



PROPOSAL DOCUMENT REPORT

RFQ No. RFQ-118-23-JJ

DESIGN, CONSTRUCTION ENGINEERING AND INSPECTION SERVICES

RESPONSE DEADLINE: October 2, 2023 at 3:00 pm

Report Generated: Thursday, December 14, 2023

EAC Consulting Inc Proposal

CONTACT INFORMATION

Company:

EAC Consulting Inc

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Martha Aguiar

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5959 Blue Lagoon Drive, Suite 410

Miami, FL 33126

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N/A

Website:

N/A

Submission Date:

Oct 2, 2023 1:31 PM

ADDENDA CONFIRMATION

Addendum #1

Confirmed Sep 27, 2023 4:42 PM by Martha Aguiar

QUESTIONNAIRE

1. Upload Statement of Qualification*

Proposals or Statements of Qualifications should be organized using the following format:

- A. Table of Contents
- B. Executive Summary
- C. Firm's Qualification & Experience
- D. Organizational Profile and Project Team Qualifications
- E. Approach to Scope of Work
- F. References/Past Performances

Please refer to [#SUBMITTAL REQUIREMENTS](#) section, for details regarding the requirement of each section of the Statement of Qualification.

EAC_Consulting,_Inc._RFQ_118-23-JJ.pdf

2. Vendor Reference Form*

Please download the below documents, complete, and upload.

- [Vendor Reference Form \(1\).pdf](#)

Ref01._EAC_Consulting,_Inc.-City_of_West_Park.pdfRef03._EAC_Consulting,_Inc._-City_of_Miami.pdfRef02._EAC_Consulting,_Inc._-City_of_Miami_Beach.pdf

3. Hold Harmless and Indemnity Clause *

I, an authorized representative, the contractor, shall indemnify, defend and hold harmless the City of Hollywood, its elected and appointed officials, employees and agents for any and all suits, actions, legal or administrative proceedings, claims, damage, liabilities, interest, attorney's fees, costs of any kind whether arising prior to the start of activities or following the completion or acceptance and in any manner directly or indirectly caused, occasioned or contributed to in whole or in part by reason of any act, error or omission, fault or negligence whether active or passive by the contractor, or anyone acting under its direction, control, or on its behalf in connection with or incident to its performance of the contract.

Confirmed

4. Non-Collusion Statement*

I, being first duly sworn, depose that:

- A. He/she is an authorized representative of the Company, the Proposer that has submitted the attached Proposal.
- B. He/she has been fully informed regarding the preparation and contents of the attached Proposal and of all pertinent circumstances regarding such Proposal;
- C. Such Proposal is genuine and is not a collusion or sham Proposal;
- D. Neither the said Proposer nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Proposer, firm or person to submit a collusive or sham Proposal in connection with the contractor for which the attached Proposal has been submitted or to refrain from bidding in connection with such contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer, firm or person to fix the price or prices, profit or cost element of the Proposal price or the Proposal price of any other Proposer, or to secure an advantage against the City of Hollywood or any person interested in the proposed Contract; and
- E. The price or prices quoted in the attached Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Proposer or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

Confirmed

5. Certifications Regarding Debarment, Suspension and Other Responsibility Matters*

The applicant certifies that it and its principals:

Are not presently debarred, suspended, proposed for debarment, declared ineligible, sentenced to a denial of Federal benefits by a State or Federal court, or voluntarily excluded from covered transactions by any Federal department or agency;

Have not within a three-year period preceding this application been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction, violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and

Have not within a three-year period preceding this application had one or more public transactions (Federal, State, or local) terminated for cause or default.

Confirmed

6. Drug-Free Workplace Program*

A. IDENTICAL TIE PROPOSALS - Preference shall be given to businesses with drug-free workplace programs. Whenever two or more bids which are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie proposals will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program (if such is available in the employee's community) by, any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of these requirements.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

Confirmed

7. Solicitation, Giving, and Acceptance of Gifts Policy*

Florida Statute 112.313 prohibits the solicitation or acceptance of Gifts. "No Public officer, employee of an agency, local government attorney, or candidate for nomination or election shall solicit or accept anything of value to the recipient, including a gift, loan, reward, promise of future employment, favor, or service, based upon any understanding that the vote, official action, or judgment of the public officer, employee, local government attorney, or candidate would be influenced thereby." The term "public officer" includes "any person elected or appointed to hold office in any agency, including any person serving on an advisory body."

The City of Hollywood/Hollywood CRA policy prohibits all public officers, elected or appointed, all employees, and their families from accepting any gifts of any value, either directly or indirectly, from any contractor, vendor, consultant, or business with whom the City/CRA does business.

The State of Florida definition of "gifts" includes the following:

- Real property or its use,
- Tangible or intangible personal property, or its use,
- A preferential rate or terms on a debt, loan, goods, or services,
- Forgiveness of indebtedness,
- Transportation, lodging, or parking,
- Food or beverage,
- Membership dues,
- Entrance fees, admission fees, or tickets to events, performances, or facilities,
- Plants, flowers or floral arrangements
- Services provided by persons pursuant to a professional license or certificate.
- Other personal services for which a fee is normally charged by the person providing the services.
- Any other similar service or thing having an attributable value not already provided for in this section.

Any contractor, vendor, consultant, or business found to have given a gift to a public officer or employee, or his/her family, will be subject to dismissal or revocation of contract.

As the person authorized to sign the statement, I certify that this firm will comply fully with this policy.

Confirmed

8. List of Subcontractors*

Please download the below documents, complete, and upload.

- [Form 14 - List of Subcontra...](#)

Form_14_-_List_of_Subcontractors.docx.pdf

9. Certificate of Insurance*

See requirements in the [#SPECIAL TERMS AND CONDITIONS](#) section.

EAC_COI_EVIDENCE_OF_COVERAGE_EXP_7.1.24.pdf

10. Proof of Sunbiz Registration*

Enter company FEIN to be verified in Sunbiz

65-0519739

[Click to Verify](#) *Value will be copied to clipboard*

11. Proof of License - Department of Business & Professional Regulation

Enter license number to be verified in Department of Business & Professional Regulation

CA7011

[Click to Verify](#) *Value will be copied to clipboard*

12. ACKNOWLEDGMENT AND SIGNATURE PAGE

IF CORPORATION - DATE INCORPORATED/ORGANIZED:*

September 4, 1994

STATE INCORPORATED/ORGANIZED:*

Florida

REMITTANCE ADDRESS*

5959 Blue Lagoon Drive, Suite 410

Miami, FL 33126

BIDDER/PROPOSER'S AUTHORIZED REPRESENTATIVE'S TYPED FULL NAME*

Andrew Pierce, PE

IT IS HEREBY CERTIFIED AND AFFIRMED THAT THE BIDDER/PROPOSER CERTIFIES ACCEPTANCE OF THE TERMS, CONDITIONS, SPECIFICATIONS, ATTACHMENTS AND ANY ADDENDA. THE BIDDER/PROPOSER SHALL ACCEPT ANY AWARDS MADE AS A RESULT OF THIS SOLICITATION. BIDDER/PROPOSER FURTHER AGREES THAT PRICES QUOTED WILL REMAIN FIXED FOR THE PERIOD OF TIME STATED IN THE SOLICITATION.*

Confirmed

THE EXECUTION OF THIS FORM CONSTITUTES THE UNEQUIVOCAL OFFER OF BIDDER/PROPOSER TO BE BOUND BY THE TERMS OF ITS PROPOSAL. FAILURE TO SIGN THIS SOLICITATION WHERE INDICATED BY AN AUTHORIZED REPRESENTATIVE SHALL RENDER THE BID/PROPOSAL NON-RESPONSIVE. THE CITY MAY, HOWEVER, IN ITS SOLE DISCRETION, ACCEPT ANY BID/PROPOSAL THAT INCLUDES AN EXECUTED DOCUMENT WHICH UNEQUIVOCALLY BINDS THE BIDDER/PROPOSER TO THE TERMS OF ITS OFFER.*

Confirmed

PROPOSAL FORM*

Please download the below documents, complete, and upload.

- [Proposal Form.docx](#)

Proposal_Form.docx

13. SWORN STATEMENT PURSUANT TO SECTION 287.133 (3) (a) FLORIDA STATUTES ON PUBLIC ENTITY CRIMES

THIS FORM STATEMENT IS SUBMITTED TO THE CITY OF HOLLYWOOD BY:*

(Print individual's name and title) (Print name of entity submitting sworn statement)

Andrew Pierce, PE; Vice President

SWORN STATEMENT CONTINUATION:*

Enter business address:

5100 NW 33rd Avenue, Suite 243, Fort Lauderdale, FL 33309

SWORN STATEMENT CONTINUATION:*

Enter Federal Employer Identification Number (FEIN) is:

If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement.

65-0519739

SWORN STATEMENT CONTINUATION:*

I understand that “convicted” or “conviction” as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in an federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

Confirmed

SWORN STATEMENT CONTINUATION:*

I understand that “Affiliate,” as defined in paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime, or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term “affiliate” includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair

market value under an arm's length agreement, shall be a prima facie case that one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

Confirmed

SWORN STATEMENT CONTINUATION:*

I understand that "person," as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which otherwise transacts or applies to transact business with a public entity.

The term "person" includes those officers, executives, partners, shareholders, employees, members, and agents who are active in management of an entity

Confirmed

SWORN STATEMENT CONTINUATION:*

Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies.)

Division of Administrative Hearings, determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. (attach a copy of the Final Order).

Neither the entity submitting sworn statement, nor any of its officers, director, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

SWORN STATEMENT CONFIRMATION*

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THAT PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017 FLORIDA STATUTES FOR A CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

Confirmed

RFQ 118-23-JJ

Design, Construction Engineering & Inspection Services

October 2, 2023



EAC Consulting, Inc.
eacconsult.com



A.

Table of Contents



A. Table of Contents

Table of Contents

B. Executive Summary	4
C. Firm Qualifications & Experience	10
D. Organizational Profile & Project Team Qualifications	21
E. Approach to Scope of Work	58
F. Knowledge of the Site & Local Conditions	69
G. References - Vendor Reference Form	74
H. Sub Consultant Information	78
I. Financial Resources	80
J. Legal Proceedings & Performance	82
K. Required Forms	85
Addendum #1	98

B.

Executive Summary



B. Executive Summary



October 2, 2023

City of Hollywood
Office of City Clerk
2600 Hollywood Boulevard, Room 221
Hollywood, FL 33020

RE: Design, Construction Engineering and Inspection Services for the City of Hollywood, Florida (City) - RFQ – 118-23-JJ

Dear Evaluation Committee Members,

EAC Consulting, Inc. (EAC) looks forward to the opportunity to continue to serve the City of Hollywood. **EAC is proud to have served the City over the last fourteen (14) years** through its existing PSA for General Engineering Consultant Services contract for Water, Sewer, Reuse and Stormwater Infrastructure Projects (Project No. 17-1325). **This experience has provided us with intimate knowledge of some of the utility projects included in the scope of services and has familiarized us with staff and procedures of the City.**

The partnership established between EAC and the City over the years has been symbiotic and is in keeping with our vision to be **“The Premier Infrastructure Consulting Practice”** that serves municipalities, like the City of Hollywood, that are committed to implementing premier infrastructure. EAC remains committed to working with the City as an extension of its staff, and we are proud of our successfully implemented utility projects within the City’s boundaries. We consider ourselves **“Your Trusted Infrastructure Partner”**.

EXPERIENCED PROJECT MANAGER

The EAC Team is led by **Jenner Alfaro, P.E.**, who has successful experience on similar grant-funded municipal utility and roadway infrastructure improvement projects within the cities of West Park, Florida City, Miami and Miami Beach. Jenner has over 40 years of experience in construction administration and design management on various types of infrastructure projects, including ones similar in scope to those in this RFQ.

THE EAC ADVANTAGE

- ✓ Qualified, multi-disciplinary engineering consulting firm that provides services in Civil Engineering (water, sewer, reuse stormwater, lift station design, etc.), Transportation Engineering, Structural Engineering, Program Management, Construction Management, and Technology Systems.
- ✓ Experienced and available construction and inspection staff.
- ✓ Significant experience implementing grant-funded infrastructure projects for municipalities similar in scope, complexity, and size to the assignments anticipated on this contract.
- ✓ Dedicated Project Manager that is well-suited for his intended role through experience and qualifications.
- ✓ Knowledge of local conditions, having worked for the City of Hollywood since 2009.

We are confident that our response to the above-mentioned RFQ will demonstrate that the EAC Team has the depth and breadth of resources, experience, qualifications, and project understanding to successfully deliver projects for the City that are on-time and within budget.

Respectfully,
EAC Consulting, Inc.

A handwritten signature in blue ink, appearing to read "Rick Crooks".

Enrique “Rick” Crooks, PE
President and Principal-in-Charge

B. EXECUTIVE SUMMARY

ABOUT EAC

EAC Consulting, Inc. (EAC) is a certified Minority Business Enterprise (MBE) founded 29 years ago. We are a full-service, multi-disciplined engineering firm that provides governmental agencies, like the City, with engineering consulting services to implement infrastructure improvement and development projects. Our firm's overall commitment to the practice of engineering, as well as our goal of maintaining excellence in the quality of our services, has led to an impressive growth rate. This growth has, in turn, translated into EAC being one of the largest and most recognized local firms in the State of Florida.

SERVICES

EAC provides professional engineering services that include planning, studies, evaluations, assessments, design criteria/ design build package development, engineering design, permitting, bidding support, construction documents, construction administration, document control, peer review, construction inspections, construction management and project close-out. EAC offers six distinct types of engineering services, which include: Civil Engineering (Land Development and Water & Wastewater), Transportation Engineering (Highways and Structures), Program Management, Construction Management, Technology and Systems, and Planning. This makes us uniquely qualified to handle the types of projects identified in the scope of services.

MAIN OFFICE AND OFFICE THAT WILL SERVICE THIS CONTRACT

EAC's main office is in Miami. The primary office that will service this contract is our Fort Lauderdale office, which is 19.1 miles from the City of Hollywood's City Hall. In addition, our Miami office, which will also support this contract, is 23.4 miles from City Hall. This provides an added benefit, since our resources in both offices can be made readily available on short notice should the need arise.

Main Office:

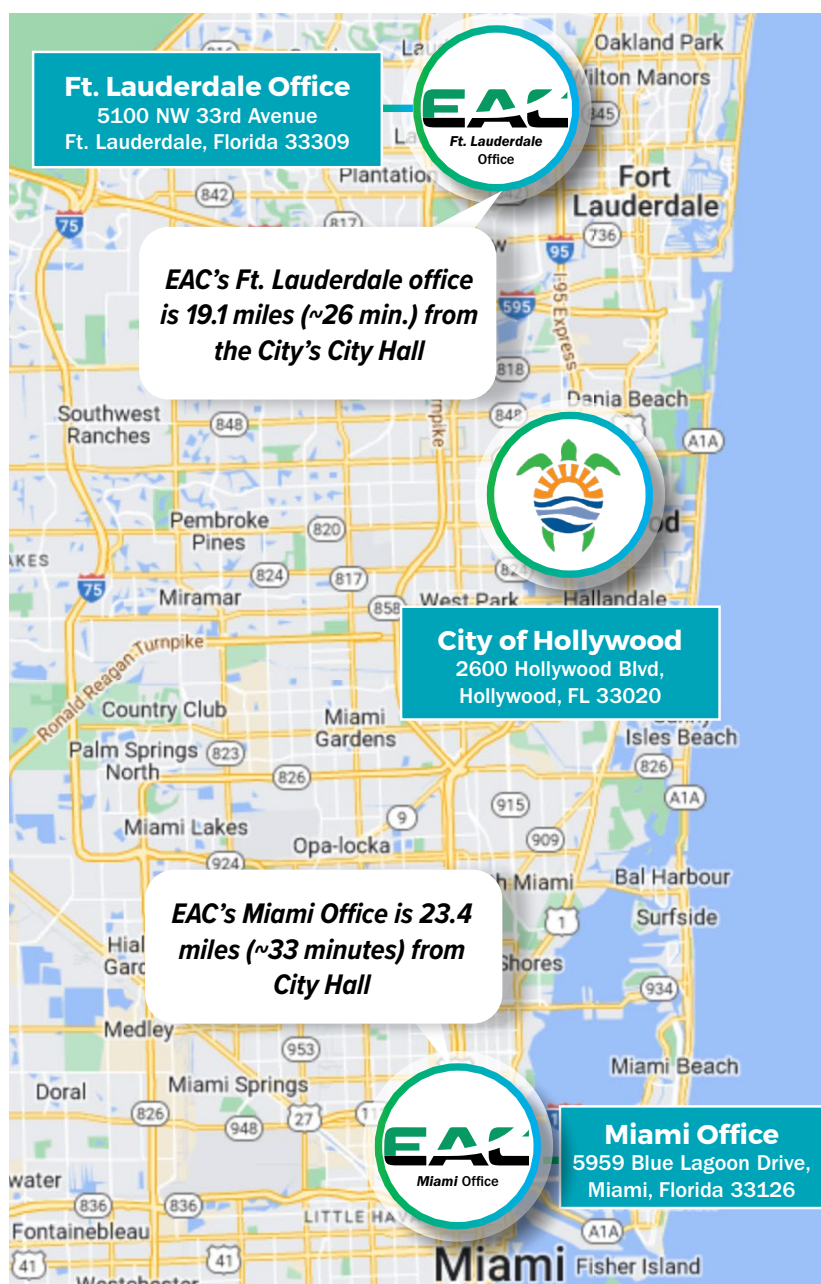
Miami
5959 Blue Lagoon Drive, Suite 410
Miami, FL. 33126

Primary Office for this RFQ:

Fort Lauderdale
5100 NW 33rd Avenue, Suite 243
Fort Lauderdale, FL 33309

Contact Person:

Jenner Alfaro, PE
Project Manager
jalfaro@eacconsult.com
954-714-2000



PERSONNEL DIRECTLY INVOLVED WITH THE WORK

Name	Role on Contract	Officer	Principal	Supervisory Staff	Key Individual	Office Location
Enrique "Rick" Crooks, PE	Principal-in-Charge	X	X		X	Miami
Jenner Alfaro, PE	Project Manager			X	X	Miami
Huntley Higgins, PE, PMP	QA/QC		X		X	Ft. Lauderdale
Andrew Pierce, PE, PMP	QA/QC		X		X	Miami
Rafael Urdaneta	Resident Engineer				X	Ft. Lauderdale
Andres McEwan, EI	Contract Support Specialist				X	Miami
Evelyn Rodriguez, PE	Design Lead				X	Ft. Lauderdale
Mark Luther, PE	Electrical Instrumentation and Controls				X	Boca Raton
Donna Grace, PE	Grant Manager				X	Ft. Lauderdale

KEY ELEMENTS OF THE STATEMENT OF QUALIFICATIONS**Understanding of the Scope of Services**

It is our understanding that the City will be awarding continuing services contracts to provide design, construction administration, grant management, and resident engineering and inspection services related to the water, wastewater and stormwater projects listed in the table below, and that these projects require the professional services indicated within the table.

City of Hollywood Projects	Major RFQ Service Components		
	Design	Construction Engineering and Inspection	Grant Management
1. Washington Park Utilities Improvements Projects		X	X
2. Sewer Expansion between Arthur Street and Taft Street and from North 35th Avenue to North Park Road		X	
3. Sewer Expansion between Buchanan Street and Fillmore Street and from North 72nd Avenue to North 70th Way		X	
4. Lift Station E-8 Replacement		X	X
5. Implementation of 4-Log Virus Disinfection Process at the Water Treatment Plant		X	X
6. Sodium Hypochlorite Disinfection Conversion at the Southern Regional Wastewater Treatment Plant		X	X
7. Design and Construction Management of Lift Station E-8 Generator	X	X	X

We have been providing similar services (to those requested in this RFQ) to the City since 2009. EAC has performed several neighborhood improvement projects for the City that include the design of water and sewer pipelines, pump stations and lift stations.

In addition, it is our understanding that components of these projects are funded by the Broward County Mobility Advancement Program (Broward County Surtax) funding requirements. EAC provided construction management and inspection services for a recently completed Broward County Surtax project for the City of West Park that was lauded by the MAP Broward Office and the Broward County Office of Economic and Small Business Development for the utilization of a certified small business. We have the experience working with Broward County to ensure that all work complies with the applicable Interlocal Agreement.

EAC understands the local conditions of the City, requirements of Broward Surtax projects and the importance of neighborhood outreach. Refer to Section C – Firm Qualifications and Experience for information on projects that have been designed and constructed that are similar in scope and complexity to the projects anticipated under this RFQ.

Approach to Scope of Services

Professional approach to project execution using documented, proven planning and quality control procedures. EAC's methodology provides for project completion within budget and timeline.

Designer of Record for this RFQ's Project #2 - Sewer Expansion between Arthur Street and Taft Street and from North 35th Avenue to North Park Road.

Our History with Hollywood

EAC is proud to have served the City over the last fourteen (14) years. Our first contract with the City as a Prime Consultant was executed in 2009 to provide the City's Utility Department with General Engineering Consultant Services for Water and Sewer Infrastructure Projects (City Project No. 08-1214A). EAC's performance on that contract allowed us to be reselected for another contract as Prime Consultant, which was executed in 2017 to provide General Engineering Consultant Services for Water, Sewer, Reuse, and Stormwater Infrastructure Projects (City Project No. 17-1325). Throughout the years, we have had the pleasure of working with the City to design and implement several utility infrastructure projects throughout the City limits. This has allowed us to become familiar with the City's practices, standards, policies and procedures, and the local conditions. EAC remains committed to continuing to work as an extension of the City of Hollywood's staff to assist the Utilities Department in achieving its goals of completing the design and construction of the projects included in this RFQ.

Project Manager

Jenner Alfaro, P.E., is our selected Project Manager for this RFQ. Jenner has successful experience on similar infrastructure improvement projects with the cities of Miramar, West Park, Florida City, Miami and Miami Beach, along with Broward County. Jenner has over 40 years of experience in construction administration on various types of infrastructure projects, including ones like the scope of the subject City contract. Mr. Alfaro will manage the project(s) and be responsible for technical assignments, technical discipline coordination, quality controls, delivery collaboration, communication with the City's Project Manager, and coordination of all activities with all parties involved in completing the design and construction projects.



*Watermain Replacement Program
(72nd Avenue to 76th Avenue), from Polk Street to
Johnson Street. Hollywood, FL.*



Jenner Alfaro, PE

Project Team

EAC has assembled a project team that includes available and experienced professionals capable of providing the requisite services on this contract.

Company	Certifications & Local City of Hollywood Business	Professional Services
EAC Consulting, Inc. (Prime)	MBE	Design and Construction Engineering and Inspection
CES Consulting, LLC		Construction Administration and Resident Engineering and Inspection
CAP Engineering, Inc.		Construction Administration and Resident Engineering and Inspection
Grace Professional Solutions, LLC	SBE/CBE/MWBE	Grant Support and Management
Hillers Electrical Engineering, Inc.	MBE	Electrical Engineering, Instrumentation and Controls
Johnson Levinson Ragan Davila (JLRD)		Mechanical & Plumbing
NV5, Inc	Local City of Hollywood Business	Geotechnical engineering, Construction materials testing, Mechanical Engineering, Environmental Engineering, and Specialty testing
Holt Communications, Inc.	DBE · M/WBE · CBE · SBE	Public Information services
Stephen H. Gibbs Land Surveyors, Inc.	Local City of Hollywood Business	Topographic Surveying and Mapping

Commitment to Local Businesses

EAC recognizes the City's commitment to supporting local businesses. We have, therefore, partnered with two locally headquartered businesses in the City of Hollywood, one of which is also a small business.

- ▶ **NV5 is a locally headquartered firm in the City of Hollywood.** NV5 will be responsible for geotechnical, mechanical, and environmental engineering services.
- ▶ **Gibbs Land Surveyors is a locally headquartered small business in the City of Hollywood.** Gibbs will provide topographic surveying services and mapping services.

EAC has worked with these two firms on our current General Engineering Services contract with the City, and we intend to continue to support them.

WHY CHOOSE EAC

- ✓ EAC has been working with the City of Hollywood as a Prime Consultant on infrastructure projects for 14 years.
- ✓ EAC's Project Manager, Jenner Alfaro, PE, has 40 years' experience in construction administration and design management on various types of infrastructure projects.
- ✓ Experienced and available construction and inspection staff.
- ✓ EAC has the expertise, experience, qualifications, and understanding of local conditions to successfully deliver on the projects anticipated in this RFQ.
- ✓ EAC has over 25 years of experience providing engineering services to municipalities on infrastructure projects, including planning, design, permitting, bid and award support and construction management for water, wastewater, reuse, and stormwater projects.
- ✓ EAC supports locally headquartered City of Hollywood businesses.

C.

Firm Qualifications & Experience



C. Firm Qualifications & Experience

C. FIRM QUALIFICATIONS AND EXPERIENCE

ABILITY TO SATISFY ALL MINIMUM QUALIFICATIONS AND SCOPE OF SERVICE REQUIREMENTS

Demonstration of Successful Completion of Services as Specified in the Scope of Work/Services Section:

Similar Project Experience

EAC's experience with infrastructure projects, specifically water, sewer, reuse and stormwater, is extensive, ranging from master planning and hydraulic modeling, preliminary design, detailed design, assistance with bid and award, and providing construction administration and resident engineering and inspection services. To demonstrate our successful completion of services, as specified in the Scope of Work/Services section of the RFQ solicitation, we have included information on several completed projects for municipal agencies, similar in size and complexity to the types identified in the Scope of Work/Services section. Please see the project information at the end of this Tab C, as well as the information below on obtaining permits and grant management.

Permitting

Our project team brings a depth of experience in securing jurisdictional approvals. EAC is thoroughly familiar with the requirements of all jurisdictional agencies that maintain authority for the implementation of infrastructure projects locally and statewide.

Below is a list of agencies that are likely to provide permits for projects related to water, sewer, and stormwater infrastructure projects. EAC has successfully pulled permits from all these agencies in the past and has developed a good professional working relationship through the design development and permitting process.

Permitting Agency	EAC's Experience with Permitting Agency
City of Hollywood - Utilities Department	Designed and permitted water and sewer infrastructure projects with the city's Utilities Department for the past 15 years.
City of Hollywood - Building Department	Pulled dry run approvals for water and sewer infrastructure projects within right-of-way with the city's Building Department for the past 15 years.
City of Hollywood - Public Works Department	Permitted the design of water and sewer infrastructure projects within the city's right-of-way with the city's Public Works Department for the past 15 years.
Broward County Environmental Protection and Growth Management Department (BCEPGMD)	Permitted reuse, sewer and stormwater infrastructure projects with BCEPGMD for over 20 years, dating back to when the agency was known as Broward County - Department of Planning and Environmental Protection (DPEP).
Broward County Traffic Engineering Department (BCTED)	Permitted traffic, signage and striping projects for water, sewer, reuse and stormwater projects that impact public right-of-way for the past 15 years with BCTED.
Florida Department of Environmental Protection (FDEP)	Permitted water, sewer and reuse projects with the FDEP for over 20 years. EAC currently has a General Engineering Consultant Services contract with the FDEP as a Prime Consultant.
Florida Department of Transportation (FDOT) IV	Performed services for the FDOT for over 25 years as a Prime Consultant. In addition, we have also pulled several utility permits for municipal water, sewer and reuse projects that conflict with FDOT roadways within their jurisdiction.
South Florida Water Management District (SFWMD)	Permitted stormwater infrastructure projects and utility projects that cross the SFWMD's right-of-way for the past 20 years. EAC has also served as a Prime Consultant on contracts for SFWMD.
US Army Corps of Engineers (USACE)	Permitted with the USACE for over 15 years on projects that impact state-regulated waterbodies and environmentally sensitive upland areas.

EAC has also performed services directly for several permitting agencies – allowing us to understand their perspectives and develop relationships with permitting staff. The governmental permitting agencies we have served directly as a prime consultant relevant to this RFQ include South Florida Water Management District (SFWMD), Florida Department of Environmental Protection (FDEP), US Army Corps of Engineers (USACE), and Florida Department of Transportation (FDOT).

Grant Management

After a client has received a grant, EAC offers guidance in monitoring the grant to achieve a successful project close-out and reimbursement. EAC's capabilities include preparing the reporting required to monitor grants and remain compliant from project start to finish.

Some of EAC's experience with grant funds include:

- Broward Surtax experience – City of West Park
- LAP for City of Miami and City of Miami Beach
- Coordinated various deliverables to Miami-Dade County on behalf of our client, Florida City, to retrieve monthly disbursements (\$3M total) into their East Palm Drive Culverting, Phase I project over a two-year period.
- Monitoring approximately \$3B in Federal Transit Administration (FTA)-granted funds: EAC, as part of a Joint Venture – PMO Partnership JV, LLC – was awarded a Project Management Oversight (PMO) contract in 2011 with the FTA to provide contract support capable of rendering critical programmatic inputs for FTA program decisions for its grant programs. We work with agencies in advance of their grant application to make sure they have all the required documents and have done the required preparation.

Demonstration that the proposer is normally and routinely engaged in performing services as specified in the scope of work/services section:

To demonstrate that EAC is normally and routinely engaged in performing services as specified in the scope of work/services, please see the Vendor Reference Forms in Tab G. These forms were completed by our clients for work EAC performed of similar scope to that requested in this RFQ. Please also see the project information included at the end of this Tab C, exhibiting the infrastructure services EAC routinely provides.

Proposer's Licensure and No Conflict of Interest

EAC is licensed with the Engineering Business Registry of the Florida Department of Business & Professional Regulation. License number: 7011 (see graphic).

EAC Consulting, Inc. (EAC) has no conflict of interest with regard to any other work performed by EAC for the City of Hollywood.

NUMBER OF YEARS PROVIDING RELATED SERVICES

EAC has 29 years of experience providing the work and services contemplated in this solicitation. We are proud to have served more than 30 South Florida municipalities and a variety of other governmental clients with their water and sewer, stormwater drainage, roadway/transportation, structural engineering and general infrastructure consulting needs.

BUSINESS STRUCTURE AND REGISTRATION AS LEGAL ENTITY IN FLORIDA

EAC is a State of Florida S-Corporation, authorized to do business in Florida since its founding in 1994.

Please see our Certificate of Good Standing with the Florida Department of State.

FIRM'S ADDRESS, CONTACT INFORMATION, WEB SITE

EAC Consulting, Inc.:

Address: 5100 NW 33rd Avenue, Suite 243, Fort Lauderdale, FL 33309 (primary office that will service this contract)

Phone Number: 954-714-2000

Fax Number: Fax (954) 733-8604

Email Address and Contact Person: Jenner Alfaro, PM – Project Manager: Jalfaro@eacconsult.com

Web Site: eacconsult.com

LICENSEE DETAILS	
Licensee Information Name: EAC CONSULTING, INC. (Primary Name) Main Address: 5950 BLUE LAGOON DRIVE, SUITE 410, MIAMI, Florida 33126 County: DADE	
License Information License Type: Engineering Business Registry Rank: Registry License Number: 7011 Status: Current Licensure Date: 10/24/1994 Expires:	

State of Florida
Department of State

I certify from the records of this office that EAC CONSULTING, INC. is a corporation organized under the laws of the State of Florida, filed on September 6, 1994.

The document number of this corporation is P94000066488.

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 11, 2023, and that its status is active.

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

Given under my hand and the Great Seal of the State of Florida at Tallahassee, the Capital, this the Eleventh day of January, 2023.

[Signature]
Secretary of State

Tracking Number: 972247061.CC
To authenticate this certificate, visit the following site, enter this number, and then follow the instruction displayed.
<https://services.dhs.gov/FlBrgs/CertificateOfStatus/CertificateAuthentication>

SIZE OF FIRM

We have included a table summarizing the staffing resources available within our firm. Our locally available work force will be an asset to the City, since we can offer the full range of technical and non-technical services without the expenses (airfare, hotel, rental care, per diem, etc.) associated with bringing staff from other parts of the country.

