

CITY OF HOLLYWOOD



CITY HALL

Submittal for Request for Statements of Qualifications (RFQ)

Design and Construction Administration Services for Hollywood Beach Utility Improvements - Project No. 10-5106/18-7098



Submittal Date: July 6, 2020

SUBMITTED BY:

M&J ENGINEERING P.C.
"INNOVATIVE AND STATE-OF-THE-ART SOLUTIONS"

Contact Person:
Sharmin Siddique, P.E.



IN ASSOCIATION WITH:



Southeast
CONSULTING ENGINEERS

FRALEMAN Terracon

Contact:
786-441-5142



Address:
5761 North Andrews Way,
Fort Lauderdale, FL 33309

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RESPONDENT CHECK LIST & PROJECT SUBMITTAL DOCUMENTS

Tab 1



THIS SHEET MUST BE SIGNED

RESPONDENT CHECK LIST

IMPORTANT: Please read carefully, sign in the spaces indicated and return with your Submittal.

Respondent should check off each of the following items as the necessary action is completed:

1. The Submittal has been signed.
2. Any required descriptive literature, etc. have been included.
3. Any information required is included.
4. Any addenda have been signed and included.
5. The mailing envelope has been addressed to:
Office of the City Clerk
City of Hollywood
P.O. Box 229045.
Hollywood, FL 33022-9045
6. The mailing envelope must be sealed and marked with Submittal Number, Submittal Title and Due date.
7. The Submittal will be mailed or delivered in time to be received no later than the specified due date and time. Otherwise Submittal cannot be considered.
8. Submittal includes:
 - a) Statement of current and projected workload
 - b) List of sub-consultants
 - c) Auditor's letter
 - d) Organizational chart
 - e) Litigation
 - f) Project schedule

ALL COURIER-DELIVERED STATEMENTS OF QUALIFICATIONS MUST HAVE THE RFQ NUMBER AND TITLE ON THE OUTSIDE OF THE COURIER PACKET

Company Name:

M&J Engineering P.C.

Signature and Title:

 Vice President

Date:

July 6, 2020

PROJECT SUBMITTAL

FROM: M&J Engineering P.C.

DATE: July 6, 2020

CITY OF HOLLYWOOD
Department of Public Utilities
c/o City Clerk
2600 Hollywood Blvd.
Hollywood, FL 33022-9045

RE: RFQ NO. 10-5106/18-7098

To whom it may concern:

The undersigned, as Respondent, hereby declares that we have examined the Scope of Services and informed ourselves fully in regard to all conditions pertaining to the work to be done for the City of Hollywood's Consulting Services Contract – **DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES FOR HOLLYWOOD BEACH UTILITY IMPROVEMENTS**. The Respondent further declares that the only persons, company or parties interested in this Submittal or the Contract to be entered into as principals are named herein; that this Submittal is made without connection with any other person, company or companies making a Submittal; and it is in all respects fair and in good faith, without collusion or fraud.

The service to be furnished by us is hereby declared and guaranteed to be in conformance with the specifications of the City.

The undersigned agrees that should this Submittal be accepted, to execute the contract and present the same to the City for approval within twenty (20) days after being notified of the awarding of the contract.

The undersigned further agrees that failure to execute and deliver said forms of contract within twenty (20) days, will result in damages to the City.

IN WITNESS WHEREOF, I have hereunto subscribed my name on this
6th day of July, 2020, in the County
of Broward, in the state of Florida.


M&J Engineering, P.C.
Respondent's Firm or Trade Name

Corporation Sole Proprietorship, Partnership (Circle One)

Phone No.: 786-441-5142

Address 5761 North Andrews Way

City and StateZip Fort Lauderdale, FL 33309

BY: Sharmin Siddique, P.E. 
Typed and Written Signature

Vice President
Title

LETTER OF TRANSMITTAL



Letter of Transmittal

July 6th, 2020

The Selection Committee Members
The Office of the City Clerk (City Hall)
2600 Hollywood Boulevard, Room 221
Hollywood, Florida 33020

**RE: Submittal for Request for Statements of Qualifications: Design and Construction Administration Services for
Hollywood Beach Utility Improvements; Project no.
10-5106/18-7098**

Dear Selection Committee Members:

It is with great interest and desire, M&J Engineering, P.C. (M&J), submits this response to referenced RFQ for Project No. 10-5106/18-7098. Our team in South Florida is composed of experienced professionals that are qualified and detail oriented in full service Engineering Design and Construction Administration Services. Our experience has been developed from being engaged on the most extraordinary projects ranging across the eastern United States from New York to South Florida. We successfully complete projects in a well-planned proactive and clear follow through process to tasks and milestones throughout the project cycle.

M&J understands the scope of work and will work in partnership with the City of Hollywood Utilities staff to provide Design and Construction Administration (CA) Services including public outreach for the two-phased project comprised of replacing and upsizing existing water mains (wm), fire hydrants, water services, force mains (fm) and gravity sewer, replacement of Lift Station E-9, upgrading/replacement of Lift Station E-1 and rehabilitation of Lift Station E-08; upsizing 8000 linear feet of fm pipes, upsizing gravity sewer piping from Lift Station E-1 to downstream Lift Station E-2, modification of connection between Lift Station E-9 to Lift Station E-1 and utilizing horizontal directional drilling methods to: install wm on Sheridan Street and to cross intracoastal waterway; replace existing wm under E. Dania Beach Boulevard Bridge and replace wm crossing intercoastal waterway at Polk Street into N. Ocean Drive. During and post design, our permitting experience with applicable regulatory agencies will allow expedited reviews, resolutions and adherence to surrounding communities. Pipe material to be either PVC, DIP or HDPE.

We believe following key elements will ensure efficient design: review SCADA reports for number of overflows caused by pumps/pumps motors failure and/or I&I issues; standby generator & sewer by-pass; existing wm/fm break locations & valve exercise report on wm/fm pipes to evaluate operational conditions; survey; prepare environmental and geotechnical report; identify coastal issues affecting project area such as salt water intrusion, king tides; identify stormwater and existing utility issues that will need attention; identify existing underground utilities & above ground facilities for the project corridors for cost effective pipe line alignment with minimum disturbances to the neighborhood & business during construction operation; evaluate locations/conditions of existing Lift Stations E-1, E-9 & E-08 for efficient design & to achieve best possible benefit/cost ratio such as replace Lift Station in its entirety wet pit/dry pit (submersible), replace pumps and motor to increase pumping rate which may require an electrical service upgrade, replace/rehabilitation/seal coating existing wetwell based on volumetric requirements which may require a larger pump, replace valves, plug valves, piping, fittings and valve vault & pump railings. We will proactively coordinate with the City, Broward County, FDOT and Army Corp of Engineers to perform work on their respective right-of-way.

2525 Ponce de Leon Blvd, Suite 319
Coral Gables, FL 33134
Tel: (786) 441-5142/ www.mjengineers.com

Our Team understand the importance of resolving each construction project challenges in a timely manner that may impact cost, schedule and the traveling public, businesses, school bus route, residents, and a potential temporary water interruption. We will use the contractor's schedule to plan of their intended operations and look for ways to overcome potential problems that may impact construction, while continuously looking for ways to reduce redundant and wasted effort. We will review shop drawings with minimum turnaround time.

Our objective is to complete this project with zero to a minimum claim and within/below construction project budget. We will assure all standards, specifications and requirements are met. Our site visits, review of as-builts, existing pipe conditions and coordination with Utilities staff as well as other stake holders will allow us avoid/minimize unforeseen potential conflicts. It will help during design process and avoid costly contractor's claims during construction. Our mission is to deliver a construction design plans set with bid documents and specifications that was processed through our standard QA/QC. M&J has completed many design and construction projects across many States. M&J is new in Florida and a DBE firm, currently working on renewed CEI contract with Miami-Dade Water and Sewer Department among other contracts in Florida. Our Florida offices have all local managers, engineers, scientists, construction managers and inspectors with years of local South Florida experience.

Your Local Project Team: We bring to you a dedicated, flexible and experienced local team for this important contract. We will be available to any project related issues at any given time for this Contract. Our team bring the following for you:

Proven Expertise- Experienced in similar water and sewer projects including pipelines and lift stations throughout Miami-Dade and Broward County. Experienced with design of all type of pipe materials and construction methods. We work with the latest softwares including Civil 3D. **Successful Past Experience-** Successful completion of projects have enabled us to maintain repeat Clients. We thrive for on time cost effective quality solutions,

Minimum Workload- Current and projected workload is at minimum. Resources are readily available for the project. We plan our resources efficiently to deliver each project successfully. **Local Presence** - Project work will be completed from our Ft. Lauderdale office.

Completion within Schedule- We plan proactively and schedule simultaneous tasks to have lead time. We utilize common platform for data sharing to avoid delays. We conduct weekly progress meetings to monitor project progress and address issues ahead of time to avoid cost & delays. **Completion within Budget-** We complete projects within budget by providing cost effective solution based on our years of local design, permitting and CA experience. Our knowledge on City's projects will be utilized. Resources will be utilized efficiently.

I am honored to have led successfully multiple Utility Design and CA projects in the past for the City as consultant's PM and looking forward to serve the City once again. With over 25 years of experience in South Florida, I was also involved in Dixie Corridor Septic to Sewer Lift Station Conversion project: Lift Stations W-08, W-09, W-10 and E-22. Our team also include engineer, Salvador Gonzalez, E.I., who has worked with me on City's projects. Many of our team members have worked with me in the past and we continue to build on seamless project delivery method.

We take our professional responsibility on every step of the project. Health and Safety are our top priorities. We will ensure OSHA and CDC guidelines are followed. We look forward to provide our professional engineering and construction administration services to the City of Hollywood.

Sincerely,



Sharmin Siddique, P.E., ENV SP
Vice President

2525 Ponce de Leon Blvd, Suite 319
Coral Gables, FL 33134
Tel: (786) 441-5142/ www.mjengineers.com

Tab 3

SUBMITTAL QUESTIONNAIRE



**Tab
3.1**

**SUBMITTAL
QUESTIONNAIRE
FORM**

ENGINEERING SERVICES QUALIFICATION STATEMENT
AND SUBMITTAL QUESTIONNAIRE

PROJECT NAME: DESIGN AND CONSTRUCTION ADMINISTRATION
SERVICES FOR HOLLYWOOD BEACH UTILITY
IMPROVEMENTS

PROJECT NO.: 10-5106/18-7098

1. FIRM NAME & OFFICE LOCATION (Mailing Address and Street Address)

Name: M&J Engineering P.C. DBA J&M Engineering P.C.

Mailing Address:

Street/PO

Box 5761 N. Andrews Way

City Fort Lauderdale State FL Zip 33309

Physical Address (if different from above):

Street

City _____ State _____ Zip _____

Phone (786) 441-5142 Ext _____ Fax () -

Primary E-Mail

Address: ssiddique@mjengineers.com

Web Site

Address: www.http://mjengineers.com/

Contacts:

- | | | | |
|----------|-------------------------------|--------|-------------------------------|
| 1. Name: | <u>Sharmin Siddique, P.E.</u> | Title: | <u>Vice President</u> |
| 2. Name: | <u>Karim Rhamankhah, P.E.</u> | Title: | <u>Senior Project Manager</u> |

2. TYPE OF ORGANIZATION

A. Check One:

- | | |
|--|---|
| <input checked="" type="checkbox"/> Corporation (complete Section B and G) | <input type="checkbox"/> Partnership (complete Section C and G) |
| <input type="checkbox"/> Sole Proprietorship (complete Section D) | <input type="checkbox"/> Joint Venture (complete Section E and G) |
| <input type="checkbox"/> Other (complete Section F and G) | |

B. If a Corporation, State incorporated:

M&J Engineering P.C.

Date of
Incorporation: 11/23/2004

State in which
Incorporated: New York

If an out-of-state corporation that is currently
authorized to do business in the State of Florida, give
the date of such authorization: 06/01/2005

Name and Titles of Principal Officers	Date Elected
<u>Maqsood Malik, President</u>	<u>11/23/2004</u>
<u>Arnold Rubenstein, Vice President</u>	<u>10/3/2008</u>
<u></u>	<u></u>

C. If a Partnership, State formed:

Date of
Partnership: _____

Type of Partnership (General or
Limited): _____

Names and Addresses of Partners: _____

D. If Joint Venture, State formed:

Date of Joint
Ventureship: _____

Names and Addresses of Joint Venturers: _____

E. If a Sole Proprietorship, State created:

Name and Address of Sole Proprietor: _____

F. If other than above, please describe:

G. Related Parent Company, Divisions, and Subsidiaries:

(Attach additional information on other office locations, if appropriate)

2003 Jericho Turnpike, New Hyde Park, NY, 11040

2525 Ponce De Leon, Suite 319, Coral Gables, FL 33134

1200 North Federal Highway, Suite 200, Boca Raton, FL 33432

Please attach the following:

- a. Corporate Organization Chart - *Please see page 17*
- b. Resumes of Principal Staff - *Please see page 18*
- c. Corporate Family Tree - *Please see page 33*
- d. Company Brochure/Annual Report - *Please see page 34*

Corporate (national) level

3. EMPLOYEES AND PERSONNEL Provide a separate listing for personnel at the corporate (national) level, with the state (Florida) level and for the local office.

Permanent Office Staff	Number	Avg. Years With Firm			Permanent Office Staff	Number	Avg. Years With Firm		
		1-5	5-10	10+			1-5	5-10	10+
Administrative	6	3	2	1	Clerical /Technicians	3	1	2	0
Project Management	10	4	2	4	Procurement	0	0	0	0
Engineers	105	65	32	8	Project Control and Estimating	1	1	0	0
Design/Drafting	5	1	4	0	Construction Management	3	0	2	1
Computer Services	2	2	0	0	Research and Development	0	0	0	0

Local Office Location:

2003 Jericho Turnpike New Hyde, NY 11040

Personnel in Organization by Discipline.

Discipline	Engineers		Designers
	Reg	Total	
Civil	6	6	4
Sanitary	0	0	0
Structural	4	4	1
Mechanical	7	7	1
HVAC	2	2	2
Process	0	0	0
Electrical	6	6	4
Instrumentation	1	1	1
Industrial	0	0	0

Discipline (<i>Procurement</i>)	Personnel
Capital Equipment Buyers	<u>N/A</u>
Subcontract Administrators	<u>N/A</u>
Bulk Material Buyers	<u>N/A</u>
Inspection/Expediting	<u>N/A</u>
Clerical/Technical Support	<u>N/A</u>

Discipline (<i>Construction Management</i>)	Personnel
Field Superintendents	<u>3</u>
Home Office Management	<u>41</u>
Planners (Site, City, Community)	<u>0</u>
Architects	<u>1</u>
Other	<u>0</u>

Maximum Man-Hours Available Per Year:	<u>255,360</u>
Current Estimated Man-Hours Per Year:	<u>255,360</u>

Local Office

3. EMPLOYEES AND PERSONNEL Provide a separate listing for personnel at the corporate (national) level, with the state (Florida) level and for the local office.

Permanent Office Staff	Number	Avg. Years With Firm			Permanent Office Staff	Number	Avg. Years With Firm		
		1-5	5-10	10+			1-5	5-10	10+
Administrative	1	1	0	0	Clerical /Technicians	0	0	0	0
Project Management	1	1	0	0	Procurement	0	0	0	0
Engineers	9	6	1	2	Project Control and Estimating	1	1	0	0
Design/Drafting	1	1	0	0	Construction Management	1	0	1	0
Computer Services	0	0	0	0	Research and Development	0	0	0	0

Local Office Location:

5761 North Andrews Way, Fort Lauderdale, FL 33309

Personnel in Organization by Discipline.

Discipline	Engineers		Designers
	Reg	Total	
Civil	6	6	1
Sanitary	1	1	1
Structural	1	1	0
Mechanical	0	0	0
HVAC	1	1	0
Process	0	0	0
Electrical	1	1	0
Instrumentation	1	1	0
Industrial	0	0	0

Discipline (Procurement)	Personnel
Capital Equipment Buyers	<u>N/A</u>
Subcontract Administrators	<u>N/A</u>
Bulk Material Buyers	<u>N/A</u>
Inspection/Expediting	<u>N/A</u>
Clerical/Technical Support	<u>N/A</u>

Discipline (Construction Management)	Personnel
Field Superintendents	<u>0</u>
Home Office Management	<u>0</u>
Planners (Site, City, Community)	<u>0</u>
Architects	<u>0</u>
Other	<u>Construction managers, Inspectors- 2</u>

Maximum Man-Hours Available	
Per Year:	<u>24,960</u>
Current Estimated Man-Hours Per Year:	<u>24,960</u>

4. FINANCIAL INFORMATION

A. Attach a copy of current audited income statement and balance sheet. -Please see page 54

5. WORK EXPERIENCE:

A. Types of Services Provided (Check Yes or No)

	Yes	No		Yes	No
Feasibility Studies	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Stress Analysis*	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Drawings	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Pipeline	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Preparation of Specifications	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Surveying	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Construction Mgmt. Services	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Direct Hire Field Construction	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Process Problem Analysis	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Detailed Instrumentation & Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Energy Conservation Studies	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Process Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Soil and Foundation Studies	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Equipment Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Foundation Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Detailed Electrical	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Structural Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Detailed Piping Design	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Testing Capability	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Construction Management	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Detailed Mechanical	<input checked="" type="checkbox"/>	<input type="checkbox"/>			

Procurement ☐ ☒ Inspection/Expediting ☒ ☐

B. Drafting Method Utilized:

*Manual ☐ Computer ☒ If Computer, What Program: AutoCAD Civil 3D and Microstation

C. Please attach summaries for projects, related to the type of work to be awarded as a result of this submittal, completed by your firms including: -Please see page 70

- 1) Location of project and client
- 2) Description of project
- 3) Your scope of involvement in project
- 4) Contract type (e.g. reimbursable/fixed fee/fixed price)
- 5) Approximate value of contract
- 6) Duration of work
- 7) Project Manager Utilized

6. EXPERIENCE WITH THE CITY OF HOLLYWOOD

**A. Most Recent City of Hollywood Work Experience:
(Date/Location/Description)**

2015-2016. City of Hollywood, FL. WM & RM Replacement Pr# 15-5128
Responsible for the design, permitting, bidding & construction
administration services for wm replacements & service connections.
110,960 LF in total length 4"-16" PVC (C-900) pipes and 6,600 LF of 16-
inch reuse main were designed and installed
Please see additional City of Hollywood projects on resumes.

**B. Current City of Hollywood Engineering services agreement, if any:
(Agreement Number/Expiration Date/Location/Description)**

None

7. SUBCONTRACTED SERVICES:

List Subcontractor/ Sub-consultant firms expected to be utilized, and their portion of the work below:

Name of Firm	Area of work to be Performed under this agreement
Metco Southeast	Mechanical, Electrical, & Plumbing
FR Aleman & Associates	Topographic Surveying As-Built & Subsurface Utility Engineering (SUE)
Terracon	Geotechnical and Material Testing & Environmental Engineering

Also, provide resumes of individuals from these firms whom the Subcontractors shall utilize for completion of the construction. - Please see page 82

Identify those subcontractors that are Minority/Women's Business Enterprises and repeat required information in "Minority/Woman Business Participation", below for said Subcontractors. (THIS REQUIREMENT FOR M/WBE INFORMATION IS VOLUNTARY)

8. BUSINESS SIZE AND CLASSIFICATION

A. Size (check one)

☒ Small

A domestic concern that normally employs less than 500 persons, or as defined by section 3 of the Small Business Act.

☐ Large

A domestic concern which, including domestic and foreign divisions and affiliates, normally employs 500 or more persons, is independently or publicly owned or controlled and operated and

which may be a division of another domestic or foreign concern.

B. Classification (check where applicable; may be more than one)

☐ Foreign:

A concern which is not incorporated in the United States or an unincorporated concern having its principal place of business outside the United States.

☒ Minority:

A business, at least 50% of which is owned by minority group members, or, in case of publicly owned businesses, at least 51% of the stock of which is owned by minority group members. For the purpose of this definition, minority group members are Black-Americans, Hispanic-Americans, American-Orientals, American-Indians, American-Eskimos, and American-Aleuts.

(THE REQUIREMENT FOR M/WBE INFORMATION IS VOLUNTARY)

☐ Women:

A business that is at least 51% owned and controlled by a woman or women. (THE REQUIREMENT FOR M/WBE INFORMATION IS VOLUNTARY)

☐ Nonprofit:

A business or organization that has received nonprofit status under IRS Regulation 501C3.

☐ Sheltered:

A sheltered workshop or other equivalent business basically employing the handicapped.

Please indicate in the space below how your firm complies with the definitions selected above.

Ownership by minority individuals (Asian, Asian Indian and/or Pacific Islander American)
the business is at least 51% owned by such individuals.

9. PROFESSIONAL ENGINEER'S LICENSE:

Respondent must hold a valid State of Florida Professional Engineer's License to be considered a qualified bidder.

State of Florida Professional Engineer's License
No.:

CA31255

Date: Expiration: 2/28/2021

Primary

Classification:

Civil

10. QUALIFICATION FORM PREPARED BY:

Name (print or type): Sharmin Siddique, P.E., ENV SP

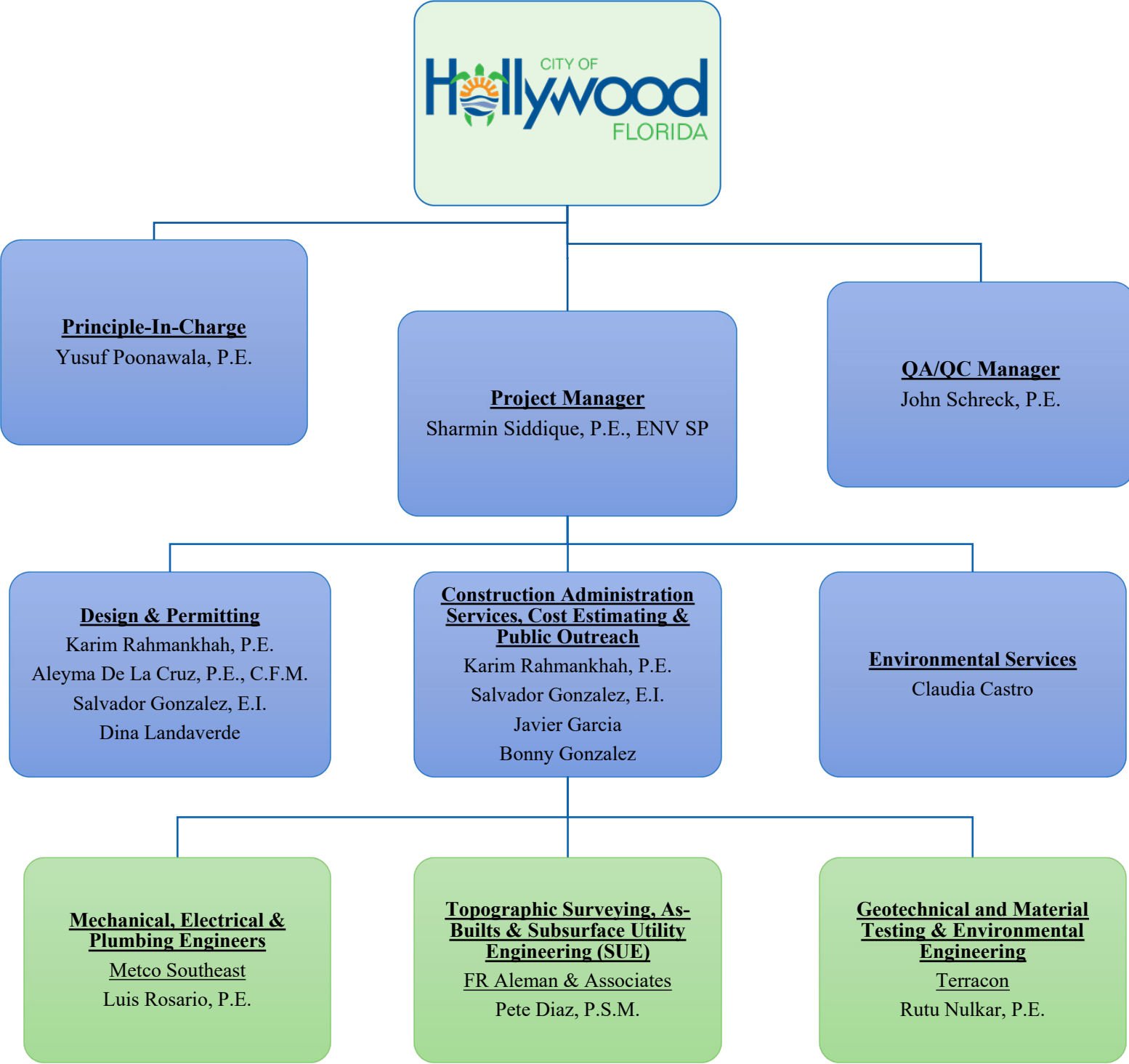
Title: Vice President

Signature: 

Address: 5761 North Andrews Way, Fort Lauderdale, FL 33309

Telephone Number: (786) 441-5142

- ORG CHART
- RESUMES FOR
PRINCIPAL STAFF
- CORPORATE
FAMILY TREE
- COMPANY
BROCHURE



**Proposed Project Assignment
Principal-In-Charge****Years of Experience**
30**Education**

- Master of Science in Civil & Environmental Engineering Dec. 1993
- Bachelor of Science in Civil Engineering, June 1990

Registrations

Professional Engineer: NY, CT, PA, MD, TX, VA, RI, NJ, FL, ME, NH, and District of Columbia

Professional Registrations

- ASCE Member
- ASHE Member
- SAME Member
- PIE Member

Key Qualifications

Mr. Poonawala has over 30 years of experience in the A/E/C industry, serving the public and private sectors, nationally and internationally. He is a Civil Engineer with 30 years of experience in the field of Civil Engineering. He has been instrumental in successful client pursuits and have successfully served as Principal-In-Charge and Technical Advisor on many of these vital projects. Mr. Poonawala's contributions to the engineering industry along the Eastern Corridor includes Miami-Dade County Parks, Rhode Island DOT, City of Baltimore, TXDOT, DC Water D/B project in Washington DC, the 500-acre Devasya Spiritual and Cultural Retreat in Virginia and a new, two-story religious facility in NYC. His international experience includes all operations for National Highway Authority of India projects. He is a Professional Engineer in NY, CT, PA, MD, TX, VA, RI, NJ, FL, ME, NH and District of Columbia. He is also an ASCE Fellow; active member of ASCE, SAME, ASHE and Practicing Institute of Engineering evaluator, with responsibility for approving continuing education seminar for PDH accreditation in NYS.

RELEVANT EXPERIENCE:

Miami-Dade County Department of Parks, Recreation, and Open Space (PROS) Chapman Field Park Roadway and Canoe Launch Paving and Water Extension, City of Coral Gables, FL, 01/2015-05/2019, Principal-in-Charge for site design services for roadway and parking lot design, water main extension with connection to the existing municipal service, utility relocation, site survey and permitting. Chapman Field Park did not have adequate access, parking or water supply. Scope of work included providing a 4,000-foot driveway extension with additional parking and a bike lane to provide much-needed access to the canoe launch area so that the park could be fully utilized. The drive aisle included a cul-de-sac turnaround for vehicular traffic and emergency vehicles while avoiding disturbance to the surrounding wetlands and vegetation. Proposed improvements included a water lateral extension for the addition of future water service and a water fountain, and prepared complete site plans, including water service connections to the Miami-Dade County Water and Sewer Department system at SW 136th Street

City of Baltimore Department of Transportation (BCDOT) Reconstruction and Resurfacing On-Site Technical Support, Baltimore, MD, 07/2016-01/2018, Project Manager for on-site technical support for conduit needs/utilities engineer/contract administrator for contract TR-16020 as part of on-call engineering services for capital improvements to city streets and highways. Responsibilities include preparation of plans, specifications and other contract documents to meet the needs of the city and electronic delivery of these documents. Tasks encompassed roadway alignment, storm drainage, street lighting, electric duct banks, water/wastewater line reconstruction, streetscapes, stormwater management, erosion and sediment control, pavement markings and traffic control, signal design, surveys, and environmental site assessments.

City of Baltimore Department of Transportation (BCDOT) Reconstruction and Resurfacing Inspection Support for On-Site Conduit Projects, Baltimore, MD, 12/2016-12/2017, Project Manager for provision of construction project supervisor and public works inspectors for various inspection support for on-site conduits for contracts TR-16018, TR-16019 and TR-16020 as part of on-call engineering services for capital improvements to city streets and highways. Responsibilities included preparation of plans, specifications and other contract documents to meet the needs of the city and electronic delivery of these documents. Tasks encompassed roadway alignment, storm drainage, street lighting, electric duct banks, water/wastewater line reconstruction, streetscapes, stormwater management, erosion and sediment control, pavement markings and traffic control, signal design, surveys, and environmental site assessments.

New York City Department of Environmental Protection (NYCDEP) Greenpoint Sewer Inspection, Brooklyn, NY, 07/1994-08/1994, Office Engineer for inspection services for the reconstruction of 15- and 18-inch sewer lines using U-liner and super liner; replacement of 6,080 feet of 8-inch water main with new 12-inch water main; maintenance and protection of traffic; replacement of 2,000 feet of 12-inch water main with new 15-inch water main; replacement of 900 feet of 15-inch sewer with new 18-inch ESVP sewer; construction of more than 70 new manholes; and placement of 6-inch concrete base course for roadway and 3-inch asphalt surface course. Also provided

surveying services for field verification of as-built construction and calculated as-built quantities. As Office Engineer, responsibilities included preparation of negotiation of change order for time extension.

MTA Bridges and Tunnel, Hugh L. Carey and Queens Midtown Tunnels Flood Mitigation, New York City, NY, 11/2017-7/2019 – Principal-in-Charge for design-build quality oversight for the design, construction and maintenance of a \$65 million comprehensive flood mitigation program that includes permanent and deployable measures to protect the entrance and exit plazas of both structures as well as the Hugh L. Carey Tunnel Governors Island Ventilation Building to the established design flood elevation (the FEMA 500-year flood elevation, at a minimum). The Hugh L. Carey Tunnel, opened to traffic in 1950, is an approximately 1.7-mile-long road tunnel that connects the Financial District in Manhattan with Brooklyn. The Queens Midtown Tunnel, opened to traffic in 1940, is an approximately 1.2-mile-long road tunnel that connects the east side of midtown Manhattan with Long Island City in Queens. Both tunnels were inundated with flood waters following Superstorm Sandy in October 2012, and are critical infrastructure facilities that are vital to the New York City and national economies. MTA Bridges and Tunnels had undertaken a long-term flood mitigation program to protect the tunnels and other facilities from flooding during future storm events. For each tunnel entrance and exit plaza, the mitigation program includes a deployable flood barrier system installed at each tunnel portal and an enlarged protected perimeter that will include both permanent (existing plaza retaining walls, where feasible) and deployable elements. The mitigation program also included protection of ventilation and service buildings and associated emergency generators for both tunnels to the design flood elevation as well as identification and sealing of utilities, manholes and other penetrations to prevent flood water from entering the tunnels. At the Governors Island Ventilation Building, mitigation measures include a raised seawall constructed to the design flood elevation. Responsibilities included oversee, manage, certify and perform construction quality control activities and manage QC inspection, sampling and testing of construction items.

Rhode Island Department of Transportation (RIDOT) Route 6/10 Interchange Reconstruction, Providence, RI, 11/2018-07/2019, Principal-in-Charge for construction engineering and inspection services for the reconstruction of the Route 6/10 interchange—a system of highways and ramps located in western Providence that connects vehicular traffic to Interstates 295, 195, and 95. The objective of this reconstruction—the largest design-build project in RIDOT's history—is to bring the interchange into a state of good repair and in line with highway standards, improve vehicular and pedestrian safety, facilitate access to major roadways, and reduce congestion in the area. Scope of work included monitoring and inspecting every aspect of this complex, multi-stage project, including bridge demolition; construction of temporary bridges and ramps; construction of approximately eight new bridges using conventional and accelerated bridge construction techniques; retaining walls; excavation and backfilling; foundation installations, including micro-piles; roadways and pavement, including shared-use paths; drainage improvements; traffic structures, including lighting, signs, signals, and ITS equipment; landscaping and streetscape features; utility relocations; and maintenance and protection of traffic. Stage 1A of the project—which includes temporary bridge repairs—is diverting traffic to facilitate construction and minimize delays. We are monitoring the reinforcement of sewer lines running under the project area and inspecting all project materials; preparing work progress reports; and enforcing plans, special provision contracts, and specifications during construction. Construction Cost: \$410 million

SH 130 Pavement Reconstruction Project, Buda, TX, 01/2018-03/2018, Deputy Project Manager for provision of a resident construction engineer (RCE) for this high-profile, heavy civil reconstruction project. The 41-mile southern section of SH 130 (segments 5 and 6) is a publicly owned toll road that connects to the northern segments of SH 130, forming a 91-mile alternative to congested I-35 through Central Texas. The SH 130 Concession Company operates and maintains the roadway under the terms of a 50-year facility concession agreement with the Texas Department of Transportation. At 85 mph, SH 130 segments 5 and 6 have the highest legal speed limit in the nation, and open tolling allows tolls to be charged without drivers having to slow for a toll booth. This stretch of tollway in the Austin area is undergoing a pavement reconstruction to provide smoother pavement and enhance the driving experience for motorists. The project involves the removal of 4 to 8 feet of soil beneath the roadway and replacement with a more stable material prior to repaving. The soil is being treated with lime to stabilize moisture levels and prevent pavement cracking in the future. Serving as deputy project manager, the RCE is responsible for overseeing day-to-day construction contractor, inspection and testing activities; controlling costs; maintaining the overall profitability of the project; and ensuring a safe work environment. Construction Cost: \$60 million

**Proposed Project Assignment
Principal-In-Charge/Project Director**

Years of Experience
26

Education
Bachelor of Engineering, Hofstra
University

Professional Registrations
Professional Engineer (New York,
Florida, and Connecticut)

Certifications
CaiCE Visual Hydro/SWMM
Traffic Calming Practices for
Communities
OSHA Hazwoper

Professional Societies
American Society of Civil Engineers
American Society of Highway
Engineers
Construction Management
Association of America
National Society of Professional
Engineers
New York Water Environmental
Association

Key Qualifications

Mr. Schreck has technical expertise in issues relating to design and construction management of pump station, stormwater, roadway, highway, structural, wastewater, shoreline protection, and coastal projects. Mr. Schreck also has a broad range of design and CM experience in civil, environmental, wastewater, solid waste, and highway engineering disciplines.