29 Years in
Business

32 Professional
Engineers

74 Employees
Total



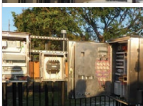








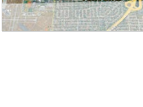

Staff Category	Number
Principals	6
Other Licensed Professional Staff	26
Unlicensed Technical/Support Staff	21
Administrative Staff	21
Total Staff	74

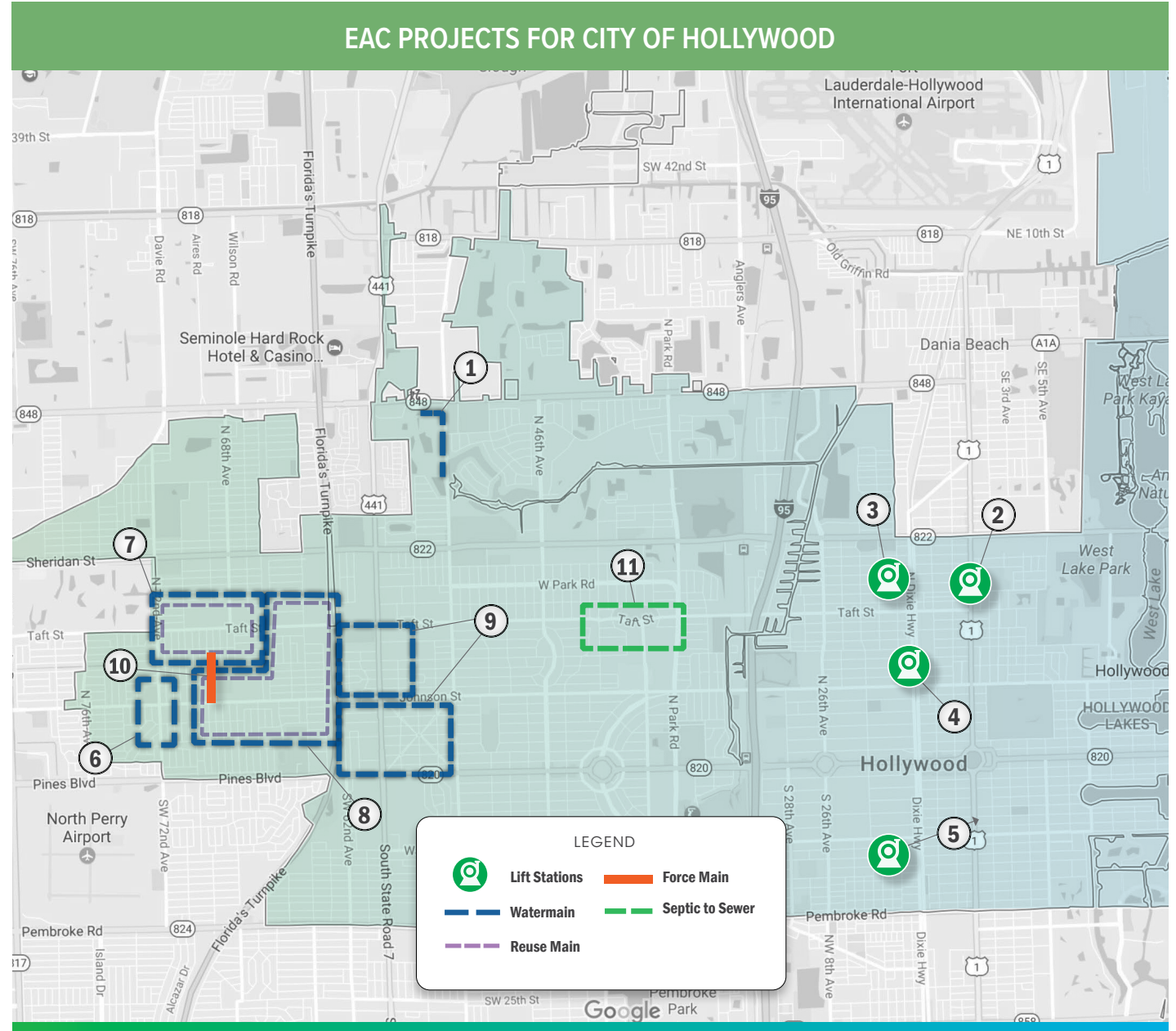
OTHER PERTINENT INFORMATION

Technical Qualifications

EAC has qualified for numerous technical certifications from various agencies. Below is a summary of some of the technical certifications held by EAC that help demonstrate our capabilities to successfully deliver the projects identified in this RFQ.

Agency	Certifications	
Miami-Dade County	6.01 Water and Sanitary Sewer Systems – Water Distribution and Sanitary Sewage Collection and Transmission Systems 6.02 Water and Sanitary Sewer Systems – Water and Sanitary Sewage Pumping Facilities 6.03 Water and Sanitary Systems – Water and Sanitary Sewage Treatment Plants 11.00 General Structural Engineering 16.00 General Civil Engineering 17.00 Engineering Construction Management	
Palm Beach County	8.02 and 8.04 Wastewater Collection Systems and Water Distribution Systems	6.04 Hydraulic and Hydrologic Studies 13 Construction Management
West Palm Beach CCNA	105 Storm Sewer Design 106 Water Distribution/Sewer Collection and Force Main System 107 Lift and Pump Station Design	117 Structural Systems 119 Civil Engineering

Photo	Label #	Description	Project Size
	1	Watermain	4,900 ft
	2	Lift Station E-22	7.5 HP
	3	Lift Station W-08	17 HP
	4	Lift Station W-09	15 HP
	5	Lift Station W-10	12 HP
	6	Watermain	27,100 ft
	7	Watermain	73,225 ft
		Reuse Main	7,600 ft
	8	Watermain	110,956 ft
		Reuse Main	6,600 ft
	9	Watermain	59,695 ft
	10	Lift Station A-09 Forcemain	12" - 1400 ft
	11	Sewer Extension - Park Road to 35th Ave and Wilson to Arthur St.	8,000 ft



OVERALL APPROACH AND PROJECT MANAGEMENT

Please see Tab E – Approach to Scope of Work for our overall approach and project management methods.

SUMMARY OF EAC'S QUALIFICATIONS

- ✓ Technically certified
- ✓ Relevant expertise to handle scope of work
- ✓ Several projects successfully performed for the City of Hollywood
- ✓ Highly experienced Project Manager and project team in service area
- ✓ Professional approach to project execution using documented, proven planning and quality control procedures.
- ✓ Deep knowledge of permitting and regulatory requirements for lift stations and force main design in the City of Hollywood and Broward County
- ✓ Team availability and commitment to meeting project schedule
- ✓ Commitment to providing quality deliverables

BROWARD COUNTY WATER & SEWER NEIGHBORHOOD IMPROVEMENTS**Prime Consultant****OWNER:**

Broward County Water &
Wastewater Services

CONTACT:

David Huizenga
954-577-4597

PROJECT FEATURES:

Reconstruction of water and sewer
mains

**PROJECT DESCRIPTION**

EAC provided Inspection and Construction Management Services for Broward County Water and Wastewater Department for several Neighborhood Improvement Projects including the Bid Pack 11 - Neighborhood Improvements for the Pompano Highlands neighborhood located between NE 48th and NE 49th Streets, and between Federal Highway and NE 15th Avenue. The project is composed of the reconstruction of the water and sewer mains, drainage structures, reclaimed water, construction of new sidewalks, reconstruction of streets and landscaping. EAC is providing Construction Management Services for Broward County Water and Sewer Department for the following Neighborhood Improvement projects consisting of water, sewer and reclaimed water mains, drainage systems, and street reconstruction.

WATER DESIGN	BID & AWARD	RESIDENT ENGINEERING & INSPECTION	ROADWAY DESIGN
STORMWATER DESIGN	SEWER DESIGN	CONSTRUCTION ADMINISTRATION	PERMITTING
WATER TREATMENT	PUMP STATION	REUSE PIPE	GRANT SUPPORT

NEIGHBORHOOD WATERMAIN REPLACEMENT PROGRAM FROM JOHNSON ST TO TAFT ST**Prime Consultant****OWNER:**

City of Hollywood, Department of
Public Utilities

CONTACT:

Jeff Jiang, PE
954- 921-3930
fjiang@hollywoodfl.org

PROJECT FEATURES:

5,000 linear feet of 8" Watermain

**PROJECT DESCRIPTION**

EAC Consulting, Inc. designed, permitted, and performed construction management/administration services for approximately 5000 LF of 8-inch distribution mains along N. 56th Avenue, between Douglas Street to Stirling Road, and then west N. 58th Avenue for the City of Hollywood. EAC developed construction plans and specifications, designed the horizontal and vertical alignment of the pipe, designed pipe connections, bends, restraints and other appurtenances, coordinated, resolved all utility conflicts, performed bid and award services as well as obtained all relevant permits. The project impacted both the City's and FDOT's right of way and designing to both entities' standards was required as well as permitting.

WATER DESIGN	BID & AWARD	RESIDENT ENGINEERING & INSPECTION	ROADWAY DESIGN
STORMWATER DESIGN	SEWER DESIGN	CONSTRUCTION ADMINISTRATION	PERMITTING
WATER TREATMENT	PUMP STATION	REUSE PIPE	GRANT SUPPORT

SW 25 STREET COMPLETE STREET IMPROVEMENTS

Prime Consultant

**OWNER:**

City of West Park

CONTACT:

Greg Perry, P.E.

954-350-2705

GPerry@cityofwestpark.org

PROJECT FEATURES:

Traffic calming, roadway and drainage improvements

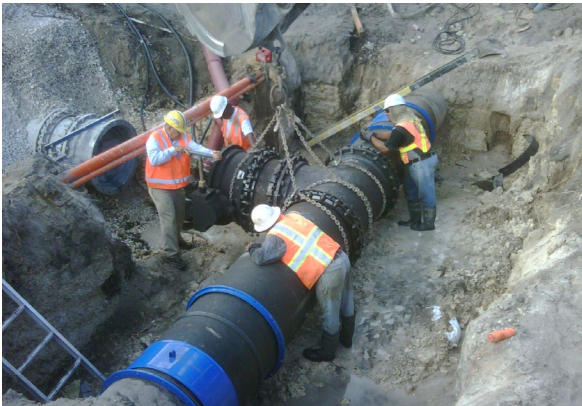
PROJECT DESCRIPTION

The Project proposed consists of 1.5-mile improvements of SW 25 Street from SR 7 to SW 40 Avenue. The Project includes clearing/ grubbing, concrete sidewalks, sodding, pavement milling and resurfacing, grading, drainage, signing, and pavement marking, and bike lanes. Funding Sources: Broward County Surtax, American Rescue Plan Act, City of West Park.

<input checked="" type="checkbox"/> WATER DESIGN	<input type="checkbox"/> BID & AWARD	<input checked="" type="checkbox"/> RESIDENT ENGINEERING & INSPECTION	<input type="checkbox"/> ROADWAY DESIGN
<input type="checkbox"/> STORMWATER DESIGN	<input type="checkbox"/> SEWER DESIGN	<input checked="" type="checkbox"/> CONSTRUCTION ADMINISTRATION	<input type="checkbox"/> PERMITTING
<input type="checkbox"/> WATER TREATMENT	<input type="checkbox"/> PUMP STATION	<input type="checkbox"/> REUSE PIPE	<input checked="" type="checkbox"/> GRANT SUPPORT

PINE ISLAND ROAD TRANSMISSION MAIN IMPROVEMENTS

Prime Consultant

**OWNER:**

Broward County

CONTACT:

Richard Tornese, PE-Director

954-577-4579

rtornese@broward.org

PROJECT FEATURES:

4,000 linear feet of 30" Watermain Design, Roadway & Drainage Design

PROJECT DESCRIPTION

EAC provided design and construction management services for the reconstruction and widening of a two mile section of the Pine Island Road corridor from Oakland Park Blvd to north of Commercial Blvd. The project included providing a new roadway drainage system, signalization, street lighting, irrigation, and landscaping and pavement markings. The project also involved through a Joint Participation Agreement between Broward County and the City of Sunrise, design of approximately 4,000 linear feet of 30-inch DIP water main from Oakland Park Blvd. to NW 44 Street. EAC performed all the civil related work which included the development of detailed construction plans, technical specification and an opinion of probable construction costs for the project.

<input checked="" type="checkbox"/> WATER DESIGN	<input checked="" type="checkbox"/> BID & AWARD	<input checked="" type="checkbox"/> RESIDENT ENGINEERING & INSPECTION	<input checked="" type="checkbox"/> ROADWAY DESIGN
<input checked="" type="checkbox"/> STORMWATER DESIGN	<input type="checkbox"/> SEWER DESIGN	<input checked="" type="checkbox"/> CONSTRUCTION ADMINISTRATION	<input checked="" type="checkbox"/> PERMITTING
<input type="checkbox"/> WATER TREATMENT	<input type="checkbox"/> PUMP STATION	<input type="checkbox"/> REUSE PIPE	<input type="checkbox"/> GRANT SUPPORT

COUNTRY ISLES WATER SERVICES REPLACEMENT CEI IMPROVEMENTS**Prime Consultant****OWNER:**

City of Weston Utilities & Public Works

CONTACT:Karl Thompson, PE
954-385-2600**PROJECT FEATURES:**

Water service connection for 179 homes

PROJECT DESCRIPTION

This project scope involved the replacement of existing water service connections from the existing water main located within public right of way to water service meters located in public right of way or (easement) for 179 homes within Country Isles. Work included water service connection to existing distribution main, water service construction from the point of connection to the service meter, disconnection/ removal of existing service, and surface restoration of pavement or existing ground cover within public right of way.

<input type="checkbox"/> WATER DESIGN	<input checked="" type="checkbox"/> BID & AWARD	<input checked="" type="checkbox"/> RESIDENT ENGINEERING & INSPECTION	<input checked="" type="checkbox"/> ROADWAY DESIGN
<input checked="" type="checkbox"/> STORMWATER DESIGN	<input type="checkbox"/> SEWER DESIGN	<input checked="" type="checkbox"/> CONSTRUCTION ADMINISTRATION	<input checked="" type="checkbox"/> PERMITTING
<input checked="" type="checkbox"/> WATER TREATMENT	<input type="checkbox"/> PUMP STATION	<input type="checkbox"/> REUSE PIPE	<input type="checkbox"/> GRANT SUPPORT

EAST PALM DRIVE CANAL CULVERTING (SW 344TH STREET, FROM US-1 TO SW 172ND STREET)**Prime Consultant****OWNER:**

City of Florida City, FL

CONTACT:Jon Ward, Executive Director
305-247-8221
jward@floridacityfl.gov**PROJECT FEATURES:**

Stormwater Culvert Design, Water and Force Main Relocation

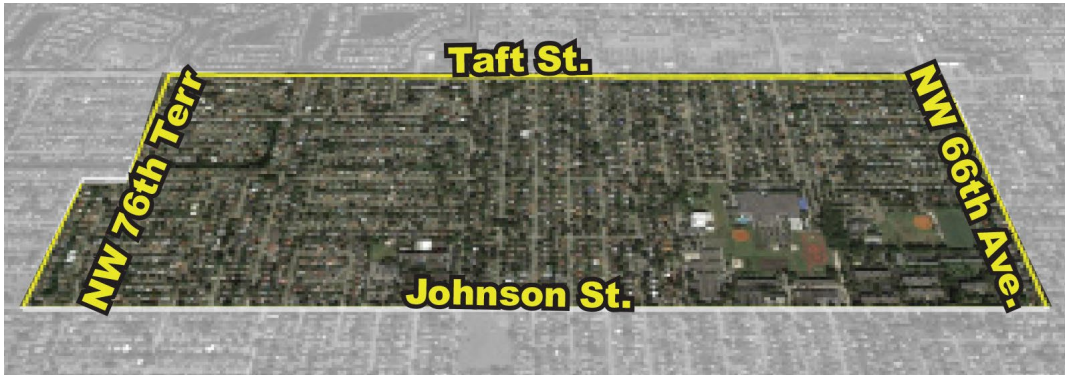
PROJECT DESCRIPTION

The project's major scope of work which mostly runs through residential and commercial areas consisted of culvert installation, pavement widening, milling and resurfacing, utilities adjustment, drainage improvement and striping. Phase I involved striping the eastbound and westbound lanes and closing both eastbound and westbound inside lanes to capture the work area for the installation of the box culvert. This phase also involved installing concrete barrier wall and performing all work for filling in the canal which included relocation of lighting, installation of box culvert, embankment, stabilized subgrade, base and structural asphalt. Phase 2 involved restriping eastbound and westbound lanes and shifting traffic onto the newly constructed pavement and closing the outside lanes to capture the work area for curb and gutter.

<input type="checkbox"/> WATER DESIGN	<input checked="" type="checkbox"/> BID & AWARD	<input checked="" type="checkbox"/> RESIDENT ENGINEERING & INSPECTION	<input checked="" type="checkbox"/> ROADWAY DESIGN
<input checked="" type="checkbox"/> STORMWATER DESIGN	<input type="checkbox"/> SEWER DESIGN	<input checked="" type="checkbox"/> CONSTRUCTION ADMINISTRATION	<input checked="" type="checkbox"/> PERMITTING
<input type="checkbox"/> WATER TREATMENT	<input type="checkbox"/> PUMP STATION	<input type="checkbox"/> REUSE PIPE	<input type="checkbox"/> GRANT SUPPORT

HOLLYWOOD BLVD TO JOHNSON ST BETWEEN N72ND AVE & FL TURNPIKE & FROM JOHNSON ST TO TAFT ST

Prime Consultant



OWNER:

City of Hollywood, Department of Public Utilities

CONTACT:

Jeff Jiang, PE
954- 921-3930
fjiang@hollywoodfl.org

PROJECT FEATURES:

110,900 linear feet 8" & 12" Watermain and 16" Reuse Main

PROJECT DESCRIPTION

EAC was responsible for the design, permitting, bid and award and construction administration services of approximately 76,800 linear feet of 8-inch and 12-inch PVC (C-900) water main replacements, water service conversions from rear of property to front of property and the addition of fire hydrants. The project also included 7,600 linear feet of 16-inch of reuse main. The project area was located between Johnson Street to Taft Street from N 66 Avenue to N 76 Terrace in the City of Hollywood. Replacement of existing asbestos pipe was of critical importance in the project. The project also included utility trench restoration, pavement milling and resurfacing, marking and signage.

<input checked="" type="checkbox"/> WATER DESIGN	<input checked="" type="checkbox"/> BID & AWARD	<input checked="" type="checkbox"/> RESIDENT ENGINEERING & INSPECTION	<input checked="" type="checkbox"/> ROADWAY DESIGN
<input checked="" type="checkbox"/> STORMWATER DESIGN	<input checked="" type="checkbox"/> SEWER DESIGN	<input checked="" type="checkbox"/> CONSTRUCTION ADMINISTRATION	<input checked="" type="checkbox"/> PERMITTING
<input checked="" type="checkbox"/> WATER TREATMENT	<input checked="" type="checkbox"/> PUMP STATION	<input checked="" type="checkbox"/> REUSE PIPE	<input checked="" type="checkbox"/> GRANT SUPPORT

DIXIE HIGHWAY CORRIDOR SEPTIC TO SEWER PUMP

Prime Consultant



OWNER:

City of Hollywood, Department of Public Utilities

CONTACT:

Jeff Jiang, PE
954- 921-3930
fjiang@hollywoodfl.org

PROJECT FEATURES:

17HP (W-08) pump station

PROJECT DESCRIPTION

EAC was retained by the City of Hollywood to design four (4) liftstations along the Dixie Highway Corridor, as part of its septic to sewer conversion program. Scope of work included pre-design, design, permitting, bid and award and construction administration services for all stations and their associated force mains. Pump sizes ranged from 7.5 – 15 hp.

<input checked="" type="checkbox"/> WATER DESIGN	<input checked="" type="checkbox"/> BID & AWARD	<input checked="" type="checkbox"/> RESIDENT ENGINEERING & INSPECTION	<input checked="" type="checkbox"/> ROADWAY DESIGN
<input checked="" type="checkbox"/> STORMWATER DESIGN	<input checked="" type="checkbox"/> SEWER DESIGN	<input checked="" type="checkbox"/> CONSTRUCTION ADMINISTRATION	<input checked="" type="checkbox"/> PERMITTING
<input checked="" type="checkbox"/> WATER TREATMENT	<input checked="" type="checkbox"/> PUMP STATION	<input checked="" type="checkbox"/> REUSE PIPE	<input checked="" type="checkbox"/> GRANT SUPPORT

PROJECT AND CONSTRUCTION MANAGEMENT CONSENT DECREE PROGRAM**Prime Consultant****OWNER:**

Miami-Dade County Water and
Sewer Department

CONTACT:

Daniel Edwards, PE
786-552-8354
djedw01@miamidade.gov

PROJECT FEATURES:

Water and Wastewater Treatment
Plants

**PROJECT DESCRIPTION**

Provision of planning, scheduling, and construction management and inspection personnel for this program to make improvements to the WASD Wastewater Collection and Treatment System. The program included a series of construction projects, operating and maintenance tasks, and monitoring activities in WASD's system to reduce and prevent sanitary sewer overflow.

<input checked="" type="checkbox"/> WATER DESIGN	<input checked="" type="checkbox"/> BID & AWARD	<input checked="" type="checkbox"/> RESIDENT ENGINEERING & INSPECTION	<input type="checkbox"/> ROADWAY DESIGN
<input type="checkbox"/> STORMWATER DESIGN	<input checked="" type="checkbox"/> SEWER DESIGN	<input checked="" type="checkbox"/> CONSTRUCTION ADMINISTRATION	<input checked="" type="checkbox"/> PERMITTING
<input type="checkbox"/> WATER TREATMENT	<input checked="" type="checkbox"/> PUMP STATION	<input type="checkbox"/> REUSE PIPE	<input type="checkbox"/> GRANT SUPPORT

LIFT STATION W-14 UPGRADE**Sub Consultant****OWNER:**

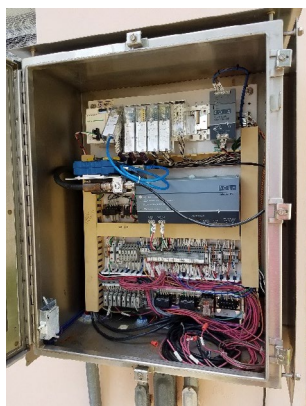
City of Hollywood

CONTACT:

Pat Gibney
954-739-6400
pgibney@craventhompson.com

PROJECT FEATURES:

Electrical, instrumentation and
control/RTU design services

**PROJECT DESCRIPTION**

Demolish existing lift station motor control center (MCC), variable frequency drives (VFDs), emergency standby generator, remote telemetry unit (RTU), control panels, lighting systems, and conventional power systems. Coordinate upgraded electrical service with Florida Power and Light. Design complete electrical distribution system and instrumentation and control systems per the current City of Hollywood standards. Includes increase from a two-pump to a three-pump station, new motor control center (MCC), variable frequency drives (VFDs), emergency standby generator, remote telemetry unit (RTU), portable generator connection box, airflow monitoring system, control panels, lighting systems, and conventional power systems.

<input checked="" type="checkbox"/> GENERATOR DESIGN	<input type="checkbox"/> BID & AWARD	<input type="checkbox"/> RESIDENT ENGINEERING & INSPECTION	<input type="checkbox"/> ROADWAY DESIGN
<input type="checkbox"/> STORMWATER DESIGN	<input checked="" type="checkbox"/> SEWER DESIGN	<input type="checkbox"/> CONSTRUCTION ADMINISTRATION	<input type="checkbox"/> PERMITTING
<input type="checkbox"/> WATER TREATMENT	<input checked="" type="checkbox"/> PUMP STATION	<input type="checkbox"/> REUSE PIPE	<input type="checkbox"/> GRANT SUPPORT





D.

Organizational Profile & Project Team Qualifications



D. Organizational Profile & Project Team Qualifications

D. ORGANIZATIONAL PROFILE AND PROJECT TEAM QUALIFICATIONS

EAC provides a wide variety of Engineering services including Civil Engineering, Transportation Engineering, Program Management, Construction Management, Technology & Systems, and Planning. Our firm specializes in Water, Wastewater and Stormwater Infrastructure Design, and Land Development Services. EAC's leadership is committed to technical excellence and client services, the professional development of our personnel and promoting the well-being of the communities we serve.

EAC provides professional engineering services to public utility agencies throughout Florida. Our range of services on infrastructure projects includes planning, programming, design, construction document development, jurisdiction permitting, bid and procurement support services, value engineering, peer review, construction administration, document control, inspections, and expert opinion studies. We have served as the Engineer-of-Record and provided construction management, including commissioning services for potable water distribution and transmission systems, wastewater collection and transmission systems, including sanitary sewer, force mains and lift stations, reuse distribution systems and pump stations (duplex, triplex, and quadruplex pumps ranging from 5 hp to 60 hp), and various types of stormwater infrastructure and systems.

OUR CLIENTS

EAC has served more than 30 South Florida municipalities and a variety of governmental clients as a Prime Consultant on continuing services contracts that are similar in nature to RFQ-118-23-JJ. Some of these municipalities include, but are not limited to, the cities of Pompano Beach, Dania CRA, Weston, Fort Lauderdale, Hollywood, Hallandale Beach, Miramar, West Palm Beach, Riviera Beach Utility Special District, North Miami, North Miami Beach, Village of Key Biscayne, Homestead, and Key West. In addition, our county and state clients include, but are not limited to, Broward County (various departments), Palm Beach Water Utilities Department, Miami-Dade County Water and Sewer Department, Monroe County, Florida Department of Transportation, Florida Department of Environmental Protection, and the South Florida Water Management District. We have also served the US Army Corps of Engineers.

AWARDS AND RECOGNITION

Our award-winning culture continues to earn EAC credibility and to build our strong reputation in a variety of jurisdictions where we perform services. Our recent accomplishments include being recognized as one of the Top Southeast Firms by the Engineer News Record (ENR).

EAC has the expertise and proven performance to warrant the opportunity to continue to provide engineering services to the City of Hollywood. We have served numerous public agencies and our experience has continued to develop as a result of our ability to successfully serve as an extension of our clients. EAC has been awarded two Project of the Year Awards by the American Society of Civil Engineers. Our other awards and accomplishments include:

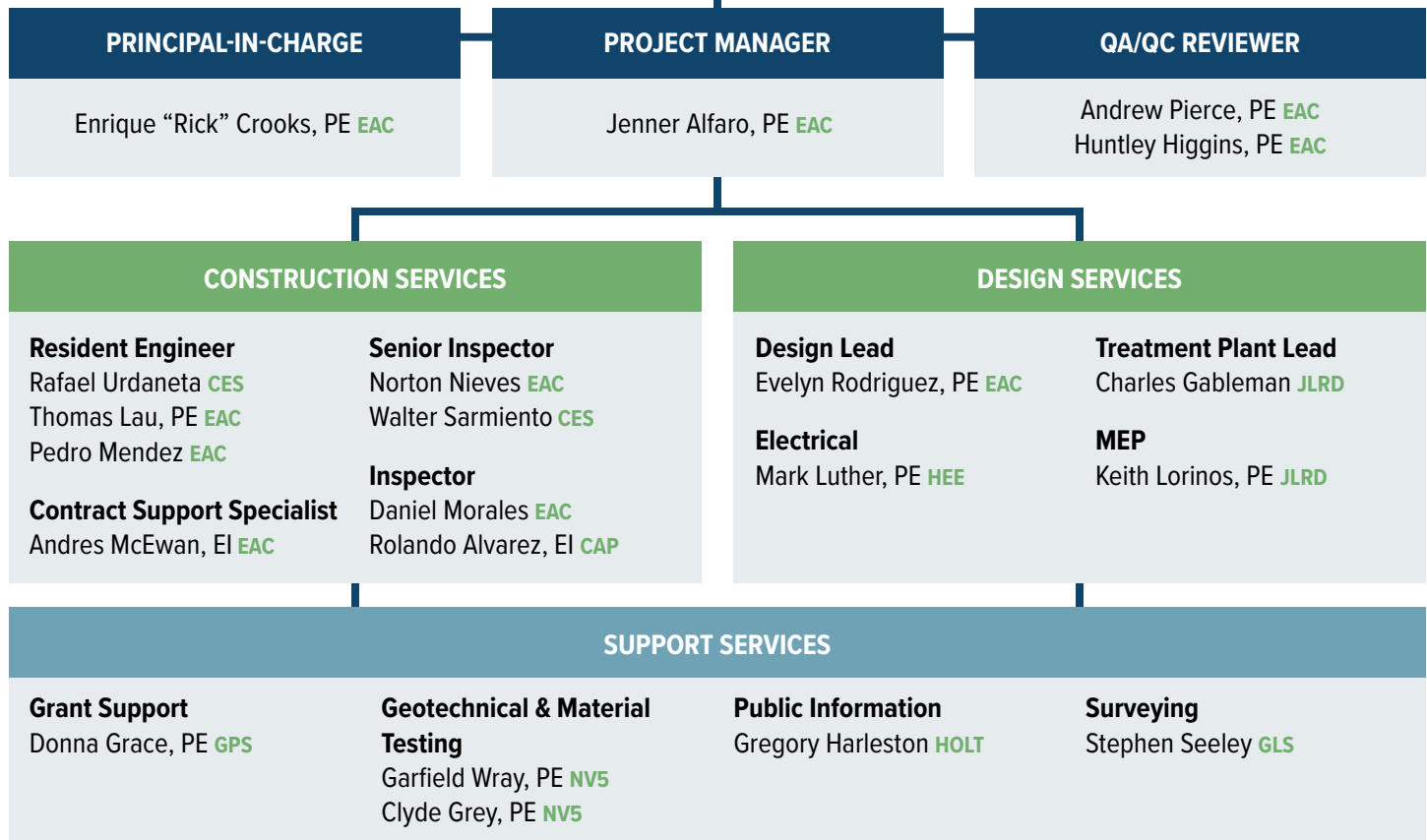
- ✓ ACEC Florida | FDOT Outstanding Project Award – PD&E/Planning Project
- ✓ ASCE Miami-Dade Branch Project of the Year
- ✓ ASCE Broward Branch Project of the Year
- ✓ Engineer of the Year - Florida Engineering Society (FES)
- ✓ Engineering Excellence Award - Florida Institute of Consulting Engineers (FICE)
- ✓ Platinum Award for Engineering Excellence - American Council of Engineering Companies (ACEC)
- ✓ Outstanding Minority Business of the Year - Greater Miami Chamber of Commerce (GMCC)
- ✓ Outstanding Project Award - Florida Department of Transportation (FDOT)
- ✓ Consulting Engineer of the Year - American Institute of Architects (A.I.A.)



ORGANIZATIONAL CHART

Please see the Organizational Chart on the following page for the project team assembled to meet the City of Hollywood's needs for this contract.

ORGANIZATION STRUCTURE



OUR TEAM



EAC Consulting, Inc.
EAC



CAP Engineering, Inc.
CAP



CES Consulting, LLC
CES



Gibbs Land Surveyors
GLS



Grace Professional Services
GPS



Hillers Electrical Engineering
HEE



Holt Communications
HC



Johnson, Levinson, Ragan,
Davila
JLRD



NV5, Inc.
NV5

PROJECT TEAM

We have performed the necessary due diligence and research to understand the City of Hollywood's objectives in engaging a qualified consultant to deliver the projects and services envisioned in this contract. We have assembled a full-service, high-performance team of staff and subconsultants to specifically address the range of professional engineering services needed to support the design and construction of the various projects that may be assigned.

EAC CONSULTING, INC. (PRIME)

DESIGN AND CONSTRUCTION ENGINEERING AND INSPECTION

EAC is an award-winning engineering consulting firm, which has been providing a wide range of infrastructure solutions to south Florida municipalities since 1994.



CONSTRUCTION MANAGEMENT CEI

CAP ENGINEERING, INC.

C.A.P. Engineering, Inc. (CAP ENG) was established in 1999 by Carlos A. Penin, PE. CAP ENG offers civil engineering and engineering consulting services for public and private clients. Our civil engineering services lines include design services for drainage, stormwater, pump stations, site planning, roadway. CAP ENG's engineering consultancy services are: construction engineering and inspection (CEI), construction management, program management, infrastructure grant management, and capital improvement planning.



CONSTRUCTION MANAGEMENT CEI

CES CONSULTANTS, INC.

CES has an established record of providing quality Construction Engineering Inspection and Construction Management services, to include scheduling, cost estimating, and change management, since its organization and brings a strong portfolio of multi-faceted engineering and infrastructure project experience to the City of Hollywood, developed on CEI projects throughout Florida and New York. CES has worked and collaborated alongside a variety of similar clients and stakeholders, effectively applying professional and technical expertise to plan and control resources, schedule, and risk, and to assure the successful delivery of quality, functional projects on time and within budget while upholding the highest levels of quality and safety.



GRANT APPLICATION SUPPORT AND GRANT MANAGEMENT

GRACE PROFESSIONAL SOLUTIONS, LLC. *Broward CBE/WMBE*

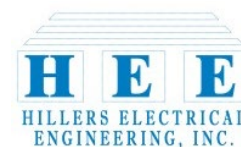
Grace Professional Solutions, LLC (GPS) is a certified minority woman-owned small business in the State of Florida and Broward County. As the principal of GPS, Donna Grace, PE brings 32 years of consulting engineering experience for both the public and private sector. GPS can assist our clients in applying for grants and/or loans for utility infrastructure projects by assisting in the preparation of grant applications, meeting with funding agencies, and all aspects of grant monitoring. Donna Grace has assisted municipalities with their grant applications and provided technical support services during the application process.



INSTRUMENTATION AND CONTROLS

HILLER'S ELECTRICAL ENGINEERING, INC. *MBE*

Hillers Electrical Engineering, Inc. (HEE) has been in business since 1994. HEE's staff offers unsurpassed experience, expertise, and personalized service in electrical engineering design, control application programming, and construction management. HEE's electrical design services include power, control, instrumentation, telemetry, startup assistance, construction management services and PLC/computer programming for county and state municipal agencies. HEE design staff brings vast electrical, instrumentation, and telemetry design and project management experience in supervisory control and data acquisition (SCADA) systems; water/waste treatment plants, stormwater pumping stations, lift stations, state-of-the-art distributed control systems, variable frequency speed drive analysis for facility efficiency improvements, and ASR wells.



GEOTECHNICAL AND MATERIAL TESTING SERVICES**NV5** *LB*

NV5 is a leading provider of professional and technical engineering and consulting solutions to public and private sector clients in the infrastructure, energy, construction, real estate and environmental markets. NV5 primarily focuses on six business verticals: Testing, Inspection & Consulting; Infrastructure; Utility Services; Environmental Health Sciences; Buildings & Program Management; and Geospatial Technology. The Company operates over 100 offices nationwide. NV5 has extensive experience providing the proposed discipline of geotechnical engineering for more than 30 years, especially in the South Florida area. NV5's clients benefit from NV5's staff over 120 combined years of extensive experience and knowledge.

**SURVEYING AND MAPPING****STEPHEN H. GIBBS LAND SURVEYORS, INC.** *LB*

GIBBS LAND SURVEYORS has been doing business from the same location for over 30 years. We are sole owners of our office in the Landmark Building at 2131 Hollywood Boulevard, Suite 204. From this office, we have provided a wide range of services related to this discipline: Boundary, Topographic, Hydrographic, As-Built and Utility locations, Construction Staking, Vertical and Horizontal Control Surveys, ALTA/NSPS Land Title Surveys, Plat Recordation, Condominium Document preparation, Legal Descriptions and Expert Witness Testimony.

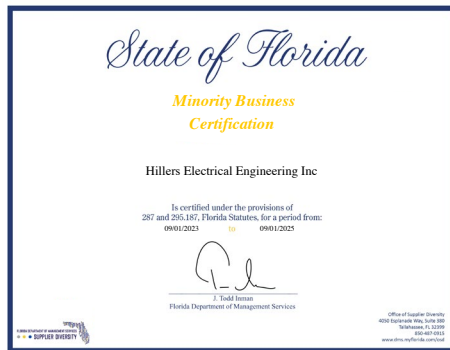
**MEP****JOHNSON, LEVINSON, RAGAN, DAVILA, INC.**

Founded in 1991, Johnson, Levinson, Ragan, Davila, Inc. (JLRD) has established itself as a leader in the MEP/FP consulting profession. We are focused on providing innovative, cost effective solutions to meet the challenges that face our clients. The firm's success as best evidenced by our long-term client relationships and stands as a testament to the quality and value of the services provided. JLRD is a corporation licensed in the State of Florida for the past 32 years. Our main office is centrally located in Palm Beach County, close to I-95 and the turnpike. We have branch offices in Merritt Island, Jacksonville, and Tampa.

**PUBLIC INVOLVEMENT****HOLT COMMUNICATIONS** *CBE*

Holt Communications, Inc. is Miramar-based CBE and SBE certified public outreach firm. Our mission is to build better communities by facilitating open communication between governments and agencies that develop and operate critical infrastructure and the citizens they serve. Holt specializes in public outreach programs for construction, and over the past 17 years, we have led successful programs for large and small projects throughout the state of Florida. Our team of experienced multicultural communicators is committed to informing, engaging, and delivering beyond our client's expectations every day. In addition to public outreach, the firm's capabilities include governmental affairs, crisis communications, media relations, marketing, branding, advertising, digital marketing, social media marketing, and special event management.





CITY OF HOLLYWOOD
TREASURY SERVICES DIVISION
LOCAL BUSINESS TAX

NVS, INC
200 S PARK RD
STE-350
HOLLYWOOD, FL 33020

Please contact us with any changes or corrections to your information.

CUSTOMER SERVICE: Should you have any questions regarding Local Business Tax or need to update / correct any information related to your Business Tax Account, please contact us by phone at 954-921-3225, by email at businesstax@hollywoodfl.org or in person at City Hall, Room 103, 2600 Hollywood Blvd. Please send all written correspondence to: City of Hollywood, Treasury Services Division, Attn: Business Tax, Room 103, PO Box 229045, Hollywood, FL 33022-9045.

PURSUANT TO STATE LAW, LOCAL BUSINESS TAX IS LEVIED FOR THE PRIVILEGE OF DOING BUSINESS WITHIN A CITY'S LIMITS, AND IS NON-REGULATORY IN NATURE. ISSUANCE OF A LOCAL BUSINESS TAX RECEIPT BY THE CITY OF HOLLYWOOD DOES NOT MEAN THAT THE CITY HAS DETERMINED THAT THE EXISTING OR PROPOSED USE OF A LOCATION IS LAWFUL. ISSUANCE OF A LOCAL BUSINESS TAX RECEIPT DOES NOT LEGALIZE OR CONDONE THE NATURE OF THE BUSINESS BEING CONDUCTED IF CONTRARY TO ANY LOCAL, STATE OR FEDERAL LAW OR REGULATION.

THIS IS NOT A BILL. DO NOT PAY.

BELOW IS YOUR LOCAL BUSINESS TAX RECEIPT. PLEASE DETACH AND POST THIS LOCAL BUSINESS TAX RECEIPT IN A CONSPICUOUS PLACE AT YOUR PLACE OF BUSINESS.

CITY OF HOLLYWOOD
FLORIDA
2023/2024 LOCAL BUSINESS TAX RECEIPT

Business Name: NVS, INC
DBA:
Business Location: 200 S PARK RD
Business Category: SERVICE/OTHER BUSINESS
Classification: Consultant/Business Advisor
Tax Basis: 5 - 25 WORKERS

Account Registration #: B9048500-2024
Expiration Date: 9/30/2024
Tax Rate: \$187.00

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

May 11, 2023

Ms. Donna Grace
GRACE PROFESSIONAL SOLUTIONS, LLC
11009 NW 61st Manor
Parkland, Florida 33076

Dear Ms. Grace:

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

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

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

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

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

NAICS CODE: 541330

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

Sincerely,
SANDY-MICHAEL MCDONALD
MCDONALD
Sandy-Michael McDonald, Director
Office of Economic and Small Business Development

Cert Agency: BC-CBE SBE
ANNIVERSARY DATE: JUNE 29th

Broward County Board of County Commissioners
Mark D. Boyen • Lamar P. Fisher • Brian Furr • Steve Geller • Robert McKenzie • Nan H. Rich • Mazel P. Rogers • Tim Ryan • Michael Udine
Broward.org

PROFESSIONAL EXPERIENCE AND QUALIFICATIONS OF TEAM MEMBERS

EAC and our subconsultants bring the City of Hollywood a team of highly qualified and talented experts to meet your objectives on this contract. These individuals' experience and qualifications are identified in the paragraphs below and in their resumes that follow.

EAC KEY TEAM MEMBERS

Team leadership is extremely important for project success. Our Project Managers and Discipline Leaders were all selected based on criteria that includes experience, expertise and familiarity with the local jurisdictions involved in the execution and implementation of projects. In addition, the EAC Team placed emphasis on presenting team leadership with demonstrated experience in all phases of project delivery. The CEI team, consisting of Andres McEwen and Norton Nieves, and led by Jenner Alfaro has worked on multiple projects for the City of Miami Beach.

Jenner Alfaro, PE **Contract Project Manager**

Jenner Alfaro, PE, will lead the EAC Team as Project Manager. Jenner has successful experience on similar municipal utility improvement projects within the cities of West Park, Miramar, Miami, Miami Beach, and Florida City, along with the county of Miami-Dade. Jenner has 40 years of experience in construction administration on various types of infrastructure projects, including ones like those in the scope of this RFQ.

Mr. Alfaro has been the Senior Project Engineer on assigned construction management projects. He will be responsible for technical assignments, technical discipline coordination, quality controls, delivery collaboration, communication with the City's Project Manager, and coordination of all activities with all parties involved in completing the construction project. Jenner's four decades of experience in infrastructure projects in urban areas has prepared him to expertly manage the challenges involved in this contract. Jenner led the CEI team on the recently completed City of West Park – SW 25th Street Complete Street Improvements Project that is a Broward Surtax-funded project and involved close coordination with businesses and residents. Jenner's experience includes numerous utility and roadway improvement projects for municipalities in Broward and Miami-Dade County.

Jenner has led the CEI efforts for projects that were awarded the following:

- 2016 and 2010 Excellence in Resurfacing – Urban Paving District 6 Award - Asphalt Contractors Association of Florida
- 2016 Best in Construction Alternative Contracting – Florida Transportation Builders' Association.

Other projects led by Mr. Alfaro were nominated for the 2016 Best in Construction Partnering Award and the 2014 Interstate Award - Florida Transportation Builders' Association. Jenner was awarded the Prudential Productivity Team Award for Revenue Generators from Florida's Governor.

Rick Crooks, PE **Principal-in-Charge**

Enrique "Rick" Crooks, PE, is the President of EAC, and will provide corporate oversight over our services as the Principal-in-Charge of the contract, as well as corporate and management support to our designated Project Manager. Mr. Crooks has over 38 years of experience in the practice of engineering. During his career, Rick has served many public sector clients, and is a well-known professional in the water and wastewater industry. He has extensive experience in combined design/management of engineering and construction projects and has successfully managed and served as Principal for several general services contracts. Under his leadership, the firm has become a recognized and respected engineering firm and has received numerous industry awards. Mr. Crooks is actively involved in professional affiliations within the engineering industry. He has a strong commitment to improving the well-being of communities within Florida and actively participates in business and community initiatives in South Florida and across the state.



Jenner Alfaro, PE



Enrique "Rick" Crooks, PE

QUALITY CONTROL AND QUALITY ASSURANCE TEAM**Huntley Higgins, PE, PMP*****QA/QC – Design Management Task***

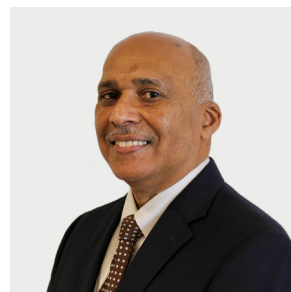
Mr. Higgins has 28 years of consulting and infrastructure engineering experience. Huntley is a Vice President with EAC and has served as Project Manager and Technical Leader on several continuing services contracts for South Florida municipalities. Huntley is recognized throughout the civil engineering industry and prides himself in providing personalized service and exceeding his clients' expectations on assignments. Huntley holds a bachelor's degree in Civil Engineering and a master's degree in Civil/Environmental Engineering. In addition to being a licensed Professional Engineer in the State of Florida, Huntley is a Project Management Professional (PMP) certified by the Project Management Institute (PMI), and his combined experience in the planning, design, and construction of civil engineering infrastructure projects makes him well-suited for his role on this project. From a management perspective, Huntley's primary responsibility will be to produce quality documents and deliverables that meet the schedule and budgetary expectations of the City. He has served as the Engineer of Record for numerous infrastructure projects. Huntley has completed the design, permitting, and construction administration of public infrastructure projects, including water distribution, water transmission, reuse systems, sewer collection, sewer transmission, force-mains, pump stations, drainage, stormwater management roadways, and site development.



Huntley Higgins,
PE, PMP

Andrew Pierce, PE, PMP***QA/QC – Construction Management Task***

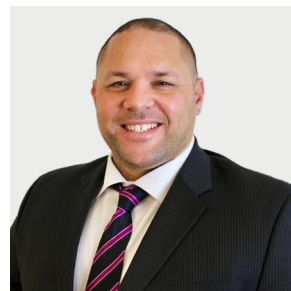
Mr. Pierce has 38 years of civil engineering experience and has established outstanding working relationships with the governmental agencies throughout South Florida. He has 30 years of diverse experience in the areas of program management, civil design and construction, project planning, quality control and project management. Andrew has been responsible for overall management, staff direction, and technical guidance for large-scale projects and programs including design and construction management services. He has served as Project manager on numerous design and construction management projects for municipalities such as Village of Key Biscayne and the City of Aventura.



Andrew Pierce, PE, PMP

Pedro Mendez***Resident Engineer***

Mr. Mendez has 21 years of experience in the construction industry. He is dynamic, detailed oriented, strong comprehensive leadership with on-site staff management background in the areas of geotechnical engineering, construction materials testing, and environmental consulting services in several states, including: Florida, Louisiana, Colorado, Arizona, Nevada, California, Illinois and the Commonwealth of Puerto Rico. Mr. Mendez's experience includes water and wastewater collection and transmission infrastructure, gravity sewer systems, force mains, submersible pumping, and dry well/wet well pumping stations. His experience also includes wastewater treatment plant installations including, but not limited to, chemical (liquid and gaseous) storage tanks, pumps and dosing systems, monitoring, and sampling systems, digester tanks, pump systems, heat exchangers and heat transfer boilers.



Pedro Mendez

Thomas Lau, PE***Resident Engineer***

Tom Lau, PE will serve as a Resident Engineer for assigned construction management projects in this contract. Mr. Lau has over 20 years of experience in engineering and permitting and construction management of private and public projects in the areas of water, wastewater, roadway and transit. Mr. Lau is currently the Project Manager on the Lift Station 153 Rehabilitation project in the City of West Palm Beach. The purpose of this project is to apply major upgrades to the equipment of LS 153, as it was antiquated, to enable it to continue its service. In addition, Tom's experience includes numerous infrastructure transit improvements projects for Broward County Transit, projects at Fort Lauderdale International Airport, and over 20 years with San Francisco Municipal Transportation (SFMTA) on numerous transit infrastructure projects.



Thomas Lau, PE

Norton Nieves
Senior Inspector

Mr. Nieves has 27 years of experience working in the construction industry, with 24 years in South Florida. His list of projects is very diverse: Bridges, Water, Sewage, Stormwater, and Vertical Construction. He is a seasoned Senior Inspector who has provided services to the City of Miami Beach, City of Miami, City of Florida City, Miami-Dade Water and Sewer Department (MDWSD) Consent Decree Program, MDWSD Central (Virginia Key) and South (Black Point) Districts, Miami-Dade County Public Works, Miami-Dade Road, Bridge & Canal Maintenance, Miami-Dade County Public Schools and Florida Department of Transportation (FDOT) District 6. Norton worked as a Superintendent for more than \$43 million in the construction of schools. His experience includes Cost Estimating and Construction Management for four Transfer Sewage Pump Stations in Black Point (\$28 million total; each: \$7M, 10 feet in diameter, 42,000 GPM).



Norton Nieves

Andres McEwen, EI
Contract Support Specialist

Andres McEwen, EI has been working since 2015 in the Construction industry in South Florida filling diverse roles. His experience includes his involvement in the \$2.8 Billion Miami-Dade County Consent Decree Program in his role as Assistant Project Manager. His responsibilities included daily coordination with Field Inspectors, Construction Crews, and the Project's Supervisors. Andres is a team player with strong experience in field inspections.



Andres McEwen, EI

Evelyn Rodriguez, PE
Design Lead

Evelyn Rodriguez, PE will serve as the Design Lead for projects assigned in this contract. Ms. Rodriguez has 13 years of experience in general civil engineering design. She has designed potable water main and sanitary sewer extensions as well as storm sewer design for private and public projects. She has experience in water resources including control gate structure facilities. She has been the engineer for several pump station design and has assisted in project cost estimates and construction administration services. Ms. Rodriguez's responsibilities include planning, managing, and coordinating various project phases, including pre-design, design, and post-design. She is heavily involved in technical design.



Evelyn Rodriguez, PE

SUBCONSULTANT KEY PERSONNEL

Rafael Urdaneta
Resident Engineer

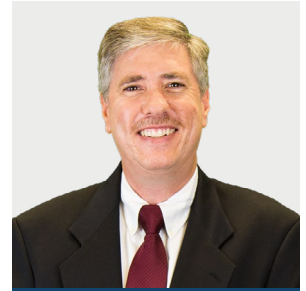
Mr. Rafael Urdaneta has 33 years of engineering experience, including design, construction management, construction project administration, and construction engineering inspection (CEI), with significant experience on roadway and bridge construction projects. His experience includes public and private projects involving buildings, wastewater facilities, utilities, stormwater and drainage systems, water distribution, malls, high rise buildings, petroleum platforms, subdivisions, and medical centers. His background includes managing construction and maintenance projects throughout FDOT Districts Four and Six, for the Miami-Dade County Expressway Authority (MDX), the Cities of Miami Beach, Fort Lauderdale, Hialeah, Delray Beach, North Miami, Miramar, and Pembroke Pines, and Palm Beach and Miami-Dade Counties. His software expertise includes AutoCAD, Office, Revu Bluebeam, Sitemanager, MAC, PTS, HY-8, and WMS.



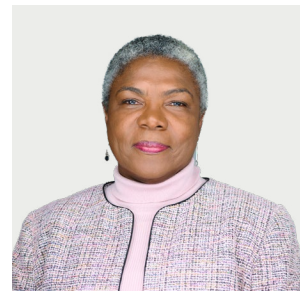
Rafael Urdaneta

Mark Luther, PE***Electrical***

Mark Luther, PE brings over 36 years of Electrical, Instrumentation, Communication, and Control System design experience to this contract. He has actively performed electrical, lighting, communication, fire alarm, instrumentation and control system design/SCADA, upgrade and project engineering for government, transportation, facility, and utility business sectors. He has designed complete electrical distribution, secondary systems, and instrumentation systems for large water and wastewater treatment facilities. Additionally, Mark has designed emergency stand-by power systems for industrial, and commercial facilities, completed startups, testing of electrical systems, cost estimates, and master plan electrical studies. His skills include Value engineering, cost analysis, specification creation, energy analysis, on-site inspections, condition assessment, QA/QC reviews, and electrical system fault and coordination studies. pump stations and water distribution and wastewater collection systems with the lowest cost of infrastructure and lowest energy requirements.

**Mark Luther, PE****Donna Grace, PE*****Grant Management***

Ms. Grace has over 34 years of experience in infrastructure development projects for both the public and private sector. Ms. Grace has worked with several local municipal and public agency clients in developing comprehensive plans, master plans, conceptual and final engineering designs and technical specifications for small, medium and large infrastructure improvement projects.

**Donna Grace**

PROPOSED PERSONNEL QUALIFICATIONS AND EXPERIENCE RELEVANT TO THE SCOPE OF WORK														
Staff Name	Company	Years of Experience	Years with Firm	Education	License	Project / Contract Management	Quality Assurance & Quality Control	FUNCTIONAL AREAS		SUPPORT SERVICES				
								Construction Engineering & Inspection	Design Services	Surveying and SUE Services	Geotechnical Services and Materials Testing	Process Mechanical	Public Information	Electrical Engineering and Instrumentation &
MANAGEMENT														
Jenner Alfaro, PE	EAC Consulting, Inc.	40	17	MS	PE 51855	■	■	■						
Enrique "Rick" Crooks, PE	EAC Consulting, Inc.	38	29	BS	PE 42528	■	■		■					
QUALITY CONTROL AND QUALITY ASSURANCE TEAM														
Andrew Pierce, PE, PMP	EAC Consulting, Inc.	38	9	MS	PE 50271	■	■	■						
Huntley Higgins, PE	EAC Consulting, Inc.	28	17	MS	PE 60726	■	■		■					
CEI TEAM														
Thomas Lau, PE	EAC Consulting, Inc.	15	1	MS	PE 91006			■						
Pedro Mendez	EAC Consulting, Inc.	22	5	BS				■						
Norton Nieves	EAC Consulting, Inc.	28	1	HS				■						
Andres McEwen, EI	EAC Consulting, Inc.	8	1	BS	# 1100019859			■						
Daniel Morales	EAC Consulting, Inc.	4	1	BS	EI #110002585			■						
Robando Alvarez, EI	CAP Engineering, Inc.	9	6	BS	EI #110002073			■						
Rafael Urdaneta	CES Consultants, Inc.	37	2	BS				■						
Walter Sarmiento	CES Consultants, Inc.	25	1					■						
DESIGN TEAM														
Evelyn Rodriguez, PE	EAC Consulting, Inc.	11	7	MS	PE 78548				■					
Mark Luther, PE	Hillers Electrical Engineering, Inc.	36	26	BS	PE 48801				■				■	
Charles Galikman, PE, IEEE AP, Elec	Johnson, Levinson, Ragan, Davila	32	32	AA	PE 59136				■				■	
Keith Larinos, PE	Johnson, Levinson, Ragan, Davila	18	18	BS	PE73794				■		■			
SUPPORT SERVICES TEAM														
Stephen Seeley, PLS	Stephen H. Gibbs Land Surveyors, Inc	45	15	BA	PLS 4574					■				
Garfield Wray, PE	NVS, Inc.	38	10	ME	PE 49734						■			
Clyde Grey, PE	NVS, Inc.	12		MS	PE 80312						■			
Danna Grace, PE	Grace Professional Solutions, LLC	33	2	ME	PE 47050									■
Gregory Harleston	Holt Communications	11	9	BS									■	

PROFESSIONAL LICENSES - EAC CONSULTING, INC.

Ron DeSantis, Governor
Melanie S. Griffin, Secretary

STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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ALFARO, JENNER M
14473 SW 113TH LANE
MIAMI FL 331860000

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CROOKS, ENRIQUE ALEXANDER
723 CRANDON BLVD. APT. #406
KEY BISCAYNE FL 33149

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HIGGINS, HUNTLEY GLENMORE
14255 NW 21 STREET
PEMBROKE PINES FL 33028

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PIERCE, ANDREW C
14213 SW 117TH ST
MIAMI FL 33176

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LAU, THOMAS
325 N STATE ROAD 7
APARTMENT 5304
PLANTATION FL 33317

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RODRIGUEZ, EVELYN LINETTE
2351 DOUGLAS ROAD
APT 909
MIAMI FL 33145

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ORTIZ, RUDY MANUEL
880 SW 145TH AVENUE
SUITE#106
PEMBROKE PINES FL 33027

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GABLEMAN, CHARLES CARTER
103 LUNATA CT
JUPITER FL 33478

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GRACE, DONNA-MARIE ANGELA
11009 NW 81 MANOR
PARKLAND FL 33076

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LORINOS, KEITH EDEL
1161 KINGLET TERRACE
WELLINGTON FL 33414

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LUTHER, MARK E
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Florida Department of Business & Professional Regulation

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LICENSEE DETAILS

Licensee Information

Name:	GREY, CLYDE LORNE (primary Name)
Main Address:	6721 NW 45TH COURT LAUDERHILL, Florida 33319
County:	BROWARD

License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	80312
Status:	Current/Active
Licensure Date:	01/01/2016
Expires:	02/28/2025

Special Qualifications

Qualification Effective	
Civil	12/18/2013
7th Edition, Florida Building Code	01/01/2021

Florida Department of Business & Professional Regulation

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LICENSEE DETAILS

Licensee Information

Name:	WRAY, GARFIELD LEONARD (Primary Name)
Main Address:	14488 COMMERCE WAY MIAMI LAKES, Florida 33016
County:	DADE

License Information

License Type:	Professional Engineer
Rank:	Prof Engineer
License Number:	49734
Status:	Current/Active
Licensure Date:	10/20/1995
Expires:	02/28/2025

Jenner Alfaro, PE

PROJECT MANAGER

46 YEARS OF EXPERIENCE

16 YEARS WITH EAC

AVAILABILITY 70%

EDUCATION

1987 Masters in Civil

Engineering/

Purdue University, West

Lafayette, IN

1977 Bachelors of Science

in Civil

Engineering/Universidad de

Costa

Rica, San Jose, Costa Rica

LICENSES

Registered Professional

Engineer: Florida (No.

51855)

Professional Engineer: Costa

Rica -IC-2142

CTQP QUALIFICATIONS

Quality Manager

OTHER QUALIFICATIONS

TIN# A41643354

FDOT Advanced MOT

FDOT Self Study: Critical

Structures Construction

Issues

AWARDS

- 2019 - "Excellence in Resurfacing Urban Paving - District 4" Award by Asphalt Contractors Association of Florida (ACAF)
- 2016 - "Best in Construction Alternative Contracting" Award by the Florida Transportation Builders Association (FTBA)
- 2016 - "Excellence in Paving Resurfacing - Rural" D6 ACAF Florida

SUMMARY

Mr. Alfaro has more than 46 years of experience working in construction and CE&I projects. With more than 46 years of experience, Mr. Alfaro is a seasoned professional who has managed multi disciplinary teams, nationally and internationally in South Florida, Latin America and the Caribbean for numerous high profile infrastructure projects. His experience includes CE&I and oversight of expressway, roadway, bridge, structures, Intelligent Transportation Systems (ITS) and mass transit projects. state.

EAST PALM DRIVE CANAL CULVERTING (SW 344TH STREET, FROM US-1 TO SW 172ND)

CLIENT City of Florida City | ROLE Senior Project Engineer

Project included the assembling and installation of 1/2-mile canal culverting and roadway reconstruction, construction of french drain on each side of the culvert, drainage structures and pipes, milling and resurfacing, curb and gutter, sidewalk, driveways, lighting and installation of drill shafts and traffic signal high mast arms.

PINE ISLAND ROAD FROM OAKLAND PARK BLVD. TO COMMERCIAL BLVD.

CLIENT Broward County | ROLE Project Engineer

In charge of the CEI team and the day-to-day coordination of the project with the Contractor, CEI inspectors and CSS, and Broward County PM. This project included the reconstruction and widening of the existing 4-lane facility, to a 6-lane divided facility. This project included the installation of 3,000 feet of a 30-inch ductile iron (DIP) water main, drainage system, street lighting, signalization, landscaping, irrigation system, signing and pavement markings.

NW 21ST AVENUE FROM NW 19TH STREET TO OAKLAND PARK BOULEVARD

CLIENT Broward County | ROLE Project Engineer

In charge of the CEI team and the day-to-day coordination of the project with the Contractor, CEI inspectors and CSS, and Broward County PM. This project included the reconstruction of the existing three-lane facility, including bike lanes, sidewalk, 8-inch ductile iron (DIP) water main, 6-inch force main, drainage system including jacked 2,000 feet of a 72-inch RCP passing through a micro tunnel under the CSX R/R, asphalt paving, street lighting, upgrading the signalization system, landscaping, irrigation system, signing and pavement markings.

PALM AVE. WIDENING & RECONSTRUCTION FROM STIRLING ROAD TO GRIFFIN RD

CLIENT Cooper City Utilities | ROLE Project Engineer

Responsible for CEI Services project required the widening and reconstruction of the three lane roadway of Palm Avenue to accommodate a four lane divided typical section from Stirling Road to Griffin Road to increase the traffic flow along the Palm Avenue corridor.. EAC's scope of services included roadway design, signing and pavement markings, signalization and stormwater management.

NORTH BEACH OCEANSIDE BEACHWALK

CLIENT City of Miami Beach | ROLE Senior Project Engineer

In charge of the LAP oversight for 1/2-mile-long walkway with a 25-ft. section built of 7 different paver patters installed over a soil structure composed of 12 inches of LBR-40 stabilized subgrade, a 4.5-inch LBR-100 lime rock base, and a 1-inch sand bedding, revitalized landscaping, beach shower concrete walls, lighting, and security camera infrastructure.

SR-836/I-395 INTERIM PROJECT FROM NE 1ST AVENUE TO MACARTHUR CAUSEWAY

CLIENT FDOT District 6 | ROLE Senior Project Engineer

Responsible for the CE&I services involving roadway and bridge reconstruction on SR-836 and I-395 crossing over the city of Miami. The project consisted of roadway and bridge widening, concrete pavement, edge drains, milling and resurfacing, retaining walls, barrier walls, signing, drainage, lighting, drill shafts, sign structures.

Rick Crooks, PE

PRINCIPAL-IN-CHARGE

38 YEARS OF EXPERIENCE

29 YEARS WITH EAC

AVAILABILITY 10%

EDUCATION

1991 Master of Business
Administration
Florida International
University 1985 BS in Civil
Engineering
University of Florida

LICENSES

Registered Professional
Engineer: Florida (No.
42528)

MEMBERSHIPS

Florida Engineering Society
(FES)
American Society of Civil
Engineers (ASCE)
National Society of
Professional Engineers

AWARDS

FICE/FDOT Outstanding
Project Award – Special
Projects (2013)

SUMMARY

Mr. Crooks is an accomplished engineer with 38 years of experience. His engineering experience is extensive and yet diverse. Mr. Crooks has successfully held positions that range from design engineer to project manager, and as such is familiar with every aspect of consulting engineering. Mr. Crooks has significant experience in the planning, design and management of engineering projects. service. Mr. Crooks has vast experience working for municipalities, FDOT Districts and tolling agencies throughout the state.

EAST PALM DRIVE CANAL CULVERTING (SW 344TH STREET, FROM US-1 TO SW 172ND)

CLIENT City of Florida City | ROLE Principal-In-Charge

Project consisted of culvert installation, pavement widening, milling and resurfacing, utilities adjustment, drainage improvement and striping. Phase I involved striping the eastbound and westbound lanes and closing both eastbound and westbound inside lanes to capture the work area for the installation of the box culvert. This phase also involved installing concrete barrier wall and performing all work for filling in the canal which included relocation of lighting, installation of box culvert, embankment, stabilized subgrade, base and structural asphalt.

KEY LARGO ROADWAY AND DRAINAGE IMPROVEMENTS

CLIENT Monroe County | ROLE Principal-In-Charge

Responsible for design and permitting for the roadway and drainage improvements. The project included approximately 13,000 linear feet of roadway rehabilitation involved either milling and resurfacing or complete reconstruction depending on the respective PCI Indexes. Scope also included correction of roadway cross slopes as needed for drainage. The roadway drainage analysis was provided to meet water quality and drainage design included french drains and swales. Some roads were widened to meet the current roadway width standards.

FLL WESTSIDE TRANSMISSION MAIN IMPROVEMENTS (30-IN, 24-IN & 16-IN DIP)

CLIENT FDOT D6 | ROLE Principal-In-Charge

Provided professional engineering design services for water transmission and distribution improvements within the airport service area to comply with fire flow and potable demand needs. The new west side alignment included the design of a new segment of approximately 4,300 LF of 30-inch, 24-inch and 16-inch Ductile Iron and High Density Polyethylene Transmission water main pipeline.

VILLAGE OF KEY BISCAYNE STORMWATER IMPROVEMENTS

CLIENT Village of Key Biscayne | ROLE Principal-In-Charge

Performed the requisite services to plan, engineer and administer the construction of the needed infrastructure improvements towards protecting the Village's residents and stakeholders from unnecessary flooding and effecting an enhanced level of service for all the Village's stormwater management and associated infrastructure. system.

LAKE SURPRISE ESTATES NEIGHBORHOOD ROADWAY AND DRAINAGE IMPROVEMENTS

CLIENT Monroe County | ROLE Principal-In-Charge

Design and permitting services for roadway and drainage improvements. The project consisted of approximately 11,600 linear feet of roadway rehabilitation involving either milling and resurfacing or complete reconstruction. Scope also included correction of roadway cross slopes as needed for drainage. The roadway drainage analysis was provided to meet water quality and drainage design including french drains and swales. The project included analysis considering sea level rise impact

CITY OF OPA-LOCKA NW 131ST STREET ROADWAY RECONSTRUCTION & DRAINAGE DESIGN

CLIENT City of Opa-locka | ROLE Principal-In-Charge

Preparing engineering design and permitting for the complete reconstruction of the existing roadway. The project design involves drainage improvements, replacement 6-inch asbestos cement watermain with an 8-inch DIP watermain.

Huntley Higgins, PE, PMP

QA/QC REVIEWER

28 YEARS OF EXPERIENCE

17 YEARS WITH EAC

AVAILABILITY 20%

EDUCATION

2001 MS Civil/Environmental Engineering
University of Toronto
1995 BS Civil Engineering
University of the West Indies

LICENSES/CERTIFICATIONS

Registered Professional Engineer: Florida (No. 60726)
Project Management Professional (PMP)

MEMBERSHIPS

American Society of Civil Engineering
American Water Works Association

SUMMARY

Huntley Higgins, PE, PMP has 28 years of Water, Wastewater, and Water Resources engineering infrastructure experience. He has designed and managed projects that include the design of water transmission and distribution mains, wastewater collection mains, force mains, stormwater drainage infrastructure, reuse mains and pump stations, new and rehabilitated.

DIXIE CORRIDOR SEPTIC TO SEWER LIFT STATIONS

CLIENT City of Hollywood | ROLE Project Manager and Senior Civil Engineer
Project Manager and Senior Civil Engineer responsible for the design, permitting and construction administration services for four sewer lift stations in the City of Hollywood (W-08, W-09, W-10 and E-22). One of the lift stations was a complete replacement design for an existing station and the other two were new lift stations that are being added to their network. The project has an estimated construction cost of the project was approximately \$1.3 Million. The goal of the project was to allow residential and commercial properties to disconnect from their septic tanks and connect to sewer treatment systems thereby reducing environmental impacts.