RELEVANT EXPERIENCE

Design Construction Inspection Services for Wastewater Treatment Facility Related to Consent Decree Projects - Miami-Dade County, Florida. Principal-In-Charge. The major items of work within South District Wastewater Treatment Plant – Chlorine Contact Chamber Tanks and Sluice Gates Rehabilitation project. The services included an existing conditions report, preliminary and final design plans, estimates, and specifications of the proposed improvements to the tanks and the installation of new sluice gates.

New York City Department of Environmental Protection (NYCDEP) - Construction management and inspection services for Miscellaneous Projects at various NYCDEP Bureau of Wastewater Treatment (BWT) facilities. Project Director/PIC. This included the following contracts: PW-072, PW-094, and PW- 101. These contracts involved assisting BWT in developing and implementing a Construction Management Program including management and inspection services. Mr. Schreck served as Project Director/PIC for these contracts that required coordination with multiple DEP engineering sections, as well as operations at all wastewater treatment plants and collection facilities located in NYC. The project included on-call work requiring overnight and weekend emergency response.

NYCDEP – Reconstruction of the Mason Avenue Pump Station. Principal-In-Charge. Design of upgrades that include a new forebay structure, wetwell with submersible pumps, and new piping for a new capacity of approximately 16 million gallons per day.

NYCDEP – Canal Street Pumping Station Reconstruction. Principal-In-Charge. The design services include the following scope of work: construction of a new wet pit below grade pumping station that includes inlet basket screening, submersible pumps, a forebay to combine the incoming sewer, a bypass chamber and a valve chamber accessible at grade; separation of the electrical equipment into a new flood protected structure; extension of a major sewer conduit from Canal Street to the new pumping station; relocation of utilities to accommodate the new facility; installation of a new force main and energy dissipation manhole to discharge to existing sewer; and abandonment of the existing facility, including removal of all access and application of flowable fill.

NYCDEP - Construction management services for Miscellaneous Projects in the Downstate Area (CTYWDCM-3B). Project Director. Assignments included: Oakwood Beach WWTP 5KV Substation Reconstruction (Contract OB-125) contract in Staten Island; Port Richmond WWTP Boiler Upgrade (Contract PR-113) contract in Staten Island; Orchard Beach Pumping Station Replacement in the Bronx; and Superstorm Sandy Emergency Pumping Stations Repair Citywide.

Superstorm Sandy Emergency Pumping Stations Repair Citywide: Over 30 NYCDEP Pump Stations providing a necessary service to NYC failed during the Sandy storm. Most were flooded with saltwater and effectively destroyed. Mr. Schreck was the Project Director for the recovery efforts during and after Superstorm Sandy for the following pumping stations: Mason Avenue PS; 49th Street PS; Nevins Street PS; 2nd Avenue PS; South Beach PS; Seagirt PS; Van Brunt PS; Rosedale PS; Cannon Avenue PS; Bush Terminal PS; Nautilus PS; Doug Bay PS; and Roosevelt Island South and North PSs.

Orchard Beach Pumping Station: Mr. Schreck was the Project Director, where the principal items of work included: furnishing a new packaged pumping station; connecting the existing gravity sewer to the new packaged pumping station; connecting the new pumping station to the existing force main; installation, start-up and operation of the new pumping station with assistance from the manufacturers' technical representatives for pumps and other equipment; training of the BWT operations personnel; demolition and decommissioning of the existing pumping station and associated force main connection after the new pumping station is placed into service.

OB-125 - Oakwood Beach Substation Reconstruction: Mr. Schreck was the Project Director, where the principal items of work included: construction of a new permanent primary electrical switchgear building and support systems to house replacement switchgear and auxiliary equipment; provided architectural renovations to the existing transformer enclosure that house two existing Con Edison Transformers; provided excavation, backfill, and concrete work for 5KV Feeders and modifications to underground feeder distribution systems; all associated instrumentation and controls, mechanical, structural, civil, architectural, HVAC, plumbing, and landscaping work required; demolition of existing primary electrical substation switchgear; furnished and installed new switchgear and support systems, associated appurtenances, fire alarm system and lightning protection system; provided conduit, wiring, and electrical accessories for 5 KV feeders; performed modifications to the underground feeder distribution system; and furnished and installed a new 2000 KW portable diesel generator.

Village of Ocean Beach - Wastewater Treatment Plant FEMA Mitigation. Principal-In-Charge. Major items of work included: removal and replacement of various plant motor control centers; design of flood doors and other flood mitigation measures; site work/grading; and FEMA reimbursement assistance.

Connecticut Department of Public Works - Den Lane Sanitary Pump Station Improvements. Project Engineer for pump station improvements, which entailed removing the existing dry well and replacing it with a submersible pump system. Residential Sanitary Sewer System; +2,000 feet of new force main and pump station.

New York City Department of Design and Construction (NYCDDC) – Resident Engineering and Inspection (REI): CS-ER-WCP - Pugsley Creek Relief Sewer and Repair of Existing Combined Trunk with Water Main Work, Bronx. Principal-In-Charge/Project Executive. This comprehensive construction included new sanitary and storm sewers; water mains, utilities as well as creation of new streets in the proposed residential development. This included the installation of approximately 4,200 linear feet of RCP box culverts (15'x9', 13'x9', 12'x9', and 11'x10'), over 9,000 linear feet of ductile iron water mains ranging in size from 8-inch to 20-inch, 26 new fire hydrants, and over 300 trees.

NYCDDC REI Installation of High-Level Storm Sewers, Storm Sewers, Combined Sewers and Water Main in the Fresh Creek Basin Area located in Brooklyn. Principal-In-Charge/Project Executive. This project mainly involved the installation of approximately 2.5 miles of new sanitary and storm sewers and 1 mile of water main replacement.

NYCDDC REI Gateway Estates – Phase D roadway and utility installation project located in Brooklyn. Principal-In-Charge/Project Executive. This comprehensive construction included new sanitary and storm sewers, water mains, utilities as well as creation of new streets in a new residential development.

NYCDDC REI Reconstruction of Tillary Street Area - Roadway and utility installation project located in Brooklyn. Principal-In-Charge/Project Executive. This comprehensive construction included water main and sewer reconstruction, pedestrian ramps and sidewalks, bike paths, medians, utilities, and sidewalk and roadway reconstruction.

NYCDDC REI Rehabilitation of Intercepting Sewers, Queens (PS312Q) – Interceptor sewer project. Principal-In-Charge/Project Executive. This comprehensive construction included the installation of cured-in-place lining for existing brick and concrete sewers ranging in size from 54-inch to 120-inch in diameter.

WASD Street Paving Rehabilitation Construction Inspection Services (CIS-1) – Miami-Dade Water and Sewer Department, Miami-Dade County, FL – Principle-In-Charge. - M&J Engineering (M&J), is providing Construction Inspection Services by providing Inspectors who will act as asphalt inspectors on behalf of the Miami Dade County Water and Sewer Department and the responsibilities will alternate between preparing and planning work packages for paving Contractors and inspecting, monitoring and reporting Contractors' work. Inspectors will: maintain complete and accurate records of all activities and events related to the Project; identify field conditions and WASD patches, draw and prepare field sketches; interpret plans and sketches, specifications and contract provisions; and maintain an adequate level of surveillance of Contractor activities. All documentation and communications will comply with MD-WASD procedures, formats and content. M&J Inspectors will assure all specifications, standards, plans, permitting, as well as all stormwater pollution prevention measures associated with the project which are conducted by Contractor.

Miami-Dade Department of Regulatory and Economic Resources (RER) - Miami, FL - Principle-In-Charge - M&J Engineering (M&J), is providing Civil Engineering and GIS Services in the preparation of maps, graphs, tables, and database. Typical tasks will include, but not limited to, measuring properties pervious and impervious areas, updating the existing stormwater utility database, researching flood zone, working with databases from property appraiser, elevation certificates, permits, etc.

**Proposed Project Assignment
QA/QC Manager**

Years of Experience
25

Education

- B.S., Civil Engineering, 1995,
Northern Arizona University

Professional Registrations

- Florida
- New York
- Illinois

Certifications

- ENV SP
- OSHA-10 Hours

Key Qualifications

Ms. Siddique has over 25 years of experience in leading complex, multi-disciplinary medium to large scale projects successfully from start-up to close-out on time and within budget. She is a technical lead in water and wastewater services and has provided services to public and private sector clients under multiple assignments and multiple year contracts in FL and NY. Her utilities infrastructure project experience spans through water and sewer authorities for various counties, cities, ports, airports, institutions and site development clients. Ms. Siddique has in-depth knowledge of design standards, permitting requirements, O&M protocols, and constructability considerations. She has proven experience in delivering both traditional design-bid-build and design-build projects. She is thoroughly familiar with all type of construction methods to successfully deliver new and rehabilitation utility infrastructure projects.

RELEVANT EXPERIENCE

Water Main Replacement Project (16-5137) – Taft Street to Hollywood Blvd from FL Turnpike to N. 56th Avenue – City of Hollywood, FL – Ms. Siddique was the Project Manager responsible for the design, permitting, bid and award, and construction administration of replacing approximately 60,000 linear feet of existing 2-inch through 8-inch asbestos and cast iron pipes with new 4-inch through 12-inch PVC (C-900) pipes water mains, fire hydrants, water service connections, relocation of backyard meters to front property. The water mains are to be installed via open-cut method and all the streets will be milled and resurfaced with 1-inch of asphalt pavement. This community is in a Corridor with a dense residential and retail use area. This work required permit approval from FDOT, DOH, Building Department and Broward County Traffic Engineering Division.

Water Main Replacement and Reuse Main Project (15-5128) – Hollywood Blvd to Johnson Street from FL Turnpike to N. 72th Avenue and Between Johnson and Taft Street from FL Turnpike to N. 66th Avenue & Reuse Main for N. 64th Avenue from Taft Street to Johnson Street and Johnson Street from N. 66th Avenue to Route 441 – City of Hollywood, FL - Ms. Siddique was the Project Manager responsible for the design, permitting, bid and award, and construction administration replacing approximately 110,960 linear feet of existing asbestos and cast iron pipes with new 4-inch through 16-inch PVC (C-900) pipes water mains, fire hydrants, water service connections, relocation of backyard meters to front property. The scope also included design, permitting, bid and award, and construction services for 16-inch reuse main for N. 64 Avenue from Taft Street to Johnson Street and Johnson Street from N. 66 Avenue to Route 441 (SR 7). The total length of reuse main to be installed in this project is 6,600 feet.

Water Main Replacement and Reuse Main Project (14-1525) – Johnson St to Taft St from N. 66th Ave to N 76th Terr. – City of Hollywood , FL - Ms. Siddique was the Project Manager responsible for the design, permitting, bid and award, and construction administration services for water main replacements and service connections between Johnson St (excluding segment between NW 72nd Ave and N. 76th Terr.) to Taft St (excluding segment between NW 72nd Ave and NW 66th Ave) from N. 66th Ave to N. 76th Terr. The improvements involved relocation of the existing water meters from back to the front of houses, new service connections, replacement and upsizing of existing Asbestos and Cast-Iron pipes with new 94,315 linear feet of 4-inch through 12-inch PVC (C-900) water main pipes and the addition of a new 13,250 linear feet of 16-inch reuse irrigation main. The proper handling of the existing asbestos pipe replacement was of critical importance in the project. The project included utility trench restoration, milling and resurfacing, pavement marking and signage.

Dixie Corridor Septic to Sewer Lift Stations – City of Hollywood, FL - Ms. Siddique was the Project Manager 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). 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.

Master Pump Station Replacement - Broward College South Campus - Pembroke Pines, FL - Ms. Siddique was the Design Project Manager responsible for providing assessment report, design and permitting services for a new replacement of the main sewage pump station located at the intersection of McArthur Parkway and the College's perimeter road. The services will include the design of a new wet well, new valve vault, new 12 horsepower submersible pumps, new 500 linear feet of 6-inch DIP force main and other associated appurtenances. The current pumps are undersized and have

operational issues depending on the connecting pressures from City of Pembroke Pines' force main along Pines Boulevard. The new design took into consideration the anticipated projected flows based on the College's Facilities Master Plan over the next twenty years. The construction cost is estimated at \$400,000 dollars.

Design and Construction Inspection Services for Wastewater Treatment Facility Related to Consent Decree Projects – Miami-Dade County, Florida – The Miami-Dade Water and Sewer Department operates three wastewater treatment plants and due to age and existing conditions of these assets, all the facilities need upgrades consisting of repairs, rehabilitation, replacement and renewal are required for various treatment components. Ms. Siddique was the project manager for rehabilitation of the Chlorine Contact Chambers and Sluice Gates Replacement projects for the South District Wastewater Treatment Plant. The scope of services included design and construction inspection services.

Design Build Services for Replacement of Water Mains and Service Conversions in the Shenandoah Area (Phase A) – Miami-Dade Water and Sewer Department, Miami-Dade County, FL – Ms. Siddique was the Design Project Manager responsible for the design, permitting and construction administration services for the Design Build Project DB13-WASD-03. The scope of work included installation of new 8-inch water mains and service conversions for the area enclosed by SW 8th street to SW 16th Street between SW 27th Avenue and SW 17th Avenue in Shenandoah Area within City of Miami. The project area was primarily a residential area and had the Shenandoah Elementary School. This was Phase A of two Phases undertaken by Miami Dade Water and Sewer Department (M-DWASD). The project consisted of replacement of existing undersized and deteriorated DIP and CI water mains to improve system pressure, provide fire flow protection and water service conversions. The estimated total length for the proposed 8-inch DIP water main is 39,000 linear feet and for 6-inch DIP water main is 1,100 linear feet. The project included 761 water service conversions from back of property to front of property and approximately 1,160 1-inch water service connections. Permitting was coordinated for approval with Miami Dade Public Works, City of Miami, FDOT, M-DWASD, RER, Fire Department and DOH.

Three Island Reuse Irrigation Main and Pump Station – City of Hallandale Beach, FL – Ms. Siddique was the Project Manager responsible for design of approximately 1,115 LF linear feet of new 8-inch PVC (C-900) reuse irrigation main which will tap into the existing 24-inch irrigation main located at the intersection of Wiley Street and Diplomat Parkway and run south along Diplomat Parkway, extending reuse irrigation water from City of Hollywood into the City of Hallandale Beach. The proposed main was then connected to a proposed storage tanks and pump station at the termination point to store reuse water and provide constant pressure to the reuse main that will stem out from the pump station. The project included electromagnetic flowmeter and an actuated control valve to monitor and control the flow as not to exceed the agreed upon maximum allowable volume of 250,000 gallons per days (GPD) between the two Cities. The construction method included both open-cut and Horizontal Directional Drilling (HDD). HDD method was used to install a 10-inch DIPS HDPE DR 9 to cross the Desoto Waterway Canal on Atlantic Shores Blvd.

Miscellaneous Support Services for Civil Engineering Projects – Ms. Siddique provided miscellaneous support services for 300 Engineering Group for their Civil Engineering projects. Projects included Pump Station rehabilitations for their municipal Clients. Scope of work involved site visits and data collection, preliminary design and plan production utilizing Civil 3D.

WASD Street Paving Rehabilitation Construction Inspection Services - Miami-Dade Water and Sewer Department - Miami, FL - Project Manager - M&J Engineering (M&J), is providing Construction Inspection Services by providing Inspectors who will act as asphalt inspectors on behalf of the Miami Dade County Water and Sewer Department and the responsibilities will alternate between preparing and planning work packages for paving Contractors and inspecting, monitoring and reporting Contractors' work. Inspectors will: maintain complete and accurate records of all activities and events related to the Project; identify field conditions and WASD patches, draw and prepare field sketches; interpret plans and sketches, specifications and contract provisions; and maintain an adequate level of surveillance of Contractor activities. All documentation and communications will comply with MDWASD procedures, formats, and content. M&J Inspectors will assure all specifications, standards, plans, permitting, as well as all stormwater pollution prevention measures associated with the project which are conducted by Contractor.

Miami-Dade Department of Regulatory and Economic Resources (RER) - Miami, FL - Project Manager - M&J Engineering (M&J), is providing Civil Engineering and GIS Services in the preparation of maps, graphs, tables, and database. Typical tasks will include, but not limited to, measuring properties pervious and impervious areas, updating the existing stormwater utility database, researching flood zone, working with databases from property appraiser, elevation certificates, permits, etc.

**Proposed Project Assignment
Design Engineer/Construction
Administration Manager**

Years of Experience
37

Education

M.S., Environmental & Urban
System, Florida International
University, Miami, Florida, 1982

B.S, Civil Engineering, University
of Miami
Miami, Florida 1979

Certifications

Professional Engineer: Florida,
1994 (P.E.48266)

Key Qualifications

Mr. Rahmankhah has a diverse engineering design and management background primarily working on water and wastewater projects. He has over 37 years of experience in design, project and construction management, environmental regulations, master planning, budgeting and fiscal planning, writing and negotiating contracts, conducting start-ups, inspection, writing O&M manuals and updating utility standards, making presentations to top management/government officials, security analysis and troubleshooting in both private sector and government sector. He designed water and wastewater distribution pipes and lift stations with some pipeline up to 36-inch in diameters. He has managed up to and over \$120 million in

RELEVANT EXPERIENCE

Conversion of existing 5 Wet Pit/Dry Pit Lift Stations to submersible pump configuration, 2012 – 2014, Sunrise, FL; Utilities Operations Manager; assisted design consultant with all the necessary as-built, pumps runs and all technical details information needed to design the proposed 5 lift stations rehabilitation projects (Lift station 103, 104, 106, 109 and 110) including history of surcharges, maintenance repairs on existing pumps and motors. Review BODR and technical Memorandums. Reviewed construction plans for constructability and assisted the contractor with emergency portable generator, trash pumps and inspect the startup of newly rehab lift stations. This project includes conversion from a package wet pit/dry pit configuration to a submersible pump configuration. The scope of work for these projects also includes demolition and other work related to the existing wetwell and drywell, as well as removal and replacement of existing wetwell lid and hatches, replacing existing pumps and motor with two new upgrade submersible pumps and motors assemblies, security fencing, electrical and control panels, existing bypass valve vault, concrete wet well fillets, other structural components as necessary to outfit with replacement piping, fittings valves and other accessories.

Conversion of existing 4 Wet Pit/Dry Pit Lift Stations to submersible pump configuration 2012 – 2015, Sunrise, FL; Utilities Operations Manager; assisted and provided consultants with as-built, pumps runs and all technical details information needed to design the proposed 4 lift stations rehabilitation projects (Lift station 122, 123, 125 and 132). These projects include conversion from a package wet pit/dry pit configuration to a submersible pump configuration. The scope of work for this project also includes demolition and other work related to the existing wetwell and drywell, as well as removal and replacement of existing wetwell lid and hatches, replacing existing pumps and motor with two new upgrade submersible pumps and motors assemblies, security fencing, electrical and control panels, existing bypass valve vault, concrete wet well fillets, other structural components as necessary to outfit with replacement piping, fittings valves and other accessories.

Lift Station 107 Rehabilitation Project, 2014 – 2015, Sunrise, FL; Utilities Operations Manager; prepared a preliminary design scope and contract administration of Lift Station 107 Rehabilitation Project by the consultant. This project includes a design conversion from a package wet pit/dry pit configuration to a submersible pump configuration. This project also includes demolition and other work related to the existing wetwell and drywell, as well as removal and replacement of existing wetwell lid and hatches, replacing existing two 7.5 HP pumps and motor with two new 15 HP submersible pumps and motors assemblies, security fencing, electrical and control panels, adjacent sign and dumpster enclosure, existing bypass valve vault, concrete wet well fillets, other structural components as necessary to outfit with replacement piping, fittings valves and other accessories.

16-inch Transmission Water Main Replacement in South Broward Water Treatment Plant, 2014 – 2015, Sunrise, FL; Project Engineer for Design, prepared construction bid documents, estimate of construction costs, utility coordination with the Town of Davie, construction management, applied and obtained the City of Sunrise and Town of Davie engineering permits as well as Broward County Health Department permit. This project was challenging since the proposed 16" pipes had to be installed within 10 feet of existing utility easement which had an existing overhead power line and it was adjacent to the private property backyard with an existing pool and newly installed 36" diameter footing security lighting post in the same easement.

8-inch Water Mains Replacement on NW 20th CT between NW 106 Avenue to East End/Cul-De-Sac, 2013 – 2014, Sunrise, FL; Project Engineer for Design, prepared construction bid documents, estimate of construction cost, utility coordination, applied and obtained the City of Sunrise as well as Broward County Health Department permit. The scope of work was to replace approximately 2200 linear feet of an existing old and deteriorated feet of schedule 6-inch 160 PVC pipes, with new 8-inch DIP water main pipes, water services connection, fire hydrants.

8-inch Water Main Pipes Replacement via Pipe Bursting Construction Method, Shopping Plaza, East of University Dr and South of Sunset Strip, 2013 – 2014, Sunrise, FL; Project Engineer for Design, prepared construction bid documents, estimate of construction cost, utility coordination, applied and obtained the City permits for replacing approximately 1000 linear feet of existing 8" distribution water main pipes in the alleyway behind a shopping plaza East of University Dr and South of Sunset strip; explored alternative design option (pipe bursting method) for replacing existing water main pipes due to limited 12 feet existing easement that had and existing FPL overhead lines, an existing 4" gas main pipe, 8" gravity sewer pipe and 6 feet high privacy wall within 3 feet of each other.

46500 linear Feet of 6-inch and 8-inch Water Main Replacement in Park City Estate, 2012 – 2015, Davie, FL; Project Manager; prepared a design scope of approximately 46500 linear feet of water mains replacement of existing old and deteriorated schedule 160 pvc and asbestos pipes and showing the project limit, pipe sizing, isolation valves and new fire hydrants, water mains pies alignment and issuing a task order to the consultant to proceed with design and preparation of construction bid documents. I was also responsible for utility coordination, meeting with neighborhood association board to discuss the proposed maintenance of traffic to assure them that the residents would always have access to their homes as well as school buses having access to the local streets. The construction was performed under several construction phases with multiple field crews performing different tasks at each phase, such as trenching for water mains, jack and bore for water services, replacing existing meters with meter boxes, backyard meter relocation to the front property, pavement restoration and cleaning/ flushing/ pressure testing/ bacteriological testing.

4-inch Force Main Aerial Crossing replacement in Town of Davie Golf Course, 2014 Sunrise, FL; Project Manager, designed and prepared construction bid documents, estimate of construction cost for replacing existing old and deteriorated 4" steel force main pipe aerial crossing with new 4" HDPE force main pipe by directional bore method under canal water way. This project includes apply and obtain two 5 feet utility easements from two adjacent properties as well as Broward County EPA permits, South Broward drainage district and utility coordination. This work also includes make an environmental sewage spill report and manage cleanup and disinfection operations.

12-inch Force Main replacement in South Broward Wastewater Treatment Plant, 2014, Sunrise, FL; Project Engineer; designed and prepared construction bid documents, estimate of construction cost of replacing 300 linear feet of an old and deteriorated 12" cast iron pipe. This project includes coordination, dewatering, utility coordination with the Town of Davie, apply and obtained the City of Sunrise and Town of Davie engineering permits as well as Broward County permit. The scope of work also includes installation of new 12" cut-in-tee, plug valves and all the necessary fittings.

150000 linear Feet of 6-inch, 8-inch, 10-inch and 12-inch Water Main Replacement, 1992 – 2007, Fort Lauderdale, FL; Project Engineer responsible for planning, design, preparation of construction bid documents, estimate of construction cost, utility coordination, easement and property acquisition, construction management of replacing over 150000 linear feet of distribution water main pipes in several neighborhood throughout the City. This project includes replacing and upgrading existing old, deteriorated and undersize cast iron pipes with new DIP, PVC C-900 or HDPE pipes, water services, water meters, meter boxes, fire hydrants. These pipes were installed by traditional open-cut, directional drill and or jack and bore, aerial crossing over piles or attached to the bridges (which included by-pass system, air release valves) based on their complexity and field conditions. I as an engineer records applied and obtained health department permits as well as all the necessary engineering permits from adjacent cities, Broward County and FDOT. I reviewed and approved the proposed MOT plans as well as all the shop drawings.

4500 linear Feet of 30-inch Transmission Water Main Replacement, 2015 – 2016, Sunrise, FL Project Manager; prepared a design scope of approximately 4500 linear feet of 30-inch transmission water mains replacement (from Springtree water treatment plant to Nob hill Rd, Pine island Road from Oakland Park to 1000 feet south/aerial crossing) and showing the project limit, pipe sizing, isolation valves and, water mains pies alignment and issuing a task order to the consultant to proceed with design and preparation of construction bid documents.

**Proposed Project Assignment
Project Engineer**

Years of Experience
33

Education

Bachelor of Science in Civil Engineering, University of Havana, Havana, Cuba, 1987

Certifications

Professional Engineer: Florida, (P.E.65500)
Certified Floodplain Manager #US-14-07900, Florida

Key Qualifications

Aleyma has over 33 years of experience in Civil Engineering, including drainage designs, roadway, airport, water distribution and sewage systems. Her work experience includes permitting under SFWMD, SWFWMD and SJRWMD and Miami Dade Water and Sewer, RER and other and local agencies. She is proficient in AdICPR drainage modeling, Microstation, Geopak. Skills include the use of GIS, AutoCAD, Primavera. Pond Pack, Flow Master, Culvert Master, HEC-RAS, HEC-22, TR-55, FDOT Culvert Service Life Estimator.

RELEVANT EXPERIENCE

Port of Miami Sea Board Cargo Yard Paving and Seaboard Marine Cargo Yard-Berth 165-177 Paving - Responsible for design and production of the engineering plans for interim paving and grading utilizing the existing drainage system in the Seaboard Marine Cargo Yard and adjacent wharf. Design included repair / replacement of existing drainage structures, frames, and grates.

Miami-Dade County Public Schools- Improvements for Miami-Dade County Public Schools (Schools: Shenandoah Elementary School, Coral Terrace Elementary School, Arlington High Elementary School, Henry M Flagler Elementary School, North Twin Lakes Elementary School, Henry M. Flagler Elementary School, John I. Smith Elementary School Palmetto Elementary School, and Snapper Creek Elementary School) Project consist of the addition of several Water Main lines and Force Main and/or gravity lines segments associated to the School Building facilities due to the facility improvements increased capacity. Other improvements: Parking Areas and school yards for the modular buildings. Roll: Engineer responsible for the design and permitting (Public Work and/or WASD) of the schools' water main segments connections, water distribution systems, sewage collection including FM or WM sections within the City, parking facilities, perimeter road(s), student bus drop off - pick up areas paving design, grading, signing, pavement markings and drainage design.

Florida International University (FIU) Parkview Housing -Florida - College Building Facilities Architectural and Engineering improvements. Roll: Project Engineer responsible for the design of an approximately 7-acre facility enclosing a building complex, courtyards, parking lots and two small local roads. Responsible for the civil design and plan production, including paving, grading, signing, marking, drainage, SWPPP and Erosion Control Plan, water distribution and sanitary sewer system and connection to the City of Miami System. Work included MD-WASD and Public Work permitting.

Snake Creek Readiness Center - Client: State of Florida Department of Military Affairs Construction and Facility Management Office Located on a 30-acre site within the city of Miramar the Center Facility was the site for this project supporting the readiness of the local Army National Guard. Project included all civil, landscaping, structural, architectural, fire protection, and other miscellaneous. Roll: Project Engineer for the layout, paving, grading, and drainage design of the parking areas and auxiliary roads. Design included calculations and analysis of the Center Water Treatment Facilities consisting of three wet retention ponds and control structures as well as the design of the water distribution and sanitary system with corresponding interconnection to the Center to the City Networks.

City of North Miami Beach Florida Assisted in the evaluation of existing and proposed hydrologic and hydraulic conditions using AdICPR for a 5.4-acre area. The project included the use of exfiltration trenches, a Continuous Deflective Separation (CDS) Unit (a stormwater solids separation pollution control structure) and an outfall discharging to a nearby canal.

City of Miami, Florida Project Engineer responsible for performing the hydrologic and hydraulic analysis using AdICPR for existing and proposed conditions for several roadway segments approved byFEMA / DERM. Projects completed as part of the implementation of road rehabilitation and/or reconstruction and drainage design plans at six different locations throughout the City of Miami. FEMA Projects / Mitigation for City Roads – Packages 3A & 3B. 2B, 2C, 2D and 2E.

State Road 112 (Airport Expressway), Miami-Dade County Expressway Authority - Project extension: Estimated 3 miles of SR 112 including connection west to NW 27th Avenue. Participate and assist in the design of the safety and infrastructure improvements, widening, milling and resurfacing of the highway and all ramps, signalization, pavement markings, lighting and drainage. Involvement also included the design of MOT, and total cost estimate projection.

Alton Road Side Street Drainage Layout, FDOT - Assist in design of the drainage layout and drainage improvements for the road segment. Design responsibilities included existing basin analysis and modeling using the advanced interconnected pond routing (AdICPR) computer model software.

South West Florida International airport (SWFIA) access to interstate 75 (SR 93) - Project Engineer assisting the drainage design and overall drainage for the proposed access road. Design responsibilities included existing basin analysis using the advanced interconnected pond routing (AdICPR) computer model, preparation of documents and Data for SFWMD permit.

Homestead extension of Florida's Turnpike (HEFT) (SR-821) Kendall drive (SW 88th Street) to bird road (SW 40th Street) Responsible in design of the overall drainage layout and drainage improvements. Design responsibilities included Water quality and Water Quantity analysis and computation, modeling using the advanced interconnected pond routing (AdICPR) computer model software. Drainage report drainage documentation and data for SFWMD ERP

SR 826 / SR 836 Interchange - Project Engineer for the roadway design and overall drainage for the proposed interchange configuration. Design responsibilities included existing basin analysis using the advanced interconnected pond routing (AdICPR) computer model and public involvement in order to establish appropriate design parameters.

Golden Glades Interchange Improvements (SR-826/Palmetto Expressway Eastbound Ramp to SR-9A/I-95 Northbound), Miami-Dade County, Florida Drainage Engineer and Task Manager for the development of the supporting engineering analysis, calculations and other technical documents required to obtain the South Florida Water Management District Conceptual Environmental Resource Permit. The Golden Glades Interchange is of regional importance providing connectivity to six major principal arterials and/or limited access expressway facilities including I-95/SR 9A, SR 9, SR 91 (Florida's Turnpike), US-441/SR 7 and SR 826.

The primary purpose of this project is to provide a direct connection ramp from SR 826/Palmetto Expressway eastbound to I-95 northbound. Additionally, the project also: Improved the Florida's Turnpike southbound to the I-95 southbound movement; Enhance multimodal use for both transit and freight; Develop interim improvements within the Golden Glades Interchange to enhance safety, mobility and circulation; and Enhance emergency access and incident response times through the interchange. The job includes the construction of 4 new bridges and 3 widenings. Other improvements include retaining walls, lighting, sound walls, utilities JPA plans, signalization, signing and pavement markings and ITS.

Design-Build for SR-836 Extension - Westbound Access Ramp and Infrastructure Modifications for Open Road Tolling (ORT), Miami-Dade County, Florida

Drainage Engineer and Task Manager for the Stantec drainage design elements and the required associated permitting with all the related agencies including DERM and SFWMD. The primary goals of this \$12 million D/B project are to provide the ORT infrastructure modifications required to achieve the overall toll master plan for SR 836 from NW 137th Avenue to SR 826. In addition, there are roadway improvements associated with the construction of the SR 836 Extension Westbound Access Ramp from NW 107th Avenue.

Homestead Extension of Florida's Turnpike (HEFT) (SR 821) Widening from North of SW 184 Street (Eureka Drive) to South of SW 104 Street / SR 990 (Killian Parkway), Miami-Dade County, Florida (Drainage Engineer) Drainage Engineer responsible for the hydraulic, hydrological analysis and design of the storm sewer system of this \$145 million Design-Build project that aims to provide additional capacity along this segment of the HEFT, implement Express Lanes from SW 216 Street to SR 874, as well as provide route continuity for HEFT traffic by swapping the NB HEFT and SR 874 movements at the interchange, making the HEFT the primary (left-hand) movement at the interchange. Structural improvements include 10 bridge widenings, 5 new bridges, one partial bridge demolition, sign structures, crash walls, retaining walls and sound walls.

Proposed Project Assignment
Engineer/CEI Inspector

Years of Experience
5+

Education

- B.Sc. in Civil Engineering
 - Florida International University, Miami, FL
- B.Sc. in Mathematics
 - St. Thomas University, Miami Gardens, FL

Certifications

- ACI Concrete Field-Testing Technician Grade 1
- FDOT Temporary Traffic Control (TTC) Advanced Course
- Concrete Field Technician Level 1
- Asphalt Paving Level 1
- Asphalt Paving Level 2
- OSHA 10 HR Construction Safety
- Compaction and Density Testing Certification
- Nuclear Gauge Safety Certification
- HAZMAT Certification

Affiliations

- American Society of Civil Engineers

Key Qualifications

Mr. Gonzalez is experienced in the areas of design and construction for Civil Infrastructure projects such as roadway paving, site development, drainage, water main and reuse main while working under direct supervision of Senior Engineers and Inspectors. His responsibilities include coordinating with Clients, site visits, compiling data, design computations, preparing engineering plans, preparing technical specifications and construction administration services.

RELEVANT EXPERIENCE

Water Main Replacement Program Project (No. 16-5137) City of Hollywood Department of Public Utilities - Engineer Intern assisting in the design, permitting, bid and award and construction administration services for the replacement and upgrades of 4-inch through 8-inch PVC (C-900) water mains in the neighborhoods within Johnson St to Taft St from 56th Ave to FL Turnpike and between Hollywood Blvd to Johnson St from SR 7 to FL Turnpike. The water main improvements are necessary due to the age, frequent repairs and material of the existing pipes. The estimated total length of pipe to be installed in this project is 60,000 linear feet of water main. In addition, the relocation of the existing meters from the rear to the front of both residential and commercial properties, reconnection of existing meters, as well as compliance with jurisdictional agencies and fire safety requirements. The project also includes utility trench restoration, milling and resurfacing, pavement marking and signage, permitting coordination with FDOT, FDEP and Broward County.

Miscellaneous Support Services for Civil Engineering Projects – Mr. Gonzalez provided miscellaneous support services for 300 Engineering Group for their Civil Engineering projects. Projects included Pump Station rehabilitations for their municipal Clients. Scope of work involved site visits and data collection, preliminary design and plan production utilizing Civil 3D.

WASD Street Paving Rehabilitation Construction Inspection Services (CIS-1) – Miami-Dade Water and Sewer Department, Miami-Dade County, FL - Mr. Gonzalez is one of the Inspectors providing construction inspection services for the project. Scope of work includes preparing and planning work packages for paving Contractors and inspecting, monitoring, and reporting Contractors' work. He will maintain complete and accurate records of all activities and events related to the Project; identify field conditions and WASD patches, draw and prepare field sketches; interpret plans and sketches, specifications and contract provisions; and maintain an adequate level of surveillance of Contractor activities.