8-INCH DISTRIBUTION PIPING UPGRADE (N 56 AVE, FROM DOUGLAS ST. TO STIRLING ROAD TO N 58 AVENUE)

CLIENT City of Hollywood | ROLE Project Manager and Engineer of Record
Project Manager and Engineer of Record for the design of approximately 5,000 LF of 8-inch DIP water main within the City of Hollywood. The project limits extended from the intersection of N 56th Avenue and Douglas Street, north to Douglas Street and Stirling Road and west to N 58th Avenue and Stirling Road. The project impacted both the City's and FDOT's right of way and as such, designing to both entities' standards was required as well as permitting with both agencies. Services also included Bid and Award Recommendations as well as Construction Administration services including project close-out. The construction costs associated with this project was \$930,000.00. The goal of the project was to increase flow and pressure within the City's distribution system to enhance potable service and firefighting capabilities.

RECLAIMED WATER SYSTEM EXPANSION

CLIENT City of Miramar | ROLE Project Manager
Project Manager responsible for the hydraulic modeling, pre-design, design, permitting and bid support services for approximately 30,000 LF of 8-inch, 10-inch and 12-inch reclaimed water mains using the horizontal directional drill (HDD) method of installation. The limits of the project are bounded by Pembroke Road to the north, SW 48th Court to the South, SW 184th Avenue to the west and SW 160th Avenue to the east. The goal of the project is to expand the City's existing reuse system on the western side of I -75 and reduce its dependency on permitted surface and groundwater withdrawals for irrigation purposes.

NL -1A – 60-INCH DIAMETER (PCCP) FORCE MAIN

CLIENT Miami Dade Water and Sewer Department | ROLE Project Manager
EAC was responsible for the design and permitting of the construction documents for the rehabilitation of Hawco Wastewater Pump Station, aka Lift Station (LS) 23. The lift station was over 20 years old and is located at the intersection of NW 169th Street and NW 32nd Avenue. The scope of work included the replacement of existing pumps with duplex 3HP submersible Flygt pumps and other appurtenances that were designed to accommodate a peak flows for the year 2030 based upon projected population growth and inflow and infiltration. The scope also included electrical upgrades including new electrical panels, emergency alarms, time elapse meters and an emergency generator connection.

Andrew Pierce, PE, PMP

QA/QC REVIEWER

38 YEARS OF EXPERIENCE

9 YEARS WITH EAC

AVAILABILITY 10%

EDUCATION

1985 B.S., – Civil Engineering,
Polytechnic Institute of New
York

1985 B.S., – Geography, State
University New York Oneonta

1996 M.S., – Transportation
Planning and Engineering,
Polytechnic Institute of New
York

LICENSES

Professional Engineer: Florida
- 50271

Professional Engineer: New
York - 68044

Professional Engineer: NJ -
24GE05100

Project Management
Professional - 1930808

ASSOCIATIONS

American Society of Civil
Engineers (ASCE)

SUMMARY

Andrew Pierce, PE, PMP has 38 years of civil engineering project experience and has established outstanding working relationships with governmental permitting agencies throughout South Florida. Andrew is an accomplished civil engineer and construction management executive with more than 35 years of diverse experience in the areas civil design and construction, project planning, and project management.

WASD 60-INCH DIP FORCE MAIN FEASIBILITY STUDY AND DESIGN

Project Manager for Feasibility Study for 60-inch DIP Force Main from South Miami Heights Water Treatment Plant at SW 117th Street and US-1 to 72-inch Pipe at Old Cutler Road. The scope of services included analysis of alternative routes to transport reject water flows for approximately 2.5 miles and design of the pipe for the selected route. In detail, the feasibility scope involved evaluation of minimum impact on existing storm drainage systems, existing underground utilities, existing traffic systems, low impact on business and/or public facilities, minimum ROW or easement acquisition, accessibility and ease of future maintenance, project cost, maximum additional improvements, and minimum public agency coordination. The design scope included the selection of the pipe material, pipe layout configuration, construction method, connection detail, plan and profile, maintenance of traffic plan, pavement restoration, relocation of utilities for the selected route, all related permitting, cost estimates and specifications. The design involved both open cut and micro tunneling construction methods. The design route involved crossing through major roadways such as Turnpike and US1.

PUMP STATION AND FORCE MAIN UPGRADE

Project Manager for pump station and force main upgrades, preparation of construction documents and calculations for new generators and new 480/277 3-phase 4-wire – electrical service equipment for four pump stations. Generator control and synchronization to existing power control system Project Manager for electrical upgrades to Pump Stations 415, 346, 347 and 307. Replacement of existing electrical system and site plan for generators.

BUILDING 1901 PUMP STATION AND FORCE MAIN

Project Manager and EOR for the design of pump station with 455 LF of 3-inch FM. This project included the design and construction observation services for new pump station and force main at the PortMiami (WASD ID # 9146). New Pump station located at Building 1901 to eliminate septic tank and serve build out of Wharf 6 & 7.

EASTERN SPUR PUMP STATION AND FORCE MAIN

Project Manager and EOR for the design of pump station with two Flygt pumps rated at 2.4 HP along with 1980 LF of 4-inch FM and 230 LF of 6-inch sewer laterals. Project included the design and construction observation services for new pump station at the PortMiami (WASD ID # 9144). New Pump station eliminated septic tanks on eastern end of island and served new comfort station facilities.

NW 7TH AVE. 20-INCH WATER MAIN IMPROVEMENTS

This project included the design and engineering plans for 7,450 LF of 20" DIP Water main in NW 7th Avenue (SR 441) from NW 79 St. to NW 112 St. The design included canal crossings (Little River Canal), 30 LF of 16" DIP, 3,500 LF of 8" DIP, 200 LF of 6" DIP and 20 connections to existing water mains. The design plans were coordinated with FDOT plans to resurface NW 7th Ave. which is a six lane FDOT road along with other consultants installing a sanitary sewer collection system crossing on NW 7 Ave.

GREENS POINT 66-INCH WATER TRANSMISSION PIPELINE

This project involved transmitting surface water to the north and northwest areas of the City and adjacent areas of Harris County, Texas and supplying those areas currently served by the wells so that the wells can be abandoned. The overall project was comprised of five contracts, totaling approximately 46,000 LF of 66-inch water transmission line and several distribution system extensions of approximately 4,000 LF of 12", 16", and 20" water lines to improve delivery pressures, flow and fire protection. Specifically, EAC's staff member was responsible for the design of 1,600 LF of 66-inch steel water pipeline bypass to facilitate the future development.

Pedro Nazario Mendez

RESIDENT ENGINEER

22 YEARS OF EXPERIENCE

5 YEARS WITH EAC

AVAILABILITY 100%

EDUCATION

2019 BS in Civil Engineering
Florida International University
2001 BS in Geology
University of Puerto Rico-
Mayaguez

CERTIFICATIONS

- (MSHA) Mine Safety and Health Administration
- 40-Hour (OSHA) HAZWOPER - Hazardous Waste Operations and Emergency Response
- 30-Hour (OSHA) Construction Industry
- 10-Hour (OSHA) Construction Industry
- NASSCO – Pipeline Assessment
- NASSCO – Manhole Assessment
- NASSCO – Lateral Assessment
- IMSA Traffic Signal Inspector
- FDOT Temporary Traffic Control Advance
- FDOT-CTQP Earthwork Construction Inspection
- FDOT-CTQP Asphalt Paving Technician
- FDOT Critical Structures Construction Issues
- FDOT Auger Cast Pile
- FDOT MSE Wall
- ACI – Concrete Field Technician
- ACI – Concrete Strength Testing Technician
- Troxler and CPN – Radiation Safety and Use of Nuclear Gauge
- NDOT-NAQTC Sampling and Density

SUMMARY

Mr. Mendez has 22 years of experience in the construction industry. He is dynamic, detailed oriented, strong comprehensive leadership with on-site staff management background in the areas of geotechnical engineering, construction materials testing, and environmental consulting services in several states, including: Florida, Louisiana, Colorado, Arizona, Nevada, California, Illinois and the Commonwealth of Puerto Rico. Pedro is a construction manager for major projects in the Miami-Dade County's Consent Decree Program.

DESIGN-BUILD SLUDGE THICKENING AND DEWATERING BUILDINGS PROJECTS

CLIENT Miami-Dade Water and Sewer Department | ROLE Senior Inspector
Projects: CD 1.06 and 1.08| South District Wastewater Treatment Plant (S-884) and CD 2.12, 2.13, 2.16, and 2.18(2) | Central District Wastewater Treatment Plant (S-888)

The scope of work involves all resources and professional services to perform the planning, engineering design, coordination with Water and Sewer Operations, permitting, construction, code compliance inspections, concrete, soil and other materials testing furnishing of all materials, fabrication and installation, labor and equipment for the construction of all civil/site, process mechanical, architectural, structural, electrical, instrumentation, plumbing, heat ventilation air conditioning, fire protection, odor control components and all other necessary components for design, construction and commissioning.

CENTRAL DISTRICT WASTEWATER TREATMENT PLANT CONSENT DECREE PROJECTS

CLIENT Miami-Dade Water and Sewer Department | ROLE Senior Inspector
Projects: CD 2.03| Headworks Upgrade Plant 1, CD 2.04| Headworks Upgrade Plant 2, CD 2.18(1) Odor Control, CD 2.24 (2) Gas Monitoring and CD 2.25 (2) Ventilation Improvements – \$16 Million.

CD 2.15 (1) Plant 2 Cluster 1 Digester Upgrades – \$25 Million.

CD 2.15 (2) Plant 2 Cluster 2 Digester Upgrades – \$30 Million.

CD 2.17 Chlorination Facilities – \$14 Million.

CD 2.22 Upgrade to Pump Station 2 – \$4 Million.

The scope of work involves civil, demolition, architectural, structural, instrumentation, mechanical, HVAC and electrical construction.

NORTH DISTRICT WASTEWATER TREATMENT PLANT CONSENT DECREE PROJECTS

CLIENT Miami-Dade Water and Sewer Department | ROLE Senior Inspector
Projects: CD 3.02 (2) | Rehabilitation of Primary Clarifiers and Mechanical Equipment – \$40 Million.

CD 3.05 (2) | Rehabilitation of Secondary Clarifiers and Effluent Piping – \$23 Million.

CD 3.06| Disinfection Facility Improvements – \$13 Million.

The scope of work involves civil, demolition, architectural, structural, instrumentation, mechanical, HVAC and electrical construction.

Thomas Lau, PE

RESIDENT ENGINEER

20 YEARS OF EXPERIENCE

1 YEAR WITH EAC

AVAILABILITY 100%

EDUCATION

Master of Science in Civil
Engineering: May 1997

Bachelor of Science in Civil
Engineering: June 1994

CERTIFICATIONS

State of Florida Professional
Engineer License: PE91006
Expiration date: February 28, 2025

SUMMARY

Construction Manager for transit infrastructure for Broward County Transit (BCT) Capital Program and San Francisco Municipal Transportation Agency. Responsible for administering design and construction contracts for public transportation infrastructure, such as bus maintenance and storage facilities, bus terminals, bus rapid transit (BRT), and light rail system.

LIFT STATION 153 REHABILITATION

CLIENT City of West Palm Beach | ROLE Project Manager

Existing Lift Station 153 was antiquated and requires major upgrades to the equipment to continue its service to the surrounding community. This lift station is located within the City of West Palm Beach (CWPB) and is part of an expansive wastewater collection system. To improve reliability and ease of maintenance, CWPB has decided to convert the station from surface mounted pumps to submersible ones. The scope of work includes mechanical, structural, and electrical improvements. As Project Manager. Responsible for review of project plans and specifications; material quantity estimates; project submittals and construction schedule; lead progress meetings with stakeholders, to handle outstanding issues and coordination of work. In addition, reviewed and approved progress payments, maintained logs for submittals, shop drawings, change orders, and request for information. Provided the client with daily construction reports and quality assurance field inspections that the work conforms to plans and specifications.

FORT LAUDERDALE/HOLLYWOOD INTERNATIONAL AIRPORT PASSENGER BOARDING BRIDGE REPLACEMENT

CLIENT Broward County Aviation Department | ROLE Project Manager

Broward County Aviation Department is in the process of replacing thirty-nine passenger boarding bridges at the Fort Lauderdale/Hollywood International Airport. This project will take multiple years to complete at the rate of one passenger bridge replaced each month. EAC Consulting Inc. provides management of the quality assurance materials testing services for the replacement of the passenger boarding bridges. The scope of services include the following: field testing services for soils, concrete and hurricane tie-down anchors; laboratory testing services of the soil and concrete samples; project administration and construction engineering inspection services for the bridge replacement including visual weld inspection and bolt torquing services. Reviewed project plans, specifications, and construction schedule; attended progress meetings with stakeholders to handle outstanding issues and coordination of work. In addition, prepared monthly payment requests and progress reports ; maintained project log and filing system for special inspection reports completed. Coordinated and scheduled special inspections.

RAVENSWOOD BUS MAINTENANCE FACILITY REPAIRS AND RETROFIT:

This facility consists of a 60,000 square feet maintenance building, a 13,000 square feet fuel and wash area, and a three-story garage with 268 parking spaces. Design/Bid awarded to remove and replace reinforced concrete slabs over existing underground fuel tanks; water- proof parking garage ramps; provide and install new lightning protection for entire facility; repair and repaint bus wash area walls. Approximate cost: \$1.5 million

Norton Nieves

SENIOR INSPECTOR

28 YEARS OF EXPERIENCE

1 YEAR WITH EAC

AVAILABILITY 80%

EDUCATION

1991 – Electrical Industrial Technician, Instituto Politecnico de Oriente, Holguin, Cuba

LICENSES

General Engineering & Building Contractor #201901589

CTQP QUALIFICATIONS

TIN # N412062071
Asphalt Paving Level 1 & 2
Drilled Shaft Inspection
Pile Driving Inspection
Concrete Field Inspector
Specification
ACI Concrete Field-Testing Technician

OTHER QUALIFICATIONS

Advanced MOT
Florida Construction Stormwater Inspector
FDOT Self-Study:
Final Estimates 1
MSE Wall
Auger Cast Pile
Certifications
Traffic Signal Technician Level 1
Portable Nuclear Gauge Safety & Hazmat
OSHA 30 Hour Construction Safety
OSHA Confined Space
Primavera P6 Scheduling
Microsoft Professional Offices

SUMMARY

Mr. Nieves has 28 years of experience working in the construction industry, with 24 years in South Florida. His list of projects is very diverse: Bridges, Water, Sewage, Stormwater, and Vertical Construction. He is a seasoned Senior Inspector who has provided services to the City of Miami Beach, City of Miami, City of Florida City, Miami-Dade Water and Sewer Department (MDWSD) Consent Decree Program, MDWSD Central (Virginia Key) and South (Black Point) Districts, Miami-Dade County Public Works, Miami-Dade Road, Bridge & Canal Maintenance, Miami-Dade County Public School and Florida Department of Transportation (FDOT) District 6. Norton worked as a Superintendent for more than \$43 million in the construction of schools. His experience includes Cost Estimating and Construction Management for CDWWTP.

60-INCH PCCP FORCE MAIN (NL-1A) WEST SEGMENT ALONG 162ND STREET FROM NW 6TH AVE TO NE 8TH AVE

CLIENT Miami-Dade Water and Sewer Department | ROLE Senior Inspector

In charge of documenting preconstruction site conditions, monitoring soft digging exploratory on all conflicts identified by the Contractor along more than 5,000 feet of force main installation. He is familiar with WASD Database Proliance and E-Builder.

CONSENT DECREE PROGRAM

CLIENT Miami-Dade Water and Sewer Department | ROLE Senior Inspector

CD-5.9, Replacement of Regional Pump Station 301, including 54" gravity sewer line, bypass sewer pumps and a 2-stories electrical building in Sunny Isles.

CD-4.5, South Dade 54-inch PCCP FM Rehabilitation 4.1 Mile from SW 280 St & SW 127 Ave to existing 54-inch FM at SW 248 St and SWE 107 Ave. CD-5.18 (4) Upgrade Pump Station 0827.

CD-5.18 (4) Upgrade Pump Station 0827, located at 9230 SW 103rd Ave in Kendall.

CD-4.09 (34-43, 46) Installation of a 8", 10" and 12" wastewater lines, including a 140"x20" steel casing jack and bore across under the busway at SW 168th St.

CD 4.09 (48-53, 63) Wastewater line replacement (different zones). Including Pump Stations # 1017, 1028 & 1029.

CD 4.09 (60-62) Wastewater line replacement from Pump Station # 1013 to Pump Station # 1012, including 12-inch HDPE directional boring under Turnpike Bridge and replacement of a 10-inch ACP for a DIP pipe.

CD 4.09 (29-31) Wastewater line with a 10-inch DIP replacement from Pump Station # 0811 to Pump Station # 0812, including 10-inch HDPE directional boring under Building Complex Parking Lot.

CD 5.11 72 hours continuous operation for the interconnection of a PCCP 72-inch and PCCP 48-inch in Kendall.

CD 6.00 Installation of 7,700 LF of a 12-inch DIP gravity sewer and 657 LF of a 12-inch DIP force main.

CENTRAL DISTRICT (VIRGINIA KEY) S-870 INJECTION WELLS

CLIENT Poole & Kent Contractors | ROLE Construction Manager

Project consisted in the construction of a massive 4-story 60'x80' concrete structure, with two floors below grade for the wet wells and the ingress of 5 influent channels.

Andres McEwen, EI

CONTRACT SUPPORT SPECIALIST

8 YEARS OF EXPERIENCE

1 YEAR WITH EAC

AVAILABILITY 50%

EDUCATION

2014 Bachelor of Science in Environmental Engineering, Water Resources, Hydraulic Engineering, Water Supply and Wastewater Engineering; Florida International University (FIU)

LICENSES

EI #1100019859
ENV SP: 31770
OSHA 10: 14511631
OSHA 30: 7045714
CGC #1519440
TIN # M25000676

CTQP QUALIFICATION

TIN # M25000676
Earthwork Construction Inspection – Level I.
Final Estimates – Level 1
AMOT
SFESCI
Asphalt Pavement – Level 1

SKILLS

Microsoft Office
Bentley
WaterGEMS
PondPack
CulvertMaster
FlowMaster
AutoCAD (Basic)
Mathcad 13 (Basic)
GIS ArcMap
PCTS (Basic)

SUMMARY

Mr. McEwen has been working since 2015 in the wastewater industry in diverse roles including, but not limited to, sample and data collecting and processing to create polymer curves for a thickening and dewatering project; generating reports to the EPA as the assistant project manager for the Miami-Dade County Consent Decree Compliance and Regulation team; and collaborating as a field inspector with supervisors, construction crews and clients to deliver a quality product according to contract documents. He is knowledgeable in all aspects of how wastewater treatment plants, transmission lines, and pump stations work. Andres has performed field supervision of consultant inspectors during asphalt and concrete placement, structural reinforcement, masonry, earthwork, structural welding, sheet piling, micro-piles, and auger cast piles installation. Additionally, he coordinated field meetings between relevant parties to correct field conditions or conduct shutdowns, verified materials deliveries and labor quantities, reviewed pay apps, coordinated and conducted pressure testing activities, participated in construction meetings, generated daily construction and weekly safety reports, collected field data and conditions to overcome construction challenges and disputes. Andres is a dedicated team player with a passion for protecting the environment and improving our communities.

USEPA CONSENT DECREE (CD) MIAMI-DADE COUNTY (MDC) – PROGRAM, DESIGN & CONSTRUCTION MANAGEMENT (PMCM) AND SUPPORT SERVICES

CLIENT Miami-Dade County Water and Sewer Department | ROLE Senior Field Inspector
REFERENCE Daniel Lizarazo, PE. 305-205-0902

Relevant CD Projects:

CD 1.02 SDWWTP Oxygen Production Upgrades | Jan 2019 – May 2022 | \$9,084,330.
CCD 1.03 SDWWTP Oxygenation Basins No. 3 and 6 Rehab. | March 2018 – May 2020 | \$2,310,718
CD 1.05(1) SDWWTP Effluent Wet Wells 1-4 Rehab | March 2018 – May 2020 | \$US 1.883.808
CD 1.05(2) SDWWTP Effluent Pump Station Electrical Improvements | Oct. 2019 – May 2022 | \$25,576,690
CD 1.09 SDWWTP FOG Removal Facility Upgrades | March 2018 – Feb. 2020 | \$3,907,644
CD 1.10 SDWWTP Odor Control | January 2018 – May 2020 | \$11,250,000
CD 1.12 SDWWTP Tank Rehab for Chlorine Contact Chambers 1-4 | March 2018 – May 2020 | \$3,476,500

USEPA CONSENT DECREE (CD) MIAMI-DADE COUNTY (MDC) – PROGRAM, DESIGN & CONSTRUCTION MANAGEMENT (PMCM) AND SUPPORT SERVICES

CLIENT Miami-Dade County Water and Sewer Department | ROLE Compliance and Regulation - Assistant Project

Populated REFERENCE Cynthia Doyon, 754-246-2595

Coating removal, resurfacing, and recoating of chlorine contact chambers. 60-inch sluice gates replacement.

SEMINOLE CASINO HOTEL SANITARY SEWER AND POTABLE WATER SYSTEMS IMPROVEMENTS

CLIENT Seminole Tribe of Florida Immokalee Reservation | ROLE Senior Inspector

Tapping 8" PW line, install backflow preventers and reduced pressure zone assemblies (3), connect to casino's PW system. 8'*20' pump station installation with new pole mounted transformer, controls, and emergency generator, SS manholes structural refurbishing, pavement placement and site restoration.

Evelyn Rodriguez, PE, ENV SP

DESIGN LEAD

13 YEARS OF EXPERIENCE

13 YEARS WITH EAC

AVAILABILITY 40%

EDUCATION

2013 MS Engineering Management
Florida International University

2010 BS Civil Engineering Florida
International University

LICENSES

Professional Engineer: Florida -
78548

ASSOCIATIONS

American Society of Civil Engineers
(ASCE)

CERTIFICATIONS

Envision Sustainability Professional

SUMMARY

Evelyn Rodriguez, PE, ENV SP is a Project Manager in the Civil Department. Ms. Rodriguez has 13 years of experience in general civil engineering design. She has designed potable water main and sanitary sewer extensions as well as storm sewer design for private and public projects. She has experience in water resources including control gate structure facilities. She has been the engineer for several pump station design and has assisted in project cost estimates and construction administration services. Ms. Rodriguez's responsibilities include planning, managing, and coordinating various project phases, including pre-design, design, and post-design. She is heavily involved in technical design.

REHABILITATION OF CITY NORTH MIAMI WASTEWATER PUMP STATIONS (PS-24, PS-12 AND PS-10)

CLIENT City of North Miami | **ROLE** Engineer

Engineer responsible for the design of three pump stations owned by the City identified with insufficient capacity per the City's hydraulic analyses as part of the City's Sanitary Sewer Master Plan. The pump stations will require upgrades to satisfy the minimum working conditions and comply with jurisdictional and regulatory standards for operations. These pump stations are: 1) PS 24- Hospital Station located at NE 16th Avenue and NE 125 St 2) PS 10- Sans Souci 1 located on Canal Drive between NE 117 Rd and NE 118th Rd 3) PS 12- Sans Souci 3 located on 2100 Sans Souci Blvd. At the intersection of NE 122nd road and Canal Drive, there was ponding issues. EAC designed the regrading of the intersection to address the drainage issues with a drainage inlet that connects to the existing drainage system.

SOUTHWEST BOOSTER PUMP STATION SP-1

CLIENT Miami-Dade Water and Sewer Dept. | **ROLE** Engineer of Record

Engineer of Record responsible for the site development, underground engineering design and permitting for the Southwest Booster wastewater Pump Station SP-01. Booster PS SP-1 was to be located within a 60,000 square-foot parcel at the Miami Executive Airport which is owned by the Miami-Dade Aviation Department (MDAD) on a parcel on SW 136th Street, 35-feet north of the street aligned with the southernmost border of the airport property in unincorporated Miami-Dade County, Florida PS SP-1 is a 67-MGD (2035 wet weather flow based capacity) new pump station proposed to alleviate high system pressures in the northern section of the South District conveyance and transmission system and to increase the system capacity, specifically the Country Walk area. The design criteria for the pump station was based on dry weather flows (DWF) and wet weather flows (WWF) for the years 2022 and 2035. Due to the wide range of head and flow values to be managed by the pump station, the use of variable frequency drives and two sets of pumps were proposed. One set of pumps will manage the lower portion of the flow and head range and a second set of pumps will manage the higher portion of the flow and head range.

BISCAYNE BOULEVARD (US-1) 12" FM

CLIENT City of North Miami | **ROLE** Civil Designer

Civil Designer responsible for the design of a 12-inch force main, preparation of technical specifications and Engineer's probable cost of construction. The project included the replacement of an existing portion of City of North Miami 8-inch forcemain with a new 12-inch forcemain, connecting existing private pump stations to the new 12-inch forcemain and redirecting the flow by connecting to the City's existing 12-inch forcemain to meet regulatory, adequate capacity and hydraulic criteria. The project was located at: NE 105 Street, Biscayne Boulevard, NE 107 Street, East Dixie Highway and NE 16 Avenue.

DIXIE CORRIDOR SEPTIC TO SEWER LIFT STATIONS

CLIENT City of Hollywood | **ROLE** Civil Designer

Civil Designer responsible for the design, permitting and construction administration services for four sewer lift stations in the City of Hollywood (W-08, W-09, W-10 and E-22). One of the lift stations was a complete replacement design for an existing station and the other two were new lift stations that were being added to their network. The project had an estimated construction cost of \$1.3 Million. The goal of the project was to allow residential and commercial properties to disconnect from their septic tanks and connect to sewer treatment systems thereby reducing environmental impacts.

Daniel Morales, EI

INSPECTOR

4 YEARS OF EXPERIENCE

1 YEAR WITH EAC

AVAILABILITY 70%

EDUCATION

2020 Bachelors of Science in Civil Engineering, Florida International University, Miami, FL

LICENSES

Engineer Intern #1100025855

CTQP QUALIFICATIONS

TIN# M64216695

Asphalt Paving Level I

Earthwork Construction Inspection – Level I

FDOT Concrete Field Inspector Specification

Earthwork Construction Inspection Level 2

CERTIFICATIONS

FDOT Intermediate Temporary Traffic Control

Concrete Specifications

Nuclear Gauge Safety

IMSA Fiber Optics Technician

Hazmat

FDOT Critical Structures Construction

MSE Walls CBT Training

Auger Cast Piles CBT Training

NHI Safety of In-Service Bridges

SUMMARY

As an engineering professional early in his career, Mr. Morales has already worked in major projects in South Florida worth more than \$200 million of construction. He has worked alongside well-established professional engineers, project managers, senior inspectors, construction managers and designers in these high-profile, landmark projects. He is experienced in FDOT specifications and standards as well as knowledge of relevant regulations and laws. Daniel has a vast experience in the inspection of the removal, replacement and installation of regulatory, warning, and guide signs, with FDOT 4 & 6 projects and the City of Miami. Daniel inspected the signage portion of the Golden Glades Multimodal Transportation Facility, which included a pedestrian bridge providing access to the SFRTA/Tri-Rail Station.

MARY BRICKELL VILLAGE DRAINAGE AND ROADWAY IMPROVEMENTS AND SW 1ST AVENUE MILLING AND RESURFACING

CLIENT City of Miami District 2 | ROLE Roadway Inspector

Roadway Inspector for the improvement of drainage and roadway throughout the Mary Brickell Village area and adjacent streets. The project includes pavement restoration, drainage improvements, new concrete sidewalks, new curbs and gutters, medians, new ADA ramps, pavement markings and signage, and landscaping. His tasks have included noting corrections needed to bring plans into compliance, updating as-built plans, ensuring work performed followed plans and specifications, closely examining MOT setups, assisting with inspecting/recording earthwork activities (such as embankment, subgrade, and base), inspecting, and recording drainage activities, and assisting with paving operations. Keeps daily work logs of inspections, and a photo log of all activities inspected. Construction cost: \$1.3 Million. Reference: Jenner Alfaro, PE, Senior Project Manager, Phone: (305) 302-6677; Valentine Onuigbo, PE, City of Miami Sr. CM, Phone: (786) 447-9817. June 2022-Present

FDOT D4 I-95 EXPRESS LANES PHASE 3A-1 FIN NO. 433108-4-52-01 FLORIDA DEPARTMENT OF TRANSPORTATION D-4

CLIENT FDOT District 4 | ROLE Roadway Inspector

Roadway Inspector for the major roadway reconstruction of I-95 in Broward County from Davie Boulevard to Commercial Boulevard for the installation of more than 6 miles of express lanes. The project includes roadway and bridge widening (NW 6th St, NW 19th St, Oakland Park Boulevard, NW 38th Street, Powerline Road, Prospect Road, and Commercial Boulevard), milling, and resurfacing, drainage, temporary and permanent lighting, noise walls, guardrails, barrier walls, and ITS. His tasks included noting corrections needed to bring plans into compliance, updating as-built plans, ensuring work performed followed plans and specifications, approving shop drawings, looking closely over MOT setups, inspecting ITS systems, assisting with inspecting/recording of earthwork activities (such as embankment, subgrade, and base), inspecting, and recording drainage activities, and assisting with paving operations. Kept daily work logs of inspections, and a photo log of all activities inspected. Construction cost: \$153 Million. Reference: Greg Spelios, PE, Phone: (305) 321-7772; William Gray, PE, FDOT PM, Phone: (954) 940-7511. Start/End: January/2020-June 2021



RAFAEL URDANETA

Resident Engineer

Availability: 100%



YEARS EXPERIENCE

37

EDUCATION

Construction Management
Certification, Florida Atlantic
University, 2007

BSCE, Universidad Rafael Urdaneta,
Venezuela, 1987

CERTIFICATIONS & TRAINING

Stormwater Management Inspector

FES Stormwater Management
Designer

FDOT Local Agency Program &
FHWA Certification

CTQP Asphalt Paving Levels 1 & 2

CTQP Drilled Shaft Inspection

CTQP Earthwork Construction
Inspection Levels 1 & 2

CTQP Final Estimates Levels 1 & 2

CTQP QC Manager

Excavation & Safety OSHA Certified

USACE Construction Quality
Management for Contractors

FHWA-NHI Safety Inspection on
In-Service Bridges

ACI Concrete Transportation
Construction Inspection

Natural Resources Management,
L'Università degli studi di Urbino
Carlo Bo, Italy, 1988

Maintenance of Traffic, Advanced

IMSA Traffic Signal Technician
Level 1

Mr. Rafael Urdaneta has 37 years of engineering experience, including design, construction management, construction project administration, and construction engineering inspection (CEI), with significant experience on roadway and bridge construction projects. His experience includes public and private projects involving buildings, wastewater facilities, utilities, stormwater and drainage systems, water distribution, malls, high rise buildings, petroleum platforms, subdivisions, and medical centers. His background includes managing construction and maintenance projects throughout FDOT Districts Four and Six, for the Miami-Dade County Expressway Authority (MDX), the Cities of Miami Beach, Fort Lauderdale, Hialeah, Delray Beach, North Miami, Miramar, and Pembroke Pines, and Palm Beach and Miami-Dade Counties. His software expertise includes AutoCAD, Office, Revu Bluebeam, Sitemanager, MAC, PTS, HY-8, and WMS.

Experience includes:

Liberty Street Improvements, Hollywood, FL: Construction Project Manager/Contract Support Specialist for the Broward County Transportation Surtax Municipal Rehabilitation and Maintenance (R&M) project that includes approximately 350 LF of sidewalk replacement, ADA upgrades, drainage/stormwater repairs, and pavement resurfacing on Liberty Street between N 33rd Avenue and N 31st Avenue to benefit pedestrians and drivers. The City of Hollywood selected CES to provide ongoing CEI/CPM services for primarily Surtax and LAP funded roadway projects, which include stormwater and drainage improvement projects. The scope of services includes: review documentation including construction contract, engineering design/material specifications, and field/survey data; serve as the City Representative during the Construction Phase; conduct continuous daily on-site inspections to check the quality or quantity of the work and submit a daily inspection report to ascertain the progress of the Project and to determine in general if the work is proceeding in accordance with the Contract Documents; schedule and attend weekly progress meetings with the City and Contractor; guard the City against defects and deficiencies in the work; ensure that the Contractor is making timely, accurate, and complete notations on the as-built drawings; review and respond to RFIs and Shop Drawings; review and provide Certificate of Substantial Completion; provide punch list of all discrepancies and defects that require correction; issue Certificate of Final Completion; and comply with all Surtax construction documentation requirements including but not limited to CBE monitoring, certified payroll reviews, etc.

SR 7 Grouping CEI Services, FM 425598-1-52-01 and FM 430817-1-52-01, FDOT District Six, FL: Contract Support Specialist responsible for processing pay estimates, weather letter, MAC, and all materials certification process, reviewing all dailies reports, keeping as-builts, and project closeout. This CEI contract that included two projects. The South project (425598-1) included a complete reconstruction of SR 7 from NW 8th Street to NW 36th Street with an estimated cost of \$22 million. The South project included the installation of a new water main and sanitary sewer line under a JPA with MDWASD. The North project included resurfacing SR 7 from 36th Street to 78th Street with ADA and drainage improvements and also included removing the existing 8" concrete pavement from the center of the roadway. The estimated cost of the North project was \$6.1 million. Project Length: 4 Miles.

Pines Boulevard (SR-820) and I-75 (SR-93) Interchange CEI Services, City of Pembroke Pines LAP, FM 414152-2-58-01, FDOT District Six, FL: Project administrator responsible for overseeing and monitoring all aspects of the project. Supervised field inspection team, provided guidance and resolution on field changes, and observed schedule and budget. The project included modifying the existing interstate overpass, entrance and exit ramps from a rural configuration to an urban configuration, as well as widening, signalization, landscaping, and access management improvements. A "No-excuse Bonus" (250K) with an "Incentive-Decentive" contracting method was utilized. Cost: \$12.5 million. Project Length: 1.26 miles.



WALTER SARMIENTO

Senior Roadway Inspector

Availability: 100%



YEARS EXPERIENCE

25 Availability 100%

EDUCATION

Computer Programmer, Florida
Computer & Business School,
Miami, Florida, 1990

Computer Analyst, Unitec
(Universidad Tecnológica), Bogotá,
Colombia, 1989

CERTIFICATIONS

TIN: S65590163

CTQP Asphalt Paving Level I & II

CTQP Concrete Field Tech Level I

CTQP Earthwork Construction Level
I & II

CTQP Drill Shaft Inspection

CTQP Final Estimates Level I

ACI Concrete Field-Testing Technician

IMSA Traffic Signal Technician

Nuclear Safety Certification

Hazmat Nuclear Devices
Transportation

FDOT Maintenance of Traffic Advance

FDOT MSE Wall & Reinforced Soil
Slopes

OSHA 30 Certified

EXPERTISE & TECHNICAL SPECIALTIES

FDOT PrC & one Network

FDOT MAC

FDOT Earthwork Record System (ERS)

ERS Plot Graphs for Density Log
Books

MS Office

Mr. Walter Sarmiento has over 25 years of experience on FDOT District IV and District VI roadway construction projects and miscellaneous structure inspection with operations including asphalt pavement, drainage installation, lighting installation, signalization installation, bridge construction, noise wall construction, boat ramp construction, bulkhead wall construction, and landscaping installation. Walter has a diverse technical background that includes computer-aided design.

Experience includes:

Broward County Project No's 9921-69, 9921-90, 9921-95, 9921-97, 9921-113, 9921-114, School Zone Flasher Improvements Projects, Broward County, FL: Senior Roadway Inspector for project improvements, to include installing new electrical service wire, aluminum signal pole, new sidewalk, signage, sign beacons, and thermoplastic pavement markings. Walter was in charge of inspecting all aspects of construction.

FDOT D4 SR AIA Mobility Improvements Project, FM# 441360-1-52-01, Broward County, FL: Senior Roadway Inspector for this project with an estimated construction cost of \$6,377,643. Project improvements include milling and resurfacing the existing travel lanes, widening the roadway to accommodate designated bike lanes, adding a sidewalk along the west side of the roadway between Opal Towers and SE 10th Street, upgrading existing mid-block pedestrian crossings with Rectangular Rapid Flashing Beacon Signs, raising the roadway elevation from 900 Hillsboro Mile to south of Le Baron Apartments.

FDOT D4 NW 21st Ave. from Oakland Park Blvd. to Commercial Blvd., Broward County, FL: Senior Roadway Inspector for this \$8M project that includes the bridge replacement over the C-13 canal, roadway widening, milling and resurfacing and new signalized intersections.

FDOT D4 NW 19th Street From SR441 to Power Line Road, Broward County, FL: Senior Roadway Inspector for this project to widen the road for installation of 4' wide bike lanes in both directions East and West bound. List of activities included both major roadway and structural components such as: installation of several drainage structures, running drainage aluminum pipes, replacing all existing road signs, replacing several lighting fixtures, and installing one light pole. Reconstruct 1500' of sidewalk and all medians along the corridor, pavement reconstruction and landscape activities.

FDOT D4 I-595 Express, Broward County, FL: Roadway Inspector on the Fast Lane construction on the median of the I-595 corridor, including retaining wall and MSE wall construction inspection, earthwork for temporary lanes and drainage installation inspection, miscellaneous concrete inspection, and documentation.

FDOT D4 Oakland Park Blvd., Broward County, FL: Senior Roadway Inspector on the milling and resurfacing, signalization, irrigation, landscaping, drainage and miscellaneous concrete inspection and documentation.

FDOT D4 Pembroke Road/Stirling Road, Broward County, FL: Senior Roadway Inspector on the milling and resurfacing, signalization, irrigation, landscaping, drainage and miscellaneous concrete inspection and documentation.

Griffin Road Construction, Broward County, FL: Roadway Inspector for reconstruction of a section of Griffin Road in Broward County. Responsible for field inspection and oversight contractor's operations to include drainage structure and pipe installation, French drain construction, earthwork operations, concrete, and noise wall erection, clearing and grubbing, asphalt operations, concrete operations, utilities relocation and landscaping. Duties included sampling and testing of materials as required by contract documents.



**ROLANDO ALVAREZ, EI
CIVIL ENGINEER**

Availability: 80%

Mr. Alvarez has over nine (9) years of experience working as an Engineering Intern. He has inspected Water & Sewer designs with CAP Engineering as CADD production technician and designer under the management of Mohan Thampi, PE.

EDUCATION

B.S. in Civil Engineering
Florida International University

Associates in Arts with Major in
Architecture
Miami Dade College

STATE OF FLORIDA LICENSES

Engineering Intern #:
1100020732

CERTIFICATIONS

Stormwater Management Inspector
52619

WORK EXPERIENCE

Village of Biscayne Park Project Management Drainage & Roadway Improvement

2022 – 2023

Inspections

- Miami Dade County Public Schools civil, drainage, water & Sewer Inspections
- Miami Dade College Civil, Drainage Water and Sewer inspections

Belen Master Plan

2022 – Present

- Site development
- Drainage, paving and grading design and permitting ((Special drainage district – North Trail Basin/ Water controls Section -DERM)

South Bay NW 10th Avenue, FID:448101-1-54-01

2022 - Present

- Roadway reconstruction design
- Utility coordination
- Water and sewer

SW 1st Street Drainage Correction

2022

- Design
- Construction management

832 & 836 Apple Residence

- Drainage Design

5520 Banyan Drive-Tovar Residence

- Drainage paving and grading.

Belen New Parking Lot

2021

- Parking lot design and drainage paving and grading (Special Drainage District – North Trail Bason/ Water controls Section- DERM)

Belen New Athletics Facility

2021 – Present

- Drainage design (Special drainage district – North Trail Basin/ Water controls Section -DERM)
- Water and sewer design and permitting

Rolando Alvarez, EI
Civil Engineer



PROFILE

Mark Luther, Senior Vice President, brings over 36 years of electrical, instrumentation, communication, and control system design experience to this contract. He has actively performed electrical, lighting, communication, fire alarm, instrumentation and control system design/SCADA, upgrade and project engineering for government, transportation, facility, and utility business sectors. Designed complete electrical distribution, secondary systems, and instrumentation systems for large water and wastewater treatment facilities. Designed emergency stand-by power systems for industrial, and commercial facilities, completed startups, testing of electrical systems, cost estimates, and master plan electrical studies. Skills include

SKILLS

Value engineering, cost analysis, specification creation, energy analysis, on-site inspections, condition assessment, QA/QC reviews, and electrical system fault and coordination studies.

Proficiency with SKM Power Tools for Windows DAPPER, CAPTOR, TMS, and ARC FLASH; AutoCAD, LitePRO.

CONTACT

PHONE:
561-451-9165 x229

EMAIL:
mluther@hillersee.com



MARK LUTHER, P.E.

Senior Vice President
Chief Electrical Engineer

Availability: 60%

EDUCATION

Boston University – 1987

Bachelor of Science in Electrical Engineering

PROJECT HIGHLIGHTS

ECRWF Headworks and Grit Removal Improvements

Design complete 2017

Electrical, Instrumentation, Control, and SCADA design of the replacement of four (4) existing bar screens with perforated plate band screens. He worked closely with the design team and the Owner to develop the electrical and instrumentation design to stay within the project budget. The design included power, control and instrumentation systems. Also developed control descriptions for screening, grit removal systems, and overall process control systems.

City of Sunrise Utilities- Sawgrass Train A Replacement

Design complete 2019

Performed Electrical, Instrumentation and Control Design/SCADA for Replacement of existing Blower Building No.1 and associated Aeration Basins. The project entailed constructing new Blower Building No.1 while maintaining existing Blower Building No.1 in service until de-commissioned. The project included a new redundant electrical power distribution system, new PLC-based control system, new instrumentation, implementation of VFDs on new blowers, repowering existing plant process equipment not upgraded but powered from existing Blower Building No.1.

Broward County Water and Wastewater Services – NRWTP Reclaim System Expansion - Design complete 2017

Designed Instrumentation and Control System/SCADA for 22MGD reclaimed process upgrade. The project included new filters; new filter feed pumps, new chlorine contact chamber; reclaimed water storage and distribution and a hypochlorite chemical system.

Palm Beach County Water Utilities -SRWRF Secondary Clarifier and Effluent Filtration Improvements - Design complete 2018

Provided electrical, instrumentation and control engineering/SCADA and design for upgrades to eight existing clarifiers and up-grades/additions to the existing effluent filtration system including new filters, pumps, instruments, and power distribution equipment.

Palm Beach County Water Utilities – SRWRF Headworks and Effluent Transfer Pumping Improvements - Design complete 2017

Provided electrical, instrumentation and control/SCADA engineering and design for upgrades to pretreatment process including new band screens, conveyors, grit classifier, odor control, and upgrade to 4160-480V power distribution equipment in the Pretreatment Building. Designed new VFD; power distribution and control systems for additional effluent transfer pump to existing Reclaim System

Chuck Gableman, P.E., LEED AP®, President Contract Manager

Availability: 45%

Education

Florida Atlantic University, 1993

Bachelor of Science, Electrical Engineering, FL PE59136

Professional Experience

32 Years with JLRD



JOHNSON, LEVINSON,
RAGAN, DAVILA, INC.
CONSULTING ENGINEERS

1450 Centrepark Boulevard, Suite 350
West Palm Beach, FL 33401
(561) 689-2303 • (561) 689-2302 Fax
www.jlrdinc.com

Mr. Gableman is President of JLRD and an Electrical Engineer with 32 years of experience providing design, investigation, estimating, analysis and construction administration for communications, lighting, power, and related electrical systems.

He has demonstrated experience in designing low voltage communications, telecommunications, and life safety systems. He specializes in electrical distribution systems, performing fault, load flow and coordination studies, as well as UPS and generator backed up systems. He frequently assists clients with investigative surveys, feasibility studies, programming, and project budgeting to define scope requirements for a wide variety of projects.

Chuck has served as the Project Manager and Electrical Engineer of Record on numerous projects for public and private entities throughout Florida. Clients include Palm Beach County, the City of West Palm Beach, FDOH West Palm Beach, Palm Beach State College, the School District of Palm Beach County, Johnson & Johnson, and NASA. His detail-oriented efforts include designs for new facilities, as well as renovation and repair projects, and modernizations, studies, and full building system assessments.

Contact

Phone: 561-689-2303, ext. 106

Email: cgableman@jlrdinc.com

Website: www.jlrdinc.com

Work Experience

SRWRF Facility Water Treatment Plant – F/A Repl. at 11 Buildings
Boynton Beach, FL

PBC WTP #8 Ozone Building Replacement
West Palm Beach, FL

Palm Beach County WUD, WROC Complex
Belle Glade, FL

PBC WTP #2 Admin Building New Elevator and F/A System Repl.
West Palm Beach, FL

PBC WUD Central Region Operations Center
West Palm Beach, FL

PBC WUD SROC – Pump and Wash Facility
Delray Beach, FL

Palm Tran South Expansion
Delray Beach, Florida

PBC Health Department – Generator Replacement
West Palm Beach, FL

Village of Wellington Municipal Complex
Wellington, FL

PBC Sports Lighting Replacement at Parks throughout
Palm Beach County

PBC South County Courthouse Fire Alarm Design
Delray Beach, FL

PBC Water Utilities Department – SROC Lab K
Delray Beach, FL

Listen • Evaluate • Collaborate • Solve

Keith Lorinos, PE
Mechanical Engineer

Availability: 45%

Education

The Cooper Union, 2005

Bachelor of Science, Mechanical Engineering

Registrations

Professional Engineer, Mechanical & Fire Protection,
 Florida – PE73794

Professional Experience

18 Years / 8 years with JLRD



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 RAGAN, DAVILA, INC.
 CONSULTING ENGINEERS

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 West Palm Beach, FL 33401
 (561) 689-2303 • (561) 689-2302 Fax
www.jlrdinc.com

Mr. Lorinos is a Mechanical and Fire Protection Engineer with JLRD. He has 8 years' experience in Mechanical and Fire Protection engineering, as well as 10 years in Structural engineering. His experience includes design of air-cooled and water-cooled chiller plants, pumping and piping systems, air distribution, and fire protection systems.

Mr. Lorinos has served as a Mechanical Design Engineer and EOR on numerous projects in both the public and private sectors, such as Wellington WTP. He has performed studies for ice storage plants with air cooled and water-cooled chillers to save the client money by using less on-peak electricity. He has designed several new projects that include chiller plants, as well as renovations, working closely with the end users to select and implement the mechanical systems to best meet their needs and budget constraints.

Contact

Phone: 561-689-2303, ext. 125

Email: klorinos@jlrdinc.com

Website: www.jlrdinc.com

Work Experience

Wellington WTP HVAC Upgrade Assessment
 Wellington, FL

Wellington Water Treatment Plant Renovation
 Wellington, Florida

PBC Fire Stations #19, 21, and 45 Renovations
 Throughout Palm Beach County

WPB Fire Station #8
 West Palm Beach, Florida

Village of Wellington WTP Booster Pump Study
 Wellington, FL

PBC Fire Station #22
 Westlake, Florida

City of Plantation – New Fire Station #1
 Plantation, Florida

Chiller Replacements for SDPBC over 50 schools
 throughout Palm Beach County

Currie Park Master Plan
 West Palm Beach, FL

YMCA at Holiday Park
 Fort Lauderdale, FL

Listen • Evaluate • Collaborate • Solve



Donna Grace, PE Project Management and Grant Support



Ms. Grace has over 34 years of experience in infrastructure development projects for both the public and private sector. Ms. Grace has worked with several local municipal and public agency clients in developing comprehensive plans, master plans, conceptual and final engineering designs and technical specifications for small, medium and large infrastructure improvement projects

Education

M.E., Environmental Engineering
University of Florida,
B.S Chemistry
University of the West Indies

Registration

Professional Engineer: Florida, #47050

Availability 80%

Member

American Society of Civil Engineers (ASCE)

American Water Works Association (AWWA)

PROJECT EXPERIENCE

Grant Funding Technical Support, City of Opa-locka

In 2014, the City prepared and submitted a limited desk top Stormwater Planning Report to the State of Florida Department of Environmental Protection (FDEP) in support of its application to secure funding under the state's Clean Water State Revolving Fund (CWSRF) program. The City's intent was to utilize the funding to address and resolve infrastructure deficiencies and other city-wide needs that resulted in prolonged flooding and unsanitary environmental conditions. The City was preparing to initiate city-wide infrastructure upgrades and requested technical support assistance for grant funding applications for stormwater, drinking water and wastewater utilities program. Technical support services included meetings with agencies having jurisdiction, preparation of grant application technical exhibits, and providing technical memorandum required by the funding agency.

Reclaimed Water System Expansion – City of Miramar, FL.

Project Engineer responsible for conducting hydraulic modeling analyses to validate and propose recommendations for the expansion of the City's reclaimed water system into the Zone 3 service area. for approximately 29,500 linear feet (LF) of proposed reclaimed water mains within the right-of- way of various streets on the east side of I-75 in the City of Miramar. The limits of the project are bounded by Pembroke Road to the north, SW 48th Court to the South, SW 184th Avenue to the west and SW 160th Avenue to the east. The hydraulic modeling was conducted using the WaterGems modeling software.

Sanitary Sewer Evaluation Survey 2nd Cycle Phases I, II, and III City of Opa-locka, FL.

Project Manager. Responsible for the preparation of SSES Phase I and Phase II Reports for submittal to Miami-Dade Department of Environmental Resources Management (DERM) for the City of Opa-locka in compliance with Miami Dade County Ordinance and USEPA's guidelines. Phase I consisted of an evaluation of the system to determine the existing Infiltration/Inflow (I/I). The Phase I tasks include identification of the severity of I/I by conducting flow measurements to determine if any collection basins exceed 5000 gallons per day per inch mile (gpdim), manhole inspections and smoke testing of the sewer system. Phase II is the development and implementation of a Corrective Action Plan to upgrade all parts of the sanitary sewer collection system to meet or exceed minimum County standards. Phase III involves retesting and inspections.

Sanitary Sewer Evaluation Survey 3rd Cycle Phase I – 15 Wastewater Collection Basins, City of Opa-locka, FL.

Project Manager. Responsible for the preparation of SSES 3rd Cycle Phases I and II Reports for 15 wastewater collection basins in the City of Opa-locka for submittal to Miami-Dade DERM in compliance with Miami Dade County Ordinance and USEPA's guidelines. The tasks included identification of the severity of I/I by conducting flow measurements to determine if any collection basins exceed 5000 gallons per day per inch mile (gpdim), manhole inspections and smoke testing of the sewer system.

GARFIELD WRAY, PE – Vice President & Director of Geotechnical Engineering

Garfield Wray is a Vice President and Director of Geotechnical Engineering with NV5. With more than 38 years of geotechnical experience, he has provided project management and performed engineering analyses and design throughout the United States, including in South Florida, Washington D.C, Maryland, Virginia, the New England area, Louisiana, Texas, California, and throughout the Caribbean. Garfield's project work includes airports, marine ports, bridges, roadways, and other infrastructure developments; industrial facilities, including LNG terminals, oil, and bauxite refineries, water and wastewater treatment plants, and commercial and residential buildings up to 93 stories tall.

Availability: 75%

EDUCATION

Howard University, Master of Engineering, 1988

University of the West Indies, Bachelor of Science, 1983

EXPERIENCE

38+ years

REGISTRATION

Florida Professional Engineer (#049734)

AFFILIATIONS

American Society of Civil Engineers

Academy of Geo-professionals

Deep Foundations Institute

PROJECT EXPERIENCE**City of Hollywood, Sewer Upgrade, Hollywood, FL**

This project included several blocks of upgrading the sewer system with the installation of new sewer pipes and pump stations up to 20 feet deep. As Principal Engineer, Garfield led a geotechnical study to provide recommendations for foundation design and construction of the proposed sewer pipes and appurtenances. Project challenges involved performing work on narrow residential streets.

NW 87th Street Bridge over C-6 Canal, South FL

This project involved a triple-span bridge approximately 130 feet long taking NW 87th Avenue over the South Florida Water Management District's C-6 Canal. The bridge has eighty-five 24-inch-square driven, precast, pre-stressed concrete piles between the four bents. Garfield directed a geotechnical study to provide recommendations for driven pile foundations and sheet pile wall bulkheads at the end bents. Challenging project conditions included compressible organic soils, as well as very limited space at the end bents, requiring considerations of interactions between sheet piling and driven pile foundations. In addition to the geotechnical study, Garfield provided review of dynamic testing via embedded data collectors during construction.

Port Everglades, Terminals 2 & 4 Garage and Pedestrian Bridge, Fort Lauderdale, FL

Completed in 2021, this 1,800-space, 6-level garage covers a footprint of 170,000 square feet. Garfield led NV5's geotechnical study for the project and provided recommendations for pile foundation design and construction. The presence of a very weak layer of compressible peat presented challenges for support of ground floor slabs and ramps. NV5 monitored and reported load testing of foundations, and provided construction observation during foundation installation. NV5 also provided materials testing, including concrete and soils testing, and post-tensioning observations. The project features two moving walkways in an air-conditioned pedestrian bridge that is elevated 50 feet in the air above an existing and occupied cruise terminal.

CLYDE GREY, PE – Geotechnical Engineer

Clyde Grey has 12 years of experience in providing geotechnical engineering, foundation engineering, and materials testing consulting. His duties have included preparing geotechnical investigation and foundation recommendations reports, determining bearing and settlement characteristics of subsurface materials, analyzing field and laboratory test data, managing test boring exploration programs, and project site reconnaissance and boring layout. He has determined soil and rock engineering properties, conducted footing and foundation inspections, provided engineering and supervision of load testing of deep foundation systems, provided engineering technical support of construction services operations, and reviewed inspection and testing reports for accuracy.

Clyde is experienced in inspections of various foundation types, such as driven piles, drilled piles, helical piles, auger cast piles, mini-piles, vibro-compaction, stone columns, grouting, sheet piling, pipe piles, H-piles, and shallow footings. He is also experienced in testing and performing inspections of pile load testing, monitoring production pile installation, and testing hardened concrete in the laboratory, and preparation of field reports.

Availability: 75%

EDUCATION

Florida International University, PhD in Civil Engineering - Current

MS in Civil Engineering, Geotechnical/Structures

BS Civil Engineering with a Minor in Environmental Engineering

EXPERIENCE

12 years

REGISTRATION

Florida Professional Engineer (#80312)

PROJECT EXPERIENCE**Various Sinkhole Investigations, Miami-Dade, Broward, and Palm Beach Counties & Port Charlotte, FL**

Clyde performed sinkhole investigations for insurance companies and private homeowners to determine the presence or absence of sinkholes on the property. The testing included Ground Penetrating Radar (GPR), Floor Elevation Study, Soil Test Borings, Hand Excavations, Dynamic Cone Penetration Testing (DCPT) and Visual Observations.

Cocoplum Phase II Stormwater Improvements, Coral Gables, FL

Clyde performed a geotechnical study that included soil test borings and percolation tests. The project involved the rehabilitation of the existing storm water system. NV5 provided geotechnical parameters and hydraulic conductivity values for the subsurface materials encountered at the site.

Jose Marti Park Adaptive Redesign, Miami, FL

Clyde performed soil test borings, field permeability tests, and double ring infiltration tests and provide recommendations for geotechnical parameters, hydraulic conductivity values, and infiltration velocities to be used in the design of their storm water and drainage systems design. Jose Marti Park is a 13-acre, multi-use recreational space located in the community known as Little Havana. The project involves implementing solutions to flooding in the short term and adaptation to future sea level rise along the water's edge. This will include the replacement of 700 linear feet of existing damaged seawall, the addition of 280 linear feet of erosion control pavers, a water taxi station and unloading deck, shoreline stabilization, a kayak launch, outfalls, drainage, and nearly 1,000 linear feet of Riverwalk.



GREGORY HARLESTON
Communications and Outreach
Manager

11 years of experience

EDUCATION

Bachelor of Arts, Communications
Media & Journalism,
Kean University

CERTIFICATIONS

Public Involvement in
Transportation Decisionmaking
National Transit Institute

Crisis Communications for Transit
Managers
National Transit Institute
Availability: 75%

Gregory Harleston is responsible for the strategic development and management of public involvement programs. He has implemented innovative ways to reach stakeholders in their homes and on their devices and has been recognized by homeowner associations for his dedication to engagement and conflict resolution.

RELEVANT PROJECT EXPERIENCE

Miami-Dade Department of Transportation and Public Works (DTPW), South Corridor Rapid Transit Project, Public Information Manager: Gregory leads the outreach team for this design-build of a 20-mile Bus Rapid Transit SMART Program corridor. He developed a strategic Public Involvement Plan to communicate with the residents and stakeholders through the five municipalities the project serves. He established a rapid response unit for addressing stakeholder complaints, inquiries, and presentation requests.

City of West Park, SW 25th Street Complete Street Project, Senior Outreach Specialist: Gregory was responsible for the outreach to residents, and business owners along the one-mile project corridor. He developed information materials and conducted door-to-door site visits. He introduced new ways of being accessible to the public including holding office hours and sharing project information on lawn signs.

Greater Miami Expressway Agency (GMX), SR 836/Dolphin Expressway Modernization from NW 57th Avenue to NW 17th Avenue, Public Information Officer: Gregory executed a robust public education campaign for the construction of South Florida's first Diverging Diamond Interchanges (DDI). He scheduled outreach activities based on the construction two-week lookahead schedule, drafted and distributed traffic alerts, provided timely response to stakeholder calls and requests, documented property, and vehicle damage claims.

Greater Miami Expressway Agency (GMX), SR 836/Dolphin Expressway Interchange Modifications at NW 87th Avenue, Public Information Officer: Gregory was responsible for establishing and maintaining stakeholder contact, coordinating business owner and public meetings, and correspondence with elected officials. Daily tasks included taking pictures and video at construction sites for social media updates, traffic advisory distribution, conflict resolution, documenting damage claims. He also coordinated the ribbon cutting ceremony at the project's conclusion.

Greater Miami Expressway Agency (GMX), Dolphin Station Park & Ride/Transit Terminal Facility, Public Information Officer: Gregory drafted and executed the Public Involvement Plan which included drafting newsletters, traffic advisory distribution, and stakeholder maintenance. He coordinated the groundbreaking ceremony and documented milestones for social media, including time-lapse video of project.

HoltCommunications.net



STEPHEN K. SEELEY

PRESIDENT
GIBBS LAND SURVEYORS

Availability: 70%

EDUCATION

University of Miami
B.A., 1974

REGISTRATION

Professional Surveyor & Mapper
Florida License No. LS4574

YEARS OF EXPERIENCE

45

YEARS WITH GLS

15

VITALS

2131 Hollywood Blvd. Suite 204
Hollywood, FL 33020

T 954-923-7666

E sseeley@gibbslandsurveyors.com

STEPHEN K. SEELEY

PRESIDENT, GIBBS LAND SURVEYORS

BENEFITS TO THE CITY

- Mr. Seeley has over 40 years' experience as a Land Surveyor in Florida
- His 30-year-old company is the "go-to" Land Survey Service for historic records.
- Chosen #1 for the City of Hollywood

EXPERIENCE

- CITY OF HOLLYWOOD
- BOGGS FIELD
- DAVID PARK
- STAN GOLDMAN PARK
- ROTARY PARK
- YOUNG CIRCLE
- CITY OF HALLANDALE BEACH
- SOUTH BEACH PARK
- BF JAMES PARK
- OB JOHNSON PARK
- SCAVO PARK
- GOLDEN ISLES PARK & TENNIS CLUB
- CITY OF MIAMI LAKES
- MIAMI LAKES DOG PARK
- MIAMI LAKES OPTIMIST PARK

PROFESSIONAL AFFILIATIONS

- Member of The Greater Hollywood Chamber of Commerce
- Member of The Florida Surveying and Mapping Society

DEMONSTRATED MINIMIZATION OF CHANGE ORDERS AND AMENDMENTS

Change Orders and/or Amendments on projects are minimized by preventing issues that may arise during construction, and via proper project management. We understand the importance of timely identification of issues that may affect the schedule and cost of infrastructure projects. Based on our experience with other municipalities across Florida, and specifically our experience working for the City of Hollywood, we are aware of the typical issues that may arise during project implementation. We have therefore developed an approach to identify anticipated potential problems and have a proven approach to solving them.

On infrastructure projects, problems will either arise during design or during construction. Issues during design and construction oftentimes influence both cost and schedule. It is therefore critical to anticipate and identify issues during design to reduce their costly and sometimes lengthy impacts during construction. Typically, the major issues that occur in infrastructure projects include:

- ✓ Conflicts with Above-Ground Objects
- ✓ Utility Conflicts caused by unknown and/or Poorly Documented Utilities or Unforeseen Utilities
- ✓ Unsuitable Soil Conditions
- ✓ Permitting Delays
- ✓ Maintenance of Traffic
- ✓ Other On-going Projects
- ✓ Impacts to Residents and Businesses

Our general approach to resolving these issues is to be proactive and either avoid or minimize their risk of occurrence. In the event this is not possible, then our process involves finding the best and least impactful solution.

DESIGN ISSUES	APPROACH TO SOLVING ISSUES
Conflicts with Above-Ground Objects	<ul style="list-style-type: none"> • Review topographic survey for the presence of above-ground objects • Perform several field visits and walk-throughs of the entire site during design development to identify conflicts • Design to avoid conflicts
Utility Conflicts	<ul style="list-style-type: none"> • Review topographic survey for any obvious presence of utilities (manholes, valve covers, etc.) • Perform field visits to observe the presence of utilities • Call Sunshine One Call (811) to identify utility owners and request utility as-builts • Perform soft digs to verify utilities (horizontally and vertically) • Design to avoid conflicts
Unsuitable Soils	<ul style="list-style-type: none"> • Perform geotechnical explorations, including soil borings • Review geotechnical reports of other projects within proximity • Perform due diligence and research (Natural Resources Conservation Services, etc.) • Design based on existing soil conditions
Permitting Delays	<ul style="list-style-type: none"> • Research applicable permits and approvals • Pre-permit application and coordination meetings with applicable jurisdictional agencies
Maintenance of Traffic	<ul style="list-style-type: none"> • Coordinate with all agencies that maintain adjacent streets • Determine their requirements, if any • Identify schools in the area and their access routes • Review existing traffic data or perform traffic counts • Design to maintain traffic at all times
Other On-Going Projects	<ul style="list-style-type: none"> • Research and coordinate with the City to determine on-going or upcoming projects • Research and coordinate with other agencies that maintain roadways within the City (e.g. FDOT, Broward County, etc.)
Impacts to Residents and Businesses	<ul style="list-style-type: none"> • Coordinate with Businesses and Residents • Design to avoid impacting driveways, mailboxes, trees, etc. and provide access for emergency vehicles

ISSUES DURING CONSTRUCTION

While EAC takes the necessary steps and precautions to resolve anticipated issues during the design process, sometimes, unforeseen issues do arise during construction. When these issues arise, it is critical that the Engineer respond as quickly and as analytically as possible; otherwise, these could result in contractor claims, which will adversely affect construction costs and schedule. The following are approaches to solutions during construction:

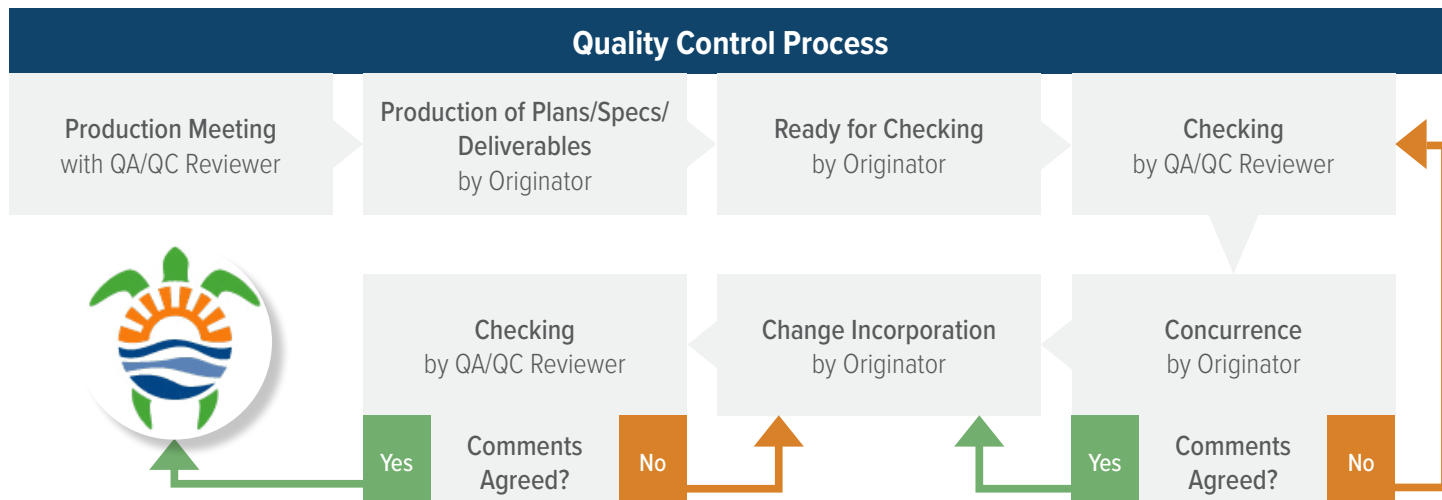
- ✓ Site-visits to witness and observe the issues
- ✓ Discussion with the contractor to obtain their views on feasible solutions
- ✓ Brainstorming and discussing issues with project team members
- ✓ Listing alternative solutions
- ✓ Ranking solutions based on factors that are most important to the client, e.g. schedule, cost, impacts to the public, etc.
- ✓ Prioritizing solutions and evaluating impacts
- ✓ Recommending the best and least impactful solution



QUALITY ASSURANCE/QUALITY CONTROL

Design Phase Services

EAC prides itself on providing quality deliverables to our clients. We have a 5-step quality control process that ensures that only high-quality deliverables are transmitted to our clients. We have our in-house construction management staff perform constructability reviews on our deliverables to ensure that our designs are feasible and can be implemented in the field using economical and traditional construction methods. In addition, they also provide value engineering reviews to ensure that our design approach and product selection provide the best value without compromising on quality. All our projects will include reviews (quality, value and constructability) by qualified and experienced personnel who are not involved in the day-to-day execution of the project. This results in reviews that are independent and performed by someone with a “fresh pair of eyes.”