Master Pump Station Replacement - Broward College South Campus - Pembroke Pines, FL - Ms. Siddique was the Design Project Manager responsible for providing assessment report, design and permitting services for a new replacement of the main sewage pump station located at the intersection of McArthur Parkway and the College's perimeter road. The services will include the design of a new wet well, new valve vault, new 12 horse power submersible pumps, new 500 linear feet of 6-inch DIP force main and other associated appurtenances. The current pumps are undersized and have operational issues depending on the connecting pressures from City of Pembroke Pines' force main along Pines Boulevard. The new design took into consideration the anticipated projected flows based on the College's Facilities Master Plan over the next twenty years. The construction cost is estimated at \$400,000 dollars.

CEI Services for Water Main Improvement and Pavement Restoration Project (No. 20160027) Miami-Dade County Public Works Department – Mr. Gonzalez was one of the Inspectors providing Inspection Services for the water main improvement and pavement restoration project located on NE 89th Street & NE 90th Street, from NE 10th Court to North Bayshore Drive. The project consists of upgrading to 8-inch D.I. Water Main along NE 89th Street, NE 90th Street and North Bayshore Drive, as well as installation of 1-inch & 2-inch Water Service lines to houses and corresponding private properties located on the south side of NE 89th Street (parallel to Lake Belmar), and 6 fire hydrants. This project began in continuance with the Drainage Improvement Project (No. 20170147).

CEI Services for Drainage Improvement and Pavement Restoration Project (No. 20160007) Miami-Dade County Public Works Department - Mr. Gonzalez was one of the Inspectors providing Inspection Services for the drainage improvement and pavement restoration project located on NE 25th Avenue from NE 188th Street to NE 191st Street. The drainage improvements consist of 18-inch French Drain along NE 25th Avenue, as well as 15-inch and 18-inch Solid Pipe installation for crossings, from manhole to subsequent catch basins, and when crossing streets within project limits. His responsibilities include compiling daily/weekly reports, Photo and/or Video documentation and reporting quantities of both drainage and pavement restoration, including sidewalks and sodding.

CEI Services for Drainage Improvement and Pavement Restoration Project (No. 20170147) Miami-Dade County Public Works Department - Mr. Gonzalez was the Inspector providing Inspection Services for the drainage improvement and pavement restoration project located on NE 89th Street & NE 90th Street, from NE 10th Court to North Bayshore Drive. The drainage improvements consist of 18-inch French Drain along NE 89th Street, NE 90th Street and North Bayshore Drive, as well as 15-inch Solid Pipe installation for crossings, from manhole to subsequent catch basins. His responsibilities include compiling daily/weekly reports, Photo and/or Video documentation and reporting quantities of both drainage and pavement restoration, including sidewalks and sodding.

West Parking Lot Reconstruction Broward College Central Campus - Engineer Intern assisting in the design of the reconstruction of the College's west parking lot located adjacent to College Avenue and SW 30th St. The parking lot area to be improved consists of raising the existing grades, modifying the perimeter roadway alignment, new pavement, new drainage system, landscape and lighting. The drainage infrastructure will include exfiltration trench system meeting the required pre-treatment volume and ultimately discharging to the College surface water management system as permitted by SFWMD and CBWCD. The project construction cost is estimated to \$1.2 million dollars.

Lake Surprise Estates Neighborhood Roadway and Drainage Improvements, Monroe County Engineering - Engineer Intern assisting in the design, permitting services and construction administration services of roadway and drainage improvements to the Lake Surprise Estates Community in Key Largo. The project included the rehabilitation of approximately 13,540 linear feet of roadway of which 5,600 linear feet of roadway will be milled and resurfaced and 7,960 linear feet will be reconstructed. In addition, the installation of 1,500 of 18-inch storm drainage pipes, 1,000 linear feet of 18-inch exfiltration trench system and 102 drainage structures. The improvements and the retrofit activities improved and added treatment attenuation capacity to the existing storm water management system as well as increased the pavement structural life. The project was redesigned to accommodate for sea level rise environmental impacts. The Construction cost was \$3.0 million dollars.

Construction of two Pedestrian Bridges, Florida Greenway Bridges, Project No. 41833315801 - Served as Assistant Project Engineer to perform Quality Assurance, Verification Testing and Consulting Engineering Services for the construction of two pedestrian bridges in Miami-Dade County, Florida. Bridge A is located in the vicinity of US1 and SW 216th Street and Bridge B is located in the vicinity of SW 97th Avenue and SW 328th Street. ACES inspections and testing were performed in accordance with relevant FDOT and ASTM Standards and Guidelines.

Bel Aire on the Bay - Served as Assistant Project Engineer to perform Phase I Environmental Site Assessment (ESA) Services on the property located at 6790-6800 Indian Creek Drive, Miami Beach, Florida. The subject property consisted of a vacant parcel of approximately 46,275 SF of land, which is composed of 30,150 SF for the northern lots 36 & 37 Block 3 of 6800 Indian Creek Drive, and 16,125 SQ FT for the southern lot 35 Block 3 of 6790 Indian Creek Drive. ACES prepared and submitted a signed & sealed engineering report upon completion.

South Miami Avenue Drainage Improvement from SW 25th Road to SW 21st Road - Served as Assistant Project Engineer to perform Geotechnical Investigation Services on the improvement of the storm drainage from SW 25th Rd to SW 21st Rd. The Geotechnical Investigation provided three (3) SPT Soil Borings and three (3) Usual Open Hole Constant Head (UOHCH) Percolation Tests.

Proposed Project Assignment
Civil Engineer

Years of Experience

9

Education

B.S. Civil Engineering in 2010, San Jose State University, CA

Key Qualifications

Experienced Civil Engineer with emphasize in roadway and GIS projects. Demonstrate good judgment and decision-making ability. Exceptional organizational, interpersonal and communication skills with an extraordinary ability to multi task and prioritize.

Experienced in coordinating with all project team members including public Stakeholders for projects.

Computer Skills: Word, Excel, web, PowerPoint, AutoCAD, Truss Plus, Micro Station, Geopak, and ArcGIS.

RELEVANT EXPERIENCE

Miami-Dade Department of Regulatory and Economic Resources (RER) – (2018-Ongoing) – Civil Engineer - M&J Engineering (M&J), is providing Civil Engineering and GIS Services in the preparation of maps, graphs, tables, and database. Typical tasks will include, but not limited to, measuring properties pervious and impervious areas, creating FEMA maps with all the information regarding Special Flood Hazard Zones using ArcGIS Pro, updating the existing stormwater utility database, researching flood zone, working with databases from property appraiser, elevation certificates, permits; filling excel table with all the information found on the FEMA MAP, etc.

Civil Engineer for various Roadway Projects, Florida: Responsible for analyzing data and designing roadway plans including roadway cross sections, drainage, signing, and pavement marking following county and FDOT codes and regulations. Worked using ArcGIS to gather map information and geographic data on the following projects:

- Old Dixie Hwy- Yamato to Linton.
- SW 45th Street and Military Trail Intersection
- SW 18th St and Boca Rio Intersection

Worked using Micro Station and Geopak for Roadway Design and Sunshine 811 to locate utilities such as FPL, Electric, Sewer and Water on the following projects:

- Palm Beach lakes BLVD and Robbins Intersection
- Central Blvd and University DR Intersection
- Linton BLVD and Federal Hwy intersection
- North Lakes at Avenir
- North Lake Blvd (Coconut to SR 7)
- Jog RD and Okeechobee BLVD Intersection
- High Ridge Road and Gateway BLVD Intersection

Calculate cut and fill for earthworks. Develop professional meeting minutes. As a project Utility coordinator assistant, responsible for contacting utility owners and obtaining as-built plan information and update and design plans accordingly.

Assistant Engineer, Union Sanitary Water District Union City, CA:

Assisted engineers in the Waste Water Treatment Department. Analyzed factors of proposed sites, graphed, and illustrated data to create excel sheets. Gathered a great understanding of collected data and documents for future projects. Analyzed FEMA flood maps for elevation requirements. Investigated materials, specifications, and dimensions for replacement of old pipes. Revised and upgrade data and drawings according to city maps,

layouts, and forms. Prepared excel sheets, collected, and documented new data for future projects and replacements of old pipes.

Truss Designer Engineer Inland Truss Company San Jose, CA:

Supervised 50 construction workers to build manufacture trusses to specific calculations. Analyzed architectural and structural plan's specifications to make calculations to determine the structures and dimensions to make trusses efficient to support internal and external forces. Designed and drafted trusses with precise detailed dimensional drawings and layouts.

Engineering Intern City of San Jose San Jose, CA: Assisted Engineers in the Transportation Department. □

Organized and typed documents with information that enforce public order and safety. Reviewed and made forms for replacement of signs and markings. Inspected job sites to make sure signs were properly install, and markings were visible for drivers to minimized accidents by 80%.

Proposed Project Assignment
CEI/ITS Inspector

Years of Experience
5+

Education

- At Junior year in B.Sc. in Civil Engineering
Florida International University, Miami, FL
- Associate in Civil Engineering
Miami Dade College, Miami, FL

Certifications:

CTQP Earthwork level 1
CTQP Earthwork level 2
CTQP Asphalt Paving Level 1
CTQP Asphalt Paving Level 2
Metro Florida Safety Council- (MOT)
Intermediate
CTQP Final Estimates Level 1
CTQP Drilled Shaft Inspection
CTQP FDOT Concrete Field Inspector
ACI Level 1
Florida Storm Water Management Inspector
Critical Structures Construction- Self Study
Course
Auger Cast Pile- Computer Based Training
Nuclear Radiation Safety
Traffic signal inspector level 1
Hazard Communication
OSHA 10-Hour Construction Safety

Key Qualifications:

- Inspection
- Quality Inspector
- Experience in Plan reading.
- Computer competency in Word and Excel.
- Experience in soil testing with nuclear gauge.
- Experience in concrete testing.

RELEVANT EXPERIENCE

WASD Street Paving Rehabilitation Construction Inspection Services (CIS-1) – Miami-Dade Water and Sewer Department, Miami-Dade County, FL - Inspector
providing construction inspection services for the project. Scope of work includes preparing and planning work packages for paving Contractors and inspecting, monitoring, and reporting Contractors' work. He will maintain complete and accurate records of all activities and events related to the Project; identify field conditions and WASD patches, draw and prepare field sketches; interpret plans and sketches, specifications and contract provisions; and maintain an adequate level of surveillance of Contractor activities.

FDOT State Road No A1a/S Ocean Dr from Monroe Street to Sheridan Street - Senior roadway inspector

- Overseeing inspectors.
- Manage monthly quantities.
- Manage earthwork log books.
- Attend Bi-weekly project progress meetings.
- Inspected work sites to verify adherence to all applicable codes and standards.
- Performed inspections on drainage structures installations.
- Performed inspections in asphalt paving operations.

MDC SW 152nd Street from SW 147th Avenue to SW 157th Avenue. (Roadway and Drainage improvements) – Roadway Inspector

- Monitoring construction site to verify adherence to all applicable codes and standards.
- Performed inspections on asphalt paving.
- Performed inspections on drainage structures installations.
- Performed inspections on palm tree removal/relocated.
- Maintain project documentation including daily work reports, quantity verification sheets, testing logs, photographs, etc.

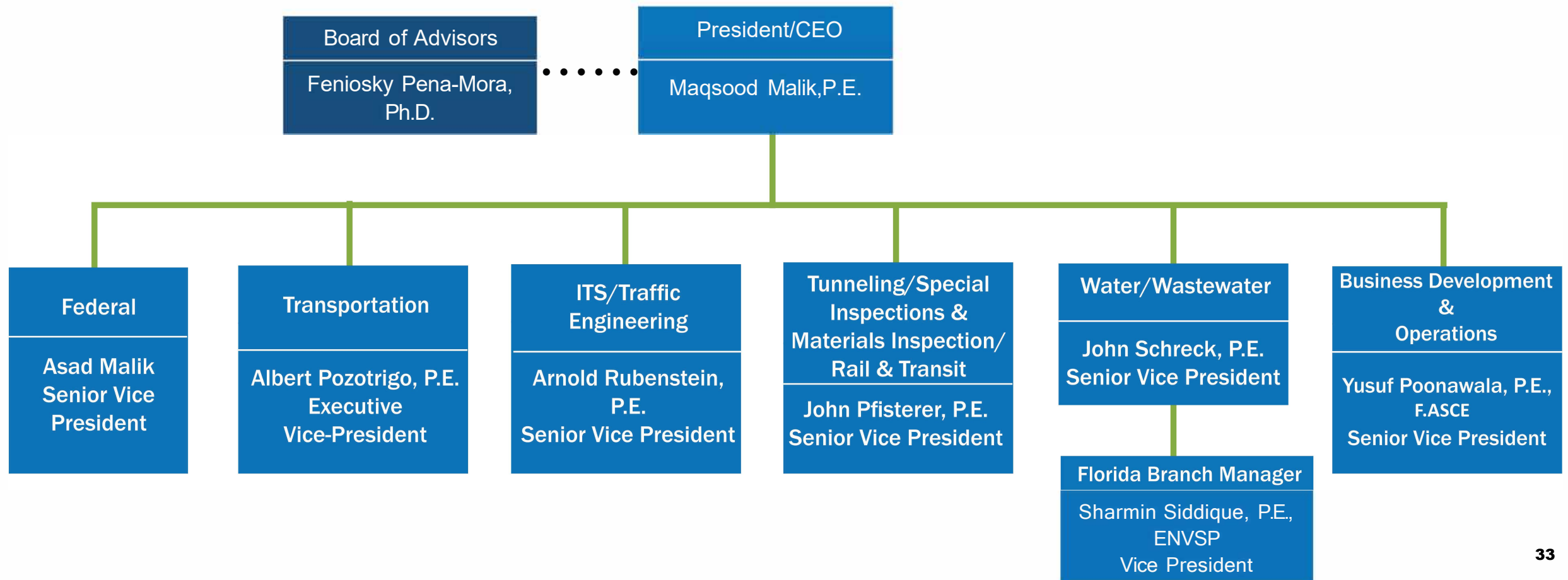
FDOT State Road No. 968 W Flagler Street from West of Sr 9/ W 27th Avenue to West of W 14th Ave – Roadway Inspector

- Inspected work sites to verify adherence to all applicable codes and standards.
- Performed inspections on drainage structures installations.
- Performed inspections on Water main installations.
- Tested soil with nuclear gauge

FDOT NW 36 ST Bridge Bascule Bridge Demolition and Construction – Bridge Craft Lead

- Contribute to daily Task meetings
- Review plans with Foreman
- Implement Plan requirements
- Support new craft crew with ongoing scope
- Contribute to safety program

Corporate Family Tree



Structural Engineering



Transportation Engineering



Water & Wastewater Engineering



Traffic Engineering and ITS



Environmental Engineering & Hazard Waste Management



Electrical Engineering



Stormwater Management



Mechanical Engineering



Coastal & Marine Engineering



Construction Management



Civil Engineering



2004

inception

250+

employees

150+

projects completed

1M+

safe work hours recorded
with zero accidents

\$5.6B

projects managed

Introduction

M&J Engineering, P.C. (M&J) is a leader in engineering design and construction management services. Established in 2004, M&J has grown into a multi-disciplined consulting engineering company with over 250+ employees. Our Core Values are focused in three simple objectives, Clients, Employees and Growth. *M&J's corporate headquarters is located in New York, with offices in Florida, New Jersey, Connecticut, Pennsylvania, California, Washington D.C., and Virginia.* M&J has been expanding, at a smart pace, offering its high-quality services to Clients in new geographic areas. Over the last 15 years, M&J has been dedicated to providing high quality, responsive and timely services to Federal, State, Municipal and Private Clients. Our engineers, inspectors and technicians are diligent experts and forerunners of technology, design and construction management services. We are a certified Disadvantaged (DBE) in Florida, Minority (MBE), and Small Business Enterprise (SBE) in New York, as well as a U.S. Small Business Administration (SBA) 8(a) engineering firm.

M&J Services

- Transportation Engineering
- Traffic Engineering
- Intelligent Transportation System (ITS)
- Civil Engineering
- Water and Wastewater Engineering
- Stormwater Management
- Environmental Engineering
- Structural Engineering
- Electrical Engineering
- Mechanical Engineering
- Coastal and Marine Engineering
- Construction Management Services
- Hazard Waste Management
- Geotechnical and Materials Testing

At M&J Engineering, teamwork through commitment, planning and hard work is what makes us flourish. This philosophy represents us and is what drives us to provide our Clients with quality engineering and construction management services as a true partner in enhancing our communities.



M&J has a local Florida team to assess and provide services as rendered to all our Clients. *Our Local Florida offices in Coral Gables, Boca Raton and FT. Lauderdale,* provide immediate response and collaboration for all project requirements. Our offices are staffed with the experts to provide efficient and knowledgeable outcomes in all stages of any project deliverable or implementations.

M&J and/or M&J's staff Florida Current Client list includes:

- Miami-Dade Water and Sewer Department
- Miami Dade Department of Transportation and Public Works
- Miami-Dade Regulatory and Economic Resources
- Miami-Dade County Public Schools
- Miami-Dade Aviation Department
- PortMiami
- City of South Miami
- City of Coral Gables
- City of North Miami
- City of Miami Beach
- Village of Key Biscayne
- City of Hollywood
- City of Hallandale Beach
- Broward College
- Broward County Aviation Department
- South Florida Water Management District
- Monroe County Engineering Department
- City of Tampa
- City of Fort Lauderdale
- City of Miami Gardens
- Orange County
- City of Orlando
- Toho Water Authority
- Hillsborough County

Miami-Dade County Technical Certifications

- ✓ 2.01 - Mass Transit Program (Systems) Management
- ✓ 2.04 - Mass Transit Controls, Communications & Information Systems
- ✓ 3.01 - Site Development and Parking Lot Design
- ✓ 3.02B - Minor Highway Design
- ✓ 3.04 - Traffic Engineering Studies
- ✓ 3.05 - Traffic Counts
- ✓ 3.07 - Traffic Signal Timing
- ✓ 3.08 - Intelligent Transportation System Analysis, Design and Implementation
- ✓ 4.01 - Aviation Systems Engineering Design
- ✓ 5.01 - Port and Waterway Systems Engineering Design
- ✓ 6.01 - Water Distribution and Sanitary Sewage Collection and Transmission
- ✓ 6.02 - Water and Sanitary Sewage Pumping Facilities
- ✓ 6.03 - Water and Sanitary Sewage Treatment Plants
- ✓ 10.01 - Stormwater Drainage Design Engineering
- ✓ 16.00 - General Civil Engineering
- ✓ 17.00 - Engineering Construction Management

Florida Department of Transportation (FDOT) Certifications

- ✓ 3.01 - Minor Highway Design
- ✓ 6.1 - Traffic Engineering Studies
- ✓ 6.2 - Traffic Signal Timing
- ✓ 6.3.1 - Intelligent Transportation Systems Analysis and Design
- ✓ 6.3.3 - Intelligent Transportation Traffic Engineering Systems Communications
- ✓ 7.2 - Lighting
- ✓ 10.1 - Roadway Construction Engineering Inspection

Palm Beach County Certifications

- ✓ 2.02 – Airport Design & Operation
- ✓ 2.03 – Port & Waterway Design & Operation
- ✓ 2.04 – Mass & Rapid Transit Design & Operation
- ✓ 3.01 – Two-Lane OR Multi-Lane Rural General Free Access Highways
- ✓ 3.02 – Two-Lane or Multi-Lane with Curb and Gutter Generally Free Access Highway Design, Including Storm Sewers
- ✓ 3.07 – Traffic Control Analysis, Design & Implementation
- ✓ 8.02 – Waste Water Collection Systems
- ✓ 8.04 – Water Distribution Systems
- ✓ 9.05 – Highway Lighting

Management and Organizational Capabilities



We understand that successful project management is vital for the completion of projects on time and within budget. Effective and efficient project management techniques provide for the settlement of any disputes promptly and allow for the project to continuously move forward. Our staff is proactive and gladly accepts the challenges that are inherent to infrastructure improvement projects and we accept "ownership" of the task responsibilities, and we are held accountable.

M&J's organizational capability is related to our ability to manage resources and employees effectively to gain an advantage over competitors work products. Our organizational capabilities focus on our ability to meet our Clients' demands. These capabilities are unique to our organization and put us above our competitors. Our organizational capabilities improve the outcome on our projects and allow M&J to deliver high quality products. *We are always striving to achieve innovative engineering and construction management/inspection solutions.* The skills and knowledge of the M&J Team are the result of training programs, education assistance and effective recruiting to get the best and brightest personnel.



Further, we have an excellent quality management team in place to help with QA/QC of the work may it be studies, analysis, or drawings and specifications. The M&J Team's quality management practices are always in line with the latest ISO 9000 guidelines.

Transportation Engineering



M&J's transportation group consists of experienced engineers and inspectors for design and construction services of new and rehabilitation roadway projects for State and Municipal Clients. We are experienced in simple projects like milling and resurfacing projects to complex complete reconstruction projects.

Our expertise also includes drainage improvements associated with roadway projects, our staff is knowledgeable of permitting and regulatory requirements and brings proven track record with strong portfolio of roadway and drainage improvement projects.

M&J's Ports and Airports experience expands to design, permitting and construction inspection services for water/wastewater upgrades and/or extension, terminals/site developments, stormwater management, intermodals and parking lot projects. Our staff has worked on projects located in both airside and landside for airports as well as in waterside and landside for ports.

M&J's Rail and Transit group has performed Resident Engineering and Inspection services for replacement of all mechanical, electrical, signals and communications equipment, including building element upgrades for *MTA NYCT Stillwell Avenue Terminal Rehabilitation*, Brooklyn, NY, the largest above-ground station in New York City's subway system and the largest rapid-transit terminal in the world.

M&J's experience:

- Structural Engineering
- Flood Mitigation
- Stormwater Management
- ITS
- Project Controls
- Design-Build Services
- Resident Engineering
- Construction Quality Control
- Construction Inspections



M&J is currently providing Construction Quality Control services for the Design-Build for *Long Island Railroad 3rd Track Expansion Project* from Floral Park to Hicksville, NY, total construction cost \$1.8 Billion.

M&J is also providing engineering services currently for the *Connect Long Island/Bus Rapid Transit project*. Suffolk County's "Connect Long Island" comprehensive regional transportation and development plan aims to create sustainable growth and an innovation economy by supporting Transit Oriented Developments and building a 21st century transportation infrastructure that connects these developments to major research and educational institutions and innovation zones for emerging hi-tech companies. Connect Long Island is rooted in the principle that the regional economy cannot grow simply by adding more cars to the roadway. With respect to transportation, the goal would be to create new north-south surface transportation links that complement the east-west commuter rail service provided currently by the Long Island Railroad.



M&J's Tunnel group is experienced and has expertise in: facility management; control room design; critical life safety systems; ventilation and compressed gas systems; IT network design; DYNAC systems; CCTV digital video system; constructability reviews; traffic engineering and ITS; EZ Pass; LED lighting; and wireless communications.

M&J's tunnel projects have included the following work items: DYNAC systems; replacement of the fire line systems; replacement of tunnel finishes including ceiling panels, wall tiles, polymer panels and doors; cleaning and corrosion inhibitor application to tunnel concrete liner, ceiling slabs, and other structural systems; rehabilitation of the cathodic protection system; replacement of the low-tension duct bank system and cables, catwalk and handrail; electrical replacement including exhaust and fresh air duct lighting systems, code call system, electrical boxes and components, tunnel traffic control and communication system (including telephone, emergency pull station, signal control, VMS and lane use signals), CCTV monitoring and fiber optic system; installation of emergency exit lights and signage; replacement/rehabilitation of the tunnel drainage pumping system; abatement of lead and asbestos; repair of retaining walls, concrete structural slabs, grouting, repair/replacement of roadway expansion joints, sidewalk, asphalt restoration, and maintenance and protection of traffic.

Traffic and ITS Engineering

M&J's Traffic and ITS group is leading the way with innovative engineering solutions to transportation and traffic issues.

M&J's experience:

- Intelligent Transportation System (ITS) Design
- Traffic, Traffic Signal Priority, and Intersection Improvement Studies
- Traffic Signal Design and Inspection
- Accessible Pedestrian Signal (APS) Studies and Design
- Traffic Signal Timing Improvements using simulated software
- Traffic, Accident and Safety Analyses using HAS 3.0
- Work Zone Traffic Control (WZTC) plans
- Highway/Roadway Expansion Improvements
- Lighting Design
- Cashless Tolling
- Parking Analysis and Design
- Traffic Engineering Improvements including channelization, MPT plans signing and striping plans; design of heavily congested corridors using ATDM strategies
- Data Collection and Street Inventory services



Data collection and analyses by M&J's Traffic group are computerized, and the latest approved software and programs are fully operational. M&J's Clients include numerous municipal agencies, contractors, authorities and corporations.

Civil Engineering

Our Civil group is experienced in projects varying in scope. Whether the project involves a roadway reconstruction, a major culvert replacement, a sidewalk replacement or minor paving, M&J can help. M&J performs all civil engineering in-house with experienced group of engineers.

M&J's experience:

- Site Development/Layout/Site Work
- Storm Drainage Design/Drainage Systems
- Resiliency, Sustainable and Green Design
- Stormwater Management
- ADA Compliance Analysis and Design
- Parking Lot Layout and Design
- Sidewalks and Curbs
- Bike and Pedestrian Paths
- Parks and Playgrounds
- Stadiums
- Road Reconstruction and Resurfacing
- Cost Estimating
- Construction Management



Water and Wastewater Engineering

M&J has an experienced team of professionals with in-depth experience in all aspects of water supply and wastewater systems, analysis, evaluation, design, permitting, construction, operation and management. The firm provides complete engineering services including source water development, feasibility studies, preparation of plans and specifications, construction inspection, grant and loan assistance, preparation of O&M manuals and community relations/public participation for municipal, private and industrial Clients.



M&J's staff have provided engineering and construction management services for pump stations, force mains, sewer construction, septic systems, leaching fields, septic, denitrification, and sanitary sewage collection systems.

We understand nitrogen pollution from cesspools and septic systems has been identified as the largest single cause of degraded water quality contributing to beach closures, restrictions on shell fishing, toxic algae blooms, and massive fish kills. Nitrogen from conventional on-site septic systems can reach surface waters where it contributes to degradation of our marshes, bays, and beaches. Our engineers are leading the way by providing innovative, cost-effective and sustainable treatment designs, while keeping practical maintenance in mind, including Individual Innovative and Alternative Onsite Wastewater Treatment Systems (I/A OWTS) to reduce the negative

impacts of nitrogen to our surface waters. We are also experienced in septic to sewer conversions to allow neighborhoods to be connected to municipal sewer collection system.

Staff members are experienced in determining the magnitude of the demands for water, evaluating water sources for quality and quantity, designing water supply systems which will deliver a reliable supply of water to the consumer, and conducting water audits and prepare water conservation plans. M&J staff includes experts in the design, construction and operation of groundwater supply wells and surface intake systems. Ground level and elevated storage tanks are designed to meet diurnal demands, stabilizing pressure and providing a source of water during emergency conditions.



Computer analyses of distribution systems are used to determine pipe sizing and pressure throughout the system under various demands and plan necessary improvements. We are experienced in new water main, water main extension as well as water main rehabilitation projects. M&J specializes in the design of water treatment facilities to meet regulatory requirements. Treatment facilities include: countercurrent packed aeration columns and granular activated carbon adsorption units for the removal of volatile organics, countercurrent regenerated ion exchange units for the removal of nitrates, pH adjustment facilities utilizing lime or sodium hydroxide, disinfection facilities using liquid chlorine or sodium hypochlorite, and iron and manganese removal plants using manganese green sand filters.

Stormwater Management

M&J's staff are experts in designing cost effective, environmentally sound stormwater management systems. We pride ourselves on delivering a cost effective, performance-driven solution. Our stormwater management approach is integrated into every phase of planning and design, from layout and grading to the design appropriate stormwater treatment systems such as water quality ponds, grass swales and constructed wetlands.



We specialize in the design of stormwater management, green infrastructure, and water body restoration projects. Doing so takes years of experience and understanding. A number of project elements such as siting, easements, environmental constraints, tree removals, dredging, vegetation type, soil conditions, access, maintenance, etc. all have to carefully weigh in on the planning and permitting process. It takes a multi-disciplined firm to deliver a multi-faceted solution. M&J delivers!

M&J's staff have completed many successful projects over the years involving flood and drainage studies, flood/ponding mitigation, dredging, habitat restoration, stormwater quantity and quality improvement projects. M&J has expertise in all aspects and phases of stormwater quality improvements and drainage design that contribute to the removal of phosphorus including hydrology/hydraulic analysis, sizing and design of storm water quality structures including, inline storm water quality units, constructed wetlands, sedimentation basins, sand filters, rain grades and bio-retention areas in accordance with the proper jurisdictions design manual and requirements.

In addition, M&J's staff are experienced in modeling (HEC-RAS/HMS, HydroCAD, SWMM), determining flow rates, sizing and design of storm sewer infrastructure including spillways, culverts, outfall structures, storm sewer systems, and preparing stormwater pollution prevention plans required for construction. M&J is also familiar with navigating the permitting process that is often involved in storm water management projects, including tidal/freshwater wetlands permitting. M&J works hard to make the often-mundane aspects of storm water management systems blend in their surroundings and even become focal points of the proposed design.



Structural Engineering

M&J offers a wide variety of structural engineering services from preliminary studies, analysis, preparation of contract plans and specifications as well as construction management services. M&J staff has provided professional structural engineering services for public works, municipal and parks facilities.

M&J's experience:

- Bridges and Culverts
- New Concrete Building Structures
- Steel Framed Buildings
- New Antennae
- Concrete Foundation Designs
- Parking Garage Structures
- Pedestrian Bridges
- ADA Structural Upgrades
- Bulkheads
- Boardwalks



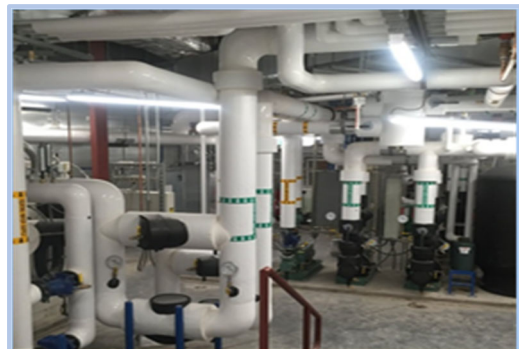
Electrical Engineering/ Lighting



Electrical engineering services have been provided for a range of projects, including tunnels, building, bus kiosks, parking garages, bridge CCTV/VMS systems, DOT and police communication hubs, ventilation systems, and highway and street lighting. Clients have benefited from M&J's ability to include electrical design as an integral part of a comprehensive project approach. Electrical capabilities range from providing preliminary information during feasibility studies to complete point-to-point wiring diagrams for installation.

Mechanical Engineering

M&J's mechanical engineering group provides services to municipalities, recreational and industrial facilities, and commercial businesses. Our mission is to advance the safety and comfort of society through excellence in research and providing designs that exploit the rapidly changing technical diversity of mechanical engineering including modular construction, sustainability, carbon footprint analysis, and life cycle analysis concepts. Our mechanical engineers' value and understand the impact of their work on society.



We can provide expertise in heating systems, power plants, boilers and HVAC systems, machinery, site heating distribution, cogeneration systems, heat recovery systems, odor control, plumbing systems, fire protection systems, machine design, and generalized piping systems. We will provide design experts for plumbing systems that include building drainage systems, building water distribution systems, plant-wide city

water mains, water pressure booster systems, specialty systems such as Reverse Osmosis. These experts include experience in high- and low-rise buildings, industrial, commercial, and retail establishments, hospitals, schools, transit authority, airports, and prisons facilities.

Our experts can assess your needs in your buildings and facilities for adequate fire protection. We will assess your hazards and design the most safe and efficient system for your budget. We can design the most basic sprinkler system, fire standpipe systems, to the most complex special hazard protections such as computer room pre-action, electronic file storage specialty gas systems, industrial systems, and power generation carbon dioxide systems.

Coastal and Marine Engineering



M&J's coastal and marine engineering group is experienced in the planning, design, permitting and construction management of waterfront and shoreline rehabilitation and new infrastructure improvement projects. M&J's staff have completed waterfront and shoreline projects including bulkheads, marinas, groins, piers, jetties, wharves, dry docks, fuel docks, platforms and recreation projects.

M&J is comprised of key staff members who are experienced in municipal, public works, park and recreational facility, and marine projects which include the design of beach nourishment improvements, bulkheads, revetments, living shorelines, seawalls, piers, docks, boardwalks, breakwaters, soft/vegetative improvements, outfalls, culverts, and groins. Extensive experience by M&J personnel in the design and construction of bulkhead, piers, parks and playgrounds, general civil and electrical engineering and site work allows the firm to provide cost-effective services for both renovation/repair and modernization of existing facilities.

Environmental Engineering & Hazard Waste Management

M&J's staff have designed and provided construction management services on many environmental sensitive projects that required in depth analysis and reviewing testing contaminated material for land development, governmental and commercial building facilities, design seaport expansion and maintenance dredging of canals waterways including new control flood structures, levees and dams, mangrove and sea grape mitigation along waterways canals and seaports rehabilitation projects. Apply and obtain Army Corps of Engineers, State Environmental Protection Agency and local Environmental and growth management permits including review and approve contractor's proposed NPDES and SWPPP plans. M&J has provided Environmental Site Assessment type 1 and 2 reports for commercial building, gas stations, industrial building and regular fuel, jet fuel spills and identifies a potential or existing environmental contamination liabilities by taking



pictures, taking soil samples for soil testing and investigation, surface water, stormwater and groundwater sampling, analysis and contamination remediation. Sanitary Sewer spill monitoring and mitigation plans for potential sewage spills onto local street, nearby canal and lakes by gathering expert field crews on site as fast as possible to notify regulatory agencies, make site assessment reports and start cleanup operations such as disinfecting the site and removal of sewage from water body via vacuor trucks.



We are experienced in management of hazardous waste characteristics. M&J staff worked on many seaport and maintenance dredging projects that involved inspection and monitoring removing dredged materials and perform sediments testing for potential contamination of surface water and underground water, handling and hauling contaminated materials such as trash and debris, oil drums, paint cans, old tires and medical waste to the County landfill and specific hazard waste sites. M&J staff has skills and knowledge to coordinate identification of hazardous waste for subsequent handling and hauling materials safely from a contaminated site to the lab or final disposition.