Construction Phase Services

Proper management of a project is important for achieving the required quality of the product. We will take a systematic approach to quality construction oversight by communicating expectations up front with the Contractor to ensure that construction complies stringently with the Contract Documents. The key to this is a thorough understanding of the services to be provided. Prior to the start of construction activities, we will review the Contractor's Quality Control Plan (QCP) and Inspection and Testing Plans (ITPs). The QCP and ITPs are prepared by the Contractor for conformance to the specifications, and EAC will provide comments and recommendations. We will review the QCP for adherence to an acceptable quality control program and ensure that the QCP describes the Contractor's quality control, organizational procedures, documentation controls and processes for each work phase. Even though quality control during construction is the sole responsibility of the Contractor, we will oversee and monitor the Contractor's compliance with applicable jurisdictional construction standards and enforce the QCP.



HISTORY OF PROJECT COMPLETION

To demonstrate our history of minimizing change orders, the table below provide a comparison of the original bid cost with the final construction cost for a few of our recent projects:

Project Name	Design Fee	Engineer's Cost Estimate	Final Construction Cost
FLL Westside Transmission Main Improvement	\$426,936	\$1,755,815	\$1,730,732
Palm Avenue Widening and Reconstruction	\$79,000	\$850,000	840,000
Shenandoah Neighborhood Watermain Improvements	\$1.2M	\$9.4M	\$9.1M
Immokalee Water Distribution System Improvements	\$226,298	\$920,450	\$913,073
FLL East Perimeter Road Water Main Improvements	\$1,800,492	\$2,120,986	\$1,814,398
Pompano Beach LS#65 and LS #81	\$116,000	\$700K	\$680,000
Biscayne Boulevard Force Main Upgrades	\$200,000	\$1.6M	\$1.5M
Lake Surprise Estates Neighborhood Roadway and Drainage Improvements	\$217,000	\$2.25M	\$2.67M



E.

Approach to Scope of Work



E. Approach to Scope of Work

E. APPROACH TO SCOPE OF WORK

One-Stop-Shop: EAC Consulting offers a full range of design and construction management services for general civil infrastructure projects. We provide clients with expert personnel that can implement a variety of civil engineering projects from pre-design and design through construction completion and project close-out. Below outlines our understanding of the scope of services and our overall approach to them.

UNDERSTANDING OF SCOPE OF SERVICES

It is our understanding that the City will be awarding continuing services contracts to provide design, construction administration, grant management, and resident engineering and inspection services related to the water, wastewater and stormwater projects listed in the table below, and that these projects require the professional services indicated within the table.

City of Hollywood Projects	Major RFQ Service Components		
	Design	Construction Engineering and Inspection	Grant Management
1. Washington Park Utilities Improvements Projects		X	X
2. Sewer Expansion between Arthur Street and Taft Street and from North 35th Avenue to North Park Road		X	
3. Sewer Expansion between Buchanan Street and Fillmore Street and from North 72nd Avenue to North 70th Way		X	
4. Lift Station E-8 Replacement		X	X
5. Implementation of 4-Log Virus Disinfection Process at the Water Treatment Plant		X	X
6. Sodium Hypochlorite Disinfection Conversion at the Southern Regional Wastewater Treatment Plant		X	X
7. Design and Construction Management of Lift Station E-8 Generator	X	X	X

It is our understanding that components of projects are funded by the Broward County Mobility Advancement Program (Broward County Surtax) Funding Requirements. EAC provided construction management and inspection services for a recently completed Broward County Surtax project for the City of West Park that was lauded by the MAP Broward Office and the Broward County Office of Economic and Small Business Development for the utilization of a certified small business. We have the experience working with Broward County to ensure that all work complies with the applicable Interlocal Agreement.

WATER, SEWER, AND STORMWATER INFRASTRUCTURE PROJECTS

EAC understands the major scope of services being requested in this RFQ includes design, construction administration, grant management, resident engineering and inspection for water, wastewater, and stormwater projects. We have been providing similar services to the City since 2009. EAC has performed several neighborhood improvement projects for the City that include the design of water and sewer pipelines, pump stations and lift stations. EAC understands the local conditions of the City, requirements of Broward Surtax projects and the importance of neighborhood outreach.

Below, we present insight into the work needed for two of the City's projects in this RFQ, followed by our general approach to the RFQ's scope of services.

UNDERSTANDING OF SCOPE OF PROJECT 2

Sewer Expansion between Arthur Street and Taft Street and from North 35th Avenue to North Park Road

We are very familiar with the construction scope of Project 2, City Project No. 21-7110, as EAC is the Designer of Record and is aware that the construction contract has been awarded by the City. The City has been engaged in the implementation of a septic to sewer conversion program, which is targeted at eliminating septic tanks within the target sanitary sewer basin. With the construction of this project, the City will accomplish the intended conversion program. The proposed sanitary sewer collection and conveyance system will serve the area bounded by Taft Street to the north, NE 40th Ave to the west, Arthur Street to the south and N Park Road to the east. The system will flow by gravity and discharge into an existing manhole located approximately at the intersection of Arthur Street and N 32nd Avenue. The area of construction is in a highly urbanized residential area directly impacting the inhabitants of this area. Timely and efficient communication with the residents and the public in general is key for success. Major public involvement during construction will be needed.

The Project includes the construction of the following main items:

Sewer Extension:

Furnishing and installation of:

- 8" to 24" SDR 26 PVC sanitary sewer mains: 12,030 LF.
- 4' Sanitary sewer manholes: 43 EA
- 5' Sanitary sewer manholes: 5 EA
- 6" SDR 26 PVC Laterals w/cleanouts (24 LF) 135 ~ 3240 LF
- 4" and 10" Force main decommission 1900 LF
- 6" and 12" Force main installation 440 LF

Watermain Relocation per EOR Directive due to Possible Field Conditions:

- 4" to 24" DIP CLASS 52 Water main (restrained): 2,000 LF

Ground Cover Restoration:

- Roadway, sidewalk, and driveway reconstruction 32,000 SY
- 1" Pavement Type S-III (temporary and permanent) 60,450 SY
- Concrete sidewalk, and driveways, pavers 2,650 SY
- Harmonization 3,600 SY

Construction cost is \$ 10,982,236.00 for a total duration to final completion of 540 days.

UNDERSTANDING OF SCOPE OF PROJECT 7

Design and Construction Management of Lift Station E-8 Generator

This project will require compliance with the FEMA Hazard Mitigation Grant from the Florida Division of Emergency Management (FDEM). Our electrical engineering subconsultant, Hillers Electrical Engineering, Inc.--who has over 25 years of electrical design experience for lift station power controls, instrumentation and generators--will be primarily responsible for the generator design, supported by our grant manager, Donna Grace, PE. Donna will be actively involved in each phase of the design and construction to ensure that we are compliant with the requirements of this grant.

OVERALL APPROACH TO SCOPE OF SERVICES

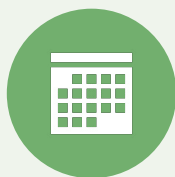
Approach to General Infrastructure Design Projects

This section will focus on our general technical approach to utility infrastructure, specifically water, sewer, and stormwater infrastructure design projects. This design approach would be applicable to project 7 - Design and Construction Management of Lift Station E-8 Generator.



1 DEVELOP SCOPE

Achieve project scope & objectives



2 MEET SCHEDULE

Deliver ahead of schedule



3 BUDGET CONTROL

Complete project within budget while achieving cost savings



4 EFFECTIVE COORDINATION

Coordination & communication with stakeholders



5 QUALITY INNOVATION

Achieve innovation & deliver quality in order to improve our community

The following steps outline our general approach to implementing project assignments for water, sewer and reuse pipelines, as well as lift stations and stormwater infrastructure:

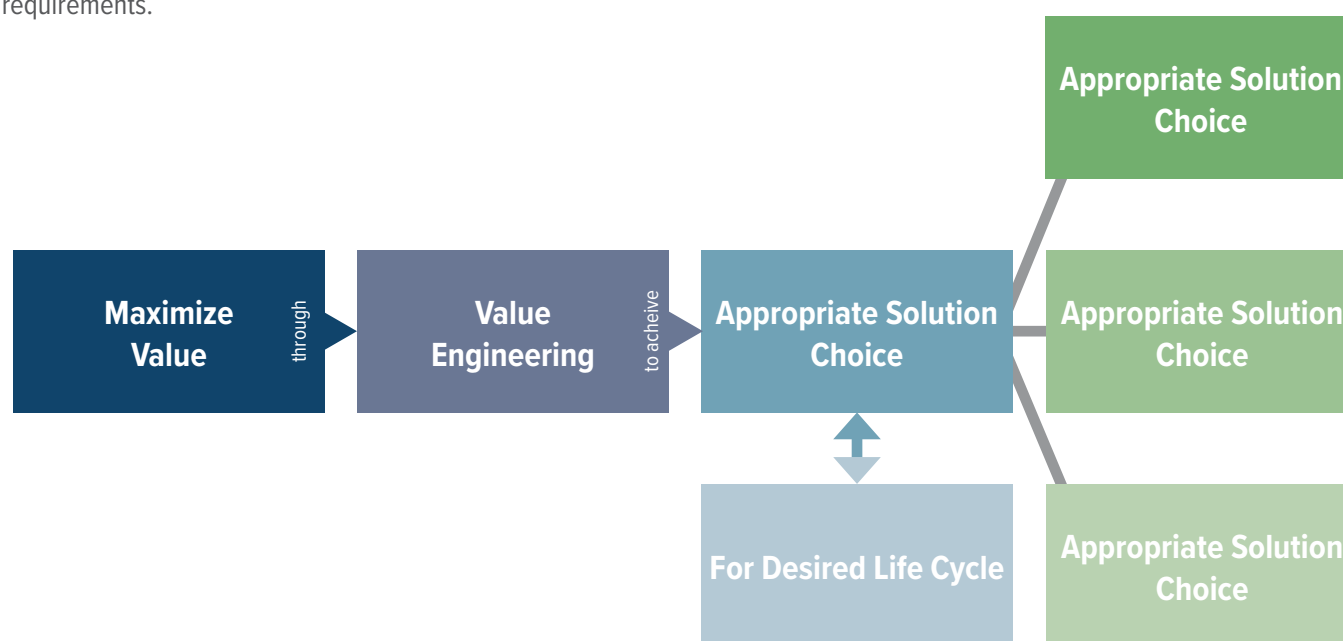
- a. Field Review:** At the commencement of each project, EAC will schedule a field review with City staff and our team members. Discussions and observations will be aimed at reviewing the background of the project and any important issues, problems, or requirements. The field visits will also serve to familiarize our team with critical areas that need attention, and to identify elements within the existing conditions that can pose risks during construction.
- b. Data Collection:** Data to be collected may include as-built plans; previous feasibility reports; historic aerial photographs; rainfall, storm and flow records; previous studies in nearby areas; FEMA maps; existing and proposed land use maps; drawings of completed and proposed projects within the project area and adjacent areas; discussions and interviews with City maintenance and public works staff; and established drainage permits.
- c. Kick-off and Brainstorming Session:** Our project manager will conduct a kick-off and brainstorming session after the field review, where our team will gather to discuss alternatives for the project. At these meetings, we encourage our team to think “outside the box”, while being conscious of permitting requirements to develop the best, most creative and feasible solutions. This meeting is typically followed by a kick-off meeting with the City to discuss our findings and our approach to executing the project.
- d. Review the Regulatory Requirements and Design Criteria:** Federal, state, regional, and local agencies having jurisdiction over the development of facilities in the area will be reviewed. These agencies may include Broward County Environmental Protection and Growth Management Department (BCEPGMD); Florida Department of Environmental Protection (FDEP); Broward County Traffic Department (BCTD); and City of Hollywood Public Works and Building Department. This review helps avoid developing alternatives that are not feasible from the permitting or regulatory approval standpoint.
- e. Pre-Design Services:** Pre-design work generally includes all work needed to retrieve site specific technical data to be utilized for engineering design purposes:
 - *Right-Of-Way Surveying and Mapping:* Our team survey consultant, Gibbs Land Surveyors, Inc. (Gibbs), is ready to provide topographic surveying and Subsurface Utility Engineering (SUE) services. Multiple crews will be deployed to gather information as part of the surveying project requirements for a fast-track project or to expedite work. Gibbs has a long history of providing surveys in the City of Hollywood and is also a locally headquartered firm within the City of Hollywood.
 - *Geotechnical Engineering & Soils Investigation:* Our team geotechnical sub-consultant, NV5, Inc., will perform a detailed geotechnical evaluation along the project corridor for each assignment. NV5 is also a locally headquartered firm within the City of Hollywood.
 - *Verify As-builts and Utilities:* Existing utilities will be researched extensively by collecting and analyzing as-built data, survey information, and through site investigations. SUE and other exploratory investigations may be applicable and will be recommended by our team if deemed necessary. The exact locations of existing utilities are essential to eliminate, or at least mitigate, conflicts during construction. Utility coordination tasks include identifying utility agency owner (UAO) facilities via Sunshine State One-Call, identifying conflicts, securing agreements, developing utility work schedules, and obtaining plans from the UAO's to ensure all conflicts between utility facilities and the proposed project improvements are addressed.
- f. Design Services:** Our team will ensure that proposed engineering designs conform to the City of Hollywood's standards and applicable Broward County and other jurisdictional design guidelines. The drawings will be developed using drawing scales that are legible for easy comprehension by reviewing agencies and entities, as well as for ease and clarity of construction. Technical specifications and provisions for construction will be fully consistent with established design and construction standards and jurisdictional criteria.
 - *Preliminary Design Plans (30% Level):* will be prepared based on the results of our brainstorming sessions, field reviews and discussions with the City's staff. Our preliminary submittal will include an outline of technical specifications and provisions prepared using standard specification templates and requirements. An AACE Class 3 cost estimate will be prepared at this stage.
 - *Final Design Plans (60%, 90%, 100% Levels):* will include standard details and special design details as necessary. The 100% bid-ready design plans, technical specifications, and bid schedule will include all documentation to facilitate the permitting and the bid process. An AACE Class 1 cost estimate will be updated for the final bid quantities.



- **Traffic Control and Maintenance of Traffic:** Our team will ensure that traffic control requirements are addressed; that the needs of all entities affected by the projects are taken in to account; and that the impacts from construction are minimized. Measures will be implemented to ensure access to residences, facilities, and businesses during construction. Our priority goal is minimal disruption to the surrounding area's normal operations.

The success of our projects is predicated on our ability to effectively implement traffic control measures during construction, and that these measures minimize impacts to existing traffic circulation and flow. We will ensure that throughout construction, adequate provisions are made for access to residences, schools and commercial facilities - and for emergency operations, waste management, US Mail, courier services and deliveries. We are committed to ensuring that emergency response routes will not be disrupted. Traffic Control and Maintenance of Traffic Plans shall be developed in accordance with Broward County Public Works and the Florida Department of Transportation (FDOT) Design Standards and the Manual of Uniform Traffic Control Devices. Our traffic control schemes will be designed and developed by FDOT-certified professionals that have extensive experience with municipalities and cities.

- g. Value Engineering:** This phase of the project will be focused on establishing a value engineering workshop. The sole purpose of this workshop will be to explore ways of exploiting any cost saving opportunities without compromising the quality and functionality of the project. Care will be taken to avoid any conflicts with code and standard compliance as well as any conflicts with permitting requirements.



- h. Permitting and Jurisdictional Approvals:** At the completion of the construction documents phase, all necessary applications and submittals for permits will be made to the respective jurisdictional entities. We envision that, at a minimum, we will have to run plans and design calculations through the City for review. Plans will generally also need to be reviewed and approved by FDEP, Broward County Environmental Protection and Growth Management Department (BCEPGMD) in addition to City staff. Typical projects involve early coordination with regulatory agencies through pre-application meetings to identify and resolve potential problems unique to the job. Our project team brings a depth of experience in securing jurisdictional approvals. EAC is thoroughly familiar with the requirements of all jurisdictional agencies that maintain authority for the implementation of infrastructure projects locally and statewide. Our experiences have given us the opportunity to liaise and gain the confidence of approval agencies and departments. We fully understand current State and local statutes and codes, environmental regulations and varying ordinances that relate to or directly impact infrastructure design and construction.

APPROACH TO POST DESIGN SERVICES – BID AND AWARD SUPPORT SERVICES:

Our team will work in partnership with the City to finalize the bid package. During this phase, it is expected that final corrections and clarifications to the drawings and construction package will be made. It is envisioned that this will occur in a “roundtable” discussion format, where critical issues that will have an impact on the construction feasibility will be addressed in detail. The bid package will be finalized once all permits are obtained and issued. Our team is experienced with attending pre-bid meetings and preparing responses

to technical questions from prospective bidders of the project. In addition, our team will issue addenda to the Bid Documents to provide better clarification for bid purposes, when necessary. If requested, EAC will provide a review of the contractors' bids, and conduct reference checks to determine compliance with the design and technical specifications for the City's consideration for construction contract award.

APPROACH TO CONSTRUCTION PHASE SERVICES (CONSTRUCTION ADMINISTRATION AND RESIDENT ENGINEERING AND INSPECTION):

It is proven in our experience that the more we are familiar with the goals, scope, and stakeholders ahead of construction start, the more successful the Project Team will be at completion. The construction approach described below is based on this experience; the EAC Team is ready to lead any of the projects in the RFQ to a successful completion.

OVERALL MANAGEMENT APPROACH

The EAC Team has a proactive and partnership management approach at all levels while enforcing the contract documents, being strict yet fair.

The EAC Team will manage contracts to minimize work and involvement of the City's personnel, and act as a liaison between the City and contractors. EAC will administer the construction contract, monitor and inspect the work, and coordinate all parties involved in the project. We understand the importance of ensuring construction is compliant with applicable laws and regulations and completed within the City's goals of budget and time.

INITIAL STEPS REQUIRED FOR CONSTRUCTION

Once the City issues Notice to Proceed (NTP), our team included in the Organizational Chart will be immediately assigned to the project. We will:

- a. Contact the City, Design Consultant and the Contractor to prepare for the Pre-Construction Meeting
- b. Start working with the Design Consultant regarding questions/clarifications we may have
- c. Contact utilities involved and review their Utility Work Schedules
- d. Start reviewing utility adjustments, Schedule Pre-Utility Meetings, and Pre-Activity Meetings
- e. Document pre-construction existing conditions by video and photos
- f. We will review pertinent documentation in anticipation of meeting with the City's PM to discuss issues that must be included in the Pre-Construction Meeting Agenda.
- g. The EAC Team will prepare the meeting agenda and distribute the meeting invitation electronically to: Contractor's Construction Manager, Superintendent and Safety Manager, any major subcontractors and/or suppliers. Also, the Engineer of Record (EOR), stakeholder agency representatives (Capital Improvement Projects (CIPs)), Public Works, Management, Fire and Police, etc.), Public Information Officer and any City personnel assigned. The primary objective of the Pre-Construction meeting is to establish points of and contact for information amongst the parties involved in the project. This is also an important opportunity to establish expectations and foster a collaborative relationship among all members of the project team.

The meeting agenda will include setting the schedule for the weekly progress meetings. Progress meetings will be our main forum to discuss project progress and challenges. We will use the two-week look ahead versus the Controlling Items of Work (CIOW) to monitor the contractor's performance, status of shop drawings, RFIs, change orders by creating logs, and oversight review of the contractor's claims.

We will also schedule pre-activity meetings for all major construction items and track adjacent and upcoming projects. EAC will review project documents in detail and develop a Risk Register that will include each potential project risk and an associated mitigation measure. The Risk Register (potential cost, schedule, and probability) will be updated and reviewed monthly with the City's PM to monitor and take action in mitigating each risk.

COORDINATION/COMMUNICATION APPROACH

Coordination through communication is key to success on any project, whether through phone calls, in-person meetings, or video conferencing. Team EAC has the necessary real-time technology tools to coordinate and collaborate, including cell phones, laptops, tablets, hotspots, and Microsoft Project Teams. Our Contract Support Specialist (CSS) will be the liaison between the CEI Office and the field personnel distributing plan revisions, RFIs, and shop drawings to the field staff and keeping files in order. Project staff will meet bi-weekly to discuss project and administrative issues. Field staff will meet daily to review MOT (maintenance of traffic), permits, Stormwater Pollution Prevention Plan (SWPPP), concrete/asphalt/earthwork verification items, structures, etc. Our PM will coordinate staff schedules after constant communication with the contractor and reviewing scheduled activities.

SCHEDULING

Scheduling Methodology

The keys to a successful project are accurate schedules and cost estimates, along with concise project controls.

Before construction starts, we will request a Baseline Schedule from the Contractor. We will review the Contractor's Project Schedule and verify inclusion of all activities, valid durations, and proper logic and sequence, providing comments until the timeline is accepted. We will verify the schedule conforms with the construction phasing and MOT sequences. We will provide a written review of the schedule, identifying significant omissions, improbable or unreasonable activity durations, error in logic, and any other concerns as detailed in the contract documents. We will provide concurrence once reviewed and deficiencies corrected, thus establishing the Baseline Schedule.

We will request the submittal of Monthly Progress Schedules. These schedules will be verified against progress of time that we will be tracking during construction. We will request the submittal of a Recovery Schedule if adverse progress is observed. Our Project Manager will monitor all activities and ensure that the proper level of staffing is available to maintain the Project Schedule. This will be achieved through Project Schedule Team meetings, which will be held on a regular basis to review progress and assure compliance with the Project Schedule. The Schedule must also include time for agency reviews. EAC will compare our schedule for the provision of inspection services relative to the contractor's schedule for construction so that adjustments may be made to ensure there is no interruption in the provision of services.

Optimization of Project Schedule

Our team consists of talented individuals trained to identify project drawbacks, which are common causes of schedule delays. Our team members have extensive experience with Primavera P6 CPM scheduling. They will carefully review the baseline schedule including specified milestones; reasonable activity durations; the inclusion of procurement time for material, shop drawing submittal, and approval processes; utility adjustments; and sequential and logical completion of activities following the TCP phasing. Contract duration and construction logic that do not meet the requirements of the contract documents will be brought immediately to the contractor's attention to resolve discrepancies. As practiced on previous projects, we will create an independent schedule, tracking activities' actual start/finish dates while reviewing/monitoring the critical path versus the submitted Controlling Items of Work (CIOW) weekly. This will assist us in identifying whether the schedule updates are on track. One of our primary objectives is to identify opportunities and collaborate with the contractor's project manager to ensure potential slippages are recognized as early as possible.

OPTIMIZATION OF PROJECT BUDGET

The EAC Team uses several techniques for this purpose. We start before construction by reviewing the plans and identifying the plan quantity pay items and potential problems. The team will monitor monthly pay items, stockpile materials, and contract changes using a spreadsheet to track their present and cumulative amounts and percentages. Our team will review the plans versus the contractor's two-week look ahead for possible issues/solutions ahead of time to avoid contract changes. We will develop a Risk Register, which includes potential project risks and mitigation measures. This Register is to be updated and reviewed weekly with the City's PM to take action in order to mitigate risk.

APPROACH TO PROJECT DOCUMENTATION

Progress Pay Applications/Final Pay Applications

Closing out items as soon as they are complete in the field makes for a stress-free project closeout. Our CSS Team is very familiar with processing payment applications effectively. Our Team will conduct internal reviews at 30%, 60%, and 90% progress, and address concerns to achieve an error-free final payment application.

Change Orders (COs)

We will follow a five-step flowchart process—discovery, review, revisions, approval, and final processing. We will prepare the recommendation for the City.

Materials Certifications

Our team is well experienced with the testing/material documentation process. We will coordinate with the Contractor's QC Manager and our personnel for testing verification.

Other Documentation

- a. We will review and ensure inspector dailies are accurate and complete, as well as density reports.

- b. Our inspectors will perform Maintenance of Traffic (MOT) reviews and provide reports to the contractor for prompt correction of deficiencies.
- c. Our goal is to complete projects with zero procedural errors. We will retrieve warranties and address all punch list items for an effortless transition of the project to the City.

METHODOLOGY FOR RESOLUTION OF ISSUES

The EAC Team knows implementing proactive management and techniques is critical to avoiding construction-related challenges and concerns. The easiest obstacles to resolve are the ones that are never allowed to occur. However, issues may still develop which are occasionally unforeseen/unavoidable. In these situations, our team has a process in place to ensure challenges are resolved as quickly as possible to avoid and/or minimize costly corrective measures caused by delays. We will review established policies and procedures to prevent those problems/issues from recurring.

As part of the resolution process, Our Team will gather and document all relevant information related to the issue. An assessment of the challenge will occur and a recommendation to solve it will be developed and proposed. The assessment and solution recommendation process considers likely impacts to the project and the public. Some of these considerations include safety, cost, schedule delays, potential claims, justifiable financial adjustments (including penalties), and the ability of the contractor to execute the proposed solution successfully and expeditiously.

Change Orders

The EAC Team has the experience to take prompt action in identifying potential issues that could increase the cost and time of the projects and take mitigating measures. We will diligently initiate the process to address Change Orders submitted by the contractor. The team will review all Change Orders for validity and recommend the best course of action. If necessary, Our Team will support the City in negotiating all Change Orders. Close coordination must be maintained with the City to ensure all legal requirements are fulfilled. We will assist the City in processing and executing Change Orders, and monitoring all approved changes through all critical phases by means of a tracking report.

Proceeding with Disputed Work

If an agreement cannot be reached on a Change Order, we will direct the Contractor to carry on with the work and adhere to the project schedule in accordance with the construction contract general conditions. Our team will log all forced work efforts related to a disputed Change Order on a Forced Work Daily Log Report, which will be signed and dated by the EAC Team and the Contractor at the end of each workday. Copies will be forwarded to the City's Project Manager for recording purposes.

Safety

While the EAC Team considers safety and welfare paramount, the contractors are solely responsible for safety. We will monitor that the contractor always maintains the work zone and its surroundings safe.

Maintenance of Traffic (MOT)

- a. It is of the utmost importance always to have an MOT compliant with codes and regulations for the safety of the public and workforce. We consider a comprehensive MOT key for any construction project's success. Our team is familiar with the approval process of MOT lane closures and has broad experience overseeing MOT operations. We will ensure the Contractor has approved copies of the MOT plan at the Pre-Construction Meeting. EAC will be proactive in verifying compliance with the MOT plan in the field.
- b. We are conscious of the importance of keeping the public aware of the construction impacts during all phases of construction. Our Advanced Work Zone Traffic Control Certified personnel will review the general MOT focusing on traffic circulation, minimization of delays, and response times. We will ensure the contractor provides a safe roadway for vehicles, bicyclists, and pedestrians and a safe work zone for the construction workers. Access to adjacent properties during construction shall not be interrupted. Our professionals are trained to recognize hazards in the normal conduct of onsite business. If a hazardous situation arises, the following procedures are to be followed:
 - Notify the Contractor's superintendent of the apparent condition causing the concern from which affected personnel must remove themselves. Notify the Contractor of the situation both verbally and in writing. Take photographs of the concern.
 - Write a full report in the Daily Report on the condition found to be unsafe, all actions taken, and correspondence written, including times and names.
 - If the Contractor does not make corrections, we will notify the City and issue a written Notice of Noncompliance.
 - The condition and all conversation and correspondence will be documented in EAC's Daily Report.

- We will ensure sufficient available staff to be in a position to deploy inspectors quickly and efficiently to handle any emergency that may arise.
- Additionally, in the event of any emergencies, accidents, damage, or injury, our team members will immediately ensure that the appropriate response agency is notified. We will notify the Contractor and the appropriate City personnel to ensure that the incident is being addressed. The City will also be notified of any construction issues which may impact the public.
- Non-Compliance protocol: When a potential construction problem or condition that may pose an immediate threat to public health or safety is detected, we will follow the following protocol to issue Non-compliance Notices:
 - Issuance of Non-compliance Notices – We will notify the City when we become aware of a condition that is believed to be in non-compliance with Construction Documents. Anytime we determine that there is a potential construction problem or a condition that could result in non-complying MOT, materials, equipment, workmanship, etc., we will immediately determine whether the condition poses an immediate threat to public health or safety.
 - The Team will issue an immediate verbal notification of Pre-Noncompliance Notice to the Contractor if the issue does not pose a threat to public health or safety. If the Contractor fails to respond to the verbal notification within a reasonable timeframe, we will issue a written Non-Compliance Notice and notify the City. The Non-Compliance Notice will include a description of the work that does not meet the construction contract requirements, along with a required timetable for corrective work to be implemented by the Contractor.

APPROACH TO RESOLVING POTENTIAL PROJECT ISSUES

Some of the issues that we have encountered in past similar projects include:

Scheduling

Critical activities not included in the Baseline Schedule and/or unrealistic durations and logic, reflecting an erroneous critical path of the project, would generate delays and over costs. The EAC Team will concur with the baseline submitted by the contractor only after a close review of it and before construction starts. Monthly progress schedules and weekly progress meetings will be included in this item for discussion.

Utility Conflicts

Lack of enough information in the plans about utility location (horizontal and vertical) is a cause of major delays in roadway construction. Another cause of delay could be not identifying utility relocation at the pre-design phase or missing the generation of Utility Work Schedules (UWSs) in anticipation of construction. Team EAC will compare design documents with field conditions in preparation for the pre-construction meeting.

Utilities Coordination

This item is closely related to the latter and is a stand-alone activity to be included in the schedule reflecting all utilities involved and associated durations. This topic will be an action item in the pre-construction meeting and in the weekly progress meetings.

Dewatering

Presence of ground water should be anticipated. The contractor should obtain all necessary permits.

Harmonization

Harmonizing driveways and walkways are required to provide a smooth, drivable, and ADA pedestrian-accessible transition between the existing properties and the proposed roadway elevations once construction is completed. This is one of the last activities to be performed and plans usually omit detailed information for this activity. Our Team will review the plans and work with the EOR if necessary, to include drawings and/or notes and /or references to standards and specifications. During construction, stormwater may flow into private properties if there is inaccurate information in the plans, or the contractor's means and methods do not prevent this condition.

MINIMIZING PROJECT IMPACTS ON THE COMMUNITY

EAC is a proud advocate of ensuring that the community is considered and catered to throughout the course of implementing infrastructure projects. We will do this by putting in place strategic measures at various phases of overall project implementation to ensure that the proposed project avoids or minimizes adverse impacts to the community. The EAC Team has significant experience in coordinating and achieving consensus on the feasible implementation of construction projects in collaboration with residents and stakeholders on various types of projects. Our team will develop and utilize four important plans, when necessary, to ensure that residents' day-to-day operations are not overly affected by proposed work:

- ✓ An effective Community Outreach Plan
- ✓ A sensible Project Phasing and Traffic Control (Maintenance of Traffic) Plan
- ✓ A practical Construction Safety Plan
- ✓ A detailed Construction Sanitary and Debris Management Plan

The EAC team will work to create an inclusive environment that engages and encourages stakeholders to work together and take full advantage of the opportunity that infrastructure projects afford to improve and revitalize a community. We anticipate that concerns from stakeholders will center around acknowledging the character of the community, aesthetics, driveway access, walkability, safety, construction impacts, and the general fear that infrastructure improvements could create additional traffic, noise, and pollution. These fears will need to be addressed early in the process.

Neighborhood outreach for this project will be provided by Holt Communications, Inc. (Holt), a Broward County CBE/SBE, woman-owned strategic communications firm specializing in public involvement, public relations, and marketing services for public infrastructure projects. Holt has informed and engaged communities, built stakeholder relationships, and developed partnerships to support conflict mitigation and advanced dozens of high-impact infrastructure construction projects. The firm's community outreach team knows what it takes to work proactively with engineers, contractors, emergency responders, officials, impacted residents and businesses to successfully build a project. Established in 2006, Holt is headquartered in Miramar.

CURRENT WORKLOAD

We measure our capacity to provide exceptional client services by reviewing our current and projected workload and balancing that combined workload with our available staff. At EAC, we have weekly production/construction meetings to plan and match our staff's production capacity and availability with current and future project workload through the next 6 - 12 months. Our workload projections are monitored by our Principal-in-Charge, Rick Crooks, PE. Our most current analysis of workload indicates that we have the resources, and we show availability over the next two years to handle new assignments, tasks, services, and projects - on this contract.

The following table shows our current workload and our availability.

	2023		2024			
	Q3	Q4	Q1	Q2	Q3	Q4
EAC Consulting, Inc.						
Workload / Utilized Capacity	65%	45%	30%	30%	25%	20%
Availability / Un-utilized Capacity	35%	55%	70%	70%	75%	80%

The staffing projected for this contract will be maintained to meet the project needs and requirements. As a firm that has gained its reputation by working in partnership with our clients, we consider the relationships we build with all our clients to be critical to our growth and development. Therefore, our goal is always to strive to balance our workload with existing staff to ensure that projects can be completed in a timely manner.