Construction Management and Inspection Services

M&J specializes in all aspects of Resident Engineering, and Construction Management (CM) and Inspection services. Our CM staff have long track records in the construction of new infrastructure and rehabilitation projects for transportation and environmental agencies and authorities, including major and complex bridge and highway and road reconstruction projects, sewer and water installations, wastewater and pump station facilities, tunnels, transit systems, communications and security systems. Our staff has extensive experience with Federal funded and locally let projects and understand the requirements and procedures to ensure our Clients are reimbursed.



M&J's experience:

- Construction Management and Inspection
- Special Inspections
- Scheduling and Construction Cost Estimating
- Condition Inspection and Evaluations
- Community Outreach
- Value Engineering

M&J has a long and solid track record in providing resident engineering and inspection services, allowing us to deliver a project on time and budget with good construction practices. Our staffs' typical approach involves creating a thorough understanding throughout the team of all parts of the project, seeking out technical and/or material issues and risks that may impact the project, addressing them early on before they become major problems. M&J is aware that major infrastructure projects present numerous anticipated and unanticipated challenges. We have delivered many quality infrastructure projects safely, on time and within budget. Our technique/goal is to solve the problem before it occurs. Our extensive infrastructure experience allows us to anticipate a problem and provide the solution before it happens. Our staff includes strong resident engineers and managers who have "been there before" and who can prepare and administer a project control system.



We vigilantly monitor construction for quality, compliance with design, safety, and protection of personnel. When it comes to safety, no one is exempt from working in a safe manner and taking into consideration safety in all aspects of the work. One of the most important aspects of any project is to provide a safe working environment for all employees, residents, pedestrians and the traveling public. Our approach to safety is simple; it involves taking a proactive role by planning ahead and ensuring that work plans are considered and incorporated into the work well in advance.

Design Build Services

M&J's team is composed of design-build professionals that are experienced in all stages commencing from initial concept design thru release for construction design followed by detailed and responsive post design services. Our team has been involved with multiple national recognized Design-Build projects and have experienced all sectors of the process. M&J's approach to quality design and value engineering upholds are client's values and requirements. We believe that Design-Build is a joint and collaborative effort between designer, owner and contractor to uphold the quality of the community and deliver nothing less than the highest product available. Our team has been especially fortunate to experience the design-build process in which includes the volatility of the concept at hand, the value engineering that supports cost savings initiatives and the scheduling requirements in order to meet our client's milestones. M&J's collaboration and teaming with many government agencies and contractors allows creativity that allows for strategic design scenarios in order to implement the best solution. ***Our team's relationship with Florida local agencies provides expedited and efficient solutions for permitting, RW acquisitions and local government collaboration. Our team builds on four main pillars – Safety, Quality, Schedule and Relationship.***

Meet the Florida Team



John Schreck, P.E. – Senior Vice President

Mr. Schreck has over 26 years of experience in overall quality control, project design and management, coordination of engineers, drafters, inspectors, environmental scientists and subconsultants, and Client liaison. Mr. has been working on Florida projects since 2013. His experience spans through a broad range of design and CM experience in civil, environmental, solid waste, and highway engineering disciplines. Mr. Schreck's technical expertise includes design and construction management of stormwater, roadway, highway, wastewater, shoreline protection, and coastal projects.

Sharmin Siddique, P.E.- Vice President

Ms. Siddique has over 25 years of experience in leading complex, multi-disciplinary medium to large scale projects successfully from start-up to close-out on time and within budget. Her technical expertise includes water, wastewater and stormwater engineering design and construction administration services and has provided services to numerous public and private sector clients under multiple assignments and multiple year contracts in FL and NY. Her utilities infrastructure project experience spans through water and sewer authorities for various counties, cities, ports, airports, institutions and site development Clients. Ms. Siddique has led and managed water, wastewater, stormwater, roadways, environmental, structural, mechanical and electrical engineering projects.



Arnold Rubenstein, P.E. – Vice President / Director of ITS



Mr. Rubenstein has over 31 years of experience in all aspects of Intelligent Transportation Systems, Traffic Engineering, Traffic Signal Systems, Traffic Analysis, Adaptive Traffic Control System, Communications, and Software development. Mr. Rubenstein leads the M&J ITS/Traffic/Lighting Design group and has completed numerous Traffic Studies. Some of his signature work includes study recommending standards and developing an evaluation tool for Accessible Pedestrian Signal deployment for Nassau County, standard traffic study for the Porpoise Bridge in Flushing Meadow Parkway, and ATDM Study for the Gowanus and Bruckner Expressways for New York City DOT. Mr. Rubenstein has provided ITS and Traffic Study services for municipalities including the Stamford, New Rochelle, and Norwalk.

Meet the Florida Team (continued)**Alex Constantinides, P.E. – Senior Vice President -Design Build Services**

Mr. Constantinides offers extensive technical and project managerial expertise for supervising complex multi-trade projects and provides a complete array of construction management services including jobsite safety, resources management, estimating, scheduling, project planning and quality control. Some of Mr. Constantinides routine duties include conducting progress meetings, maintaining daily records of contractors' activities including labor, materials and equipment used, managing and supervising inspection personnel, assuring contractor's compliance with contract plans specs and Authority protocols, monitoring Contractor's Safety and enforcing compliance.

Karim Rahmankhah, P.E., M.S.- Senior Project Manager

Mr. Rahmankhah has a diverse engineering design and management background primarily working on water and wastewater projects. He has over 37 years of experience in design, project and construction management, environmental regulations, master planning, budgeting and fiscal planning, writing and negotiating contracts, conducting start-ups, inspection, writing O&M manuals and updating utility standards, making presentations to top management/government officials, security analysis and troubleshooting in both private sector and government sector. Mr. Rahmankhah designed small to large diameter pipeline projects as well as numerous lift stations.

**Aleyma De La Cruz, P.E., C.F.M. – Senior Project Manager**

Aleyma has over 25 years of experience in Civil Engineering, particularly Water Resources Engineering including drainage designs for roadway and airports, water distribution and sewage collection systems. She is also a Certified Flood Plain Manager. Her work experience includes flood protection, and stormwater management design and permitting under several Florida Water Management Districts as SFWMD, SWFWMD and SJRWMD, she has also managed permitting with a variety of other agencies, examples are: Miami Dade Regulatory Economic Resources together with Miami Dade Water and Sewer and Public Work. She is proficient in the use of AdiCPR drainage modeling, MicroStation, Geopack and AutoCAD. Skills includes GIS, Pond Pack, HEC-RAS, Culvert Master, WSPRO, HEC-22, TR-55, FDOT Culvert Service Life Estimator.

Meet the Florida Team (continued)**Claudia Castro – Environmental Scientist**

Ms. Castro is experienced in environmental site inspections, program management, development, implementation and evaluation. She is also experienced in assessing policies, rules and program monitoring for compliance. Ms. Castro coordinates effectively at all levels of the assessment process; all while understanding the policies, theories and practices. She possesses strong leadership skills with the ability to effectively educate and engage individuals and groups on specific policies, to increase awareness and encourage improvements. Ms. Castro provides professional expertise and technical and scientific services, in line with national standards. An Army reserve personnel, Ms. Castro, is result driven with exceptional analytical, organizational and problem-solving skills.

Teng Zhang – Environmental Engineer

Mr. Zhang has been serving as an Environmental Engineer in support of the M&J Engineering projects. Some of his signature environmental services projects are NYSDOT, Kew Gardens Interchange Infrastructure and Operational Improvement Project Grand Central Parkway and MTA LIRR, Third Track Expansion Design/Build Project, Long Island, NY. Mr. Zhang has also worked as an Environmental Inspector on multiple Phase I & II Environmental Site Assessments (ESAs) projects.

**Salvador Gonzalez, E.I. – Engineer**

Mr. Gonzalez has over 5 years of experience in the areas of design and construction administrative services for civil infrastructure projects such as environmental, site development, drainage, water main, reuse main and roadway paving, while working under direct supervision of Senior Engineers and Inspectors. His responsibilities include coordinating with Clients, site visits, compiling data, design computations, preparing engineering plans, preparing technical specifications and performing construction administration services. Mr. Gonzalez also has the following construction certifications: ACI Concrete Field-Testing Technician Grade 1, FDOT Temporary Traffic Control (TTC) Advanced, Concrete Field Technician Level 1, Asphalt Paving Level 1 & 2, OSHA 10 HR Construction Safety, Compaction and Density Testing Certification, Nuclear Gauge Safety Certification and HAZMAT Certification.

Meet the Florida Team (continued)**Dina Landaverde – Civil Engineer**

Ms. Landaverde has over 9 years of experience in Civil Engineering with emphasis in Roadway Design and GIS projects. She demonstrates good judgment and decision-making ability. She also has an extraordinary ability to multitask and prioritize. Ms. Landaverde provides strong analytical expertise and has professional experience in coordinating with project team members including public Stakeholders. She was the Recipient of MESA Math, Engineering, and Science Achievement Program Award. She was also, the Recipient of a certificate from the Jack Baskin School of Engineering at the University of California Santa Cruz in honor and recognition of research project achievement in Engineering.

Javier Garcia – Senior Inspector

Mr. Garcia is a quality Senior Inspector with over 5 years of experience. He is experienced in plan reading, concrete testing and soil testing with nuclear gauge. Mr. Garcia has the following construction certifications: CTQP Earthwork level 1 & 2, CTQP Asphalt Paving Level 1 & 2, Metro Florida Safety Council- (MOT) Intermediate, CTQP Final Estimates Level 1, CTQP Drilled Shaft Inspection, CTQP FDOT Concrete Field Inspector, ACI Level 1, Florida Storm Water Management Inspector, Nuclear Radiation Safety, Traffic signal inspector level 1, Hazard Communication and OSHA 10-Hour Construction Safety.

**Bonny Gonzalez – Marketing Coordinator/Administrative Assistant**

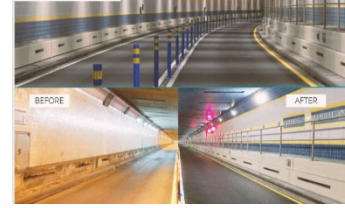
Ms. Gonzalez has over ten years of experience as an administrative assistant. She has supported all levels of engineers within multiple disciplines and locations. Ms. Gonzalez is responsible for assisting in daily administrative tasks and coordinating for marketing activities. She is well versed in computer applications and assists in preparation of proposals and reports. Ms. Gonzalez also participates in Client meetings and conferences as part of marketing activities.

Prominent Signature Projects



Project: Third Track Expansion Design/Build Project
Client: MTA Long Island Rail Road
Status: Ongoing, 2022
Role: Construction Quality Control Services
Const. Cost: \$1.8 Billion

Project: Superstorm Sandy Restoration and Mitigation of the Queens Midtown Tunnel (QM-40)
Client: MTA Bridges and Tunnels
Status: Ongoing, 2019
Role: Construction Inspection Services
Construction Cost: \$293 Million



Project: East Campus Building 2, Fort Meade, MD
Client: U.S. Army Corps of Engineers, Baltimore District / National Security Agency
Status: Ongoing, 2019
Role: Construction Engineering, Design & Associated Engineering Support Services
Construction Cost: \$700 Million

Project: Major Deegan Expressway (I-87) Bridge Rehabilitation
Client: New York State Department of Transportation
Status: Completed, 2018
Role: Construction Inspection Services
Construction Cost: \$134 Million



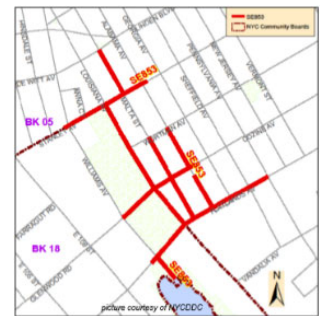
Project: Rehabilitation of 9 Stations on the Sea Beach Line
Client: MTA - NYCT
Status: Ongoing, 2020
Role: Construction Inspection
Const. Cost: \$250 Million

Project: Design/Build for the Installation of an Integrated Electronic Security System and Fire Detection System at the Bronx-Whitestone and RFK Bridge Facilities
Client: MTA Bridges & Tunnels
Status: Ongoing, 2021
Role: Construction Inspection Services
Construction Cost: \$73 Million



Project: Requirements Contracts for Medium Infrastructure Projects, Citywide
Client: New York City Department of Design and Construction
Status: Ongoing, Est. Completion in 2020
Role: Resident Engineering Inspection Services
Construction Cost: \$40 Million

Project: H.L.S.S., Storm, Combined Sewers, Water Main Work in Fresh Creek Basin Area - Phase 2A, Brooklyn
Client: New York City Department of Design and Construction
Status: Ongoing, Est. Completion in 2021
Role: Resident Engineering Inspection Services
Construction Cost: \$35 Million



Florida Office Locations



Coral Gables
2525 Ponce de Leon Blvd., Suite 319
Coral Gables, Florida 33134

Fort Lauderdale Office
5761 N. Andrews Way Ft. Lauderdale, Fl 33309

Boca Raton
1200 North Federal Highway, Suite 200
Boca Raton, Florida 33432

Corporate Office:

2003 Jericho Turnpike
New Hyde Park, NY 11040
Tel: 516-821-7300

Other Offices:

100 Challenger Road, Suite 309
Ridgefield Park, New Jersey 07660

1224 Mill Street, Building B, Suite 224
East Berlin, Connecticut 06023

705 Thompson Park Drive
Cranberry, Pennsylvania 16066

20 F Street, NW 7th Floor, Suite 700
Washington, D.C. 20001

241 18th Street S. Suite 405
Arlington, Virginia 22202

400 Continental Blvd., Suite 600
El Segundo, CA 90245

2525 Ponce de Leon Blvd., Suite 319
Coral Gables, Florida 33134

1200 North Federal Highway, Suite 200
Boca Raton, FL 33432

5761 N. Andrews Way
Ft. Lauderdale, FL 33309

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**AUDITED
INCOME
STATEMENT**

M&J ENGINEERING, P.C. (NY & NJ)

**INDEPENDENT ACCOUNTANT'S REPORT
ON THE CONSOLIDATED COMPARATIVE FINANCIAL STATEMENTS
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017**

M&J ENGINEERING, P.C. (NY & NJ)

**INDEPENDENT ACCOUNTANT'S REPORT
ON THE CONSOLIDATED COMPARATIVE FINANCIAL STATEMENTS
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017**

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INDEPENDENT ACCOUNTANT'S REPORT

To the Board of Directors
M&J Engineering, P.C. (NY) and M&J Engineering, P.C. (NJ)

We have audited the accompanying consolidated comparative financial statements of M&J Engineering, P.C. (NY) and M&J Engineering, P.C. (NJ), which include the consolidated comparative statement of financial position as of December 31, 2018 and 2017; and the related consolidated comparative statement of income and expense; the consolidated comparative statement of cash flows; the consolidated comparative statement of retained earnings; and the consolidated comparative schedule of general, administrative and other overhead expenses for the years then ended; and the related notes to the consolidated comparative financial statements.

Management's Responsibility for the Financial Statements

Management is responsible for the preparation and fair presentation of these consolidated comparative financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free from material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these consolidated comparative financial statements based on our audit. We conducted our audit in accordance with auditing standards generally accepted in the United States of America. Those standards require that we plan and perform the audit to obtain reasonable assurance about whether the consolidated comparative financial statements are free from material misstatement.

An audit involves performing procedures to obtain audit evidence about the amounts and disclosures in the consolidated comparative financial statements. The procedures selected depend on the auditor's judgment, including the assessment of the risks of material misstatement of the combined financial statements, whether due to fraud or error. In making those risk assessments, the auditor considers internal control relevant to the entity's preparation and fair presentation of the combined financial statements in order to design audit procedures that are appropriate in the circumstances, but not for the purpose of expressing an opinion on the effectiveness of the entity's internal control. Accordingly, we express no such opinion. An audit also includes evaluating the appropriateness of accounting policies used and the reasonableness of significant accounting estimates made by management, as well as evaluating the overall presentation of the combined financial statements.

INDEPENDENT ACCOUNTANT'S REPORT (CONTINUED)

We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our audit opinion.

Opinion

In our opinion, the consolidated comparative financial statements referred to above present fairly, in all material respects, the financial position of M&J Engineering, P.C. (NY & NJ) as of December 31, 2018 and 2017, and the changes in their net assets and their cash flows for the years then ended in accordance with accounting principles generally accepted in the United States of America.

TG ASSOCIATES CPAs, PLLC

A handwritten signature in dark ink that reads "TG Associates CPAs, PLLC". The signature is written in a cursive, flowing style.

Delmar, New York

Original Issue Date: April 25, 2019;

Reissued: August 1, 2019

M&J ENGINEERING, P.C. (NY & NJ)
CONSOLIDATED COMPARATIVE STATEMENT OF FINANCIAL POSITION
AT DECEMBER 31, 2018 AND 2017

	ASSETS	
	<u>2018</u>	<u>2017</u>
Current Assets		
Cash	\$ 132,708	\$ 77,896
Accounts Receivable	5,631,491	3,351,324
Unbilled Costs	2,576,564	1,288,482
Prepaid Expenses	4,200	22,495
Total Current Assets	8,344,963	4,740,197
Fixed Assets (Net)	157,007	57,439
Other Assets		
Deferred Costs for Designated Projects	202,892	304,338
Cash Surrender Value of Key Person Insurance	252,498	231,600
Security Deposits	57,759	45,159
Retainage	65,977	65,977
Total Other Assets	579,126	647,074
Total Assets	\$ 9,081,096	\$ 5,444,710
LIABILITIES AND OWNERS' EQUITY		
Current Liabilities		
Accounts Payable	\$ 730,472	\$ 262,776
Bank Line of Credit	3,258,379	2,133,120
Other Accrued Expenses	425,071	153,244
Salaries Payable at End of Year	425,161	186,983
Payroll Taxes Payable	171,699	175,887
Current Portion of Auto Loans	25,466	22,586
Retainage Payable	5,299	-
Total Current Liabilities	5,041,547	2,934,596
Other Liabilities		
Long Term Portion of Auto Loans	152,715	38,460
Notes Payable to Owners	255,434	356,100
Accrued Vacation	458,806	332,515
Total Liabilities	5,908,502	3,661,671
Owners' Equity		
Capital Accounts	12,200	12,200
Additional Paid-in-Capital	400,000	400,000
Retained Earnings at End of Year (See Schedule)	3,340,394	1,950,839
Less: Treasury Stock	(580,000)	(580,000)
Total Owners' Equity	3,172,594	1,783,039
Total Liabilities and Owners' Equity	\$ 9,081,096	\$ 5,444,710

See Independent Accountant's Report and Notes to Financial Statements.

M&J ENGINEERING, P.C. (NY & NJ)
CONSOLIDATED COMPARATIVE STATEMENT OF INCOME AND EXPENSE
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017

	<u>2018</u>	<u>2017</u>
Revenue		
Gross Revenue from SBA 8a Contracts	\$ 2,163,282	\$ 239,720
Gross Revenue from Other Contracts	17,827,183	11,441,141
Gross Revenue Earned from Contracts	19,990,465	11,680,861
Less: Direct Subconsultants Included in Gross Revenue	(2,604,505)	(1,050,827)
Net Revenue	17,385,960	10,630,034
 Less: Direct Contract Cost Excluding Overhead		
Direct Labor (Less Premium OT in Other Direct Costs)	(7,575,704)	(4,711,356)
Other Direct Costs	(259,560)	(149,944)
Total Direct Costs	(7,835,264)	(4,861,300)
 Gross Profit (Net Revenue Less Total Direct Costs)	9,550,696	5,768,734
 Less: General & Administrative Expenses		
General and Administrative Expenses (See Schedule)	(8,121,556)	(5,495,722)
 Net Income (Loss)	1,429,140	273,012
 Other Income		
Interest Earned	-	103
 Net Income (Loss) Before Provision for Income Tax	1,429,140	273,115
 Provision for Corporate Income Tax (NJ)	-	-
 Net Income	<u>\$ 1,429,140</u>	<u>\$ 273,115</u>

See Independent Accountant's Report and Notes to Financial Statements.

M&J ENGINEERING, P.C. (NY & NJ)
CONSOLIDATED COMPARATIVE STATEMENT OF RETAINED EARNINGS
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017

	<u>2018</u>	<u>2017</u>
Retained Earnings — Beginning of the Year	\$ 1,950,839	\$ 1,802,724
Current Period Net Income (Loss)	1,429,140	273,115
Prior Year Adjustments Recorded During the Year	124,539	-
Less: Owners' Capital Withdrawals During the Year	(164,124)	(125,000)
Retained Earnings — End of the Year	<u>\$ 3,340,394</u>	<u>\$ 1,950,839</u>

See Independent Accountant's Report and Notes to Financial Statements.

M&J ENGINEERING, P.C. (NY & NJ)
CONSOLIDATED COMPARATIVE STATEMENT OF CASH FLOWS
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017

	<u>2018</u>	<u>2017</u>
Cash Flows from Operating Activities		
Net Income	\$ 1,429,140	\$ 273,115
Adjustments to Reconcile Net Income to Net Cash Provided by Operating Activities		
Depreciation	59,661	76,653
(Increase)/Decrease in Contract Receivables	(2,360,256)	(80,089)
(Increase)/Decrease in Unbilled Costs	(1,287,882)	137,311
(Increase)/Decrease in Prepaid Expenses	18,295	(18,000)
(Increase)/Decrease in Security Deposits	(12,600)	(2,625)
(Increase)/Decrease in Retainage	0	(21,832)
Increase/(Decrease) in Accounts Payable	467,696	(100,931)
Increase/(Decrease) in Accrued Vacation	126,291	101,802
Increase/(Decrease) in Other Accrued Expenses	271,827	(23,298)
Increase/(Decrease) in Salaries Payable	238,178	(27,378)
Increase/(Decrease) in Payroll Taxes Payable	(4,188)	18,295
(Increase)/Decrease in Deferred Cost	101,446	(304,338)
Total Adjustments for Operating Activities	<u>(2,381,532)</u>	<u>(244,430)</u>
Net Cash Changes From Operating Activities	<u>(952,392)</u>	<u>28,685</u>
Cash Flows from Investing Activities		
Key Person Life Insurance Value Increase Offset to Premiums	(20,898)	(113,022)
Purchase of Fixed Assets	3,509	
Net Cash Provided by Investing Activities	<u>(17,389)</u>	<u>(113,022)</u>
Cash Flows from Financing Activities		
Increase/(Decrease) in Line Of Credit Balance as of December 31	1,125,259	(355,000)
Payments on Notes Issued for the Acquisition of Treasury Stock	(100,666)	(126,000)
Net Cash Used in Financing Activities	<u>1,024,593</u>	<u>(481,000)</u>
Net Increase/(Decrease) in Cash	54,812	(565,337)
Cash – Beginning of the Year	<u>77,896</u>	<u>643,233</u>
Cash – End of the Year	<u>\$ 132,708</u>	<u>\$ 77,896</u>

See Independent Accountant's Report and Notes to Financial Statements.

M&J ENGINEERING, P.C. (NY & NJ)
CONSOLIDATED COMPARATIVE SCHEDULE OF GENERAL, ADMINISTRATIVE AND
OTHER OVERHEAD EXPENSES
FOR THE YEARS ENDED DECEMBER 31, 2018 AND 2017

	<u>2018</u>	<u>2017</u>
Indirect Wages & Salary	\$ 2,859,498	\$ 2,152,178
Paid Time Off	984,311	706,002
Employee Performance Bonus	296,500	173,300
Fringe Benefits & Payroll Taxes	2,045,644	1,306,202
Rent & Utilities	361,200	309,221
Repairs & Maintenance	33,292	15,065
Insurance	107,034	32,877
Depreciation & Leasehold Equipment	60,566	51,009
Depreciation Non-Direct Autos	3,326	25,644
Depreciation Autos	56,335	-
Auto & Travel	208,149	138,024
Telephone, Computers & Internet	157,757	128,907
Professional Services	270,456	98,269
Business & Property Taxes	152,215	23,064
Business Development	97,789	72,289
Finance Charges & Interest	146,336	70,493
Other Meals, Entertainment & Lodging	12,145	9,365
Recruiting	1,348	2,242
Education & Training	19,700	17,837
Metro Commuter Tax	30,477	23,059
Permits, Fees & Licenses	13,666	9,277
Office Expenses*	90,492	50,411
Payroll Processing Fees	47,451	19,937
Contributions	5,846	2,400
Other Expenses	60,023	58,650
Total	<u>\$ 8,121,556</u>	<u>\$ 5,495,722</u>

See Independent Accountant's Report and Notes to Financial Statements.

M&J ENGINEERING, P.C. (NY & NJ)
NOTES TO FINANCIAL STATEMENTS — DECEMBER 31, 2018
(See Independent Accountant’s Report)

Note 1: Summary of Significant Accounting Policies

Nature of Business

M&J Engineering, P.C. was incorporated in New York in 2004. An affiliate with the same majority owner was organized in 2005 in New Jersey (collectively referred to herein as the “Consolidated Company” or the “Company”). The Consolidated Company is a multidisciplinary engineering firm that specializes in construction management, construction inspection services, and the design and management of intelligent transportation information systems. The Company provides services to state and local governmental agencies in New York, New Jersey and Connecticut and to the government of the United States of America. The Company’s component entities are registered as professional engineers in several states. Each firm has the same majority ownership.

Basis of Presentation

The accompanying consolidated financial statements present the activities of M&J Engineering, P.C. (NY) and M&J Engineering, P.C. (NJ) on the accrual basis of accounting. All intercompany transactions have been eliminated in the consolidated financial statements in accordance with U.S. generally accepted accounting principles.

Revenue Recognition

The Company’s engineering and other services are performed primarily under long-term cost type contracts. Revenues are recognized when costs are incurred for cost-type contracts and on a percentage-of-completion method for fixed-price contracts. Anticipated contract losses of the Company are recognized in full when reasonably determined.

Cash

The Company considers all highly liquid investments with a maturity of three months or less when purchased to be cash equivalents. The Company from time to time may maintain cash balances with financial institutions that may be in excess of the FDIC insurance limit.

Accounts Receivable

Accounts receivable represent the excess of contract billings over collection to date. The Company has determined that no provision for delinquent or uncollectible receivables is necessary, based upon the nature of their governmental clientele and historic successful collection of accounts receivable.

Unbilled Cost

The Company accrues estimated billable costs during the month in the accounting system and prepares and processes the invoices in the subsequent month. Unbilled Cost represents costs incurred to date in connection with jobs in progress that have not yet been billed to the client as of the end of each month. When the invoice is prepared and distributed the prior month’s Unbilled Cost is reversed.

M&J ENGINEERING, P.C. (NY & NJ)
NOTES TO FINANCIAL STATEMENTS — DECEMBER 31, 2018 (CONTINUED)
(See Independent Accountant's Report)

Note 1: Summary of Significant Accounting Policies (continued)

Security Deposits

Security deposits represent deposits for office space rented by the Company.

Income Taxes

M&J Engineering, P.C. (NY) has elected under the provisions of the Internal Revenue Service Code to be taxed as a Subchapter S Corporation for Federal, New York State and New York City taxes. M&J Engineering, P.C. (NJ) has not elected to be treated as an S Corporation for New Jersey taxes. For tax purposes, the companies report their income on a cash basis. A provision for income taxes will be estimated representing Federal tax and minimum state and New York City business income taxes sufficient to meet income tax liabilities. No deferred tax liability was recorded for 2018.

The Federal, state and local tax returns of the component entities are generally subject to examination by the Internal Revenue Service, and the state departments of taxation, for three years after the date they are filed. As of December 31, 2018, the Company is not aware that any tax returns are under examination. Taxes are prepared by another CPA firm experienced in small business tax matters.

Fixed Assets

Fixed assets are stated at cost net of accumulated depreciation. The costs of additions and betterments in excess of \$2,500 are capitalized and expenditures for repairs and maintenance are expensed in the period incurred. When items are sold or retired the related costs and accumulated depreciation are removed from the accounts and any gain or loss is included in income.

Depreciation is provided by using the double declining balance (DDB) method over the useful life of the respective assets. The Cost and Book values for the years ended 2018 and 2017 are as follows:

<u>Class</u>	<u>Useful Lives</u>	<u>2018</u>	<u>2017</u>
Computer Equipment	3 Years	\$ 8,217	\$ 7,285
Passenger Vehicles	5 Years	293,268	134,971
Furniture and Fixtures	7 Years	<u>37,325</u>	<u>37,325</u>
Total Cost		\$ 338,810	\$ 179,581
Accumulated Depreciation		<u>\$ 181,803</u>	<u>\$ 122,142</u>
Book Value		<u>\$ 157,007</u>	<u>\$ 57,439</u>

Depreciation expense for the years ended December 31, 2018 and 2017 was \$59,661 and \$27,545, respectively.

M&J ENGINEERING, P.C. (NY & NJ)
NOTES TO FINANCIAL STATEMENTS — DECEMBER 31, 2018 (CONTINUED)
(See Independent Accountant's Report)

Note 1: Summary of Significant Accounting Policies (continued)

Use of Estimates

The preparation of financial statements in conformity with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the amounts reported in the financial statements and accompanying notes. Actual results could differ from those estimates.

Concentration of Credit Risk

The Company's operations are dependent upon governmental infrastructure projects, which represent all the company's revenue. The Company provides engineering services to various state departments of transportation and governmental agencies, and the work is primarily performed in New York, New Jersey, Connecticut, and the metropolitan New York and Washington, D.C. areas. Significant changes in the level of governmental projects could have a favorable or unfavorable impact on the Company's stream of revenue.

Fair Value of Financial Instruments

The carrying values of the Company's short-term financial instruments, such as receivables and payables, approximate their fair values, based on the short-term maturities of these instruments. As of the date of this report there are no investments in financial instruments other than cash in bank accounts and universal life insurance policies on the lives of the owners and key Company management.

Note 2: Prepaid Expenses and Advances

Prepaid expenses as of December 31, 2018 and 2017 of \$4,200 and \$22,495. Respectively, represent prepaid insurance policies and salary advances in accordance with Company policy.

Note 3: Bank Lines of Credit

The Company's revolving line of credit with its bank was increased to \$3,750,000 on July 18, 2018. The line is secured by Company receivables. The borrowing base cannot exceed 85% of the unpaid face amount of all eligible accounts of the Company not more than 120 days from the original date of the invoices. As of December 31, 2018, and 2017, the outstanding amount borrowed was \$3,258,379 and \$2,133,120, respectively.

Note 4: Key Person Life Insurance

The Company maintains Key Person Life Insurance policies on the lives of the four principal owners. The insurance contracts are in the form of variable and whole life insurance policies and the Company is named as the beneficiary. As of December 31, 2018, and 2017, the cash surrender values (CSV) of the policies was \$252,498 and \$231,600, respectively.

M&J ENGINEERING, P.C. (NY & NJ)
NOTES TO FINANCIAL STATEMENTS — DECEMBER 31, 2018 (CONTINUED)
(See Independent Accountant's Report)

Note 4: Key Person Life Insurance (continued)

In accordance with Technical Bulletin 85-4, "Accounting for Purchases of Life Insurance," issued by the Financial Accounting Standards Board, the annual increase in the CSV for the policies is recorded as an increase in the value of the related assets account and the insurance premium account is credited. In the unlikely event that the value of the policies declines, corresponding entries would be made to the asset and expense accounts.

Note 5: Pension and Profit Sharing Plan

The Company offers a 401(k) pension plan that includes Safe Harbor provisions for company contributions and a discretionary, non-elective Profit Sharing provision, payable from earnings or other sources, to recognize high levels of performance of the Company's management and technical workers. Effective January 1, 2018, employees are eligible for enrollment upon completion of 1,000 hours of service within a twelve-month period. The Company matches 100% of each participant's elective contributions up to 4% of their compensation. Employee contributions are limited by the IRS per plan year. The Company accrued \$354,233 and \$153,244, respectively, for contributions to the plan in 2018 and 2017. Accrued amounts are paid into the plan in the subsequent year.

Note 6: Government Contract Matters

Engineers designated to work on government contracts or agreements are required under Federal and state statute to be selected through qualifications-based procedures. Upon designation, prices for contract negotiation, billing and final settlement are based on the Federal Cost Principles included in Part 31 of the Federal Acquisition Regulations (FAR). Certain Cost Accounting Standards (CAS), contract terms and government client policies regarding allowability and allocability of costs also apply. These regulations prohibit the recovery of certain unallowable costs on government contracts. The Company is subject to contract and indirect cost (overhead) rate audits where applicable pursuant to contract terms and governing laws and regulations. Pursuant to the regulations and guidelines, the Company is required to maintain a cost accounting system and procedures to properly segregate project costs and unallowable costs from in the accounting system and records. From time to time, differences in allowability may arise from different interpretations of the regulatory and agency guidance. Upon determination by the affected agencies, recoveries may be requested for amounts in question.

Most of the Company's state and local contracts are subject to termination at the discretion of the governmental clients for budgetary reasons. However, this practice is rare for the types of projects the Company works on due to the size, scope, complexity and duration of the work.

Recently, the Company has been designated to work on design-build and other innovative contracts designed to streamline the planning, design and construction cycle, minimize schedule delays and avoid cost overruns common on construction projects. Innovative contracting arrangements such as design-build work provide for qualifications-based selection of engineering firms as a part of an overall broader competitive process that often includes lump-sum bid pricing and subsequent negotiation of work effort for determining performance tasks and milestones and governing the payment for work performed.

M&J ENGINEERING, P.C. (NY & NJ)
NOTES TO FINANCIAL STATEMENTS — DECEMBER 31, 2018 (CONTINUED)
(See Independent Accountant's Report)

Note 6: Government Contract Matters (continued)

Pre-award and incurred cost audits may be performed by various Federal, state and local governmental agency clients and may include reviews of the Company's indirect cost (overhead) rates, operating systems and cost proposals to ensure that the Company accounts for such costs in accordance with the FAR and CAS. If the governmental agencies determine the Company has not accounted for such costs consistent with FAR and CAS, and other applicable cost allowability criteria, the governmental agency may disallow these costs.

The Company uses every effort to ensure compliance with the accounting requirements. Company management is confident that its cost accounting systems and practices are in compliance with the requirements and is always seeking effective ways to improve the efficiency of the accounting process while maintaining full compliance with the requirements.

Note 7: Rent Commitments and Contingencies

In June 2017, the Company's office facility in New Hyde Park, Long Island, New York was purchased by U.S. Buildings, LLC, a realty and management company organized by a group of certain current principal owners and a former employee of the Company.

Total rent for office space and utilities services for the years ending December 31, 2018 and 2017 was \$361,200 and \$309,221, respectively. Details of the rent arrangements with related parties are described in Note 8 below.

- a) The Company entered a long-term lease with U.S. Buildings, LLC on June 6, 2017 for the Company's New Hyde Park office with an option to renew annually at the end of the term, with certain conditions. Rent payable by the tenant under the lease is limited to specific items including U.S. Buildings, LLC's debt service; real estate and rental taxes, if applicable; utilities; insurance; and reasonable repair/replacement reserves, if applicable. The initial monthly lease payment was established as \$18,000 per month. Parts of the facility are leased to other tenants. Other lease terms may apply.
- b) The company leased office space in Poughkeepsie, New York for \$3,000 per month through the end of the lease term on December 31, 2023.
- c) The Company leased office space in New Jersey, effective December 1, 2014, for a term of five years and 4 months. The monthly rent payment for 2018 was \$5,299.00. The lease expires April 30, 2020. The remaining annual lease commitments for this office are as follows:

2019	\$66,616
2020	\$16,654

M&J ENGINEERING, P.C. (NY & NJ)
NOTES TO FINANCIAL STATEMENTS — DECEMBER 31, 2018 (CONTINUED)
(See Independent Accountant's Report)

Note 8: Related Party Transactions

- A. The Poughkeepsie Office in above Note 7b is owned by a related party.
- B. As referred to in Note 7 above, the Company, certain principal owners of the Company, and a former management employee, are each separately and personally guarantors of the mortgage debt of U.S. Buildings, LLC as well as for the Company's bank. The same parties are also guarantors to funding provided by the New York Business Development Corporation for the portion of the total debt underwritten by the U.S. Small Business Administration.

Note 9: Provision for Income Taxes

The New Jersey company, M&J Engineering, P.C. (NJ), is taxed as a corporation by the Internal Revenue Service and the State of New Jersey. The New York company, M&J Engineering, P.C. (NY), has elected to be taxed under the provisions of Subchapter S of the Internal Revenue Service Code for both Federal and New York State purposes. The New Jersey tax liability is reported on the accrual basis in the consolidated financial statements, which may result in differences from the tax basis of accounting. No liability has been accrued for 2018.

Note 10: Backlog

The Company's backlog totaled approximately \$115,200,000 as of the report date and includes \$90,800,000 for contracts in progress and \$24,400,000 for contracts awarded or designated.

Note 11: Treasury Stock and Related Notes Payable

Effective January 1, 2017, one of the principal owners entered into an agreement to transfer a portion of the owner's stock, comprising shares of both the New Jersey and New York companies a value of \$190,000 for the shares of relinquished for each entity (\$380,000 in total), back to each entity as Treasury Stock, in exchange for a non-interest Note Payable, to be settled through payment of regular amounts over a period of five years.

The Company previously entered into a similar arrangement on December 31, 2014 with a former owner of the New York company whereby the Company agreed to repurchase all of the former owner's shares in exchange for a non-interest-bearing note to be settled by December, 2018. A nominal amount remains outstanding.

Payment on the notes payable are subject to positive results of tests to the Company's credit worthiness measured by the amount of free cash flow to cover a stipulated multiplier of monthly cash needs determined by the Company's bank with the agreement of the parties involved. The total remaining value of Notes Payable to the two parties described above at December 31, 2018 amounts to \$255,434 of the total Treasury Stock transferred valued at \$580,000 per the stock transfer agreements.

M&J ENGINEERING, P.C. (NY & NJ)
NOTES TO FINANCIAL STATEMENTS — DECEMBER 31, 2018 (CONTINUED)
(See Independent Accountant's Report)

Note 12: Deferred Cost

The Company was designated in 2017 to start work on two major multiyear projects that were delayed by the administering agencies. During the year, two highly experienced managers were hired by the Company to serve as liaisons with the agencies and project teams for each project. The managers' primary tasks are to develop and implement project controls, scheduling, staff recruitment plans and operational guidelines for the Company for the construction management and inspection work that is to be performed.

The provisions of Financial Accounting Standards Board's Accounting Standards Update No. 2014-09, Section 340-40-25-5, dated May 2014, require an entity to recognize an asset from the costs incurred to fulfill a contract in the following circumstances:

- a) The costs relate directly to a contract or an anticipated contract that the entity can specifically identify;
- b) The costs generate or enhance resources of the entity that will be used in satisfying performance obligation in the future; and,
- c) Costs are expected to be recovered.

Based on management's analysis of time sheets, work effort and specific benefits to future periods, and expectation that the costs will be recovered as a part of project-related overhead over the life of the contracts once notice to proceed is given, the Company initially recorded a deferred cost of \$304,338 of which one third was charged as expense in 2018 in recognition of the full start-up of the project. It is expected that the remaining balance of \$202,892 will be expensed in equal installments in 2019 and 2020 during the life of the project.

Note 13: Reissue August 1, 2019

After the issuance of our report dated April 25, 2019, Company management decided to award eligible employees a non-elective profit-sharing contribution under its 401(k) plan for the 2018 plan year. Amounts were determined, with the assistance of the pension advisor, in accordance with the U.S. Department of Labor and Internal Revenue Service Regulations. The total amount of the profit sharing allocated of \$173,846 is included in the accrued amount in Note 5 above. Pursuant to IRS Regulations and upon the advice of the Company's outside tax advisor, funding of the contributions to the plan trustee will be made before the income tax extension due date in October 2019.

**PROJECT
PROFILES**

Previous Performance on Related Projects

M&J Engineering has provided professional engineering services in design, permitting, construction administration and inspections of water and sewer pipelines; and lift stations for local, state and federal governmental agencies and private sectors in many states in the Eastern US Region from New York to South Florida.

M&J Engineering professional staff have experience in all type of water main pipeline (distribution, raw water, transmission and water services), gravity sewer pipeline, sewer pipe lining and rehabilitation, force main pipelines and lift stations (new and rehabilitation) engineering projects including planning, design, project management, modeling, permitting, construction administration, cost estimating & project scheduling, We are also experienced with utilities evaluation and condition assessment for efficiency and performance of pipelines & lift stations and prioritizing repair maintenance and/or replacement.

M&J Engineering has successfully completed multiple similar water & sewer; and lift station projects. Even though our firm is new to South Florida, our highly qualified professional local staff with years of local utility design and construction administration services experience will provide high quality professional engineering services for the water & sewer; and lift station design, permitting, construction administration for the City of Hollywood. Below is a list of past similar projects:

1. Replacement of 7980 linear feet of sanitary sewer pipes and 528 feet of water main pipe in Fresh Creek area phase located in 26th Ward District. Brooklyn, New York.
2. Replacement of 8-inch to 12-inch water main pipes and 10-inch sanitary sewer pipe replacement on 239th street between NW 87th avenue and NW 88th avenue, Queens, New York.
3. Installation of 19000 linear feet of water main pipes and 5500 linear feet of sanitary sewer pipes in Pratt avenue area reconstruction. Bronx, New York.
4. Rehabilitation of main sewage pump station in northern Region of Ward Island Wastewater Treatment plant. New York, New York.

Design Services/Construction Management/Construction Inspection Replacement of Main Sewage Pump System at Coney Island WWTP

Owner: New York City Department of Environmental Protection

Prime:

HDR

Location:

Brooklyn, NY

Construction Cost:

\$145 million

Status:

Ongoing

Key Staff:

Jamil Miranda,
Project Manager

Client Contact:

Vatche Minassian
HDR
914- 953- 9864



Highlights:

M&J Engineering is providing construction management/inspection and design services to the New York City Department of Environmental Protection (DEP) for replacement of the main sewage pumps (MSPs) at the Coney Island Wastewater Treatment Plant (WWTP). The current MSP is over 30 years old, and the discharge piping has deteriorated and developed frequent leaks. To avoid catastrophic failure of the piping and the consequential adverse environmental impact, DEP in December 2018 declared an emergency to immediately replace the MSP discharge lines with 36-inch HDPE piping.

The emergency HDPE piping installation is taking place in two phases. The first (Phase 2) includes the replacement of the four discharge lines for MSPs 1 through 4 with 36-inch HDPE piping, routing from the Pump and Powerhouse Buildings through the Screening and Grit Buildings, discharging into the Grit Tank. The second phase (Phase 2A) involves the replacement of the discharge piping on the remaining MSPs, 5 and 6.

- There were no change orders during construction work
- Average turnaround time for request for information: 14 days
- Experience managing State Revolving Fund and American Iron and Steel compliance documentation- N/A

Construction Management Services
Miscellaneous Projects at Various BWT Locations,
Northern Region, PW-094-CM2
Owner: New York City Department of Environmental Protection

Location:

New York City

Construction Cost:

\$45 Million

Status:

Completed All Assignments,
On Time and Within Budget,
Project #PW-094 CM-2

Client Contact:

MD Hossain, P.E.
CM Section-Area Engineer
718-595-5073



Highlights:

M&J Engineering, P.C. provided, as a team member, construction inspection and project controls for the NYCDEP. This project comprised various NYCDEP facilities in the Northern Region in New York City, including the Wards Island Wastewater Treatment Plant (WWTP).

The scope of work included demolition and installation of floor grating in the main sewage pump (MSP) room around the six MSPs; installation of a new 300KVA transformer in the new administration building basement; and repair of ten hopper screw conveyors in the dewatering building, including motor replacement

Assignments included monthly construction management activities such as maintaining the contract requirements, providing the required updated construction reports; submitting evaluations and commenting on reports on the revised/updated construction schedule; and submitting monthly schedule analysis reports with recommendations on the current construction status compared to the approved baseline schedule to the NYCDEP.

M&J's assignments for PW-082 capital project and the job order contract projects comprised several NYCDEP facilities in the Northern Region, including the Wards Island WWTP, the 26th Ward plant, the Bowery Bay WWTP, and the Hunts Point WWTP.

Capital projects included:

- **Contract PW-82, Reconstruction of Dewatering Conveyor Belt System, including electrical motors, motor controls and switch gear at Wards Island, 26th Ward, Hunts Point and Bowery Bay:** The scope of work included necessary labor, materials, and equipment for the reconstruction of the dewatering conveying systems and the electrical components.
- **WI-288, Reconstruction of Six Main Sewage Pumps (MSPs) at Wards Island WWTP:** The scope of work included the necessary labor, materials, and equipment for the reconstruction of the six MSP's,

**Construction Management Services
Miscellaneous Projects at Various BWT Locations,
Northern Region, PW-094-CM2
Owner: New York City Department of Environmental Protection**

which were furnished to the contractor by the city. This work was performed at the pump and blower building.

Job order contract activities included:

- The provision of necessary labor, materials, and equipment for over 40 task orders to support the NYC Pollution Control Programs operation and maintenance of Wards Island WWTP, the 26th Ward plant, Bowery Bay WWTP, and the Hunts Point WWTP.
 - Monthly control management activities such as maintaining the consulting firm/NYCDEP contract requirements. This continuous monitoring provided the project team with insight into the project status and identified any areas requiring additional attention.
 - Tracking, reviewing, and orchestrating project progress and performance measured and analyzed at regular intervals, appropriate events, or exception conditions to identify variances from the contract requirements.
-
- There were no change orders during construction work
 - Average turnaround time for request for information: 14 days
 - Experience managing State Revolving Fund and American Iron and Steel compliance documentation- N/A

Engineering Consulting Services

Client: Miami-Dade Department of Regulatory and Economic Resources (RER)

Location:

Miami, FL

Fees:

\$200,000

Start Date:

2019

End Date:

2021

Client Contact:

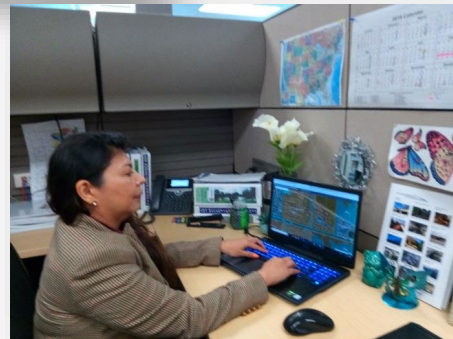
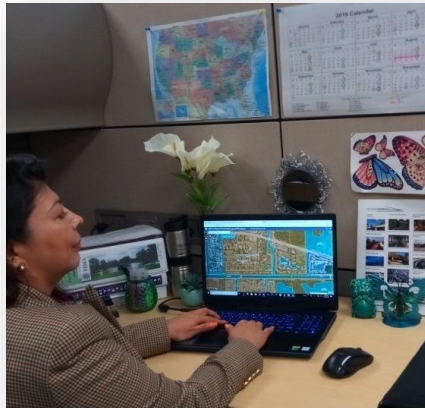
Mario Lopez,

Project Supervisor

(305)372-6556 Office

(305)372-6425 Fax

lopezma@miamidade.gov



Project Description:

M&J Engineering (M&J), is providing Civil Engineering and GIS Services in the preparation of maps, graphs, tables, and database. Typical tasks will include, but not limited to, measuring properties pervious and impervious areas, creating FEMA maps with all the information regarding Special Flood Hazard Zones using ArcGIS Pro, updating the existing stormwater utility database, researching flood zone, working with databases from property appraiser, elevation certificates, permits; filling excel table with all the information found on the FEMA MAP etc.

Tasks and Activities:

The assignments will include, but not be limited to, the following activities:

- Updating database of properties located in special flood hazard areas
- Revising elevation certificates and permits
- Assisting property owners with inquiries on Letter of Map Amendments (LOMA)
- Provide constituents with flood insurance information as it relates to the CRS
- Synthesize a variety of GIS data for use in analysis and mapping.
- Produce high quality cartographic products for reports, meetings, and presentations.
- Develop mapping/property and flood zone analysis
- Provide graphics, maps and figures for reports and public meetings.

Resident Engineering Inspection Services
High-Level Storm Sewers, Storm, Combined Sewers, and
Water Main Work in Fresh Creek Basin Area - Phase 2A
Owner: New York City Department of Design and Construction

Prime:

D&B Engineers & Architects

Location:

Brooklyn, NY

Construction Cost:

\$35 Million

Status:

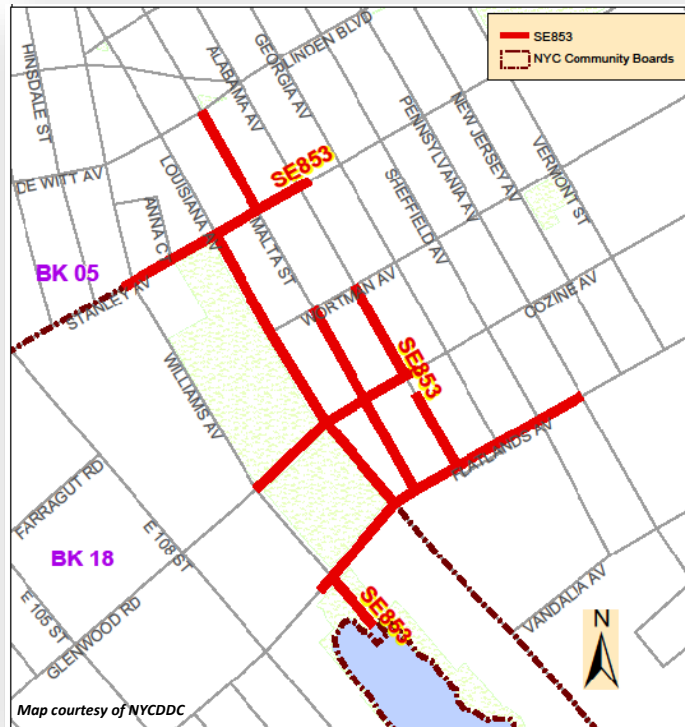
01/2018 – Present (Ongoing)
Est. Completion in 2021

Key Staff:

Project Manager:
Jamil Miranda, P.E.
Senior Inspector:
Mohamed Motwaly

Client Contact:

Robert Raab, P.E.
(516) 364-9890



Highlights:

M&J Engineering, P.C. is providing construction inspection and community liaison services on this New York City Department of Design and Construction contract SE853. Responsibilities include inspection, management, coordination, and administration of the project, from commencement through substantial completion, final acceptance, and project close-out.

This project, located in the 26th Ward District, covers a targeted 443-acre area and will be built in order to reduce by 230 MG/year the CSO discharges to Fresh Creek Basin. The reduction of flow to existing combined sewers will also reduce the load during wet weather to the 26th Ward Wastewater Treatment Plant. The project involves 1.5 miles of new sanitary and storm sewers and 0.1 miles of water main replacement.

The work involves the installation of a high-level storm sewer (HLSS) system, HLSS outfall, and replacement or installation of new separate storm sewers, combined sewers, sanitary sewers, and water mains in the East New York neighborhood. The local combined sewer system is frequently unable to handle the volume of stormwater it receives during storm events and the lack of hydraulic capacity contributes to CSO discharges into Fresh Creek, a tidal inlet of Jamaica Bay. This project is part of the implementation of a larger drainage plan to improve stormwater collection and conveyance in the Starrett City, New Lots, East New York, and Canarsie neighborhoods of Brooklyn and would reduce CSO discharges to Fresh Creek and, in turn, improve water quality.

Additionally, the project includes removal of rubble and debris and invasive species from an approximately 37,107-square-foot area along Fresh Creek Basin and planting native tidal wetland vegetation and coastal upland species as part of a tidal wetland restoration and mitigation project. The restoration will improve the condition and overall quality of wetland habitat on the southwestern shoreline of Fresh Creek Basin.

Resident Engineering Inspection Services
High-Level Storm Sewers, Storm, Combined Sewers, and
Water Main Work in Fresh Creek Basin Area - Phase 2A
Owner: New York City Department of Design and Construction

- There were no change orders during construction work
- Average turnaround time for request for information: 14 days
- Experience managing State Revolving Fund and American Iron and Steel compliance documentation- N/A

WASD Street Paving Rehabilitation Construction Inspection Services (CIS-1)

Client: Miami-Dade Water and Sewer Department (MD-WASD)

Location:

Miami, FL

Fees:

\$400,000

Start Date:

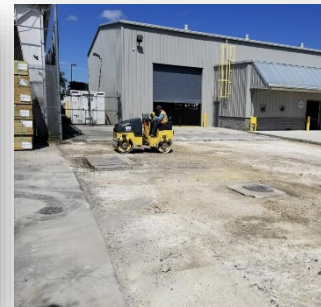
2019

End Date:

Ongoing

Client Contact:

Mayra Espinosa
W&S Construction Support Manager
Water Transmission and
Distribution Division
786-268-5044



Project Description:

M&J Engineering (M&J), is providing Construction Inspection Services by providing Inspectors who will act as asphalt inspectors on behalf of the Miami Dade County Water and Sewer Department and the responsibilities will alternate between preparing and planning work packages for paving Contractors and inspecting, monitoring and reporting Contractors' work. Inspectors will: maintain complete and accurate records of all activities and events related to the Project; identify field conditions and WASD patches, draw and prepare field sketches; interpret plans and sketches, specifications and contract provisions; and maintain an adequate level of surveillance of Contractor activities. All documentation and communications will comply with MD-WASD procedures, formats and content. M&J Inspectors will assure all specifications, standards, plans, permitting, as well as all stormwater pollution prevention measures associated with the project which are conducted by Contractor.

Resident Engineering Services Pratt Avenue Area Reconstruction

Owner: New York City Department of Design and Construction

Location:

Bronx, NY

Construction Cost:

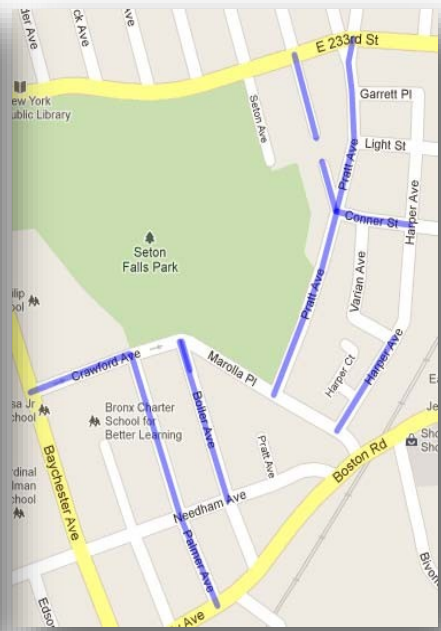
\$11.5 Million

Status:

2011, Completed,
On Time and Within Budget

Client Contact:

Jon Pavlik, P.E.
Engineer-in-Charge
(718) 515-6302



Highlights:

M&J Engineering, P.C., as a subconsultant, provided resident engineering services for the reconstruction of the Pratt Avenue Area in the Bronx, NY. **A significant part of this work included installation and testing of high-pressure watermain.** The project was completed on time and within budget. Project elements included:

- Installation of 19,000 linear feet (LE) of watermain and 4,000 LF of high-pressure watermain, including testing
- Installation, connection, and testing of 50 new fire hydrants and house connections to new watermain
- Sheet piling installation and excavation, installation of vitrified sewer pipe, backfilling, compaction, and placing temporary asphalt
- Installation of 5,500 LF of new combined sewer pipes on cradle
- Installation of 60 catch basins and chute connections
- Construction of roadway pavement and 27,000 LF of concrete and steel-faced curbs
- Construction of 190,000 square feet of unpigmented concrete sidewalk and pedestrian ramps as per NYCDOT specifications
- Construction of concrete road base
- Placement of 10,000 cubic yards of asphalt binder and stone aggregate compacted with a roller
- Roadway striping, new street signs, and installation of streetlights and traffic signals with underground/overhead wiring
- Landscaping work included seeding and planting as per NYCDPR and NYCDOT specifications
 - There were no change orders during construction work
 - Average turnaround time for request for information: 14 days
 - Experience managing State Revolving Fund and American Iron and Steel compliance documentation- N/A

Resident Engineering Inspection Services
Extension of Storm Sewer in 239th Street
Owner: New York City Department of Design and Construction

Prime:

M&J Engineering, P.C.

Location:

Queens, NY

Construction Cost:

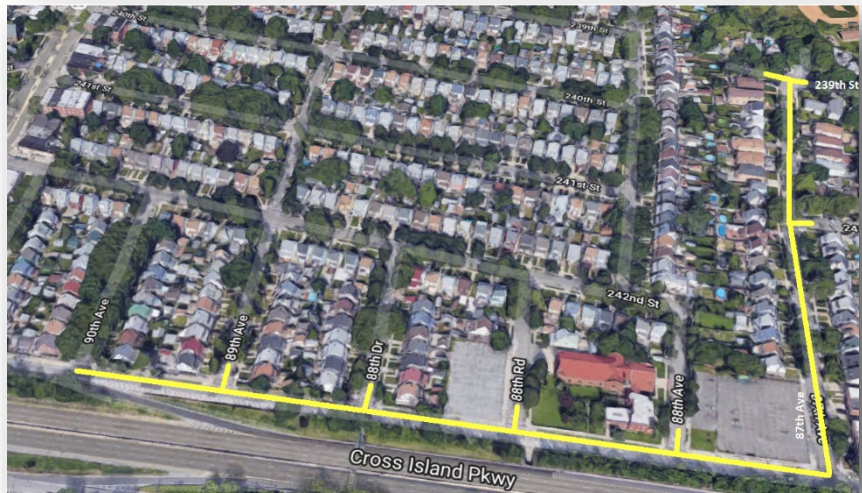
\$7.51 Million

Status:

2018-2020

Client Contact:

Mauro DeVincenzi,
Engineer-in-Charge,
(347) 203-2100



Highlights:

M&J Engineering, PC is providing resident engineering inspection services for New York City Department of Design and Construction project SEQ200531 under the Medium Infrastructure Projects Citywide Requirements Contract HWCRCQ04M. Services being provided include project inspection, management, coordination, and administration, from commencement through substantial completion, final acceptance, and project close-out. The work involves storm sewer extensions including water main work in 239th Street between 87th Avenue and 88th Avenue.

Specifically, the scope includes:

- Reconstruction of 8-inch and 12-inch watermain
 - Reconstruction of 54-inch, 48-inch, 24-inch, and 18-inch storm sewer
 - New 5-foot by 2.5-foot flat top reinforced concrete (FTRC) storm sewer
 - New chambers for the FTRC storm sewer
 - Reconstruction of 10-inch sanitary sewer
 - Fourteen green infrastructure bioswales
-
- There were no change orders during construction work
 - Average turnaround time for request for information: 14 days
 - Experience managing State Revolving Fund and American Iron and Steel compliance documentation- N/A

Miscellaneous Support Services for Civil Engineering Projects

Client: 300 Engineering Group

Location:

Miami, FL

Fees:

\$20,000

Start Date:

February 2019

End Date:

April 2019

Client Contact:

Omar J Herrera

Vice President

300 Engineering Group

305-904-6218



Project Description:

M&J Engineering provided miscellaneous support services for 300 Engineering Group for their Civil Engineering projects. Projects included Pump Station rehabilitations for their municipal Clients. Scope of work involved site visits and data collection, preliminary design and plan production utilizing Civil 3D.

RECENTLY AWARDED PROJECTS

Project Name	Role	Client Name	Award Date	End Date	Project Description
City of Coral Gables: Civil and Environmental Engineering Services	Sub	300 Engineering Group	2019	2021	M&J will be providing the following services: •Environmental Engineering and Hazard Mitigation Strategies: The work will involve the performance of studies and preparation of summary reports for environmental assessments of contaminated sites, proposed land development, transportation improvements, hazard identification, vulnerability analysis, defining of hazard mitigation strategy and implementation of hazard mitigation activities and projects.
City of Miami Gardens: Continuing Architectural/Engineering Services	Sub	CSA Group	2019	2022	M&J will be providing the following services: •CIVIL ENGINEERING, ENVIRONMENTAL Stormwater Engineering to include culverts, open channels, drainage, pump stations, well injections; GIS; Environmental Evaluation; Water and Sewer. •CONSTRUCTION ENGINEERING INSPECTIONS including LAP Projects; Construction Administration •GIS SERVICES Data Collection to include the coordination with the appraiser's office for stormwater fees and the streetlight special taxing district and any tax roll non-valorem fees, updating existing GIS system of the City's Infrastructure and Asset Inventory
South Florida Water Management District: Professional Engineering Services for Gravity Control Structures, Canal/Levee Refurbishment and Low Hazard Impoundment Work Order Contract	Sub	CES Consultants	2019	2022	The project is considered a core mission of the District in maintaining the Central and Southern Florida Flood Control System. Activities under the project may include, but not be limited to gated water control structure refurbishments and replacements, culvert refurbishments and replacements, telemetry enhancements, dredging activities, bank stabilization, building hardening, and levee repairs and replacements. Low hazard water impoundments and associated structures may also be included. The project also consists of design and construction management of associated canal excavation/bank stabilization, control structures, spillways, low hazard impoundments, bridges, monitoring systems, communication towers, control systems and miscellaneous service buildings. Inherent in these activities are the associated features of grading, paving & drainage systems and electrical facility improvements necessary to implement the project. M&J will be providing civil engineering design and construction administration services.
City of Tampa: Professional Engineering Services as Needed	Prime	City of Tampa	2020	2021	M&J will be providing services in the following areas: mechanical; electrical; plumbing; structural; civil engineering; traffic studies; street lighting; signals; roadways; bridges; transportation; public involvement; parking; environmental; site assessments; disaster debris; water; waste water; sewer; storm drainage; facility plan review or subdivision review; design; construction administration, engineering or inspection; scheduling; drafting/CAD services; preparation of plans and specifications for new construction, alterations, maintenance, or repair projects at various buildings to be designated; layouts for transportation, water, sanitary, storm sewer or other construction projects.

**SUB-
CONSULTANT
RESUMES**



Rajaram Vijayendran, PE

Principal Engineer / Project Principal

Education

B.A., 1973
Electrical Engineering
Annamalai University, India

M.B.A., 1984, Finance
Wayne State University, MI

Licenses

Professional Engineer:
Michigan, 1985
Florida, 2007
Arizona, 2008
Indiana, 2013

Certified Public Accountant:
Michigan, 1991

Memberships & Affiliations:

Member, AWWA
Member, WEF

Mr. Vijayendran has over 35 years' experience as Principal Engineer and Project Principal for several capital improvements projects relating to water and wastewater distribution and treatment systems. He has served on the primary client contact on several municipal projects. His expertise also includes preparation of project plan for SRF funding on Wastewater Treatment Plant Improvement Projects.

Relevant Project Experience:

Principal Engineer - Complex II Incinerator Lighting Improvements at Detroit Wastewater Treatment Plant, Detroit, MI

The Dewatering Complex I and II Buildings and Incinerator Complex II building required major lighting improvements. Metco was responsible for completing the design of lighting improvements for the Dewatering Complex II building and provide the entire design for lighting improvements to the Incinerator Complex II building. Furthermore, Metco provided construction phase engineering services for the lighting improvements in both buildings.

Principal Engineer – Master Pump Station 456 Improvements at North Regional WWTP, Broadview, FL

The project involved converting the Master Pumping Station MPS-456 from a wet well pumping system to an in-line pumping system. This required modification to the yard piping and converting the wet well area to a mechanical equipment room for adding new jockey pumps. The station's two existing 100 HP main pumps and their VFD's were replaced with new pumps, motors, VFDs and electric powered discharge valves. Two new 15 HP jockey pumps with VFDs and electric powered discharge valves were added. All HVAC equipment was replaced. The existing 480V MCC, the utility transformer, the 250 KW emergency generator and 400 Amp automatic transfer switch was replaced. All light fixtures, the lighting panel and transformer were replaced.

Principal Engineer – Master Pump Station 450 Improvements at North Regional WWTP, Broadview, FL

The project involved converting the Master Pumping Station MPS-456 from a wet well pumping system to an in-line pumping system. This required modification to the yard piping and converting the wet well area to a mechanical equipment room for adding new jockey pumps. The station's two existing 100 HP main pumps and their VFD's were replaced with new pumps, motors, VFDs and electric powered discharge valves. Two new 15 HP jockey pumps with VFDs and electric powered discharge valves were added. All HVAC equipment was replaced. The existing 480V MCC, the utility transformer, the 250 KW emergency generator and 400 Amp automatic transfer switch was replaced. All light fixtures, the lighting panel and transformer were replaced.

Principal Engineer: Secondary Clarifiers Final Design, Permitting, and Bidding Services at North District WWTP; Miami Dade Water and Sewer Dept.

The project includes providing predesign, detailed design, bidding and permitting services, and engineering services during construction for upgrades to the existing secondary clarification system and odor controls. Metco's scope included design of electrical and HVAC systems for secondary clarifiers and return activated sludge

pumping stations.

Principal Engineer: Effluent Pump Stations Electrical Improvements & Substations 11 & 12 BODR, Detailed Design, Permitting, and Bidding Services at Central District WWTP, Miami Dade Water and Sewer Dept.

The project involved replacement and upgrade of existing medium voltage (5kV) switch gear equipment, primary power transformers, medium voltage VFDs and motors, and low voltage switchgear and MCCs. The scope of work included design of major Electrical, and I&C improvements associated with Effluent Pump Station Upgrade at Central District WWTP.

Principal Engineer: Effluent Pump Stations Electrical Improvements-Pumps 1 thru 6 - BODR, Detailed Design, Permitting, and Bidding Services at South District WWTP; Miami Dade Water and Sewer Dept.

The project involved replacement and upgrade of existing medium voltage (5kV) switch gear equipment, primary power transformers, medium voltage VFDs and motors, and low voltage switchgear and MCCs. The scope of work included design of major Electrical, and I&C improvements associated with Effluent Pump Station Upgrade at Central District WWTP.

Principal Engineer: Headworks Plant 1 and Headworks Plant 2 and Odor Control Systems at Central District WWTP; Miami Dade Water and Sewer Dept.

The project involved replacing all electrical power distribution equipment and all controls. Hydrogen sulfide gas in the plant's headworks areas had been causing severe corrosion in the existing motor control centers and power distribution panels. Two new electrical buildings were designed to provide a contaminant free environment for the new motor control centers, lighting panels, automatic transfer switches, and control panels.

Principal Engineer: Chlorination Facilities Detailed Design, Permitting, and Bidding Services at Central District WWTP; Miami Dade Water & Sewer Dept.

The project involved replacing the plants chlorine evaporators with a more energy efficient sodium hypochlorite disinfection system. The project involved designing a new building for the sodium hypochlorite storage tanks, a pump room for the truck unloading pumps, transfer pumps and metering pumps, also included two satellite buildings with sodium hypochlorite day tanks and metering pumps. In each of the three new buildings, a dedicated electrical room was designed to provide a contaminant free environment for the new motor control centers, lighting panels automatic transfer switches, power distribution panels and control panels.

Principal Engineer: OOL Program - Municipal Injection Wells and Pumping Stations Improvements at Central District WWTP; Miami Dade Water and Sewer Dept.

As part of our overall contract for the program, METCO was tasked to develop Preliminary design Task memorandum and detailed design documents for major Electrical, HVAC, Plumbing and Fire protection System associated with new Injection Well Pump Station and associated Electrical Substations at Central District WWTP of WASD. The new Injection Well Pump Station under OOL Program is designed to pump treated effluent through a pressurized conveyance system to seven new injection wells for final disposal. The new Injection Well Pump Station is comprised of Eight (8)- 900 HP Pumps, each rated for a capacity of 19 MGD.

Principal Engineer: Central District WWTP Plant-Wide Gas Monitoring Study; Miami Dade Water and Sewer Dept.

Involved in field investigations to evaluate the condition of the plant's hydrogen sulfide, ammonia and combustible gas monitoring systems. Identified existing gas sensors that were not functioning, obsolete equipment, and existing gas sensors that were not tied into the plant's SCADA system. Confirmed locations where gas monitoring sensors should be added in accordance with codes and plant safety. Produced a report with recommendations to the Owner.

Principal Engineer: Primary Clarifiers and Odor Control Detailed Design, Permitting, and Bidding Services at North District WWTP; Miami Dade Water and Sewer Department

The project includes providing predesign, detailed design, bidding and permitting services, and engineering services during construction for upgrades to the existing preliminary clarification system and odor controls. Metco's scope included design of electrical and HVAC systems for primary clarifiers and primary sludge pumping stations.

Principal Engineer: Acid/Gas Phase Digestion Modifications; Miami Dade Water and Sewer Department South District WWTP

The project includes providing predesign, detailed design, bidding and permitting services, and engineering services during construction for upgrades to the existing digestion facility, and the construction a new Acid-phase facility.

Principal Engineer: S-331 Pump Station Repowering, Automation, and Gearbox Refurbishment Project; South Florida Water Management District, West Palm Beach, Florida

Provide Engineering Services to design and develop construction documents for the upgrade/improvements to their Pump Station S-331. Replace three (3) existing 225 hp diesel engines with new environmentally compliant electronically controlled engines. Convert the existing stuffing box with a split-face mechanical seal arrangement on all three (3) pumps. Provide new Station Control Center and integrate into Regional Command and Control System for remote pump operations.

Principal Engineer: Emergency Operations Center Data Management Center Chiller/Condenser Replacement, South Florida Water Management District; West Palm Beach, Florida

Provided study and design for a new 156 ton chiller, pumps and piping to serve existing and future loads from CRAC units, building air handling units and proposed future CRAC units and computer cooling equipment. Modify the Chiller and Condenser Rooms as needed to accommodate the new equipment. Modify mechanical piping/systems, electrical and control systems to support the new/replacement equipment.