TECHNOLOGY RESOURCES

EAC is a technology leader and utilizes the latest software and hardware to carry out the efficient and effective provision of professional services. Our ability to combine conventional approaches to projects with our knowledge of technological advancements allows us to continuously maintain proficiency in our field of engineering services, as well as to uphold our commitment to provide quality services to our clients. The use of the latest software and tools in no way replaces our commitment to traditional practices, but rather serves to complement these types of practices to improve accuracy, efficiency and consistency. This allows us to better serve the needs of our clients by providing products that meet industry standards while maintaining the budgets of our clients. Our ability to utilize current state-of-the-art software analyses, design, and management tools plays an increasingly important role in our success in satisfying our

clients on a consistent basis. Our product is often the delivery of a set of contract documents (plans and drawings included) that can be transformed into reality through implementing good construction processes.

Some of the design software platforms that we are familiar with include:

CAD Production Software Capabilities

EAC uses computed aided design (CAD) software, which enables our engineers to create 3D models, 2D drawings, and schematics of designs. EAC is very familiar with most of the CAD software available in the industry today and has the capability to utilize these tools including Autodesk AutoCAD, Autodesk Civil3D, Autodesk Autocad LT and Microstation V8i.



Construction Project Management Software

Utilizing a construction project management software to improve project delivery is an approach that brings tremendous benefits to public agencies. EAC's experience with project and construction management software is a differentiator. We are accustomed to working with public agencies in implementing their capital projects' needs, and we often encourage decision makers to utilize software that provides the required level of interaction between all stakeholders on a real-time basis. Our personnel assigned to this project are experienced using Proliance, Project Solve and e-Builder. EAC enterprise with construction management systems goes beyond just the use of the software. We have developed for our clients—such as the Greater Miami Expressway Agency—tailored solutions to administer construction programs. We developed a “Portal” that provides the client and the management team the ability to create near real-time project and program reports in a dashboard format that provides project progress and budget status, access to contracts, task authorizations, work orders and invoices.



SCALABILITY TO SUPPORT VARIOUS PROJECTS

We understand the critical need to provide the right level of resources and expertise precisely when needed. Our focus will be to continue to provide ample resources, no matter how small or short-term the assignment or how large and complex. Our leadership team shares the mindset of tailoring and deploying work order personnel rapidly from our local offices in Fort Lauderdale and Miami-Dade County, leveraging our completely locally based personnel.

Our approach is to administer project assignments to minimize the involvement of the City's staff. There can be no substitute for qualified professionals providing their expertise in a professional manner. EAC will provide staff to take advantage of each professional's expertise, thus ensuring a match between the task and the professional.

Once services are requested by the City, EAC will provide the City's Project Manager with resumes of the most competent professionals in each position and a budget of hours, and any other information needed to complete the Consultant Service Order (Order) for each task requested. As soon as the Order is executed, EAC will mobilize the approved personal immediately to the site.

EAC has also worked with our Clients in providing hybrid construction management teams that include Client personnel supplemented by our team members.

F.

Knowledge of the Site & Local Conditions



F. Knowledge of the Site & Local Conditions

F. KNOWLEDGE OF SITE AND LOCAL CONDITIONS

LOCAL KNOWLEDGE OF THE CITY AND ITS IMPACTS ON WATER, SEWER, REUSE AND STORMWATER INFRASTRUCTURE PROJECTS

Knowledge of Local Conditions

It is important that local staff be aware of the local conditions and the challenges posed by these conditions on the implementation of water, sewer, and stormwater projects. EAC has been designing, managing and overseeing the implementation of various infrastructure projects for the city of Hollywood for over 10 years. Our experience over the years has allowed us to become familiar with the local conditions; as such, we will endeavor to ensure that these conditions are reflected in the design and construction of all infrastructure projects.

Local Geological Conditions

The city of Hollywood is located within Broward County on the southern flank of a stable carbonate platform, on which thick deposits of limestones, dolomites and evaporites have accumulated. The upper two hundred feet of the subsurface profile is composed predominantly of limestone and quartz sand. These sediments were deposited during several glacial and interglacial stages when the ocean was at elevations higher than present.

EAC has designed and constructed several different types of underground infrastructure projects within the city, and we are therefore very familiar with the geological conditions. Depending on the exact location within the city, the first 2 – 8 feet +/- (on average) below the ground surface typically consist of sand, silt and silty sand layers. Towards the lower portions of this sand/silt layer, varying proportions of limestone deposits can be found, which increase with depth.

DEPTH (ft)	SAMPLE TYPE NUMBER	RECOVERY %	BLOW COUNTS (N VALUE)	U.S.C.S.	GRAPHIC LOG	MATERIAL DESCRIPTION
0						0.2' 2" of Topsoil
	SPT	50	3-3-6-10 (9)	SP		SAND, loose, fine, gray
	SPT	42	11-6-8-5 (14)	SP		SAND, medium dense, fine, tan, with limestone fragments
5	SPT	58	2-2-4-4 (6)			SAND, loose, fine, brown to tan
	SPT	75	7-7-15-10 (22)			LIMESTONE, soft, light brown
10	SPT	63	6-8-7-7 (15)			LIMESTONE, very soft, light brown
	SPT	83	8-7-9-9 (16)	LS		LIMESTONE, very soft, light brown
	SPT	83	7-8-10-8 (18)			LIMESTONE, very soft, light brown
15	SPT	83	7-5-5-4 (10)			LIMESTONE, very soft, light brown
Boring terminated at 16.0 feet.						

The City's Vulnerability to Climatic Impacts

The city is considered one of the most vulnerable cities along the east coast of the United States with respect to the impacts of sea level rise, flooding and storm surges. The impacts of extreme precipitation events exacerbate this vulnerability and directly affect residents and city-owned/maintained infrastructure, especially those that are located near the coastline or within proximity to tidally influenced canals and waterbodies. In some cases, existing infrastructure can be rehabilitated, retrofitted and/or hardened by incorporating modifications to allow them to withstand these climatic impacts. Going forward, it is even more critical to employ the services of consultants like EAC, who understand that utility infrastructure must be designed to be sustainable (green), efficient, safe, and at the same time, capable of being resilient to climatic impacts.

Impacts of Geological and Climate Conditions on Water and Sewer Infrastructure Projects

Given EAC's long history with the city, we are acutely aware of how to design underground water and sewer infrastructure projects that are resilient to climate impacts and can be implemented in a safe manner. The soil condition affects the size and stability of excavated trenches for the installation of water, sewer distribution systems, which must be taken into account during design and construction, for successful implementation. Furthermore, geological considerations are critical in determining the depths necessary for trenchless pipe installations to avoid trench collapse and frac-out conditions.

Impacts of Geological Conditions and Climate on Stormwater Infrastructure Projects in Low Lying Areas

The geological conditions within the city also adversely affect the design of traditional stormwater systems such as french drains and dry retention/detention systems. Typically, as you move further towards the eastern limits of the city, ground elevations become progressively lower, and ground water levels become relatively higher, which affects the performance of stormwater systems.

In addition, high-tide, sea level rise, and storm surge create major flooding issues for neighborhoods and commercial areas within the city. Traditional stormwater exfiltration systems are rendered useless in areas adjacent to, and east of, Interstate 95. These flooding issues are typically addressed by designing stormwater pump stations that can discharge into deep injection wells. These pump stations must be reliable, efficient and operable during natural disasters.

Impact of Hurricanes

During the Hurricane season from June 1 to October 30, we will direct the Contractor to secure the project site 72 hours in advance of any hurricane or major storm. We follow established protocol of documenting existing conditions, direct contractor remove or secure all equipment, clean all drainage structures and safely stage any portable pumps for use after the hurricane. After the hurricane we perform assessment of damages on the site and document damages for insurance claims.

KNOWLEDGE OF LOCAL PERMITTING AGENCIES, CODES AND PROCEDURES

EAC has the knowledge and extensive experience with the necessary permitting agencies required to implement water, sewer and stormwater infrastructure projects. EAC understands that most design schedule delays are due to extensive Local, County and/or State permitting reviews and approvals. To avoid these time-consuming delays, it is critical to have a plan that incorporates a permitting strategy. EAC develops a permitting plan and maintains a permitting log for each project. The plan outlines detailed steps that ensure the most efficient permitting activities. To be efficient, it is critical to have knowledge of the following:

- The role of each permitting agency;
- The regulations and requirements of each agency; and
- The length of time each agency takes to perform its reviews

The EAC project team brings a wealth of experience in securing jurisdictional approvals that is effective and meets the requirements of all jurisdictional agencies that maintain Local, County and State jurisdictional authority. Our experiences on previous projects with the city as well as with other municipal, county and state clients, have given us the opportunity to liaise and gain the confidence of several approval agencies and departments. In addition, EAC has also been privileged to perform services directly, as a Prime Consultant, to several of the local and statewide permitting agencies. This experience has allowed us to understand their perspectives and develop relationships with permitting staff and key decision makers.

Several of our current staff members have either worked directly or indirectly for key permitting agencies that may be critical to projects issued under this RFQ. Our strong professional relationships and knowledge are essential because they allow us to solicit and receive the feedback and guidance to steer the implementation of assigned projects. Our team will work diligently and proactively to initiate communications early with permitting agencies to ensure transparency and openness throughout the permitting process.

City's Code of Ordinance

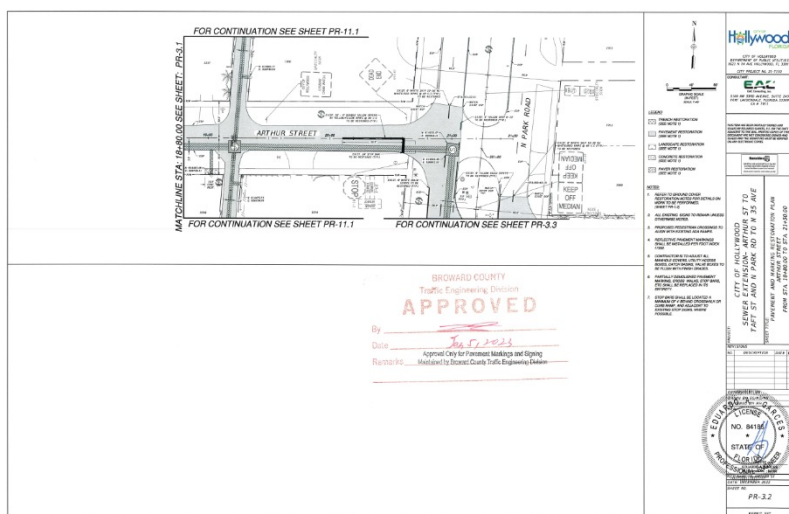
EAC is also aware of the city's Code of Ordinance and will continue to ensure that all infrastructure projects comply with these codes. EAC fully understands that the city's power and jurisdiction extends over all lands and over all bodies of water, to the extent allowed by law, within the corporate limits and the air above, and to all lands within the limits of the city that are owned, leased or operated by the city.

EXPERIENCE WORKING WITH COMPLEX LOGISTICAL CHALLENGES INCLUDING PUBLIC SAFETY AND SAFETY CONSIDERATIONS

Underground infrastructure projects by their very nature are complex, since we can't see visually what exists below ground. The presence of other underground utilities and installations poses conflicts, which are sometimes known and sometimes unknown. Soil composition and local conditions will often-times limit the method of construction that can be utilized to implement water, sewer, reuse and stormwater infrastructure projects.

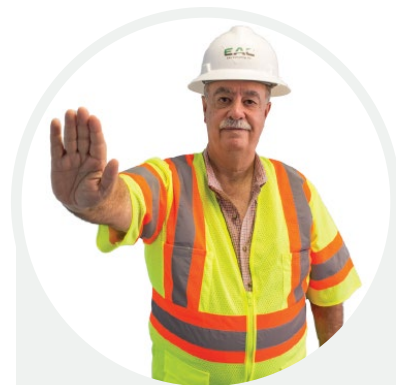
Public safety and welfare, as well as other safety considerations, are critical in the implementation of complex infrastructure projects.

SAFETY MUST NEVER BE COMPROMISED. To achieve this standard, safety considerations must begin during the design process and must be carried through to the construction phase of the project. EAC has worked on several complex utility infrastructure projects for the city of Hollywood and other utility owners and has made special provisions and considerations for public safety and other safety considerations during the design process.



Key items to reducing the risks associated with water, sewer, and stormwater infrastructure projects, and to promote safety for the general public and construction workers are:

- ✓ Site assessment and analysis to determine potential hazards to pedestrians and traffic patterns
- ✓ Contact Sunshine 811 to identify all utility owners with buried infrastructure within the project limits and request copies of as-built information
- ✓ Perform detailed topographic survey to identify any above-ground indication of the presence of underground utilities (valve covers, manholes, tubular markers, etc.)
- ✓ Perform utility designations using various geophysical methods (ground penetration radar, electromagnetic induction, etc.) to determine the horizontal locations of existing utilities
- ✓ Perform test holes and soft digs to locate the depth of existing utilities
- ✓ Perform soil borings and other geotechnical explorations to determine soil characteristics at varying depths, as well as slope stability analysis to determine trench safety
- ✓ Designing and preparing construction documents to encourage proper construction practices
- ✓ Require contractors to submit a Safety Plan for construction workers and the public
- ✓ Recognize and account for additional safety concerns in areas such as schools and residential neighborhoods
- ✓ Developing MOT to address the needs of area of concern to maintain pedestrian and vehicular traffic in a safe and efficient manner



PLAN

ahead to get the job
done safely

PROVIDE

the right equipment

TRAIN

everyone to use the
equipment safely

CONSTRUCTION PHASE PUBLIC SAFETY CONSIDERATIONS

Night Temporary Illumination

Although we anticipate little or no night construction depending on the project demands, in the event of nighttime work, we will observe and record if portable light plants are being utilized by the contractor in a manner so as to screen the residents from glare by directing the fixtures down toward the work activity and utilizing screening as necessary, while ensuring proper illumination for both contractors, pedestrians and traffic.

Construction Noise

EAC will work closely with the City and the Contractor's Safety Manager to implement proper noise control methods, and feedback will be provided to the City regarding the effectiveness of noise control measures during safety meetings. Hearing protection and the selection and use of hearing protection devices will be monitored to safeguard employees and all persons present on the job site from hearing damage and/or impairments. Our team is prepared to work with the City and implement methods for sound management that are to be followed by all working personnel. Our team's preventative management approach aims to reduce noise during the entire construction process, which is achievable through quiet work practices, quiet construction equipment, and other effective noise control practices.

Dust Prevention

The inherent moisture content of excavated materials may limit the total amount of dust associated with any neighborhood construction project. Nevertheless, where necessary, EAC will work with the City and the Contractor to use wet suppression to control dust dispersions and to provide temporary dust control. We anticipate this will be applied to aggregate stock piles, bare ground work sites and drilling operation sites on a routine basis several times a day, if needed. Wet suppression consists of applying water or wetting agents from sprinkler pipelines, hoses, tank trucks or other devices capable of providing regulated flow, uniform spray, and positive shutoff. We will observe and record to ensure that dust suppression wetting agents will be water-soluble, nontoxic, non-reactive, non-volatile, non-foaming, and will not be applied to planted soil areas. Accumulation of dirt/dust on sidewalks and temporary and/or permanent restoration paving will be observed and recorded. Our team will work with the Contractor to ensure a street sweeper will be on site as needed to ensure no buildup of dirt and debris occurs. During front-end loader, clamshell bucket, or backhoe activities, the free drop height of excavated or aggregate material will be monitored and documented to ensure reduction in dust generation. During transport, EAC will observe and document if a freeboard space between the material and the top of the dump track bed is maintained to avoid spilling materials that can generate dust.

Truck Hauling Devices

Trucks hauling soil, muck or rock will have a truck bed completely covered with a tarp or similar protective cover before leaving the site. Before leaving the site, the vehicle body and/or wheels will be cleaned of mud and dirt to control tracking on to roadways. Gravel wheel-tracking areas will be installed, in addition to any water-cleaning areas to reduce mud tracking on to public roadways.

Street Sweeper

We will observe and document Contractor's daily clean-up activities on public roadways and walkways affected by work on this project as necessary. We will observe proper clean-up of equipment such as utilizing wet spray power vacuum sweeper or similar equipment for necessary clean-up on paved roadways.

Vibration

The EAC CEI Team will observe and document cofferdam construction, including support of excavation installation construction. We anticipate these will be the highest vibration sources for regular neighborhoods, especially during the construction of Pump Stations, as applicable. EAC's CEI Team will observe and document Contractor's monitoring of ground vibrations at sensitive building locations and the Contractor's record measurements of frequency and peak particle velocity will be used at the beginning of each type of construction activity to verify that vibrations do not exceed the established limits. We will adhere to the use of a maximum total gross weight of three (3) tons for vibratory roadway compaction equipment. Existing structures will be surveyed prior to construction, monitored during compaction operations and verified that no damage has occurred.

Damage To Any Existing Facilities During Construction

At the request of the City, EAC will coordinate with the City and contractor pre-construction surveys and videos of all buildings/structures within the neighborhood and affected areas and document existing conditions. We will also work with the City and Contractor to ensure that a final completion survey is performed to determine any damage, along with plans to correct deficiencies. Verification will be if the Contractor has notified respective owners of the damage. We will monitor and document the contractor's settlement monitoring program to verify that the contractor's survey monitoring points are located in the immediate vicinity of each vibratory installation. We will document if the monitoring points are properly affixed to nearby surface elements or critical structures (building corners, etc.). The spatial coordinates of each point will be base-lined and subsequently monitored on a periodic basis during construction and for a limited time thereafter. Should any readings indicate movement has occurred, it will be evaluated against pre-established action level criteria and it will be documented and reported to the City.

Prevention Or Containment of Any Discharges Caused by the Proposed Work

EAC's approach to observing and documenting Contractor's handling of potential contaminants will rely on the basic tenant of avoidance backed up by a detailed mitigation plan submitted prior to performing any work on the project. EAC will evaluate the Contractor's dewatering approach designed for the specific project in accordance with the required permit limiting conditions and will ensure the contractor maintains sufficient pumping equipment and machinery in good working for the pre-treatment of construction Water.

Water Management Activities During Construction

EAC will observe and record Water management activities during construction. Existing drainage systems should be kept in operation as the work progresses from sector to sector wherever possible. As areas receiving new drainage systems come on-line, flow should be diverted through existing drainage systems for disposal via temporary gravity piping or pumping around the affected sectors of work to ensure flooding does not occur. We will record and document if any sanitary system replacement is properly conducted by ensuring – through plugging and bypassing – that all sewage remains contained within the sanitary systems. The EAC Team will work with the City and Contractor to ensure that the removal and replacement approach to the work is coordinated in a manner such that interruption of service is minimal for residents and businesses along the conversion route. Sewage breaks or spills will be observed and documented for quick containment in accordance with the site mitigation plan. In the event contaminated soil and/or groundwater are encountered, we will observe and document the soil and groundwater during excavation for signs of contamination. If necessary, chemical testing and groundwater sampling will occur to ascertain the conditions of the materials found. If contaminated materials are encountered, we will immediately bring these findings to the City and take the appropriate action for the safe handling and disposal of these materials.

EAC will verify that the Contractor is conducting inspections, preparing reports, and monitoring all storm water pollution prevention measures as required by the Storm Water Pollution Prevention Plan (SWPPP), and in compliance with the Environmental Permits associated with the project.



G.

References - Vendor Reference Form



G. References - Vendor Reference Form

VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-118-23-JJ

Reference for: EAC Consulting, Inc.

Organization/Firm Name providing reference:

City of West Park

Organization/Firm Contact

Name:

Greg Perry, P.E.

Gregory Perry

Digitally signed by Gregory Perry
DN: cn=Gregory Perry, o=ou,
email=gregperry@cityofwestpark.org,
c=US
Date: 2023.09.13 10:18:28 -0400

Title:

Director of Engineering & Capital Improvements

Email:

gperry@cityofwestpark.org

Phone: 954-350-2705

Name of Referenced Project:

SW 25th St Complete Street Improvement Project

Contract No: 21082.CM01-01

Date Services were provided:

5/2022 - 4/2023

Project

Amount: \$2,356,029.70

Referenced Vendor's role in Project:

☒ Prime Vendor☐ Subcontractor/
Subconsultant

Would you use the Vendor again?

☒ Yes☐ No. Please specify in additional comments

Description of services provided by Vendor (provide additional sheet if necessary):

Provided Construction Inspection (CEI) Services

The Project proposed consists of 1.5-mile improvements of SW 25

Street from SR 7 to SW 40 Avenue. Funding Sources: Broward County Surtax

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Timeliness/Cost Control of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments (provide additional sheet if necessary):

High level professional engineering organization with superior knowledge and abilities in all facets of Heavy Civil design and construction administration services.

******THIS SECTION FOR CITY USE ONLY******

Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input type="checkbox"/>	Mail:	<input type="checkbox"/>
Verified by:	Name:				Title:	
	Department:				Date:	

VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-118-23-JJ
 Reference for: EAC Consulting, Inc.

Organization/Firm Name providing reference: City of Miami Beach

Organization/Firm Contact Name: Rodney Perez
 Email: rodney.perez@miamibeachfl.gov
 Name of Referenced Project: North Beach Oceanside Beachwalk
 Date Services were provided: 6/2021 - 5/2022
 Title: Capital Improvement Projects Coordinator
 Phone: 786-682-8302
 Contract No: 17012.CM01-02
 Project Amount: \$3,800,000.00
 Referenced Vendor's role in Project: ☒ Prime Vendor ☐ Subcontractor/
 Subconsultant
 Would you use the Vendor again? ☒ Yes ☐ No. Please specify in additional comments

Description of services provided by Vendor (provide additional sheet if necessary):

Provided Construction Inspection (CEI) Services

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Timeliness/Cost Control of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments (provide additional sheet if necessary):

EAC Consulting provided CEI services to the City of Miami Beach in the North Beach Oceanside Beachwalk project.

******THIS SECTION FOR CITY USE ONLY******

Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input type="checkbox"/>	Mail:	<input type="checkbox"/>
Verified by:	Name:				Title:	
	Department:				Date:	

VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-118-23-JJ

Reference for: EAC Consulting, Inc.

Organization/Firm Name providing reference:

City of Miami

Organization/Firm Contact

Name:

Valentine Onuigbo, P.E

Email:

vonuigbo@miamigov.com

Name of Referenced Project:

Mary Brickell Village & SW 1st Ave
Roadway & Drainage Improvements

Date Services were provided:

12/2019 - Ongoing

Title:

Sr. Construction Manager

Phone: 786-447-9817

Contract No: 15007.CM-04

Project

Amount: \$1,279,675.00

Referenced Vendor's role in Project:

☒ Prime Vendor☐ Subcontractor/
Subconsultant

Would you use the Vendor again?

☒ Yes☐ No. Please specify in additional comments

Description of services provided by Vendor (provide additional sheet if necessary):

Provided Construction Inspection (CEI) Services

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Timeliness/Cost Control of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments (provide additional sheet if necessary):

Proactive as well to resolve conflicts and innovations

******THIS SECTION FOR CITY USE ONLY******

Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input type="checkbox"/>	Mail:	<input type="checkbox"/>
Verified by:	Name:				Title:	
	Department:				Date:	

H.

Sub Consultant Information



H. Sub Consultant Information

EAC Consulting, Inc. identifies the subconsultants below for possible utilization for the work in accordance with the Contract.

Company		Certifications & Local City of Hollywood Business	Professional Services
CES Consulting, LLC			Construction Administration and Resident Engineering and Inspection
CAP Engineering, Inc.			Construction Administration and Resident Engineering and Inspection
Grace Professional Solutions, LLC		SBE/CBE/MWBE	Grant Support and Management
Hillers Electrical Engineering, Inc.		MBE	Electrical Engineering, Instrumentation and Controls
Johnson Levinson Ragan Davila (JLRD)			Mechanical & Plumbing
NV5, Inc		Local City of Hollywood Business	Geotechnical engineering, Construction materials testing, Mechanical Engineering, Environmental Engineering, and Specialty testing
Holt Communications, Inc.		DBE · M/WBE · CBE · SBE	Public Information services
Stephen H. Gibbs Land Surveyors, Inc.		Local City of Hollywood Business	Topographic Surveying and Mapping



I.

Financial Resources



I. Financial Resources

Confidential Financial Records Submitted under Seal and Exempt from Florida Public Records Disclosure

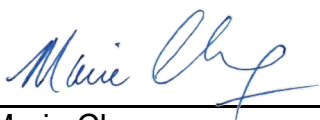
**FINANCIAL CONDITION**

Below is a summary of EAC Consulting Inc.'s (EAC) financial position on the accrual basis for the years ended December 31st 2021 & 2022. The information demonstrates that EAC is financially stable as well as financially sustainable. EAC has not been involved in any prior or current bankruptcy proceedings.

BALANCE SHEET SUMMARY	2021	2022
Assets	\$ 6,019,114	\$ 10,168,513
Liabilities	\$ 3,483,583	\$ 6,161,392
Stockholders Equity/ Net Worth	\$ 2,535,531	\$ 4,007,121

The above information is accurate and complete to the best of my knowledge.

EAC Consulting, Inc.


 Marie Chong
 Senior Vice President, CFO

9/13/2023
 Date

As provided for in Section 119.071(1)c of the Florida Statutes, EAC Consulting Inc. respectfully requests the information provided herein be treated as a confidential matter.



J.

Legal Proceedings & Performance



J. Legal Proceedings & Performance



EAC Consulting, Inc.
City of Hollywood

September 13, 2023

To Whom it May Concern:

This is to advise that EAC Consulting, Inc. (EAC) has not paid liquidated damages and has not been terminated for default on its projects.

- 1-3. A list of legal proceedings that EAC has been involved in within the last five (5) years is attached as Exhibit A.
4. EAC has not had any bankruptcy petitions filed in its name.
5. EAC has not had a contract which we were a party terminated by the other party.
6. EAC has not had to use bonding moneys to complete a project or to pay a subconsultant or supplier.

I hereby certify the above statements to be correct and true to the best of my knowledge.

Sincerely,
EAC Consulting, Inc.

A handwritten signature in blue ink, appearing to read "Marie Chong", is written over a light blue horizontal line.

Marie Chong
Sr. Vice President and CFO



EXHIBIT A

EAC Consulting, Inc. Five Year Litigation History

The below is a list of Legal Proceedings involving EAC Consulting, Inc. within the last five (5) years. The list includes Arbitrations, Lawsuits and other proceedings such as administrative proceedings, or hearings initiated by the National Labor Relations Board or similar state agency concerning any labor practices, hearings initiated by the Occupational Safety and Health Administration concerning project safety practices.

Caption of the matter	Case no.	Court	Description	Resolution
2019 F.R. Aleman and Associates Inc., (FRA) as Claimant against EAC Consulting Inc., (EAC) as the Respondent.	01-19-0002-1379	American Arbitration Association (AAA)	Parties: Sub-Consultant, F.R. Aleman and Associates Inc., alleged breach of contract arising out of extra As-Built Surveying work claims against the Prime Consultant, EAC Consulting Inc. as members of a design-built team with Contractor, Ric-Man Construction, Florida on a Project known as "Replacement of Water Mains and Service Conversions in the Shenandoah Area" of Miami-Dade County for the Miami-Dade County Water and Sewer Department.	Resolved in 2021 in favor of EAC. The Arbitration Panel rejected all claims by FRA in determining EAC as the prevailing party.
2021 Roy Stephen Shiver v. Roadway Construction, LLC, & EAC Consulting, Inc. arising out of a traffic accident.	2021-011959-CA-01	Circuit Court of the Eleventh Judicial Circuit in and for Miami-Dade County, Florida.	Parties: Roy Shiver alleges personal injury arising from a car accident in the vicinity of a road construction project where EAC Consulting, Inc., served as the engineer of record. EAC has denied all allegations as it was not involved in the construction MOT plan.	Pending in early stages.

Confirmed By:

Print Name and Title:


Marie Chong, CFO

9.13.2023

date

who is authorized to sign on behalf of EAC Consulting, Inc.

K.

Required Forms



K. Required Forms



OPEN

DESIGN, CONSTRUCTION ENGINEERING AND INSPECTION SERVICES

Last updated by Addendum #1 on Sep 19, 2023 8:29 AM

[See what changed](#)

Request For Qualification

Public Utilities

20982, 30600, 91107, 91831, 91842... show all

Project ID: RFQ-118-23-JJ

Release Date: Wednesday, August 23, 2023

Due Date: Monday, October 2, 2023 3:00pm

Posted Wednesday, August 23, 2023 1:18pm

All dates & times in Eastern Time

Time Remaining: 4 days, 3 hours, 55 minutes

[1. Contact Information](#)



[2. Addenda Confirmation](#)



[3. Questionnaire](#)

[4. Company Profile](#)



[5. Submit](#)

Incomplete

Options ▾

✓ Save

EAC Consulting Inc Proposal

Export to CSV

✕ 1. Upload Statement of Qualification*

Proposals or Statements of Qualifications should be organized using the following format:

1. Table of Contents
2. Executive Summary
3. Firm's Qualification & Experience
4. Organizational Profile and Project Team Qualifications
5. Approach to Scope of Work
6. References/Past Performances

Please refer to **#SUBMITTAL REQUIREMENTS** section, for details regarding the requirement of each section of the Statement of Qualification.

Upload File

Drop some files here or click to select files to upload.



Response is required

✓ 2. Vendor Reference Form*

Please download the below documents, complete, and upload.

[Vendor Reference Form_\(1\).pdf](#)

Your file uploads:

[Ref01. EAC Consulting, Inc.-City of West Park.pdf](#)



[Ref02. EAC Consulting, Inc. -City of Miami Beach.pdf](#)



[Ref03. EAC Consulting, Inc. -City of Miami.pdf](#)



Upload File

Drop some files here or click to select files to upload.



✓ 3. Hold Harmless and Indemnity Clause *

I, an authorized representative, the contractor, shall indemnify, defend and hold harmless the City of Hollywood, its elected and appointed officials, employees and agents for any and all suits, actions, legal or administrative proceedings, claims, damage, liabilities, interest, attorney' s fees, costs of any kind whether arising prior to the start of activities or following the completion or acceptance and in any manner directly or indirectly caused, occasioned or contributed to in whole or in part by reason of any act, error or omission, fault or negligence whether active or passive by the contractor, or anyone acting under its direction, control, or on its behalf in connection with or incident to its performance of the contract.

☒ Please confirm


Andrew Pierce, PE; VP


Date

✓ 4. Non-Collusion Statement*

I, being first duly sworn, depose that:

1. He/she is an authorized representative of the Company, the Proposer that has submitted the attached Proposal.

2. He/she has been fully informed regarding the preparation and contents of the attached Proposal and of all pertinent circumstances regarding such Proposal;
3. Such Proposal is genuine and is not a collusion or sham Proposal;
4. Neither the said Proposer nor any of its officers, partners, owners, agents, representatives, employees or parties in interest, including this affiant has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Proposer, firm or person to submit a collusive or sham Proposal in connection with the contractor for which the attached Proposal has been submitted or to refrain from bidding in connection with such contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Proposer, firm or person to fix the price or prices, profit or cost element of the Proposal price or the Proposal price of any other Proposer, or to secure an advantage against the City of Hollywood or any person interested in the proposed Contract; and
5. The price or prices quoted in the attached Proposal are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Proposer or any of its agents, representatives, owners, employees or parties in interest, including this affiant.

☒ Please confirm


Andrew Pierce, PE; VP


Date

✓ 5. Certifications Regarding Debarment, Suspension and Other Responsibility Matters*

The applicant certifies that it and its principals:

Are not presently debarred, suspended, proposed for debarment, declared ineligible, sentenced to a denial of Federal benefits by a State or Federal court, or voluntarily excluded from covered transactions by any Federal department or agency;

Have not within a three-year period preceding this application been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction, violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;

Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (b) of this certification; and

Have not within a three-year period preceding this application had one or more public transactions (Federal, State, or local) terminated for cause or default.

☒ Please confirm


Andrew Pierce, PE; VP


Date

✓ 6. Drug-Free Workplace Program*


1. IDENTICAL TIE PROPOSALS - Preference shall be given to businesses with drug-free workplace programs. Whenever two or more bids which are equal with respect to price, quality, and service are received by the State or by any political subdivision for the procurement of commodities or contractual services, a bid received from a business that certifies that it has implemented a drug-free workplace program shall be given preference in the award process. Established procedures for processing tie proposals will be followed if none of the tied vendors have a drug-free workplace program. In order to have a drug-free workplace program, a business shall:

1. Publish a statement notifying employees that the unlawful manufacture, distribution, dispensing, possession, or use of a controlled substance is prohibited in the workplace and specifying the actions that will be taken against employees for violations of such prohibition.