Principal Engineer: North Regional WWTP Fine Bubble Aeration Basin Conversion; Broward County Water & Wastewater Services

Provide Engineering Services for design, permitting and engineering during the construction for the conversion of the mechanical aeration systems with Modules A, B, and D of the North Regional WWTP to fine bubble aeration systems. His responsibilities include field investigation and preparation of drawings and specifications for electrical system modifications.

Principal Engineer: Structure Inspection Program (SIP) Fiscal Year 2011; South Florida Water Management District, Clewiston Area, Florida

Provided Phase I comprehensive Mechanical Structure Inspection Program (SIP) reports, recommendations and cost estimate for 9 Pumping Stations and 39 Storm Water Control Culverts in the Clewiston area for the South Florida Water Management District (SFWMD) fiscal Year 2011.

Principal Engineer: Structure Inspection Program (SIP) Fiscal Year 2010, South Florida Water Management District; West Palm Beach & Clewiston Area, Florida

Provided Phase I and Phase II comprehensive Mechanical Structure Inspection Program (SIP) reports, recommendations and cost estimate for 2 Pumping Stations and 12 Storm Water Control Culverts in the West Palm Beach and Clewiston area for the South Florida Water Management District (SFWMD) fiscal Year 2010.

Principal Engineer, Pumping Station S-7, South Florida Water Management District; West Palm Beach, Florida

Develop a complete set of as-built electrical and instrumentation diagrams for one Allen Bradley pumping unit capturing all electrical, mechanical, electro-mechanical and electronic components that make up the monitoring system.

Principal Engineer: Alexander Orr Water Treatment Plant; Miami Dade County, Florida

Conducted an Electrical Load Analysis on the 160 MGD, Alexander Orr Jr Water Treatment Plant to evaluate the level of redundancy of their primary power source from the utility agency (FPL). Evaluate and determine the level of redundancy and reliability of the existing Florida power and lighting source. Evaluate and determine

the need for existing spinning reserve arrangement. Perform a cost-benefit analysis to determine the power consumption level above which generator operations will be cost Evaluate the existing generator system to determine the maximum level of process load that can be supported during emergency situation.

Principal Engineer: Evaluation of System Enhancements to Improve Fire Flows in Water Distribution System; Miami-Dade Water and Sewer Department (MDWASD), Miami, Florida

Provided Engineering Services to conduct a water modeling analysis and to identify improvements to meet fire flow requirements of Miami Water Distribution Network by using InfoWater Software. The existing hydraulic model provided by MDWASD has 37,180 fire hydrants and identified fire flow deficiencies in approximately 1,002 hydrants. Fire flow analysis must be established under residual pressure requirements for the 2020 maximum day demand. Responsible for updating the existing model to represent existing hydraulic network as per GIS and As-Built drawings, select the best fire flow improvement alternative and costing of proposed fire flow improvement.

Project Principal: Gulf Stream Master Pump Station Conversion; City of Plantation, Florida

Provided HVAC, plumbing design and bidding services for the design of site improvements at the proposed City of Plantation Gulfstream Master Pump Station Conversion project.

Project Principal: 3C Potable Water Storage Tank, Broward County Water and Wastewater Services; Miramar, Florida

Provided construction phase services for HVAC, Plumbing and Fire Protection Systems which included: Review of contractor submittals including shop drawings, F/P hydraulic calculations, operational and maintenance manuals, testing and balancing reports.

Project Principal: Pump Station 310 Relocation, Broward County Water and Water Services; Fort Lauderdale, Florida

Provided engineering services to prepare design documentation and contract specifications for HVAC, Plumbing, Sprinkler Systems and to provide engineering assistance during the project bidding process.

Principal Engineer, Entrance Road, Scale House, Operations Building Project, Solid Waste Authority; West Palm Beach, Florida

Provide Engineering Services to design and development Construction Drawings and Specifications for the civil/utilities design portion of the project. Also provided Construction Assistance Services.

Education

B.S. M.S., PhD.
Mechanical Engineering

Merida, Venezuela

Licenses

Professional Engineer:
Florida, Michigan, Ohio,
Pennsylvania

Mr. Rosario has over 20 years of experience as a Mechanical Engineer. His experience in bringing projects from design development stage to project completion including heating, ventilation, air conditioning, plumbing and fire protection layout and coordination with architectural, electrical and structural designs.

Relevant Project Experience:

Sr. Project Engineer: Broward County Reclaimed Water Plan Expansion

The NRWTP's existing reclaimed water facilities consist of the following major components: 1) Filter Feed Pumping Station used to divert a portion of the secondary effluent to the reclaimed facilities, 2) Tertiary Filtration with granular upflow filters, 3) Disinfection with chlorine solution injection and mixing in a chlorine contact tank, 4) Storage tanks, and 5) High Service Pumping to distribution system. Mr. Rosario was responsible to review the final documents and drawings on HVAC and Plumbing systems, signed and sealed final permit set. Review and respond to City/Owner comments. Also responsible for the Engineering Services during Construction for the HVAC/Plumbing systems designed.

Sr. Project Engineer: SDWWTP – Clarifiers and HLD (ST-2B) - Chlorine Contact and Generation and Wells PS (ST-2C) for Miami Dade Water and SewerDept.

The project includes providing predesign, and detailed design for the renovation of the South District WWTP - Improvement and Expansion Packages 5, South Treatment 2B (ST-2B) includes improvements to the secondary clarifiers, return activated sludge (RAS) pump stations, transfer pump station, transfer pump station bypass, and deep bed filter facilities. South District Improvement and Expansion Packages 6, South Treatment 2C (ST-2C) includes improvements to chlorine contact tanks, an effluent pump station expansion, connections to three injection wells, overall grading, drainage, and other miscellaneous improvements. His responsibilities include providing basic design parameters such as equipment sizing, hydraulic parameters, and process performance requirements for the SDWWTP.

Sr. Project Engineer: UV System and Related Infrastructure, West Palm Beach Water Treatment Plant (WTP); West Palm Beach, FL

Engineer of Record responsible for providing Engineering Services to develop construction documents for the new building related to Ultraviolet (UV) Light Disinfection treatment at the City's Water Treatment Plant (WTP). Provided construction phase services for HVAC, Plumbing and Fire Protection Systems which included: Review of contractor submittals including shop drawings, F/P system, operational and maintenance manuals, testing and balancing reports.

Sr. Project Engineer: Broward County Reclaimed Water Plant Expansion Project; Broward County, Pompano Beach, FL

Engineer of Record responsible for providing Engineering Services to design and develop construction documents for Heating, Ventilation and Air Conditioning and Plumbing systems for a new filter compressor building and a new concrete building to house new electrical transformer associated with this expansion.

Project Engineer: B-134 Paint Mix Room

Calculated Ventilation Requirements, Designed Duct layout, air distribution device selection, performed outside calculations requirements, HVAC equipment selection, compressed air system connections and new requirements, reviewed final documents and drawings, signed and sealed final permit set.

Highland Pump Station, PWSA; Pittsburgh, PA

As a lead engineer for HVAC and Plumbing engineering, Mr. Rosario is involved in design of all the components of this new pump station, including that for the new chemical storage room. He is working in coordination with other disciplines to design the system that meets the regulatory requirements and is a that operates in an efficient manner.

Springwells Water Treatment Plant Filter Rehabilitation and Auxiliary Facilities Improvements; Detroit, MI

As Project Engineer: METCO has been retained by the GLWA to provide professional engineering services for the replacement of all existing steam, condensate return, compressed air, and natural gas systems, including existing piping and components throughout the entire Springwells Water Treatment Plant. Mr. Rosario is responsible for the design of HVAC systems including ventilation, steam and condensate at this Water Treatment facility.

Project Engineer: Springwells Water Treatment Plant – Steam, Condensate Return and Compressed Air Piping Improvements; Detroit, MI

As Project Engineer: METCO has been retained by the GLWA to provide professional engineering services for the replacement of all existing steam, condensate return, compressed air, and natural gas systems, including existing piping and components throughout the entire Springwells Water Treatment Plant. This 540 MGD WTP is a large complex spread over several acres of property with multiple buildings and intricate infrastructure. The project includes replacement and upgrading of the components not recently replaced or scheduled for replacement under the existing ongoing Contract. METCO developed a detailed basis of design report and design, assisted with bidding and construction phase. As a lead engineer, Mr. Rosario was responsible for complete system assessment, developing detailed BOD, and developing detailed design drawings for the improvements of Compressed Air, Steam, Condensate Return and Natural Gas Piping System as well as various HVAC system upgrades.

Project Engineer: Warren 9 Mile Rd. Detention Basin Facility

Responsible for HVAC/mechanical engineering aspects for a 23-million-gallon Detention Basin with Control and Storage Buildings for the City of Warren. Also includes design for renovations to nearby 9 Mile Pump Station.

Education

B.Tech., 2012, Electrical and Electronics Engineering, JNT University, Hyderabad, India

M.S., 2014, Electrical Engineering, University of Toledo at Toledo, Ohio

Licenses / Registrations:

Fundamentals of Engineering from Florida PE Board

Satya Vangala has over 6 years of experience in electrical engineering experience in design, construction assistance of Electrical, Power Systems, Control and Process Instrumentation Systems for Water and Wastewater pumping and treatment plant facilities.

Relevant Project Experience:

Electrical Engineer for Miami-Dade Central District WWTP Effluent Pumping Station Project; Miami, Florida

Electrical Engineering Design Services to design new Electrical Building as an extension to Existing Effluent Pump station to provide power and Electrical and Instrumentation controls for the existing and New equipment installed under the project.

Electrical Engineer for Miami-Dade South District WWTP Effluent Pump Station No.3 Clarifiers and HLD (ST-2B and ST-2C) as part of Ocean Outfall Legislation; Miami, Florida

Electrical Engineering design services to design a dedicated Electrical Building to have three (3) new 900HP pumps, corresponding power and control equipment. Currently working on the Design Phase of the Project.

Electrical Engineer for Miami-Dade South District WWTP Substation 9,10,11 and 12 upgrades Projects; Miami, Florida

Electrical Engineering design for replacement for Substation 9,10,11 and 12 transformers with 2000KVA transformers and associated low voltage switchgears in the existing Substation buildings. The project is currently in Bidding Phase.

Electrical Engineer for Miami-Dade South District WWTP Plant 1 and 2 Odor Control Upgrades Miami, Florida

The project involved in designing a dedicated Electrical building to provide power for scrubber fans and recirculation pumps located in scrubber buildings for Plant 1 and 2. Assisted in designing the Motor control centers and distribution equipment with Automatic transfer switches and Panelboards along with Lighting and grounding design for the buildings. The project currently in permitting stage.

Electrical Engineer for Construction assistance Miami-Dade South District WWTP Effluent Pumping Station Projects, Miami, Florida

Electrical Engineering Design services to design New Electrical Building as an extension to Existing Effluent Pump Station no.1 to provide Power and controls for the New six (6) 900HP pumps and new process and control equipment being installed in dedicated new Electrical building next to existing building. The project is currently in Construction Phase and assisting with the Engineering services during construction.

Electrical Engineer for Miami-Dade Central District WWTP Industrial Injection well Pump Station (CE-1) as part of Ocean Outfall Legislation TA03; Miami, Florida

The project involves designing the complete Electrical power and controls for Ten (10)- 900HP Effluent Pumps operating at 4160V level along with house service transformers for process, HVAC and Lighting loads for the entire pump station.

This project involves designing substation transformers to power Medium voltage Switchgears and all pumps are controlled by arc resistant VFDs and control elements. This project currently in design.

Electrical Engineer for Construction assistance Miami-Dade Central District WWTP Chlorination Project Miami, Florida

The project involved replacing the plants chlorine evaporators with a more energy efficient sodium hypochlorite disinfection system. The project involved designing a new building for the sodium hypochlorite storage tanks, a pump room for the truck unloading pumps, transfer pumps and metering pumps. The project design also included two satellite buildings with sodium hypochlorite day tanks and metering pumps. In each of the three new buildings, a dedicated electrical room was designed to provide a contaminant free environment for the new motor control centers, lighting panels automatic transfer switches, power distribution panels and control panels. The project construction is completed.

Electrical Engineer for Construction assistance Miami-Dade Central District WWTP Headworks Project Miami, Florida

The project involved replacing all electrical power distribution equipment and all controls. Hydrogen sulfide gas in the plant's headworks areas had been causing severe corrosion in the existing motor control centers and power distribution panels. Two new electrical buildings were designed to provide a contaminant free environment for the new motor control centers, lighting panels, automatic transfer switches, and control panels. Currently assisting in Construction Progress for this project.

Electrical Engineer for Construction assistance Miami-Dade North District WWTP Primary and Secondary Clarifiers Miami, Florida

The project involved replacing Clarifier motors, Motor Control Centers in associated Pump station buildings and replacing Lights and Receptacles along with Fire alarm devices. Assisted in Electrical Engineering Design process for upgrades in Primary and Secondary Clarifiers at North District Wastewater Treatment plant. Currently assisting in Engineering services during construction for Primary Clarifiers and Secondary Clarifiers Odor Control Upgrades.

Electrical Engineer for Miami-Dade Central District WWTP Substation 7A,8A,9A and 10A Replacement Miami, Florida

The project involved replacing the existing substation transformers along with 1500HP Compressor motor at Oxygen building with 1750HP motor and design of new Substation with Substation transformers to power Compressor motor with two soft starters combination with a contactor cabinet unit. The project also includes providing power for existing Motor Control centers along with new arc resistant motor control centers and power distribution equipment. This project is currently in Bidding.

Electrical Engineer for Miami-Dade Central District WWTP Plant 1 RAS Pump Stations 1, 2, 3 Upgrades Miami, Florida

The project involved replacing the existing RAS Pumps and associated 480V Motor control centers at Plant 1 RAS Pump Stations 1 thru 3 with Arc resistant units installed above the elevated platform to comply with Sea Level rise requirements. Replaced the primary feeders from the Low voltage Switchgears along with Lights and Receptacles.

**Electrical Engineer for Construction assistance Miami-Dade South District
WWTP Acid Phase, Cluster 1 and Cluster 2 Upgrades Project Miami, Florida**

The project involved replacing the plants Acid Phase and Digester clusters Motors also the addition of a dedicated Electrical room with all the control equipment installed. All the process locations are categorized accordingly per NFPA 820 Hazardous area classifications. Each of the control buildings and Digester building levels, Lighting, Receptacles, Local control panels and power distribution equipment inside the Electrical rooms are being installed. Currently assisting This project with Engineering services during construction.

**Design Engineer for Fiber Optic Replacement project at Westerly WWTP;
Cleveland, Ohio**

Provided Design Engineering services for the Westerly Plant Fiber Optic Replacement using 7 New Patch Panels replacing the existing ones with Single Mode Fiber Optic cables. Provided Engineering services during construction phase. The project construction is completed.

Resumes

Hugo E. Soto, P.E. Principal/Quality Review

PROFESSIONAL EXPERIENCE

Hugo Soto has 40 years of experience providing geotechnical engineering, construction materials testing, inspection and consulting services. Geotechnical services include geotechnical design, analyses and recommendations related to the design and construction of foundations as well as geotechnical exploration programs. He is well versed in performing analysis and evaluation of field and laboratory data, in-situ soil testing, in-place permeability testing and geophysical explorations.

As Principal and Office Manager of the Miami Lakes office, Hugo has managed/supervised multiple contracts for both private and public sector clients. Clients include but are not limited to: Miami-Dade County, Miami Dade College, Florida Department of Transportation (FDOT) Districts 4 and 6, Florida International University, City of North Miami, Miami-Dade County Public Schools, Baptist Health South Florida, Florida Keys Aqueduct Authority, and Jackson Health System.

PROJECT EXPERIENCE

New Sewage Lift Stations – Hollywood, FL

Principal Engineer. Four new sewage lift stations were planned to be constructed on Funston, Buchanan, McKinley, and Sheridan Streets. The scope of work involved exploration of subsurface soil conditions, laboratory testing and recommendations. The purpose of these services was to provide information and geotechnical engineering recommendations relative to subsurface soil conditions, earthwork, groundwater conditions, and foundation design and construction.

Miscellaneous Professional Services Agreements (PSAs) with Miami-Dade Water and Sewer Department (WASD) – Various Locations County-wide, Miami-Dade County, FL

Principal/Contract Manager. Terracon was issued a PSA to provide geotechnical services, special inspections, structural assessments, soils, foundations and materials testing services related to the improvement, upgrades and expansions of water and wastewater treatment plants, pump stations, collection, distribution and transmission piping, and all related facilities as necessary to ensure quality control (QC)/assurance for WASD's capital improvement projects.



EDUCATION

Master of Science in Geotechnical Engineering, Utah State University, 1980

Bachelor of Science in Civil Engineering, Utah State University, 1979

REGISTRATIONS

Professional Engineer, #56108, Texas, 1994

Professional Engineer, #36440, Florida, 1985

AFFILIATIONS

American Society of Civil Engineers

Cuban Society of Engineers

YEARS OF EXPERIENCE: 40

YEARS AT FIRM: 12

Hugo E. Soto, P.E. (continued)

8-inch Force Main Replacement and Pump Station 9141 Upgrade, PortMiami - Miami-Dade County, FL

Principal Engineer/Geotechnical Project Manager. Subsurface study and geotechnical engineering recommendations were provided for the proposed new 10-inch diameter force main pipeline to be installed between Pump Station 9141 on the Port side (Dodge Island) to a point of connection on the mainland (City of Miami). The proposed pipeline will replace the existing 8-inch diameter force main which runs partially affixed to the Port Boulevard bridge. Terracon is currently providing construction materials engineering testing services WASD that include soils testing, concrete testing, and asphalt concrete testing.

6-Inch D.I. Force Main, Miami-Dade County WASD, Miami, FL

Principal Engineer. WASD wanted to install a 6-inch D.I. force main from the existing sewer PS-746 to the intersection of SW 156th Street and US-1 at the Village of Palmetto Bay. Hugo served as Principal Engineer for the services provided by Terracon including subsurface exploration to determine the subsurface conditions along the 6-inch D.I. force main corridor and geotechnical recommendations for foundation design and construction of the proposed force main.

SL-3A.1-SP-1 Transmission Force Main Phase 1/ SL-3B.1-SP-1 South Suction Force Main, Ocean Outfall Legislation Program (OOL) – Miami-Dade County, FL

Principal Engineer. A transmission force main is planned to be installed from PS 1 (SW 136th Street, West of SW 137th Avenue) to approximately the intersection of SW 152nd Street and SW 137th Avenue. The force main will be installed using trenchless construction methods under SW 152nd Street, under the CSX railroad, and under SW 136th Street. Terracon provided geotechnical exploration, laboratory testing, and geotechnical engineering recommendations to assist in the design and construction of the proposed project.

36-inch Water Main Installation - Miami, FL

Principal Engineer. A new 36-inch water main was installed by WASD that provides improved water pressure and expanded service reliability to south Miami-Dade County. The project involved the installation of the water main along Southwest 152 Street between 112 to 137 Avenues in Miami, Florida. A part of the department-wide 20-year, \$13.5 billion Capital Improvement Program (CIP), this investment will last upwards of 50 years. Terracon provided construction materials engineering and testing services as a prime consultant to WASD during the installation of the water main. The scope of work included field and laboratory testing and analysis as well as on-site observation and monitoring services.

South District Wastewater Treatment Plant (SDWWTP) - Miami-Dade County, FL

Principal Engineer. Responsible for the vibration monitoring program that was performed at the SDWWTP to monitor the impact of Pump Nos. 13, 14, and 15 on the Effluent Pump Station No. 2 Building. The firm provided a vibration monitoring program that consisted of recording the vibration magnitude readings. During construction Proctor tests, gradation tests, density tests, and concrete tests were conducted.

Resumes

Rutugandha “Rutu” H. Nulkar, P.E. Senior Engineer

PROFESSIONAL EXPERIENCE

Rutu has been practicing geotechnical engineering in South Florida for more than 16 years. A State of Florida-registered professional engineer, she has managed several public and private sector contracts during her career. Her geotechnical consulting capabilities include providing services for various types of projects including buildings, roadways, bridges, and drilled shaft inspections.

Rutu has performed geotechnical analysis and provided recommendations for design of shallow and deep foundation systems for bridges and buildings, and slope stability analyses for levees and canals. She also has over 16 years of construction materials testing and verification experience working on numerous Florida Department of Transportation (FDOT) projects and districtwide materials contracts. She has worked as an in-house geotechnical consultant with the District Materials Research Office (DMRO). Additionally, Rutu has led several geotechnical and materials testing contracts for the City of Fort Lauderdale, Palm Beach County, Broward County, and various School Districts located in South Florida.

PROJECT EXPERIENCE

New Sewage Lift Stations - Hollywood, FL

Senior Engineer. Four new sewage lift stations were planned to be constructed at: Funston Street east of State Road (SR) 7; Buchanan Street east of SR 7; McKinley Street east of SR 7; and off Sheridan Street east of SR 7. Terracon provided the subsurface exploration and geotechnical recommendations for project design and construction. The evaluation involved exploration of subsurface soil conditions, laboratory testing and preparation of the geotechnical report. The purpose of these services was to provide information and geotechnical engineering recommendations relative to: subsurface soil and rock conditions; earthwork; groundwater conditions; and foundation design and construction.

48-inch Diameter Water Main Downtown Loop Closure - Miami, FL

Project Manager. The 48-inch diameter water main will be constructed under railroad tracks and roadway at the Miami Loop, along NW 12th Street between NW 1st Avenue West and NW 1st Avenue East. Terracon provided geotechnical exploration services including drilling borings. The purpose of these services was to provide subsurface field exploration, laboratory testing information, and geotechnical engineering recommendations to assist in the design and construction of the water main.



EDUCATION

M.S., Civil Engineering,
University of Florida, 2004

B.S., Civil Engineering, V.J.T.I.
Matunga, Mumbai, India, 2001

REGISTRATIONS

Registered Professional Engineer,
Florida #70625

AFFILIATIONS

American Society of Civil Engineers
(ASCE)

Florida Engineering Society (FES)

Florida Engineering Society/Florida
Institute of Consulting Engineers
Leadership Institute

YEARS OF EXPERIENCE: 16

YEARS AT FIRM: 16

Rutugandha “Rutu” H. Nulkar, P.E. (continued)

City of Hollywood Community Redevelopment Agency (CRA) Streetscapes - Hollywood, FL

Project Engineer/Manager. Responsible for the construction materials testing services that were provided for the general contractor. The CRA’s project consists of converting three blocks of overhead public utilities to underground including TV, phone and power with hardscape beatification. It also includes beach access street-end public amenities tied to the Hollywood Boardwalk, paver streets and sidewalks, fountains, wood trellises, mosaic paver inserts, decorative street pole lighting and landscaping installed along with underground utilities, drainage water and sewer service tied to private residences. Terracon’s scope of services consisted of field and laboratory testing services including field and density tests, moisture density tests, Limerock Bearing Ratio (LBR) tests, concrete testing, unconfined compressive strength tests, and asphalt testing.

Re-use Pipelines and Watermain Extensions - Davie, FL

Project Manager/Engineer. The Town of Davie was upgrading its utility systems to allow for growth that was anticipated from two major redevelopment initiatives within the Town utility area. Terracon completed a program of subsurface exploration in connection with the re-use pipelines and water main extensions. The firm also provided engineering services during construction, on an as-needed basis, for the project including: laboratory moisture-density relationship tests for materials used for the utility trench backfill; LBR and carbonate tests on the base course materials; in-place density testing on the utility trench backfill and base course materials; and corrosivity testing on in-situ soils disclosed during trenching on utility lines along Broward County roads.

Nova Southeastern University (NSU) Master Drainage Plan Project Phase II – Davie, FL

Project Manager/Engineer. Three conceptual master stormwater management systems were developed for three portions of NSU’s main campus which is spread over 314 acres. Terracon provided construction materials testing services during Phases IIA and IIB. The scope of work included soil density testing and concrete compressive strength testing along with associated laboratory and field testing services.

Terminal Island Force Main, MacArthur Causeway - Miami Beach, FL

Project Engineer. Terracon provided geotechnical exploration for a 10-inch force main that was planned to be installed using jack and bore crossing across the MacArthur Causeway project on Terminal Island, near the Florida Power & Light (FPL) Miami Beach Plant, in Miami Beach, Florida. The project may also include pavement repair/rehabilitation work. Borings were performed to a depth of 25 feet at each end of the proposed project. The purpose of Terracon’s services was to provide subsurface field exploration, laboratory testing information, and geotechnical engineering parameters to assist in the design and construction of any repairs.

Roberto Biosca

Engineering Technician

PROFESSIONAL EXPERIENCE

Roberto specializes in the practice of construction materials testing field. He currently works for Terracon's South Florida region. Roberto, a CTQP-certified technician, specializes in the practice of construction materials testing and inspection, concrete field and earthwork observation services. Proficient in nuclear density testing, has received additional training through Terracon for nuclear moisture density testing.

PROJECT EXPERIENCE

Hallandale Beach Water Treatment Plant (WTP) - Hallandale Beach, FL
Engineering Technician. Improvements are needed at the Hallandale Beach WTP that is located at 630 NW 2nd Street. Terracon is performing soils and concrete testing on an as needed basis for the project. Roberto is providing compressive strength testing which entails obtaining samples of fresh concrete at the placement locations, performing required field tests and cast and cure, and test compressive strength samples.

North Banana River Boulevard Emergency Sanitary Sewer Repair - Cocoa Beach, FL

Engineering Technician. This project involved the emergency repair of the sanitary sewer along North Banana River Boulevard from West Alachua Lane to South Shepard Drive. Terracon provided construction materials testing services for the project. Our scope of work in the field included verification for compliance with contract documents of the items incorporated into the project limited to operations related to earthwork operations. Roberto performed field density testing.

Fire Station 95 - Coral Spring, FL

Engineering Technician responsible for construction materials testing and observation services during construction for the multi-family condominium project.

NE 3rd Avenue - Deerfield Beach, FL

Engineering Technician for field work including earthwork observation and testing services.

I-95 Project Phase 3A-2 – Broward and Palm Beach Counties, FL

Engineering Technician for field work including earthwork and concrete testing services.

I-95 Project Phase 3B-1– Broward and Palm Beach Counties, FL

Engineering Technician for field work including earthwork and concrete testing services

TIN No. B20072064

CERTIFICATIONS

CTQP Concrete Field Technician, Level 1

CTQP Earthwork Construction Inspection, Level 1

CTQP Drilled Shaft Inspection

ACI Concrete Field Testing Technician, Grade 1

102 Hazardous Materials DOT Training – Portable Nuclear Density Gauge

YEARS OF EXPERIENCE: 2.5

YEARS AT FIRM: 2.5

Denis Sanchez, QCM

Engineering Technician

PROFESSIONAL EXPERIENCE

Denis specializes in the practice of construction materials testing field. He currently works for Terracon's South Florida region. Denis, a CTQP-certified technician, specializes in the practice of construction materials testing and inspection, concrete field and earthwork observation services. Proficient in nuclear density testing has received additional training through Terracon for nuclear moisture density testing.

PROJECT EXPERIENCE

Southwest Airlines Terminal 1 (T1), Fort Lauderdale-Hollywood International Airport (FLL) - Broward County, FL

Engineering Technician responsible for providing laboratory testing services, including concrete cylinder and beam testing, for the modernization program for Terminal 1.

Fire Station 95 - Coral Spring, FL

Engineering Technician responsible for construction materials testing and observation services during construction for the multi-family condominium project.

NE 3rd Avenue - Deerfield Beach, FL

Engineering Technician for field work including earthwork observation and testing services.

NSU Residence Hall - Davie, FL

Engineering Technician for field work during the construction of the 7-story building including earthwork, concrete, and grout testing services.

I-95 Project Phase 3A-2 – Palm Beach and Broward Counties, FL

Engineering Technician for field work including earthwork and concrete testing and inspection services.

I-95 Project Phase 3B-1– Palm Beach and Broward Counties, FL

Engineering Technician for field work including earthwork and concrete testing and inspection services

HEFT, Various Locations in FL

Engineering Technician for field work including earthwork and concrete testing and inspection services

TIN No. S52216085

CERTIFICATIONS

CTQP Earthwork Construction Inspection, Level 1

CTQP Earthwork Construction Inspection, Level 2

CTQP Concrete Field Technician, Level 1

ACI Concrete Field Testing Technician, Grade 1

QC Manager

102 Hazardous Materials DOT Training – Portable Nuclear Density Gauge

YEARS OF EXPERIENCE: 3
YEARS AT FIRM: 3



Pete Diaz, PSM

Sr. Surveyor

Pete has 34 years of experience covering all aspects of surveying and mapping, from field to office analysis/processing. His extensive experience spans the areas of control surveys, topographic surveys, design surveys, boundary surveys, digital terrain modeling, global positioning system (GPS), boundary dispute resolution, ROW mapping, as-built surveys, bathymetric surveys, mean high-water surveys, and static and mobile LiDAR scanning.

He is also familiar with GIS (developing database schema, data management, training/supervising staff in ArcMap data entry and editing). Over his career, Pete has worked for FDOT at District 6 as both the District Surveyor and Survey Project Manager, and at District 4 as the ROW Mapping Section Leader.



Industry Experience

34 years



Education

High School Diploma



Professional Registrations & Certifications

Professional Surveyor & Mapper, State of Florida

Management Academy

Supervisors Academy

CPM Course - Levels I & II

Mutual Gains Negotiations

Resolving Interpersonal Conflict

FDOT District 4 Negotiations Process

FDOT District 4 Consultant Invoice Trans

FDOT District 4, Continuing Services for Surveying, Mapping and SUE, Sr. Surveyor

FRA provides as-needed surveying, mapping, and SUE support to District 4 on this 5-year \$5 million districtwide contract. Services provided include static and mobile LiDAR, Historical Baseline and Existing R/W Determination, GPS Surveys, Topographic Surveys and DTM, General Land and Aerial Photography Survey, Monumentation Surveys, Bathymetric Surveys, Utility Designation and Excavation including GIS files, Tree Surveys, R/W Control Survey Maps, R/W Maps, Maintenance Maps, R/W Monumentation Maps, Boundary Surveys, Quality Assurance Reviews, Title Search Plotting Maps, Sketches, Parcel Staking, and Legal Descriptions. FRA used terrestrial LiDAR to scan certain areas on this project. LiDAR data was acquired, extracted, and post processed. Using artificial intelligence, FRA automatically extracts assets, such as trees and street signs from the LiDAR point cloud.

FRA also provided SUE and surveying services to locate identified utilities and designate sufficient locations to delineate the existing underground utilities. The designation and location were performed via GPR. Field crews used tablets with Survey 123 and automated dropdown menus to collect all required information. This information is sent in real-time to the office for QA/QC and to begin CAD work. The final deliverable to the client included 3D Test Hole Reports with thorough utility information, such as a description, pipe size, utility owner, condition, horizontal and vertical location, a sketch of the surrounding area, photos, and GPS coordinates for use in GIS databases.

E15-DTPW-07: Miscellaneous Professional Services Agreements to Provide General Land and Engineering Surveying Services, Sr. Surveyor

Under a Professional Services Agreement, FRA provided as needed general surveying services for design and construction projects in Miami-Dade County. Some of the task work orders included: WASD Gravity Sewer along NW 27th Avenue between NW 107th Street & NW 123rd Street, Tree Island Park Final Plat for T-Plat 23432, Fire Station #24, Air Rescue South, SW 328th Street from SW 187th Avenue to US 1. FRA provided Topographic Surveys, Boundary Surveys, Specific Purpose survey Maps, Temporary and Final Plats.

FRA also provided SUE and surveying services to locate identified utilities and designate sufficient locations to delineate the existing underground utilities. The designation and location were performed via GPR. Field crews used tablets with Survey 123 and automated dropdown menus to collect all required information. This information is sent in real-time to the office for QA/QC and to begin CAD work. The final deliverable to the client included

3D Test Hole Reports with thorough utility information, such as a description, pipe size, utility owner, condition, horizontal and vertical location, a sketch of the surrounding area, photos, and GPS coordinates for use in GIS databases. During the contract, over 110 test holes were performed.

FDOT D4, Design Services for SR 15 from S of Morgan Road to S of Shirley Drive, Project Surveyor (2017- Present)

Pete serves as project surveyor for this 1.5-mile complete design project that combines ground survey with aerial photography. Survey efforts includes the recovery of the historical baseline and determining the ROW lines along the entire corridor. Horizontal and vertical control is provided by FDOT. FRA's scope also includes the DTM survey of the off-pavement areas and the adjacent canal.

FDOT D4, Design Services for SR 9/I-95 at SR 808/Glades Road Interchange Improvements, Project Surveyor

Pete serves as the Project Surveyor for this 1.5-mile-long project and is responsible of supervising the horizontal and vertical control survey. FRA is also performing topographic/DTM and underground utility survey within the interchange and the Boca Raton Perimeter Road. Pete was also involved in the recovery of the baseline of survey along Perimeter Road (owned by City of Boca Raton). FRA is currently preparing a right-of-way map to reflect the FDOT acquisition at this intersection. In addition, FRA performed the 3D survey (bridge modelling) for four bridges at this interchange.

FDOT D4, Broward Mobility Project - Miramar/Hollywood, Project Survey

Design Project providing ground survey support including obtaining ROW lines for two corridors. The scope includes Horizontal and Vertical Control, re-establishing the Historical Baseline of Survey, preparing PNC Sheets, providing ground survey support for the Topographic/DTM Survey, and providing underground utility survey. FRA is part of the Protean Design Group Team.

E15-WASD-03B: Design of a Small Diameter Water & Wastewater Pipelines for WASD's Wastewater & Water Collection, Transmission & Distribution System, Sr. Surveyor

The overall project is part of WASD's Multi-Year Capital Improvement Plan to provide comprehensive engineering services for utility design for system upgrades to small water and sewer pipelines. Using

mobile LiDAR, FRA scanned photographic images and provided a 3D Topographic survey of NW 37th Avenue from NW 36th Street to NW 82nd Street. LiDAR data was acquired, extracted, and post processed. FRA delivered the required MicroStation.dgn, CADD, and Geopak files.

FRA also provided SUE and surveying services to locate identified utilities and designate sufficient locations to delineate the existing underground utilities. The designation and location were performed via GPR. Field crews used tablets with Survey 123 and automated dropdown menus to collect all required information. This information is sent in real-time to the office for QA/QC and to begin CAD work. The final deliverable to the client included 3D Test Hole Reports with thorough utility information, such as a description, pipe size, utility owner, condition, horizontal and vertical location, a sketch of the surrounding area, photos, and GPS coordinates for use in GIS databases. During the contract, 29 test holes were performed.

E15-WASD-01: Design of Large Diameter Water & Wastewater Pipelines for WASD's Wastewater & Water Collection, Transmission & Distribution System, Sr. Surveyor

This project included the design of large diameter pipelines (36-inch or larger in diameter). Some of the task work orders included: 42-Inch Water Transmission Main between Biscayne Boulevard & NW 5th Street to PortMiami, 42-Inch Water Pipelines (NOOLP) Group B, SL-2.1 - SP Transmission Force Main, Phase 3, and CDWWTP & NDWWTP Outfall Bathymetric Survey.

FRA has provided Topographic and Bathymetric Surveys. Bathymetric soundings were performed along the Black Creek Canal (C-1W). FRA provided multi-beam sonar Bathymetric Surveys of the outfall pipelines up to 3 miles offshore for both the Central and North District Wastewater Treatment Plants.

FRA also provided SUE services. FRA designated and marked the areas where test holes were performed. Designated/marked lines were surveyed and incorporated into the Survey File using WASD approved codes. FRA coordinated with each utility agency to identify the location of all existing underground utilities. FRA performed 49 vacuum excavation Test Holes to confirm the location of the underground utility lines in conflict with the proposed 36-inch water line. Test Hole Reports were prepared detailing the pipe (utility) information, including diameter, material, and the depth of the top and bottom pipe cover.



Antonio Diaz

Sr. SUE Technician

Antonio has specialized in the location, designation, and protection of subsurface utility systems for the past 20 years. He is the lead designator with over 500 projects completed in Florida. Antonio has established dynamic working relationships with most of the utility owners and representatives in South Florida, having coordinated project challenges and utility locations on projects.



Industry Experience

20 years



Education

High School Diploma



Professional Registrations & Certifications

Florida Intermediate Training
- ATSSA

Certified Master Scuba Diver

WorkZone Traffic Control
Intermediate Level

Confined Space Entry Training
Program

FDOT District 4, Continuing Services for Surveying, Mapping and SUE, Sr. SUE Technician

FRA provides as-needed surveying, mapping, and SUE support to District 4 on this 5-year \$5 million districtwide contract. Services provided include static and mobile LiDAR, Historical Baseline and Existing R/W Determination, GPS Surveys, Topographic Surveys and DTM, General Land and Aerial Photography Survey, Monumentation Surveys, Bathymetric Surveys, Utility Designation and Excavation including GIS files, Tree Surveys, R/W Control Survey Maps, R/W Maps, Maintenance Maps, R/W Monumentation Maps, Boundary Surveys, Quality Assurance Reviews, Title Search Plotting Maps, Sketches, Parcel Staking, and Legal Descriptions. FRA used terrestrial LiDAR to scan certain areas on this project. LiDAR data was acquired, extracted, and post processed. Using artificial intelligence, FRA automatically extracts assets, such as trees and street signs from the LiDAR point cloud.

FRA also provided SUE and surveying services to locate identified utilities and designate sufficient locations to delineate the existing underground utilities. The designation and location were performed via GPR. Field crews used tablets with Survey 123 and automated dropdown menus to collect all required information. This information is sent in real-time to the office for QA/QC and to begin CAD work. The final deliverable to the client included 3D Test Hole Reports with thorough utility information, such as a description, pipe size, utility owner, condition, horizontal and vertical location, a sketch of the surrounding area, photos, and GPS coordinates for use in GIS databases.

FDOT D4, Lyons Road from C-14 Canal to Sawgrass Expressway, Sr. SUE Technician

This project involved an off-system MPO bicycle and sidewalk mobility project that required the widening of the existing pavement between 4 and 7 feet to add bike lanes. The scope includes Horizontal and Vertical Control, recovering the Historical Baseline of Survey, preparing PNC Sheets, ground survey support for the Topographic/DTM Survey, and providing Underground Utility Survey. FRA used terrestrial LiDAR to scan this project. LiDAR data was acquired, extracted, and post processed.

City of Miami Beach, Citywide Surveying, Topographical & Mapping Services, Sr. SUE Technician

FRA provided surveying and mapping services to the City of Miami Beach in this multi-task, multi-year survey and SUE contract. Tasks included preliminary engineering surveys; Boundary Surveys; Legal Descriptions; R/W Survey; Specific Purpose Survey; Topographical Surveys; General Land and Aerial Photography Surveying; Coastal Construction Control Line;

Mean High Water Line; Submerged/Filled Lands; GPS and GPR Surveys; and Horizontal and Vertical Control Points. FRA provided Elevation Certificates for 18 of the City of Miami's properties, including the police sub station, fire station, community center, garden center and conservatory, and Colony Theater. FRA provided a Topographic Survey on A1A from 5th St to 14th St, extending 50' at every intersection. The Topographic Survey showed existing R/W Lines, Section Lines, trees with a trunk diameter of 3 inches or more, and all above ground features. A Topographic Survey and Map of Survey of the Maintenance Yard Facility was prepared using a Leica P20 HD.

FDOT D4, Districtwide Utility Location Services & Districtwide Underground Utility Services Contract, Sr. SUE Technician

Dennis, as the Project Manager, provided all the necessary services to designate, locate by excavation, survey, and map existing surface and subsurface utilities to support the design of construction plans on projects selected by the Department. Exact horizontal and vertical locations of existing underground utilities were provided by way of electromagnetic, sonic, and other geophysical location techniques including vacuum excavation. FRA was awarded two consecutive contracts!

FDOT D4, I-595 Corridor Roadway Improvements, Design-Build, Sr. SUE Technician

This project was the winner of the People's Choice Award in the 2015 America's Transportation Awards competition. This \$1.2 billion project relieved traffic congestion and created a multimodal transportation network along I-595 in South Florida. Through a public-private partnership, design and construction teams completed the project on time and \$275 million below the originally estimated cost of the project. FRA served as a subconsultant to the ACS Dragados/EarthTech team for this project, and Dennis served as the SUE Project Manager. The area of this project extended from the I-75/Sawgrass Expressway interchange to the I-595/I-95 interchange in central Broward County, for a total project length of 10.5 miles. The project consisted of the reconstruction, addition of auxiliary lanes and resurfacing of the I-595 mainline (including associated improvements to frontage roads and ramps), and a new reversible express lanes system in the I-595 median. Under Dennis's direction, FRA provided SUE services to support the design and construction for 15.5 miles of the interstate highway system. FRA provided designation

of all requested underground utilities by means of electromagnetic and GPR. In addition, we provided utility locations using the vacuum excavation method for 1,500 possible utility conflicts. Our in-house surveying group is providing the necessary survey support, so we may deliver a stand-alone product certified by a Professional Land Surveyor. The schedule of this project was very demanding, FRA was required to complete all required SUE work within the first six months of the design. We completed all work on-time!

E15-WASD-03B: Design of a Small Diameter Water & Wastewater Pipelines for WASD's Wastewater & Water Collection, Transmission & Distribution System, Sr. SUE Technician

The overall project is part of WASD's Multi-Year Capital Improvement Plan to provide comprehensive engineering services for utility design for system upgrades to small water and sewer pipelines. Using mobile LiDAR, FRA scanned photographic images and provided a 3D Topographic survey of NW 37th Avenue from NW 36th Street to NW 82nd Street. LiDAR data was acquired, extracted, and post processed. FRA delivered the required MicroStation.dgn, CADD, and Geopak files.

FRA also provided SUE and surveying services to locate identified utilities and designate sufficient locations to delineate the existing underground utilities. The designation and location were performed via GPR. Field crews used tablets with Survey 123 and automated dropdown menus to collect all required information. This information is sent in real-time to the office for QA/QC and to begin CAD work. The final deliverable to the client included 3D Test Hole Reports with thorough utility information, such as a description, pipe size, utility owner, condition, horizontal and vertical location, a sketch of the surrounding area, photos, and GPS coordinates for use in GIS databases. During the contract, 29 test holes were performed.



Dennis Stanton

Subsurface Utility Engineering Director

Dennis has specialized in Subsurface Utility Engineering (SUE), Utility Coordinating, and protection of subsurface utility systems for 30+ years. He has performed utility investigations with a variety of electronic detection devices, survey equipment, and air/vacuum excavators on numerous projects throughout Florida. He has supervised over 10,000 test holes and more than 1,000,000 utility feet of designating.



Industry Experience

30 years



Education

BA, Liberal Arts, Old Westbur



Professional Registrations & Certifications

Florida Intermediate Training
- ATSSA

RedVector's Understanding
Subsurface Utility Engineering
WorkZone Traffic Control
Intermediate Level

Confined Space Entry Training
Program

FDOT District 4, Continuing Services for Surveying, Mapping and SUE, SUE Manager

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FDOT D4, Lyons Road from C-14 Canal to Sawgrass Expressway, SUE Manager

This project involved an off-system MPO bicycle and sidewalk mobility project that required the widening of the existing pavement between 4 and 7 feet to add bike lanes. The scope includes Horizontal and Vertical Control, recovering the Historical Baseline of Survey, preparing PNC Sheets, ground survey support for the Topographic/DTM Survey, and providing Underground Utility Survey. FRA used terrestrial LiDAR to scan this project. LiDAR data was acquired, extracted, and post processed.

City of Miami Beach, Citywide Surveying, Topographical & Mapping Services, SUE Manager

FRA provided surveying and mapping services to the City of Miami Beach in this multi-task, multi-year survey and SUE contract. Tasks included preliminary engineering surveys; Boundary Surveys; Legal Descriptions; R/W Survey; Specific Purpose Survey; Topographical Surveys; General Land and Aerial Photography Surveying; Coastal Construction Control Line; Mean High Water Line; Submerged/Filled Lands; GPS and GPR Surveys; and Horizontal and Vertical Control Points. FRA provided Elevation Certificates for 18 of the City of Miami's properties, including the police sub station, fire station, community center, garden center and conservatory, and Colony Theater. FRA provided a Topographic Survey on A1A from 5th St to 14th St, extending 50'

at every intersection. The Topographic Survey showed existing R/W Lines, Section Lines, trees with a trunk diameter of 3 inches or more, and all above ground features. A Topographic Survey and Map of Survey of the Maintenance Yard Facility was prepared using a Leica P20 HD scanner, creating a 3D model of the facility.

FDOT D4, Districtwide Utility Location Services & Districtwide Underground Utility Services Contract, SUE Project Manager

Dennis, as the Project Manager, provided all the necessary services to designate, locate by excavation, survey, and map existing surface and subsurface utilities to support the design of construction plans on projects selected by the Department. Exact horizontal and vertical locations of existing underground utilities were provided by way of electromagnetic, sonic, and other geophysical location techniques including vacuum excavation. FRA was awarded two consecutive contracts!

FDOT D4, I-595 Corridor Roadway Improvements, Design-Build, SUE Project Manager

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SUE work within the first six months of the design. We completed all work on-time!

E15-DTPW-07: Miscellaneous Professional Services Agreements to Provide General Land and Engineering Surveying Services, SUE Manager

Under a Professional Services Agreement, FRA provided as needed general surveying services for design and construction projects in Miami-Dade County. Some of the task work orders included: WASD Gravity Sewer along NW 27th Avenue between NW 107th Street & NW 123rd Street, Tree Island Park Final Plat for T-Plat 23432, Fire Station #24, Air Rescue South, SW 328th Street from SW 187th Avenue to US 1. FRA provided Topographic Surveys, Boundary Surveys, Specific Purpose survey Maps, Temporary and Final Plats.

FRA also provided SUE and surveying services to locate identified utilities and designate sufficient locations to delineate the existing underground utilities. The designation and location were performed via GPR. Field crews used tablets with Survey 123 and automated dropdown menus to collect all required information. This information is sent in real-time to the office for QA/QC and to begin CAD work. The final deliverable to the client included 3D Test Hole Reports with thorough utility information, such as a description, pipe size, utility owner, condition, horizontal and vertical location, a sketch of the surrounding area, photos, and GPS coordinates for use in GIS databases. During the contract, over 110 test holes were performed.

E15-WASD-03B: Design of a Small Diameter Water & Wastewater Pipelines for WASD's Wastewater & Water Collection, Transmission & Distribution System, SUE Manager

FRA provided SUE and surveying services to locate identified utilities and designate sufficient locations to delineate the existing underground utilities. The designation and location were performed via GPR. Field crews used tablets with Survey 123 and automated dropdown menus to collect all required information. This information is sent in real-time to the office for QA/QC and to begin CAD work. The final deliverable to the client included 3D Test Hole Reports with thorough utility information, such as a description, pipe size, utility owner, condition, horizontal and vertical location, a sketch of the surrounding area, photos, and GPS coordinates for use in GIS databases. During the contract, 29 test holes were performed.



Lis Tolstoy, PSM

Survey Director

Lis is a highly-motivated professional with over 25 years of surveying and mapping experience. Her experience has included high-pressure management roles that required the prioritization and planning of work activities to not only meet, but also exceed, productivity standards. Her extensive experience covers the areas of design surveys, geodetic control, right-of-way control survey and mapping, maintenance, monumentation maps, and 3D static and mobile LiDAR scanning systems.



Industry Experience

25 years



Education

BS, Land Surveying Engineer
UDELAR University



Professional Registrations & Certifications

Professional Surveyor &
Mapper, State of Florida

FDOT District 4, Continuing Services for Surveying, Mapping and SUE, Sr. Surveyor

FRA provides as-needed surveying, mapping, and SUE support to District 4 on this 5-year \$5 million districtwide contract. Services provided include static and mobile LiDAR, Historical Baseline and Existing R/W Determination, GPS Surveys, Topographic Surveys and DTM, General Land and Aerial Photography Survey, Monumentation Surveys, Bathymetric Surveys, Utility Designation and Excavation including GIS files, Tree Surveys, R/W Control Survey Maps, R/W Maps, Maintenance Maps, R/W Monumentation Maps, Boundary Surveys, Quality Assurance Reviews, Title Search Plotting Maps, Sketches, Parcel Staking, and Legal Descriptions. FRA used terrestrial LiDAR to scan certain areas on this project. LiDAR data was acquired, extracted, and post processed. Using artificial intelligence, FRA automatically extracts assets, such as trees and street signs from the LiDAR point cloud.

FRA also provided SUE and surveying services to locate identified utilities and designate sufficient locations to delineate the existing underground utilities. The designation and location were performed via GPR. Field crews used tablets with Survey 123 and automated dropdown menus to collect all required information. This information is sent in real-time to the office for QA/QC and to begin CAD work. The final deliverable to the client included 3D Test Hole Reports with thorough utility information, such as a description, pipe size, utility owner, condition, horizontal and vertical location, a sketch of the surrounding area, photos, and GPS coordinates for use in GIS databases.

City of Miami Beach, Citywide Surveying, Topographical & Mapping Services, Sr. Surveyor

FRA provided surveying and mapping services to the City of Miami Beach in this multi-task, multi-year survey and SUE contract. Tasks included preliminary engineering surveys; Boundary Surveys; Legal Descriptions; R/W Survey; Specific Purpose Survey; Topographical Surveys; General Land and Aerial Photography Surveying; Coastal Construction Control Line; Mean High Water Line; Submerged/Filled Lands; GPS and GPR Surveys; and Horizontal and Vertical Control Points. FRA provided Elevation Certificates for 18 of the City of Miami's properties, including the police sub station, fire station, community center, garden center and conservatory, and Colony Theater. FRA provided a Topographic Survey on A1A from 5th St to 14th St, extending 50' at every intersection. The Topographic Survey showed existing R/W Lines, Section Lines, trees with a trunk diameter of 3 inches or more, and all above ground features. A Topographic Survey and Map of Survey of the Maintenance Yard Facility was prepared using a Leica P20 HD scanner, creating a 3D model of the facility.

FDOT D4, Broward Mobility Project - Miramar/Hollywood, Right-of-Way Specialist and Survey Leader

Lis served as the Right-of-Way Specialist and Survey Leader for this 6-mile design project providing ground survey support, including obtaining right-of-way lines for two corridors. The scope included horizontal and vertical control, re-establishing the historical baseline of survey, preparing PNC sheets, providing ground survey support for the topographic/DTM survey and providing underground utility survey.

FDOT D4, NE Broward Mobility Project - Pompano Beach/Deerfield Beach, Right-of-Way Specialist and Survey Leader

Lis served as the Right-of-Way Specialist and Survey Leader for this 5-mile design project providing ground survey support, including obtaining right-of-way lines for two corridors. The scope included horizontal and vertical control, re-establishing the historical baseline of survey, preparing PNC sheets, providing ground survey support for the topographic/DTM survey and providing underground utility survey.

E15-DTPW-07: Miscellaneous Professional Services Agreements to Provide General Land and Engineering Surveying Services, Sr. Surveyor

Under a Professional Services Agreement, FRA provided as needed general surveying services for design and construction projects in Miami-Dade County. Some of the task work orders included: WASD Gravity Sewer along NW 27th Avenue between NW 107th Street & NW 123rd Street, Tree Island Park Final Plat for T-Plat 23432, Fire Station #24, Air Rescue South, SW 328th Street from SW 187th Avenue to US 1. FRA provided Topographic Surveys, Boundary Surveys, Specific Purpose survey Maps, Temporary and Final Plats.

FRA also provided SUE and surveying services to locate identified utilities and designate sufficient locations to delineate the existing underground utilities. The designation and location were performed via GPR. Field crews used tablets with Survey 123 and automated dropdown menus to collect all required information. This information is sent in real-time to the office for QA/QC and to begin CAD work. The final deliverable to the client included 3D Test Hole Reports with thorough utility information, such as a description, pipe size, utility owner, condition, horizontal and vertical location, a sketch of the surrounding area, photos, and GPS coordinates for use in GIS databases. During the contract, over 110 test holes were performed.

FDOT D6, DW Construction Engineering Inspection (CEI) Consultant Surveys, Sr. Surveyor

This multi-task CEI contract was to provide services to verify both existing pre-construction and post-construction conditions, to ensure design criteria was met by the contractors. As a Prime consultant, FRA provided survey and mapping support to the District. This task work order contract involved field surveys for construction projects, including re-establishment of survey Baselines, Control Points, Benchmarks, Drainage Surveys and Bridge Data, Original and Final Cross-Sections, Mast Arm Bearings, and Bathymetric Surveys, among other scopes.

E15-WASD-03B: Design of a Small Diameter Water & Wastewater Pipelines for WASD's Wastewater & Water Collection, Transmission & Distribution System, Sr. Surveyor

The overall project is part of WASD's Multi-Year Capital Improvement Plan to provide comprehensive engineering services for utility design for system upgrades to small water and sewer pipelines. Using mobile LiDAR, FRA scanned photographic images and provided a 3D Topographic survey of NW 37th Avenue from NW 36th Street to NW 82nd Street. LiDAR data was acquired, extracted, and post processed. FRA delivered the required MicroStation.dgn, CADD, and Geopak files.

FRA also provided SUE and surveying services to locate identified utilities and designate sufficient locations to delineate the existing underground utilities. The designation and location were performed via GPR. Field crews used tablets with Survey 123 and automated dropdown menus to collect all required information. This information is sent in real-time to the office for QA/QC and to begin CAD work. The final deliverable to the client included 3D Test Hole Reports with thorough utility information, such as a description, pipe size, utility owner, condition, horizontal and vertical location, a sketch of the surrounding area, photos, and GPS coordinates for use in GIS databases. During the contract, 29 test holes were performed.

INSURANCE & LICENSES

Tab 4



INSURANCE REQUIREMENTS

The insurance policy shall not contain any exceptions that would exclude coverage for risks that can be directly or reasonably related to the scope of goods or services in this bid/proposal. A violation of this requirement at any time during the term, or any extension thereof shall be grounds for the immediate termination of any contract entered in to pursuant to this bid/proposal. In order to show that this requirement has been met, along with an insurance declaration sheet demonstrating the existence of a valid policy of insurance meeting the requirements of this bid/proposal, the successful proposer must submit a signed statement from insurance agency of record that the full policy contains no such exception.

The City reserves the right to require additional insurance in order to meet the full value of the contract.

The City reserves the right to require any other insurance coverage it deems necessary depending upon the exposures.

HOLD HARMLESS AND INDEMNITY CLAUSE:

M&J Engineering P.C.

(Company Name and Authorized Signature, Print Name),

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.

M&J Engineering P.C.

(Company Name and Authorized Signature, Print Name),

further certifies that it will meet all insurance requirements of the City of Hollywood and agrees to produce valid, timely certificates of coverage.

OTHER CONSIDERATIONS

Copies submitted may not be viewed until 30 days after opening date or notice of intent to award is posted.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)

6/11/2020

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 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 Fenner & Esler Agency, Inc 467 Kinderkamack Road P. O. Box 60 Oradell NJ 07649-0060		CONTACT NAME: certs@fenner-esler.com PHONE (A/C, No, Ext): (201)262-1200 FAX (A/C, No): (201)262-7810 E-MAIL ADDRESS: kesler@fenner-esler.com															
INSURED M&J Engineering, PC 2003 Jericho Tpke New Hyde Park NY 11040		<table border="1"> <thead> <tr> <th>INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A: Charter Oak Fire Insurance Co.</td> <td>25615</td> </tr> <tr> <td>INSURER B: The Travelers Indemnity Co.</td> <td>25658</td> </tr> <tr> <td>INSURER C: The Phoenix Insurance Co.</td> <td>25623</td> </tr> <tr> <td>INSURER D: Admiral Insurance Company</td> <td>24856</td> </tr> <tr> <td>INSURER E: Navigators Insurance Company</td> <td>42307</td> </tr> <tr> <td>INSURER F: Evanston Insurance Company</td> <td>35378</td> </tr> </tbody> </table>		INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A: Charter Oak Fire Insurance Co.	25615	INSURER B: The Travelers Indemnity Co.	25658	INSURER C: The Phoenix Insurance Co.	25623	INSURER D: Admiral Insurance Company	24856	INSURER E: Navigators Insurance Company	42307	INSURER F: Evanston Insurance Company	35378
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COVERAGES

CERTIFICATE NUMBER: Master20-21 19-20

REVISION NUMBER: DN

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 <input checked="" type="checkbox"/> Includes Contractual & XCU coverage per GEN'L AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PRO-JECT <input type="checkbox"/> LOC OTHER:			660-9L075603-COF-19 policy terms & conditions includes coverage within 50' of RR	10/17/2019	10/17/2020	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 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 Valuables Papers \$ 500,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS			BA-6N90199A-19-GRP	10/17/2019	10/17/2020	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
B	UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED <input checked="" type="checkbox"/> RETENTION \$ 10,000			CUP-9J502479-19-47 MKLV1EUE100635 Excess/Excess	10/17/2019	10/17/2020	EACH OCCURRENCE \$ 10,000,000 AGGREGATE \$ 10,000,000 each occurrence/aggregate \$ \$5M/\$5M
C	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 <input checked="" type="checkbox"/> N/A		UB-9J502191-19-47-G *Includes USL&H Coverage	10/17/2019	10/17/2020	<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
D	Prof & Pollution Liability			EO000043505-03	3/16/2020	3/16/2021	Per Claim/Aggregate Limit \$5M/\$5M
E	Excess Professional Liability			CE20MPLZ04L45IV	3/16/2020	3/16/2021	Per Claim/Aggregate Limit \$5M/\$5M

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

RE: Hollywood Beach Utility Improvements

Additional Insured - Certificate Holder as respects general, auto and excess liability where required by written contract. Should any of the above described policies be cancelled before the expiration date thereof, the issuing insurer will endeavor to mail 30 days written notice to the certificate holder named, but failure to do so shall impose no obligation or liability of any kind upon the insurer, its agents or representatives.

CERTIFICATE HOLDER

CANCELLATION

City of Hollywood, Florida Office of the City Clerk 2600 Hollywood Boulevard Hollywood, FL 33020	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 Kevin Esler/DEBBIE
---	---

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ACORD 25 (2014/01)

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INS025 (201401)

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Ron DeSantis, Governor



STATE OF FLORIDA

BOARD OF PROFESSIONAL ENGINEERS

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

J & M ENGINEERING, P.C.

180 BAYVIEW AVENUE
EAST ISLIP NY 11730

LICENSE NUMBER: CA31225

EXPIRATION DATE: FEBRUARY 28, 2021

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State of Florida

Department of State

I certify from the records of this office that J & M ENGINEERING, P.C. is a New York corporation authorized to transact business in the State of Florida, qualified on June 1, 2005.

The document number of this corporation is F05000003224.

I further certify that said corporation has paid all fees due this office through December 31, 2019, that its most recent annual report/uniform business report was filed on January 28, 2019, and that its status is active.

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

*Given under my hand and the
Great Seal of the State of Florida
at Tallahassee, the Capital, this
the Twenty-eighth day of January,
2019*



Jennifer Kennealy
Secretary of State

Tracking Number: 7648917786CC

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

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



[Department of State](#) / [Division of Corporations](#) / [Search Records](#) / [Detail By Document Number](#) /

Detail by Entity Name

Foreign Profit Corporation
J & M ENGINEERING, P.C.

Cross Reference Name

M & J ENGINEERING, P.C.

Filing Information

Document Number	F05000003224
FEI/EIN Number	30-0284495
Date Filed	06/01/2005
State	NY
Status	ACTIVE

Principal Address

180 Bayview Ave
East Islip, NY 11730

Changed: 01/23/2013

Mailing Address

180 Bayview Ave
East Islip, NY 11730

Changed: 01/23/2013

Registered Agent Name & Address

CORPORATION SERVICE COMPANY
1201 HAYS STREET
TALLAHASSEE, FL 32301-2525

Officer/Director Detail

Name & Address

Title PSTD

MALIK, MAQSOOD A
180 Bayview Ave
East Islip, NY 11730

Title CD

MALIK, MAQSOOD A
180 Bayview Ave
East Islip, NY 11730

Title VP

Rubenstein, Arnold
180 Bayview Ave
East Islip, NY 11730

Annual Reports

Report Year	Filed Date
2017	01/09/2017
2018	02/14/2018
2019	01/28/2019

Document Images

01/28/2019 -- ANNUAL REPORT	View image in PDF format
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06/01/2005 -- Foreign Profit	View image in PDF format



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SCHRECK, JOHN

6 RUSTIC ROAD
MILLER PLACE NY 11764

LICENSE NUMBER: PE66972

EXPIRATION DATE: FEBRUARY 28, 2021

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Halsey Beshears, Secretary



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SIDDIQUE, SHARMIN SHIREEN

2525 PONCE DE LEON BLVD #319
CORAL GABLES FL 33134

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RAHMANKHAH, ABDUL KARIM

9321 N W 43 STREET
SUNRISE FL 33351

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DE LA CRUZ, ALEYMA

16617 NW 70TH AVENUE
MIAMI LAKES FL 33014

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JONATHAN ZACHEM, SECRETARY



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POONAWALA, YUSUF A.

11 PARK EAST
NEW HYDE PARK NY 11040

LICENSE NUMBER: PE85195

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

License No.: **LS6052**

Expiration Date February 28, 2021

Professional Surveyor and Mapper License

Under the provisions of Chapter 472, Florida Statutes

PETE DIAZ
9412 SW 184 TERRACE
CUTLER BAY, FL 33157

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE

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



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500
800HELPFLA(435-7352) or (850) 488-2221

March 2, 2019

LIS ROCIO TOLSTOY
1238 SW 154TH CT
MIAMI, FL 33194-2659

SUBJECT: Professional Surveyor and Mapper License # LS6759

Your application / renewal as a professional surveyor and mapper as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2021.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here



Florida Department of Agriculture
and Consumer Services
Board of Professional Surveyors
and Mappers

LS6759

Professional Surveyor and Mapper
LIS ROCIO TOLSTOY

IS LICENSED under the provisions of Ch. 472 FS
Expiration date: February 28, 2021

Detach Here



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

License No.: **LS6759**
Expiration Date February 28, 2021

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

LIS ROCIO TOLSTOY
1238 SW 154TH CT
MIAMI, FL 33194-2659

Nicole Fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE



Florida Department of Agriculture and Consumer Services
Division of Consumer Services
Board of Professional Surveyors and Mappers
2005 Apalachee Pkway Tallahassee, Florida 32399-6500
800HELPFLA(435-7352) or (850) 488-2221

February 22, 2019

F.R. ALEMAN AND ASSOCIATES INC
10305 NW 41ST ST STE 200
DORAL, FL 33178-2982

SUBJECT: Professional Surveyor and Mapper Business Certificate # LB6785

Your application / renewal as a professional surveyor and mapper business as required by Chapter 472, Florida Statutes, has been received and processed.

The license appears below and is valid through February 28, 2021.

You are required to keep your information with the Board current. Please visit our website at www.800helpfla.com/psm to create your online account. If you have already created your online account, you can use the website to maintain your license. You can also find other valuable information on the website.

If you have any questions, please do not hesitate to call the Division of Consumer Services, Board of Professional Surveyors and Mappers at 800-435-7352 or 850-488-2221.

Detach Here



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

License No.: **LB6785**
Expiration Date February 28, 2021

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

F.R. ALEMAN AND ASSOCIATES INC
10305 NW 41ST ST STE 200
DORAL, FL 33178-2982

Nicole Fried

NICOLE "NIKKI" FRIED
COMMISSIONER OF AGRICULTURE



Ron DeSantis, Governor

Halsey Beshears, Secretary



STATE OF FLORIDA
DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

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

METCO SERVICES SOUTHEAST, LLC

100 S. DIXIE HWY.
SUITE 305-305A
WEST PALM BEACH FL 33401

LICENSE NUMBER: CA28208

EXPIRATION DATE: FEBRUARY 28, 2021

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JONATHAN ZACHEM, SECRETARY



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DEPARTMENT OF BUSINESS AND PROFESSIONAL REGULATION
BOARD OF PROFESSIONAL ENGINEERS

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ROSARIO, LUIS

3339 SISAL LOOP
WESLEY CHAPEL FL 33544

LICENSE NUMBER: PE71547

EXPIRATION DATE: FEBRUARY 28, 2021

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STATE OF FLORIDA

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VIJAYENDDRAN, RAJARAM

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LITIGATION



July 6th, 2020

The Selection Committee Members
The Office of the City Clerk (City Hall)
2600 Hollywood Boulevard, Room 221
Hollywood, Florida 33020

**RE: Submittal for Request for Statements of Qualifications: Design and Construction
Administration Services for Hollywood Beach Utility Improvements; Project no.
10-5106/18-7098**

Litigation Item

Dear City of Hollywood Commissioners:

Please have this letter serve as the requested information per the RFQ. M&J Engineering P.C. (M&J) does not have any litigations, judgements, and/or legal actions at the moment or within the last ten years.

Thank you,



Sharmin Siddique, P.E., ENV SP
Vice President

STATEMENT OF CURRENT & PROJECTED WORKLOAD



M&J'S WORKLOAD

M&J Engineering project work load in South Florida is currently light and we have resources readily available. Our professional engineering staff and construction inspectors have many years of local experience with design, permitting, bid and award; and construction administration services.

City of Hollywood Contracts					
M&J Engineering, P.C. has not yet been awarded a contract with the City of Hollywood.					
Current Projects	Client Name	Project Description	Fees	Start/End Date	M&J's Role
Civil Engineering and GIS Services Miami-Dade	Miami-Dade Department of Regulatory and Economic Resources (RER)	<p>M&J Engineering (M&J), is providing Civil Engineering and GIS Services in the preparation of maps, graphs, tables, and database. Typical tasks will include, but not limited to, measuring properties pervious and impervious areas, creating FEMA maps with all the information regarding Special Flood Hazard Zones using ArcGIS Pro, updating the existing stormwater utility database, researching flood zone, working with databases from property appraiser, elevation certificates, permits; filling excel table with all the information found on the FEMA MAP etc.</p> <p>Tasks and Activities: The assignments will include, but not be limited to, the following activities:</p> <ul style="list-style-type: none"> • Updating database of properties located in special flood hazard areas • Revising elevation certificates and permits • Assisting property owners with inquiries on Letter of Map Amendments (LOMA) • Provide constituents with flood insurance information as it relates to the CRS • Synthesize a variety of GIS data for use in analysis and mapping. • Produce high quality cartographic products for reports, meetings, and presentations. • Develop mapping/property and flood zone analysis • Provide graphics, maps and figures for reports and public meetings. 	\$200,000	2019-2021	Prime
WASD Street Paving Rehabilitation Construction Inspection Services (CIS-1)	Miami-Dade Water & Sewer Department (WASD)	<p>M&J Engineering (M&J), is providing Construction Inspection Services by providing Inspectors who will act as asphalt inspectors on behalf of the Miami Dade County Water and Sewer Department and the responsibilities will alternate between preparing and planning work packages for paving Contractors and inspecting, monitoring and reporting Contractors' work. Inspectors will: maintain complete and accurate records of all activities and events related to the Project; identify field conditions and WASD patches, draw and prepare field sketches; interpret plans and sketches, specifications and contract provisions; and maintain an adequate level of surveillance of Contractor activities. All documentation and communications will comply with MD-WASD procedures, formats and content. M&J Inspectors will assure all specifications, standards, plans, permitting, as well as all stormwater pollution prevention measures associated with the project which are conducted by Contractor.</p>	\$400,000	2019-2021	Prime

M&J'S WORKLOAD (CONTINUED)

Projected Projects	Client Name	Project Description	Fees	Start/End Date	M&J's Role
South Florida Water Management District: Professional Engineering Services for Gravity Control Structures, Canal/Levee Refurbishment and Low Hazard Impoundment Work Order Contract	CES Consultants	The project is considered a core mission of the District in maintaining the Central and Southern Florida Flood Control System. Activities under the project may include, but not be limited to gated water control structure refurbishments and replacements, culvert refurbishments and replacements, telemetry enhancements, dredging activities, bank stabilization, building hardening, and levee repairs and replacements. Low hazard water impoundments and associated structures may also be included. The project also consists of design and construction management of associated canal excavation/bank stabilization, control structures, spillways, low hazard impoundments, bridges, monitoring systems, communication towers, control systems and miscellaneous service buildings. Inherent in these activities are the associated features of grading, paving & drainage systems and electrical facility improvements necessary to implement the project. M&J will be providing civil engineering design and construction administration services.	Recently Awarded: Pending Task Order	2019-2022	Sub
City of Coral Gables: Civil and Environmental Engineering Services	300 Engineering Group	As a sub to 300 Engineering Group, M&J was awarded: City of Coral Gables: Civil and Environmental Engineering Services. M&J will be providing the following services: •Environmental Engineering and Hazard Mitigation Strategies: The work will involve the performance of studies and preparation of summary reports for environmental assessments of contaminated sites, proposed land development, transportation improvements, hazard identification, vulnerability analysis, defining of hazard mitigation strategy and implementation of hazard mitigation activities and projects.	Recently Awarded: Pending Task Order	2019-2021	Sub
City of Miami Gardens: Continuing Architectural/Engineering Services	CSA Group	As a sub to CSA Group, M&J was awarded: City of Miami Gardens: Continuing Architectural / Engineering Services. Awaiting task order, M&J will be providing the following services: •CIVIL ENGINEERING, ENVIRONMENTAL Stormwater Engineering to include culverts, open channels, drainage, pump stations, well injections; GIS; Environmental Evaluation; Water and Sewer. •CONSTRUCTION ENGINEERING INSPECTIONS including LAP Projects; Construction Administration •GIS SERVICES Data Collection to include the coordination with the appraiser's office for stormwater fees and the streetlight special taxing district and any tax roll non-valorem fees, updating existing GIS system of the City's Infrastructure and Asset Inventory	Recently Awarded: Pending Task Order	2019-2022	Sub
City of Tampa: Professional Engineering Services as Needed	City of Tampa	M&J Engineering (M&J), was recently awarded the Contract and will provide professional engineering services for work order agreements as needed. Awaiting task orders, M&J will be providing services in the following areas: mechanical; electrical; plumbing; structural; civil engineering; traffic studies; street lighting; signals; roadways; bridges; transportation; public involvement; parking; environmental; site assessments; disaster debris; water; waste water; sewer; storm drainage; facility plan review or subdivision review; design; construction administration, engineering or inspection; scheduling; drafting/CAD services; preparation of plans and specifications for new construction, alterations, maintenance, or repair projects at various buildings to be designated; layouts for transportation, water, sanitary, storm sewer or other construction projects.	Recently Awarded: Pending Task Order	2020-2021	Prime

Expertise of Key Designated Staff

M&J engineering staff in South Florida are local professional engineers with 5 to 37-years of experience working as design engineers, environmental scientists, project managers, and construction managers responsible for; water and sewer pipelines and lift station design, construction administration services for local and state governmental agencies and local private sector. Our staff is exceptionally familiar with design criteria and permitting requirements for City of Hollywood, FL. Our professional staff has personally designed and/or managed construction administration services of water & sewer pipelines and/or lift station projects with several construction methods such as open-cut and directional drilling based on right of way and easement constraint. We have experience using all types of pipe materials such as DIP, PVC (C-900) and HDPE based on selection criteria such as but not limited to soil conditions, cost and method of construction. In addition, staff has designed and managed construction for new lift stations, upgrade, and rehabilitation of dry pit/wet well conversion. M&J professional engineers also have prepared final plans set for construction, bid documents and specifications, applied, and obtained all the necessary local, county, state and federal agency permits. Our team has also assisted the Client in the bidding process and bid tab evaluation and recommendation of a potential responsive low bid contractor, responded to all RFIs during bidding process and construction, reviewed and approved shop drawings, provided construction administration and inspections, attended weekly construction progress meetings, and certified the completion of work as an engineer of record.