2. Inform employees about the dangers of drug abuse in the workplace, the business's policy of maintaining a drug-free workplace, any available drug counseling, rehabilitation, and employee assistance programs, and the penalties that may be imposed upon employees for drug abuse violations.
3. Give each employee engaged in providing the commodities or contractual services that are under bid a copy of the statement specified in subsection (1).
4. In the statement specified in subsection (1), notify the employee that, as a condition of working on the commodities or contractual services that are under bid, the employee will abide by the terms of the statement and will notify the employer of any conviction of, or plea of guilty or nolo contendere to, any violation of chapter 893 or of any controlled substance law of the United States or any state, for a violation occurring in the workplace no later than five (5) days after such conviction.
5. Impose a sanction on, or require the satisfactory participation in a drug abuse assistance or rehabilitation program (if such is available in the employee's community) by, any employee who is so convicted.
6. Make a good faith effort to continue to maintain a drug-free workplace through implementation of these requirements.

As the person authorized to sign the statement, I certify that this firm complies fully with the above requirements.

☒ Please confirm

 9/28/2023
 Andrew Pierce, PE; VP Date

✓ 7. Solicitation, Giving, and Acceptance of Gifts Policy*

Florida Statute 112.313 prohibits the solicitation or acceptance of Gifts. "No Public officer, employee of an agency, local government attorney, or candidate for nomination or election shall solicit or accept anything of value to the recipient, including a gift, loan, reward, promise of future employment, favor, or service, based upon any understanding that the vote, official action, or judgment of the public officer, employee, local government attorney, or candidate would be influenced thereby." The term "public officer" includes "any person elected or appointed to hold office in any agency, including any person serving on an advisory body."

The City of Hollywood/Hollywood CRA policy prohibits all public officers, elected or appointed, all employees, and their families from accepting any gifts of any value, either directly or indirectly, from any contractor, vendor, consultant, or business with whom the City/CRA does business.

The State of Florida definition of "gifts" includes the following:

- Real property or its use,
- Tangible or intangible personal property, or its use,
- A preferential rate or terms on a debt, loan, goods, or services,
- Forgiveness of indebtedness,
- Transportation, lodging, or parking,
- Food or beverage,
- Membership dues,
- Entrance fees, admission fees, or tickets to events, performances, or facilities,
- Plants, flowers or floral arrangements
- Services provided by persons pursuant to a professional license or certificate.
- Other personal services for which a fee is normally charged by the person providing the services.
- Any other similar service or thing having an attributable value not already provided for in this section.

9/22/23, 11:05 AM

EAC Consulting Inc Proposal

Any contractor, vendor, consultant, or business found to have given a gift to a public officer or employee, or his/her family, will be subject to dismissal or revocation of contract.

As the person authorized to sign the statement, I certify that this firm will comply fully with this policy.


☒ Please confirm

✓ 8. List of Subcontractors*

Please download the below documents, complete, and upload.

 [Form_14_-_List_of_Subcontractors.docx.pdf](#)

Your file uploads:

 [Form_14_-_List_of_Subcontractors.docx.pdf](#)




Upload File

Drop some files here or click to select files to upload.



✓ 9. Certificate of Insurance*

See requirements in the [#SPECIAL TERMS AND CONDITIONS](#) section.

 [EAC_COI EVIDENCE OF COVERAGE_EXP_7.1.24.pdf](#)



Upload File

Drop some files here or click to select files to upload.



✓ 10. Proof of Sunbiz Registration*

Enter company FEIN to be verified in Sunbiz

65-0519739

✓ 11. Proof of License - Department of Business & Professional Regulation

Enter license number to be verified in Department of Business & Professional Regulation

CA7011

12. ACKNOWLEDGMENT AND SIGNATURE PAGE

✓ 12.1. If Corporation - Date Incorporated/Organized:*

September 4, 1994

✓ 12.2. State Incorporated/Organized:*

Florida

✓ 12.3. Remittance Address*

B I U    

5959 Blue Lagoon Drive, Suite 410

Miami, FL 33126

✓ 12.4. Bidder/Proposer's Authorized Representative's Typed Full Name*

Andrew Pierce, PE

✓ 12.5. IT IS HEREBY CERTIFIED AND AFFIRMED THAT THE BIDDER/PROPOSER CERTIFIES ACCEPTANCE OF THE TERMS, CONDITIONS, SPECIFICATIONS, ATTACHMENTS AND ANY ADDENDA. THE BIDDER/PROPOSER SHALL ACCEPT ANY AWARDS MADE AS A RESULT OF THIS SOLICITATION. BIDDER/PROPOSER FURTHER AGREES THAT PRICES QUOTED WILL REMAIN FIXED FOR THE PERIOD OF TIME STATED IN THE SOLICITATION.*

✓ Please confirm


 9/28/2023

Andrew Pierce, PE; VP

Date

✓ 12.6. THE EXECUTION OF THIS FORM CONSTITUTES THE UNEQUIVOCAL OFFER OF BIDDER/PROPOSER TO BE BOUND BY THE TERMS OF ITS PROPOSAL. FAILURE TO SIGN THIS SOLICITATION WHERE INDICATED BY AN AUTHORIZED REPRESENTATIVE SHALL RENDER THE BID/PROPOSAL NON-RESPONSIVE. THE CITY MAY, HOWEVER, IN ITS SOLE DISCRETION, ACCEPT ANY BID/PROPOSAL THAT INCLUDES AN EXECUTED DOCUMENT WHICH UNEQUIVOCALLY BINDS THE BIDDER/PROPOSER TO THE TERMS OF ITS OFFER.*

✓ Please confirm


 9/28/2023

Andrew Pierce, PE; VP


Date

✓ 12.7. Proposal Form*

Please download the below documents, complete, and upload.

 [Proposal_Form.docx](#)

Your file uploads:

 [Proposal_Form.docx](#)

Upload File

Drop some files here or click to select files to upload.



13. SWORN STATEMENT PURSUANT TO SECTION 287.133 (3) (a) FLORIDA STATUTES ON PUBLIC ENTITY CRIMES**✓ 13.1. This form statement is submitted to the City of Hollywood by:***

(Print individual's name and title) (Print name of entity submitting sworn statement)

Andrew Pierce, PE; Vice President

✓ 13.2. Sworn Statement Continuation:*

Enter business address:

5100 NW 33rd Avenue, Suite 243, Fort Lauderdale, FL 33309

✓ 13.3. Sworn Statement Continuation:*

Enter Federal Employer Identification Number (FEIN) is:

If the entity has no FEIN, include the Social Security Number of the individual signing this sworn statement.

65-0519739

✓ 13.4. Sworn Statement Continuation:*

I understand that "convicted" or "conviction" as defined in Paragraph 287.133(1)(b), Florida Statutes, means a finding of guilt or a conviction of a public entity crime, with or without an adjudication of guilt, in an federal or state trial court of record relating to charges brought by indictment or information after July 1, 1989, as a result of a jury verdict, nonjury trial, or entry of a plea of guilty or nolo contendere.

Confirmed


✓ 13.5. Sworn Statement Continuation:*

I understand that "Affiliate," as defined in paragraph 287.133(1)(a), Florida Statutes, means:

1. A predecessor or successor of a person convicted of a public entity crime, or
2. An entity under the control of any natural person who is active in the management of the entity and who has been convicted of a public entity crime. The term "affiliate" includes those officers, directors, executives, partners, shareholders, employees, members, and agents who are active in the management of an affiliate. The ownership by one person of shares constituting a controlling interest in another person, or a pooling of equipment or income among persons when not for fair market value under an arm's length agreement, shall be a prima facie case that

one person controls another person. A person who knowingly enters into a joint venture with a person who has been convicted of a public entity crime in Florida during the preceding 36 months shall be considered an affiliate.

☒ Please confirm



 Andrew Pierce, PE; VP 9/28/2023
 Date

✓ **13.6. Sworn Statement Continuation:***

I understand that "person," as defined in Paragraph 287.133(1)(e), Florida Statutes, means any natural person or any entity organized under the laws of any state or of the United States with the legal power to enter into a binding contract and which bids or applies to bid on contracts let by a public entity, or which otherwise transacts or applies to transact business with a public entity.

The term "person" includes those officers, executives, partners, shareholders, employees, members, and agents who are active in management of an entity

☒ Please confirm


 Andrew Pierce, PE; VP 9/28/2023
 Date

✓ **13.7. Sworn Statement Continuation:***

Based on information and belief, the statement which I have marked below is true in relation to the entity submitting this sworn statement. (Please indicate which statement applies.)

Division of Administrative Hearings, determined that it was not in the public interest to place the entity submitting this sworn statement on the convicted vendor list. (attach a copy of the Final Order).

Select all that apply

☒ **Neither the entity submitting sworn statement, nor any of its officers, director, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, nor any affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.**

☐ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime subsequent to July 1, 1989.

☐ The entity submitting this sworn statement, or one or more of its officers, directors, executives, partners, shareholders, employees, members, or agents who are active in the management of the entity, or an affiliate of the entity has been charged with and convicted of a public entity crime, but the Final Order entered by the Hearing Officer in a subsequent proceeding before a Hearing Officer of the State of Florida,

✓ **13.8. Sworn Statement Confirmation***

I UNDERSTAND THAT THE SUBMISSION OF THIS FORM TO THE CONTRACTING OFFICER FOR THE PUBLIC ENTITY IDENTIFIED IN PARAGRAPH 1 (ONE) ABOVE IS FOR THAT PUBLIC

ENTITY ONLY AND THAT THIS FORM IS VALID THROUGH DECEMBER 31 OF THE CALENDAR YEAR IN WHICH IT IS FILED. I ALSO UNDERSTAND THAT I AM REQUIRED TO INFORM THAT PUBLIC ENTITY PRIOR TO ENTERING INTO A CONTRACT IN EXCESS OF THE THRESHOLD AMOUNT PROVIDED IN SECTION 287.017 FLORIDA STATUTES FOR A CATEGORY TWO OF ANY CHANGE IN THE INFORMATION CONTAINED IN THIS FORM.

☒ Please confirm

 9/18/2023

Andrew Pierce, PE; VP

Date

< Back

Save Progress

Continue >



EACCONS-01

RJONES

CERTIFICATE OF LIABILITY INSURANCE

 DATE (MM/DD/YYYY)
6/23/2023

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 Ames & Gough 8300 Greensboro Drive Suite 980 McLean, VA 22102	CONTACT NAME: PHONE (A/C, No, Ext): (703) 827-2277		FAX (A/C, No): (703) 827-2279
	E-MAIL ADDRESS: admin@amesgough.com		
INSURED EAC Consulting, Inc. 5959 Blue Lagoon Drive Suite 410 Miami, FL 33126	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A : Hartford Underwriters Insurance Company A+ (XV)		30104
	INSURER B : Trumbull Insurance Company A+ (XV)		27120
	INSURER C : Hartford Casualty Insurance Company A+ (XV)		29424
	INSURER D : Twin City Fire Insurance Company A+ (XV)		29459
	INSURER E : Travelers Casualty & Surety Co. of America A++, XV		31194
INSURER F :			

COVERAGES
CERTIFICATE NUMBER:
REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<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 type="checkbox"/> LOC OTHER:			42UUNOL5044	7/1/2022	7/1/2023	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input type="checkbox"/> ANY AUTO OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			42UENOL5166	7/1/2022	7/1/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			42XHUOL5045	7/1/2022	7/1/2023	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000 \$
D	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) <input checked="" type="checkbox"/> Y <input type="checkbox"/> N / A If yes, describe under DESCRIPTION OF OPERATIONS below			42WEOL6H10	7/1/2022	7/1/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
E	Professional Liab.			107279653	7/1/2022	7/1/2023	Per Claim/Aggregate \$ 2,000,000

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

CERTIFICATE HOLDER
CANCELLATION
EVIDENCE OF COVERAGE

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

ACORD 25 (2016/03)

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The ACORD name and logo are registered marks of ACORD

Form 14

LIST OF SUBCONTRACTORS

The Respondent shall list below the name and address of each Subcontractor who will perform work under this Contract, and shall also list the portion of the work which will be done by such Subcontractor. After the opening of Submittals, changes or substitutions will be allowed with written approval of the City of Hollywood. Subcontractors must be properly licensed.

	Work to be Performed	Subcontractor's Name / Address
1.	<u>CEI Services</u>	<u>CES Consultants, Inc.</u> 880 SW 145th Ave., Suite 106 Pembroke Pines, FL 33027
2.	<u>CEI Services</u>	<u>CAP Engineering</u> 343 Almeria Ave, Coral Gables, FL 33134
3.	<u>Grant Support & Management</u>	<u>Grace Professional Services</u> 11009 NW 81st Manor, Parkland, FL. 33076
4.	<u>Material Testing</u>	<u>NV5</u> 200 S. Park Road, Suite 350, Hollywood, FL 33021
5.	<u>Surveying</u>	<u>Stephen H Gibbs Land Surveyors</u> 2131 Hollywood Blvd, Suite 204, Hollywood, FL. 33020
6.	<u>Public Involvement</u>	<u>Holt Communications, Inc.</u> 1011 NW 121 Terrace; Coral Springs, FL 33071
7.	<u>Electrical</u>	<u>Hillers Electrical Engineering, Inc.</u> 23257 State Road 7, Suite 100; Boca Raton, FL 33428
8.	<u>Mechanical , Engineering and Plumbing</u>	<u>Johnson Levinson Ragan Davila, Inc.</u> 1450 Centrepark Blvd., Suite 350; West Palm Beach, FL 33401
9.	<u> </u>	<u> </u>
10.	<u> </u>	<u> </u>

NOTE: Attach additional sheets if required.

- END OF SECTION -

Form W-9
(Rev. October 2018)
Department of the Treasury
Internal Revenue Service

Request for Taxpayer Identification Number and Certification

Give Form to the requester. Do not send to the IRS.

Go to www.irs.gov/FormW9 for instructions and the latest information.

1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank.
EAC CONSULTING, INC.

2 Business name/disregarded entity name, if different from above

3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only **one** of the following seven boxes.

☐ Individual/sole proprietor or single-member LLC

☐ C Corporation

☒ S Corporation

☐ Partnership

☐ Trust/estate

☐ Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶

Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.

☐ Other (see instructions) ▶

4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):

Exempt payee code (if any) _____

Exemption from FATCA reporting code (if any) _____

(Applies to accounts maintained outside the U.S.)

5 Address (number, street, and apt. or suite no.) See instructions.
5959 WATERFORD DISTRICT DR, STE 410

6 City, state, and ZIP code
MIAMI, FLORIDA 33126

7 List account number(s) here (optional)

8 Requester's name and address (optional)

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Social security number

____ - ____ - ____

or

Employer identification number

6 5 - 0 5 1 9 7 3 9

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here Signature of U.S. person ▶ *Maria Chap* Date ▶ 09-12-2023

General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

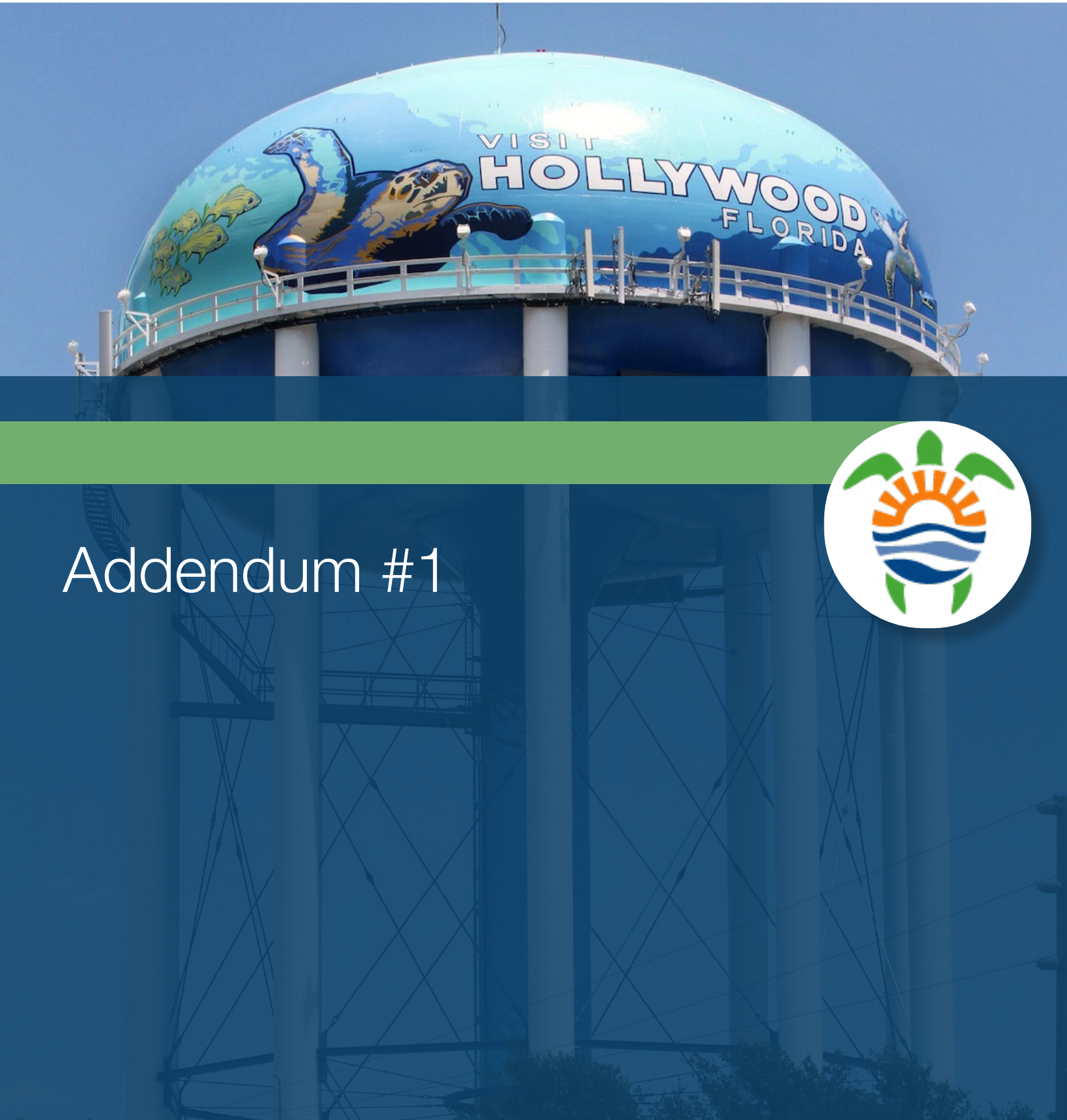
- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

Cat. No. 10231X

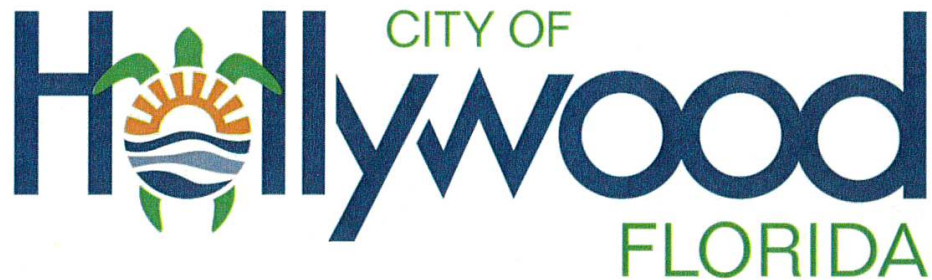
Form **W-9** (Rev. 10-2018)



Addendum #1



Addendum #1



REQUEST FOR QUALIFICATION

RFQ-118-23-JJ

DESIGN, CONSTRUCTION ENGINEERING AND
INSPECTION SERVICES

FOR THE


CITY OF HOLLYWOOD, FLORIDA (CITY)

RFQ Issue Date: August 23, 2023

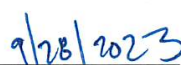
Questions Due Date: September 13, 2023

Submittal Due Date: October 2, 2023, 3:00 pm

EAC Consulting, Inc. acknowledges receipt of Addendum #1. The entire Addendum #1 has been uploaded to our online submission of this RFQ in the section titled, "Documents".



Andrew Pierce, PE; VP



Date



PRIMARY CONTACT:

Jenner Alfaro, PE

Project Manager
jalfaro@eacconsult.com
(305) 265-5407 (direct)

OFFICE LOCATIONS:

Fort Lauderdale

5100 NW 33rd Avenue, Suite 243
Ft. Lauderdale, Florida 33309
954-714-2000

West Palm Beach

1601 Belvedere Road
South Tower, Suite 205
West Palm Beach, Florida 33406
561-812-5178

Miami-Dade

5959 Blue Lagoon Drive, Suite 410
Miami, Florida 33126
305-265-5400

Orlando

111 North Orange Ave, Suite 800
Orlando, Florida 32801
407-254-4150

VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-118-23-JJ

Reference for: EAC Consulting, Inc.

Organization/Firm Name providing reference:

City of West Park

Organization/Firm Contact

Title:

Name:

Greg Perry, P.E.

Director of Engineering & Capital Improvements

Email:

gperry@cityofwestpark.org

Phone: 954-350-2705

Name of Referenced Project:

SW 25th St Complete Street Improvemnet Project

Contract No: 21082.CM01-01

Date Services were provided:

5/2022 - 4/2023

Project

Amount: \$2,356,029.70

Referenced Vendor's role in Project:

☒ Prime Vendor

☐ Subcontractor/
Subconsultant

Would you use the Vendor again?

☒ Yes

☐ No. Please specify in additional comments

Description of services provided by Vendor (provide additional sheet if necessary):

Provided Construction Inspection (CEI) Services

The Project proposed consists of 1.5-mile improvements of SW 25

Street from SR 7 to SW 40 Avenue. Funding Sources: Broward County Surtax

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Timeliness/Cost Control of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments (provide additional sheet if necessary):

High level professional engineering organization with superior knowledge and abilities in all

facets of Heavy Civil design and construction administration services.

******THIS SECTION FOR CITY USE ONLY******

Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input type="checkbox"/>	Mail:	<input type="checkbox"/>
Verified by:	Name:				Title:	
	Department:				Date:	

VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-118-23-JJ
 Reference for: EAC Consulting, Inc.

Organization/Firm Name providing reference:

City of Miami

Organization/Firm Contact

Name:

Valentine Onuigboh, P.E

Email:

vonuigbo@miamigov.com

Name of Referenced Project:

Mary Brickell Village & SW 1st Ave
Roadway & Drainage improvements

Date Services were provided:

12/2019 - Ongoing

Title:

Sr. Construction Manager

Phone: 786-447-9817

Contract No: 15007.CM-04

Project

Amount: \$1,279,675.00

Referenced Vendor's role in Project:

☒ Prime Vendor

☐ Subcontractor/
Subconsultant

Would you use the Vendor again?

☒ Yes

☐ No. Please specify in additional comments

Description of services provided by Vendor (provide additional sheet if necessary):

Provided Construction Inspection (CEI) Services

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Timeliness/Cost Control of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments (provide additional sheet if necessary):

Proactive as well to resolve conflicts and innovations.

******THIS SECTION FOR CITY USE ONLY******

Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input type="checkbox"/>	Mail:	<input type="checkbox"/>
Verified by:	Name:				Title:	
	Department:				Date:	

VENDOR REFERENCE FORM

City of Hollywood Solicitation #: RFQ-118-23-JJ

Reference for: EAC Consulting, Inc.

Organization/Firm Name providing reference:

City of Miami Beach

Organization/Firm Contact

Name:

Rodney Perez

Title:

Capital Improvement Projects Coordinator

Email:

rodney.perez@miamibeachfl.gov

Phone: 786-682-8302

Name of Referenced Project:

North Beach Oceanside Beachwalk

Contract No: 17012.CM01-02

Date Services were provided:

6/2021 - 5/2022

Project

Amount: \$3,800,000.00

Referenced Vendor's role in Project:

☒ Prime Vendor

☐ Subcontractor/
Subconsultant

Would you use the Vendor again?

☒ Yes

☐ No. Please specify in additional comments

Description of services provided by Vendor (provide additional sheet if necessary):

Provided Construction Inspection (CEI) Services

Please rate your experience with the Vendor	Need Improvement	Satisfactory	Excellent	Not Applicable
Vendor's Quality of Service				
a. Responsive	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Accuracy	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
c. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Vendor's Organization:				
a. Staff expertise	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
b. Professionalism	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
c. Staff turnover	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Timeliness/Cost Control of:				
a. Project	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
b. Deliverables	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>

Additional Comments (provide additional sheet if necessary):

EAC Consulting provided CEI services to the City of Miami Beach in the North Beach Oceanside Beachwalk project.

******THIS SECTION FOR CITY USE ONLY******

Verified via:	Email:	<input type="checkbox"/>	Verbal:	<input type="checkbox"/>	Mail:	<input type="checkbox"/>
Verified by:	Name:				Title:	
	Department:				Date:	

Form 14

LIST OF SUBCONTRACTORS

The Respondent shall list below the name and address of each Subcontractor who will perform work under this Contract, and shall also list the portion of the work which will be done by such Subcontractor. After the opening of Submittals, changes or substitutions will be allowed with written approval of the City of Hollywood. Subcontractors must be properly licensed.

	Work to be Performed	Subcontractor's Name / Address
1.	CEI Services	CES Consultants, Inc. 880 SW 145th Ave., Suite 106 Pembroke Pines, FL 33027
2.	CEI Services	CAP Engineering 343 Almeria Ave, Coral Gables, FL 33134
3.	Grant Support & Management	Grace Professional Services 11009 NW 81st Manor, Parkland, FL. 33076
4.	Material Testing	NV5 200 S. Park Road, Suite 350, Hollywood, FL 33021
5.	Surveying	Stephen H Gibbs Land Surveyors 2131 Hollywood Blvd, Suite 204, Hollywood, FL. 33020
6.	Public Involvement	Holt Communications, Inc. 1011 NW 121 Terrace;Coral Springs, FL 33071
7.	Electrical	Hillers Electrical Engineering, Inc. 23257 State Road 7, Suite 100; Boca Raton, FL 33428
8.	Mechanical , Engineering and Plumbing	Johnson Levinson Ragan Davila, Inc. 1450 Centrepark Blvd., Suite 350;West Palm Beach, FL 33401
9.		
10.		

NOTE: Attach additional sheets if required.

- END OF SECTION -



EACCONS-01

RJONES

CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

6/23/2023

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 Ames & Gough 8300 Greensboro Drive Suite 980 McLean, VA 22102	CONTACT NAME:		
	PHONE (A/C, No, Ext): (703) 827-2277	FAX (A/C, No): (703) 827-2279	
	E-MAIL ADDRESS: admin@amesgough.com		
	INSURER(S) AFFORDING COVERAGE		NAIC #
	INSURER A : Hartford Underwriters Insurance Company A+ (XV)		30104
INSURED EAC Consulting, Inc. 5959 Blue Lagoon Drive Suite 410 Miami, FL 33126	INSURER B : Trumbull Insurance Company A+ (XV)		27120
	INSURER C : Hartford Casualty Insurance Company A+ (XV)		29424
	INSURER D : Twin City Fire Insurance Company A+ (XV)		29459
	INSURER E : Travelers Casualty & Surety Co. of America A++, XV		31194
	INSURER F :		

COVERAGES

CERTIFICATE NUMBER:

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	<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 type="checkbox"/> LOC OTHER:			42UUNOL5044	7/1/2022	7/1/2023	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 300,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY			42UENOL5166	7/1/2022	7/1/2023	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
C	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			42XHUOL5045	7/1/2022	7/1/2023	EACH OCCURRENCE \$ 2,000,000 AGGREGATE \$ 2,000,000 \$
D	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N Y	N/A	42WEOL6H10	7/1/2022	7/1/2023	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
E	Professional Liab.			107279653	7/1/2022	7/1/2023	Per Claim/Aggregate 2,000,000

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

CERTIFICATE HOLDER

CANCELLATION

EVIDENCE OF COVERAGE

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

THIS FORM IS NOT APPLICABLE PER QUESTION & ANSWER #7.
PROPOSAL

TO THE MAYOR AND COMMISSIONERS
CITY OF HOLLYWOOD, FLORIDA

SUBMITTED _____

Dear Mayor and Commissioners:

The undersigned, as BIDDER, hereby declares that the only person or persons interested in the Proposal as principal or principals is or are named herein and that no other person than herein mentioned has any interest in this Proposal or in the Contract to be entered into; that this Proposal is made without connection with any other person, company or parties making a Bid or Proposal; and that it is in all respects fair and in good faith without collusion or fraud.

The BIDDER further declares that he has examined the site of the Work and informed himself fully in regard to all conditions pertaining to the place where the Work is to be done; that he has examined the Drawings and Specifications for the Work and contractual documents relative thereto, including the Notice to Bidders, Instructions to Bidders, Proposal Bid Form, Form of Bid Bond, Form of Contract and Form of Performance Bond, General, Supplementary and Technical Specifications, Addenda, Drawings, and Local Preference Program, Exhibit A, and has read all of the Provisions furnished prior to the opening of bids; and that he has satisfied himself relative to the work to be performed.

The undersigned BIDDER has not divulged to, discussed or compared his bid with other bidders and has not colluded with any other BIDDER of parties to this bid whatever.

If this Proposal is accepted, the undersigned BIDDER proposes and agrees to enter into and execute the Contract with the City of Hollywood, Florida, in the form of Contract specified; of which this Proposal, Instructions to Bidders, General Specifications, Supplementary Conditions and Drawings shall be made a part for the performance of Work described therein; to furnish the necessary bond equal to one hundred (100) percent of the total Contract base bid, the said bond being in the form of a Cash Bond or Surety Bond prepared on the applicable approved bond form furnished by the CITY; to furnish all necessary materials, equipment, machinery, tools, apparatus, transportation, supervision, labor and all means necessary to construct and complete the work specified in the Proposal and Contract and called for in the Drawings and in the manner specified; to commence Work on the effective date established in the "Notice to Proceed" from the ENGINEER; and to substantially complete all Contract Work within _____ days with final completion within _____ days, and stated in the "Notice to Proceed" or pay liquidated damages for each calendar day in excess thereof, or such actual and consequential damages as may result therefrom, and to abide by the Local Preference Ordinance, Exhibit A.

The BIDDER acknowledges receipt of the any and all addenda.

And the undersigned agrees that in case of failure on his part to execute the said Contract and the Bond within ten (10) days after being presented with the prescribed Contract forms, the check or Bid Bond accompanying his bid, and the money payable thereon, shall be paid into the funds of the City of Hollywood, Florida, otherwise, the check or Bid Bond accompanying this Proposal shall be returned to the undersigned.

Attached hereto is a certified check on the

_____ Bank of _____

or approved Bid Bond for the sum of

_____ Dollars (\$) according to the conditions under the Instructions to Bidders and provisions therein.

NOTE: If a Bidder is a corporation, the legal name of the corporation shall be set forth below, together with signature(s) of the officer or officers authorized to sign Contracts on behalf of the corporation and corporate seal; if Bidder is a partnership, the true name of the firm shall be set forth below with the signature(s) of the partner or partners authorized to sign Contracts in behalf of the partnership; and if the Bidder is an individual, his signature shall be placed below; if a partnership, the names of the general partners.

WHEN THE BIDDER IS AN INDIVIDUAL:

**THIS FORM IS NOT APPLICABLE
PER QUESTION AND ANSWER
#7.**

(Signature of Individual)

(Printed Name of Individual)

(Address)

WHEN THE BIDDER IS A SOLE PROPRIETORSHIP OR OPERATES UNDER A TRADE NAME:

(Name of Firm)

(Address)

(Signature of Individual) (SEAL)

WHEN THE BIDDER IS A PARTNERSHIP:

(Name of Firm) A Partnership

**THIS FORM IS NOT APPLICABLE
PER QUESTION AND ANSWER
#7.**

(Address)

By: _____
(SEAL)
(Partner)

Name and Address of all Partners:

WHEN THE BIDDER IS A JOINT VENTURE:

(Correct Name of Corporation)

By: _____ (SEAL)
(Address)

(Official Title)

As Joint Venture
(Corporate Seal)

Organized under the laws of the State of _____, and authorized by the law to make this bid and perform all Work and furnish materials and equipment required under the Contract Documents.

WHEN THE BIDDER IS A CORPORATION:

(Correct Name of Corporation)

By: _____
(SEAL)

(Official Title)

(Address of Corporation)

Organized under the laws of the State of _____, and authorized by the law to make this bid and perform all Work and furnish materials and equipment required under the Contract Documents.

CERTIFIED COPY OF RESOLUTION OF
BOARD OF DIRECTORS

**THIS FORM IS NOT APPLICABLE
PER QUESTION AND ANSWER
#7.**

(Name of Corporation)

RESOLVED that _____
(Person Authorized to Sign)

_____ of
(Title) (Name of Corporation)

be authorized to sign and submit the Bid or Proposal of this corporation for the following project:

**[Project name]
[Project Number]
Bid No. IFB-xxxxxxx**

The foregoing is a true and correct copy of the Resolution adopted by

_____ at a meeting of its Board of
(Name of Corporation)

Directors held on the _____ day of _____, 20_____.

By: _____

Title: _____

(SEAL)

The above Resolution MUST BE COMPLETED if the Bidder is a Corporation.

- END OF SECTION -