M&J Engineering in South Florida has assembled experienced professional engineering staff led by Project Manager, **Sharmin Siddique, P.E., ENV SP**, with over 25-year experience in leading complex, multi-disciplinary medium to large scale projects successfully from start-up to close-out on time and within budget. She is a technical lead in water and wastewater services and has provided services to public and private sector Clients under multiple assignments and multiple year contracts in FL and NY. Below are samples of her local projects:

1. City of Hollywood, FL Project # 15-5128 - Replacing and upsizing 110,960 linear feet of 4-inch to 16-inch water main on Taft Street and Johnson street from North 66th avenue to SR7 (441) for the City of Hollywood
2. City of Hollywood, FL Project # 14-1525 - Replacing 13,250 linear feet of 16-inch reclaim pipe and 94,315 linear feet of 4-inch to 16-inch water main replacement on Taft Street between NW 72nd avenue and 66th avenue for the City of Hollywood.
3. Replacing four sewer lift stations in Dixie Corridor which includes design, permitting and construction administration for the City of Hollywood.
4. City of Hollywood, FL Project # 16-5137 - Replacing 60,000 linear feet of 2-inch to 12-inch cast iron and asbestos water main pipes on Taft street to Hollywood Blvd from Turn pike to North 56 avenue. The work includes design, permitting and construction administration for the City of Hollywood.
5. DB Services for Replacement of water main in the Shenandoah area in Phase A, MD-WASD, FL – Design permitting construction administration services for 39,000 linear feet of 8-inch DIP water main, also included 761 water service conversions.

Karim Rahmankhah, P.E., M.S. Design Engineer and Construction manager with over 37 years' experience in planning, design, construction management and inspections of water main pipe lines, force main pipe lines, gravity sewer lines and lift stations including upgrading of existing lift stations due to maintenance issues such as dry pit/wet well conversion and to control sewer overflows due to inefficiencies of pumping and I&I issues in gravity sewer piping system. Below are samples of his local projects:

1. Rehabilitation of Lift station 107 replacement, the work includes design of wet pit/dry pit configuration by replacing 7.5 HP pump to 15HP submersible pump, refurbishing wet well, replacing railing, new valves and [lug valves and piping system, new valve vault, new electrical and control panels and new wiring and SCADA antenna. Project completed on time within the budget. City of Sunrise.
2. Replacing approximately 45,000 linear feet of existing schedule 160 PVC pipe with new DIP water mains pipes in Sunrise Golf village neighborhood, the work includes replacing new fire hydrants, inline valves,

pressure and biological testing, and construction administration. Project completed with extra 4 months past the original project schedule completion date due to additional work and additional cost (change order). City of Sunrise.

3. Replacing 46,500 linear feet of existing schedule asbestos pipes and 160 PVC pipe with new DIP water mains pipes in Park City Estates, the work includes replacing new fire hydrants, inline valves, pressure and biological testing, and construction administration. Project completed on time within the budget with extra 6 months past the original project schedule completion date due to additional work and additional cost (change order). City of Sunrise.
4. Replacing old and deteriorated 12-inch cast iron force main pipe in South Broward Wastewater Treatment Plant. The work includes design and prepare bid documents and specifications and construction administration. Project completed on time within the budget. City of Sunrise.
5. Replacing 150,000 linear feet of old and deteriorated undersize cast iron water main pipes with new DIP pipes for the City of Fort Lauderdale. the work includes replacing new fire hydrants, backyard meter relocation to the front property, inline valves, pressure and biological testing, and construction administration. City-wide water improvement project with a change order for additional cost and time extension for additional pipe replacement.
6. Replacing 4-inch to 12-inch Force Main Replacement, Lining and repairing of Gravity Sewer Pipes and various pump stations rehabilitation for the City of Fort Lauderdale. The work includes design, prepare bid documents and specification and construction administration. City-wide water improvement project with a change order for additional cost and time extension for additional pipe replacement, valves and replacing existing lift stations wet well and valve vaults.

Aleyma De La Cruz, P.E., C.F.M., Design Engineer with over 25 years' experience in drainage design, roadway, airport, water distribution and sewage systems for local private sectors. Her work experience include permitting under SFWMD, SWFWMD and SJRWMD and Miami-Dade Water & Sewer department. She is proficient in ADICPR drainage modeling, MicroStation, Geopack, GIS, AutoCAD and Primavera project scheduling, Pond Pack, Flow Master, Culvert Master, HEC-Ras, HEC-22, TR 55, FDOT culvert service Lift Estimator. Below are samples of her local projects:

1. Engineer responsible for design of water main pipes, gravity sewer pipes and force main pipes for multiple Miami-Dade County Public School.
2. Project Engineer responsible for Snake Creek Readiness Center water treatment facilities design.
3. Project Engineer responsible for the design of an approximately 7-acre facility enclosing a building complex, courtyards, parking lots and two small local roads. Responsible for the civil design and plan production, including paving, grading, signing, marking, drainage, SWPPP and Erosion Control Plan, water distribution and sanitary sewer system and connection to the City of Miami System. Work included MD-WASD and Public Work permitting.

Salvador Gonzalez, E.I., Engineering intern and inspector with over 5 years' experience including City of Hollywood project 16-5137 assisting in design, permitting, preparing bid documents for construction administration of replacing approximately 60,000 linear feet of water main pipeline in the neighborhoods within Johnson St to Taft St from 56th Ave to FL Turnpike and between Hollywood Blvd to Johnson St from SR 7 to FL Turnpike. He also provided CEI services for Miami-Dade County Public Works Department for upgrading to 8-inch D.I. Water Main along NE 89th Street, NE 90th Street and North Bayshore Drive, as well as installation of 1-inch & 2-inch Water Service lines to houses and corresponding private properties located on the south side of NE 89th Street (parallel to Lake Belmar), and 6 fire hydrants and pavement restoration.

Javier Gonzalez, Inspector with over 5 years' experience on providing inspections for local roadway, water main installation, drainage structures, paving & grading and asphalt, earthwork, and bridge projects. His work includes preparing daily inspection reports, attend weekly construction progress meeting, supervise junior inspectors, perform soil testing with nuclear gauge.

EXPERTISE OF DESIGNATED STAFF

Staff Names & Designation Projects	Utility Design & Permitting				Pipe Material			Construction Methods		Construction Administrative Services			
	Water & Water Main Services: new, replacement, rehabilitation	Gravity Sewer Main: new, replacement, rehabilitation	Force Main, Reuse Main: new, replacement, rehabilitation	Lift Station: new, replacement, rehabilitation	PVC	HDPE	DIP	Open Cut	Directional Drilling	Water & Water Main Services: new, replacement, rehabilitation	Gravity Sewer Main: new, replacement, rehabilitation	Force Main, Reuse Main: new, replacement, rehabilitation	Lift Station: new, replacement, rehabilitation
Yusuf Poonawala, P.E.													
1. Miami-Dade County Water main Extension	new						✓	✓		new			
2. Baltimore reconstruction of field parkway water & sewer pipes	replacement	replacement			✓		✓	✓		replacement	replacement		
3. Greenpoint Sewer Inspection, NY		replacement	replacement		✓			✓	✓		replacement	replacement	
John Schreck, P.E.													
1. Pugsley Creek 9000 linear feet of water main design and construction; Principal-In-Charge	new						✓	✓		new			
2. Fresh Creek Basin 13200 linear feet of sanitary sewer pipes and 5280 linear feet of water mains; Principal-In-Charge					✓		✓	✓	✓	replacement	new		
3. Gateway Estates construction of new water main and sanitary sewer pipes; Principal-In-Charge					✓		✓	✓	✓	new	new		
4. Tillary Street area water and sewer reconstruction (Brooklyn, NY); Principal-In-Charge					✓		✓	✓	✓	replacement	replacement		
5. Reconstruction of South Jamaica area water and sewer pipes (Queens, NY); Principal-In-Charge					✓		✓	✓	✓	replacement	replacement		
6. Den Lane lift station and 2000 linear feet of force main pipes improvement (Connecticut Department of Public Works); Project Engineer			new		✓	✓		✓				new	replacement
Sharmin Siddique, P.E., ENV SP													
1. WM replacement on Taft Street (16-5137), Hollywood, Fl; Project Manager	replacement				✓			✓		replacement			
2. WM replacement Hollywood Blvd to Johnson street (15-5128), Hollywood, Fl; Project Manager	replacement		new		✓			✓		replacement		new	
3. WM replacement Johnson street to Taft Street (14-1525), Hollywood, Fl; Project Manager	replacement				✓			✓		replacement			
4. Design-Build for WM replacement in Shenandoah area, Miami, FL; Design Project Manager	new and replacement				✓			✓		new and replacement			
5. Master Lift Station replacement for Broward College South Campus, Davie, FL; Design Project Manager			new	replacement			✓	✓					

EXPERTISE OF DESIGNATED STAFF (CONTINUED)

Staff Names & Designation Projects	Utility Design & Permitting				Pipe Material			Construction Methods		Construction Administrative Services			
	Water & Water Main Services: new, replacement, rehabilitation	Gravity Sewer Main: new, replacement, rehabilitation	Force Main, Reuse Main: new, replacement, rehabilitation	Lift Station: new, replacement, rehabilitation	PVC	HDPE	DIP	Open Cut	Directional Drilling	Water & Water Main Services: new, replacement, rehabilitation	Gravity Sewer Main: new, replacement, rehabilitation	Force Main, Reuse Main: new, replacement, rehabilitation	Lift Station: new, replacement, rehabilitation
Karim Rahmankhah, P.E.													
1. Replacing 46500 linear feet of existing schedule asbestos pipes and 160 PVC pipe with new DIP water mains pipes in Park City Estates, Davie, FL	replacement						✓	✓		replacement			
2. Replacing 150000 linear feet of old and deteriorated undersize cast iron water main pipes with new DIP pipes for the City of Fort Lauderdale	replacement				✓	✓	✓	✓	✓	replacement			
3. Replacing old and deteriorated 12-inch cast iron force main pipe in South Broward Wastewater Treatment Plant.			replacement				✓	✓				replacement	
4. Replacing 4-inch to 12-inch Force Main Replacement, new gravity sewer pipes and various pump stations rehabilitation, Fort Lauderdale		replacement	new	replacement and rehabilitation	✓	✓	✓	✓			new	replacement	replacement and rehabilitation
5. Rehabilitation of Lift station 107 wet pit/dry pit conversion				rehabilitation									
Aleyma De La Cruz, P.E. C.F.M.													
1. Water main, Gravity Sewer & Force Main pipes for Miami-Dade County Public School; Engineer	new	new	new			✓		✓					
2. Snake Creek Readiness Center Water Treatment Facilities Design; Engineer; Project Engineer	new	new				✓		✓					
3. Florida International University; Project; Project Engineer	new	new				✓		✓					
Salvador Gonzalez, E.I.													
1. Miscellaneous Support Services for Civil Engineering Projects; Engineer		replacement	replacement	replacement	✓			✓					
2. Water main improvements NE 89th street & NE 90th street, Miami, FL; CEI Inspector	replacement	new			✓		✓	✓		replacement	new		
3. Water main replacement within Johnson St-Taft St (5137); Engineer Intern	replacement				✓		✓	✓		replacement			
4. Master Pump Station Replacement - Broward College South Campus - Pembroke Pines, FL; Engineer Intern		✓	✓										✓

Principal Location

M&J Engineering has 3 offices in South Florida (Coral Gables, Fort Lauderdale, and Boca Raton). In order to quickly respond to any of City's request at any time and be more accessible to the job site during both design and construction phases; our Fort Lauderdale office located on 5761 North Andrews Way, Fort Lauderdale FL 33309, will lead all effort for this important Contract. Our team's professional sub-consultants will also provide their professional services for this important Contract from their Fort Lauderdale offices as well.

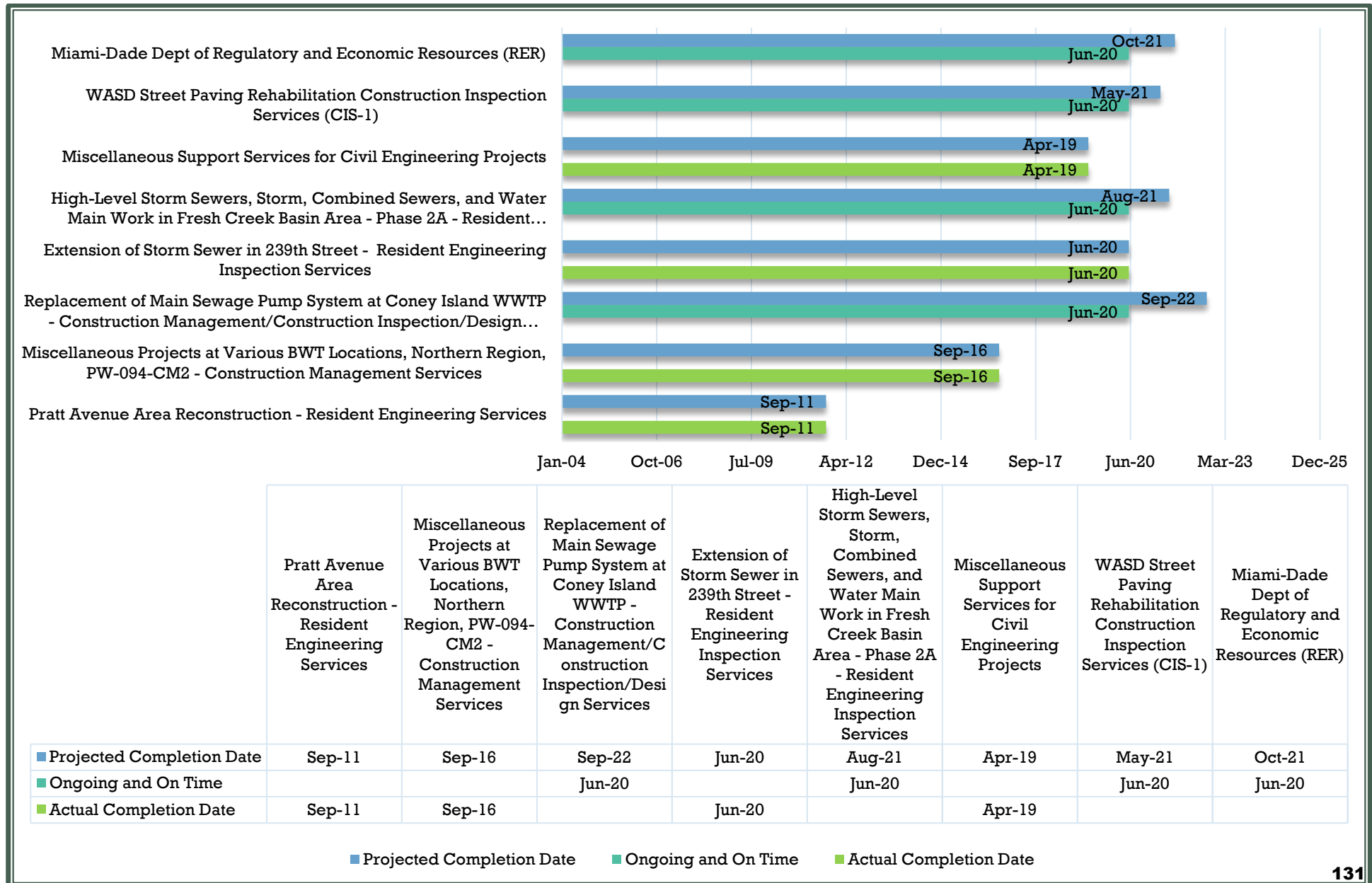
PROJECT SCHEDULE AND BUDGET

Tab 7



ABILITY TO COMPLETE PROJECT ON BUDGET

M&J Engineering's main goal is to stay within an established project schedule by using the latest project scheduling software for design, permitting and construction activities for Hollywood Beach Improvements project and to complete the work on time. Here are some examples of our current and past projects proving our ability to complete projects within schedule.



ABILITY TO COMPLETE PROJECT ON BUDGET

M&J Engineering understands the cost control is the most important aspects of a successful engineering project to make sure it is completed under the allocated project budget. M&J Engineering has project control and reporting system that will be utilized by project manager Sharmin Siddique, P.E., to access up to date information on daily basis for any task activity such as design, permitting process and construction administration shown on the project schedule to make sure the work is completed within project budget.

Project Name	Estimated Project Costs	Actual Project Costs
Resident Engineering Services Pratt Avenue Area Reconstruction Owner: New York City Department of Design and Construction	\$11.5 Million	\$11.5 Million
Construction Management Services Miscellaneous Projects at Various BWT Locations, Northern Region, PW-094-CM2 Owner: New York City Department of Environmental Protection	\$45 Million	\$45 Million
Construction Management/Construction Inspection/Design Services Replacement of Main Sewage Pump System at Coney Island WWTP Owner: New York City Department of Environmental Protection	\$145 million	ongoing and within budget
Resident Engineering Inspection Services Extension of Storm Sewer in 239th Street Owner: New York City Department of Design and Construction	\$9 million	\$9 million
Resident Engineering Inspection Services High-Level Storm Sewers, Storm, Combined Sewers, and Water Main Work in Fresh Creek Basin Area - Phase 2A Owner: New York City Department of Design and Construction	\$35 Million	ongoing and within budget

ADDENDUMS





**CITY OF HOLLYWOOD
DEPARTMENT OF PUBLIC UTILITIES
ENGINEERING AND CONSTRUCTION SERVICES DIVISION**

1621 N. 14th Avenue
Hollywood, FL 33019
Phone (954) 921-3930 Fax (954) 921-3591

ADDENDUM NUMBER 1

Date: **April 27, 2020**

FOR: **REQUEST FOR STATEMENTS OF QUALIFICATIONS (RFQ)
DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES FOR
HOLLYWOOD BEACH UTILITY IMPROVEMENTS**

FILE NUMBER: **10-5106/18-7098**

ALL RESPONDENTS BE ADVISED OF THE FOLLOWING CHANGES TO THE ABOVE REFERENCED PROJECT AS LISTED BELOW:

This addendum is issued as part of the RFQ package for the above described project. The changes incorporated in this addendum shall be considered as a part of the documents and shall supersede, amend, add to, clarify, or subtract from those conditions shown in the original documents dated March 19, 2020. The respondent shall coordinate all modifications herein with all trades and disciplines related to the RFQ package. **The respondent shall acknowledge receipt of this addendum per Item No. 4 of the "Respondent Check List" included in this addendum.** Failure to do so may subject Respondent to disqualification.

Item 1: CHANGE IN RFQ DEADLINES AND INTRODUCTORY MEETING CANCELLATION

The statements of qualifications will be received by the City Clerk of the City of Hollywood, Florida, on or before (but not later than) **2:00 PM** Local Time on **Thursday, June 25, 2020**. The office of the City Clerk is located at City Hall, 2600 Hollywood Boulevard, Room 221, Hollywood, Florida, 33020. On **Thursday, June 25, 2020** at **2:30 PM**, the names of the companies submitting statements of qualifications will be read publicly at the Southern Regional Wastewater Treatment Plant, 1621 N. 14th Avenue, ECSD Conference Room, Hollywood, Florida, 33020.

The project introduction meeting scheduled for April 28, 2020 is CANCELLED.

Any questions shall be submitted via email by no later than **Thursday, June 4, 2020**; Attention: Wilhelmina Montero, P.E. (wmontero@hollywoodfl.org). The telephone number for general information is (954) 921-3930.

Sharmin Siddique, P.E.



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ADDENDUM NUMBER 1

Item 2: CHANGE IN RFQ ANTICIPATED SCHEDULE

RFQ, Page 10, Section VIII, “Anticipated Schedule”, shall read as follows:

The schedule shown below is provided for general information purposes only. Specific dates have been estimated and may vary as circumstances change.

Advertise for Qualifications:	March 19, 2020
Submission Deadline, 2:00 PM:	June 25, 2020
Short List Notification for Oral Interviews:	July 23, 2020
Oral Interviews:	August 13, 2020
Commission Approval:	October 2020

Item 3: CHANGE IN RFQ SECTION I, “INTRODUCTION”

RFQ, page 3, Section I, “Introduction”, paragraph 5, shall read as follows (deletions shown in strikethrough and additions in red):

“The sewer system improvements include the following tasks:

- Replacement of Lift Station E-9
- Upgrade/replacement of Lift Station E-1
- Upsizing approximately 8,000 lineal feet of force main
- Upsizing of gravity piping from Lift Station E-1 to downstream Lift Station E-2
- Modification of connection between Lift Station E-9 to Lift Station E-1”
- **Rehabilitation of Lift Station E-08**

Item 4: CHANGE RFQ SECTION VII, “ORAL PRESENTATION”

RFQ, page 9, Section VII, “Oral Presentation”, shall read as follows (deletions shown in strikethrough and addition in red):

“Selected firms may present an oral overview of their approach to perform design and construction management of similar ~~deep injection well pump station~~ **water and sewer infrastructure** projects and their ability to meet the City’s required project needs. At a publicly advertised meeting, the oral presentation will be limited to 20 minutes after



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ADDENDUM NUMBER 1

which a question and answer period not exceeding 20 minutes pertaining to specifics will commence. The oral interview will be evaluated based upon the following:"

- 1. Knowledge of Project Site and Local Conditions (20 Points)** – Demonstrate knowledge of the project area characteristics as well as Federal and State Regulations, County, and City requirements, codes, and ordinances that apply to this project.
- 2. Proposed Project Staff Functions (20 Points)** - Indicate the organization of the design team, identifying the key personnel and describing their qualifications and responsibilities. Indicate prior experience on similar projects.
- 3. Overall Approach and Methodology (15 Points)** - Explain in detail your approach to the project from initial site survey through construction administration phases of similar **water and** sewer infrastructure projects. Include methods used during design and construction to monitor this project and resolve issues as well as methods of sequencing and coordination among your consultants to minimize conflict and errors.
- 4. Design Philosophy and Concepts (15 Points)** - Explain in detail your design philosophy and how it will be used to deliver a successful outcome in this specific project setting. Include details that will be analyzed and incorporated into the overall design. Explain how you will ensure that the project will be designed to include all the aspects the City desires. Describe how you have used innovative design concepts on other similar projects.
- 5. Cost Control and Value Engineering (20 Points)** - Demonstrate knowledge and experience in the design of water and sewer infrastructure, construction techniques and material evaluation to insure optimum value in meeting the design requirements.
- 6. Schedule for Projects (10 Points)** - Present a schedule for a typical project indicating methodology for effectively managing and executing work while optimizing time.

Item 5: SECTION VI, ATTACHMENT A (SUBMITTAL QUESTIONNAIRE)

Refer to Exhibit 1 of this addendum for "Attachment A: Submittal Questionnaire" of RFQ document.

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ADDENDUM NUMBER 1

Item 6: RESPONDENT CHECK LIST

Refer to Exhibit 2 of this addendum for "Respondent Check List" to be included in RFQ Response Package.

Item 7: NOTES RELATED TO RELEVANT REQUEST RECEIVED FROM POTENTIAL RESPONDENTS

1. Do you anticipate extending the bid due date?
Response: Please refer to Item 1 and Item 2 of this addendum.
2. What additional details are you willing to provide, if any, beyond what is stated in bid documents concerning how you will identify the winning bid?
Response: All details regarding the selection process is contained in the RFQ package.
3. Was this bid posted to the nationwide free bid notification website at www.mygovwatch.com?
Response: No.
4. Other than your own website, where was this bid posted?
Response: This bid is currently posted on DemandStar only.
(<https://www.demandstar.com>)
5. I am writing to inquire if the City accepts Primes to also be a sub on another team. Kindly advise at your convenience.
Response: The City has no objection.
6. On page 8 of the PDF, it states "Submittal Questionnaire (Attachment A). Is there an Attachment A or would you like us to tab this section "Submittal Questionnaire (Attachment A)?
Response: Please refer to Item 5 of this addendum.
7. Can you please provide attachment A, the submittal questionnaire, that's referred to on page 10 for RFQ 10-5106/18-7098?
Response: Please refer to Item 5 of this addendum.
8. On page 8 of the RFQ there is a Submittal Questionnaire (Attachment A). Do we need to respond to these items separately or can they be addressed in our



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ADDENDUM NUMBER 1

responses to the Selection Criteria on pages 6-7? Some of the questions in Attachment A overlap with the Selection Criteria and we would like to clarify the format the City would like us to follow and if Attachment A needs to be answered separately.

Response: The submittal questionnaire included in Exhibit 1 of this addendum shall be completed and included in the submittal package.

9. Do we need to submit a signed statement from our insurance agency of record that is discussed on page 16 of the RFQ under Insurance Requirements or is that to be provided if selected as the winning firm?

Response: There is no need to submit a signed statement from your insurance agency. The selected firms must be able to meet the minimum insurance required at time of contract execution.

ALL OTHER TERMS AND CONDITIONS IN THE RFQ PACKAGE SHALL REMAIN THE SAME.

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

Clece Aurelus, P.E.
Interim Assistant Director
Department of Public Utilities
City of Hollywood



**CITY OF HOLLYWOOD
DEPARTMENT OF PUBLIC UTILITIES
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1621 N. 14th Avenue
Hollywood, FL 33019
Phone (954) 921-3930 Fax (954) 921-3591

ADDENDUM NUMBER 1

EXHIBIT 1. SUBMITTAL QUESTIONNAIRE

Attachment A

**DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES
FOR
HOLLYWOOD BEACH UTILITY IMPROVEMENTS
SUBMITTAL QUESTIONNAIRE**

ENGINEERING SERVICES QUALIFICATION STATEMENT
AND SUBMITTAL QUESTIONNAIRE

PROJECT NAME: DESIGN AND CONSTRUCTION ADMINISTRATION
SERVICES FOR HOLLYWOOD BEACH UTILITY
IMPROVEMENTS

PROJECT NO.: 10-5106/18-7098

1. FIRM NAME & OFFICE LOCATION (Mailing Address and Street Address)

Name: _____

Mailing Address:

Street/PO

Box

City _____ State _____ Zip _____

Physical Address (if different from above):

Street

City _____ State _____ Zip _____

Phone () - Ext Fax () -

Primary E-Mail

Address: _____

Web Site

Address: _____

Contacts:

1. Name: _____ Title: _____

2. Name: _____ Title: _____

2. TYPE OF ORGANIZATION

A. Check One:

☐ Corporation (complete Section B
and G)

☐ Sole Proprietorship (complete
Section D)

☐ Other (complete Section F and G)

☐ Partnership (complete Section C
and G)

☐ Joint Venture (complete Section E
and G)

B. If a Corporation, State incorporated:

Date _____ of _____
Incorporation: _____

State _____ in _____ which
Incorporated: _____

If an out-of-state corporation that is currently
authorized to do business in the State of Florida, give
the date of such authorization: _____

Name and Titles of Principal Officers	Date Elected
_____	_____
_____	_____
_____	_____

C. If a Partnership, State formed:

Date _____ of _____
Partnership: _____

Type of Partnership (General or
Limited): _____

Names and Addresses of Partners: _____

D. If Joint Venture, State formed:

Date _____ of _____ Joint
Ventureship: _____

Names and Addresses of Joint Venturers: _____

E. If a Sole Proprietorship, State created:

Name and Address of Sole Proprietor: _____

F. If other than above, please describe:

G. Related Parent Company, Divisions, and Subsidiaries:
(Attach additional information on other office locations, if appropriate)

Please attach the following:

- a. Corporate Organization Chart
- b. Resumes of Principal Staff
- c. Corporate Family Tree
- d. Company Brochure/Annual Report

3. EMPLOYEES AND PERSONNEL Provide a separate listing for personnel at the corporate (national) level, with the state (Florida) level and for the local office.

Permanent Office Staff	Number	Avg. Years With Firm			Permanent Office Staff	Number	Avg. Years With Firm		
		1-5	5-10	10+			1-5	5-10	10+
Administrative					Clerical /Technicians				
Project Management					Procurement				
Engineers					Project Control and Estimating				
Design/Drafting					Construction Management				
Computer Services					Research and Development				

Local Office Location:

Personnel in Organization by Discipline.

Discipline	Engineers		Designers Total
	Reg	Total	
Civil			
Sanitary			
Structural			
Mechanical			
HVAC			
Process			
Electrical			
Instrumentation			
Industrial			

Discipline (Procurement)

Capital Equipment Buyers
 Subcontract Administrators
 Bulk Material Buyers
 Inspection/Expediting
 Clerical/Technical Support

Personnel

Discipline (Construction Management)

Field Superintendents
 Home Office Management
 Planners (Site, City, Community)
 Architects
 Other

Personnel

Maximum Man-Hours Available Per
 Year:

Current Estimated Man-Hours Per
 Year:

4. FINANCIAL INFORMATION

A. Attach a copy of current audited income statement and balance sheet.

5. WORK EXPERIENCE:**A. Types of Services Provided (Check Yes or No)**

	Yes	No		Yes	No
Feasibility Studies	<input type="checkbox"/>	<input type="checkbox"/>	Stress Analysis*	<input type="checkbox"/>	<input type="checkbox"/>
Drawings					
Preparation of Specifications	<input type="checkbox"/>	<input type="checkbox"/>	Pipeline	<input type="checkbox"/>	<input type="checkbox"/>
Construction Mgmt. Services	<input type="checkbox"/>	<input type="checkbox"/>	Surveying	<input type="checkbox"/>	<input type="checkbox"/>
Process Problem Analysis	<input type="checkbox"/>	<input type="checkbox"/>	Direct Hire Field Construction	<input type="checkbox"/>	<input type="checkbox"/>
Energy Conservation Studies	<input type="checkbox"/>	<input type="checkbox"/>	Detailed Instrumentation & Control	<input type="checkbox"/>	<input type="checkbox"/>
Soil and Foundation Studies	<input type="checkbox"/>	<input type="checkbox"/>	Process Design	<input type="checkbox"/>	<input type="checkbox"/>
Foundation Design	<input type="checkbox"/>	<input type="checkbox"/>	Equipment Design	<input type="checkbox"/>	<input type="checkbox"/>
Structural Design	<input type="checkbox"/>	<input type="checkbox"/>	Detailed Electrical	<input type="checkbox"/>	<input type="checkbox"/>
Testing Capability	<input type="checkbox"/>	<input type="checkbox"/>	Detailed Piping Design	<input type="checkbox"/>	<input type="checkbox"/>
Detailed Mechanical	<input type="checkbox"/>	<input type="checkbox"/>	Construction Management	<input type="checkbox"/>	<input type="checkbox"/>

Procurement

☐☐

Inspection/Expediting

☐☐

B. Drafting Method Utilized:

*Manual

☐

Computer

☐

If Computer, What
Program:

C. Please attach summaries for projects, related to the type of work to be awarded as a result of this submittal, completed by your firms including:

- 1) Location of project and client
- 2) Description of project
- 3) Your scope of involvement in project
- 4) Contract type (e.g. reimbursable/fixed fee/fixed price)
- 5) Approximate value of contract
- 6) Duration of work
- 7) Project Manager Utilized

6. EXPERIENCE WITH THE CITY OF HOLLYWOOD

**A. Most Recent City of Hollywood Work Experience:
(Date/Location/Description)**

**B. Current City of Hollywood Engineering services agreement, if any:
(Agreement Number/Expiration Date/Location/Description)**

7. SUBCONTRACTED SERVICES:

List Subcontractor/ Sub-consultant firms expected to be utilized, and their portion of the work below:

Name of Firm	Area of work to be Performed under this agreement

Also, provide resumes of individuals from these firms whom the Subcontractors shall utilize for completion of the construction.

Identify those subcontractors that are Minority/Women's Business Enterprises and repeat required information in "Minority/Woman Business Participation", below for said Subcontractors. (THIS REQUIREMENT FOR M/WBE INFORMATION IS VOLUNTARY)

8. BUSINESS SIZE AND CLASSIFICATION

A. Size (check one)

☐ Small

A domestic concern that normally employs less than 500 persons, or as defined by section 3 of the Small Business Act.

☐ Large

A domestic concern which, including domestic and foreign divisions and affiliates, normally employs 500 or more persons, is independently or publicly owned or controlled and operated and

which may be a division of another domestic or foreign concern.

B. Classification (check where applicable; may be more than one)

☐ Foreign:

A concern which is not incorporated in the United States or an unincorporated concern having its principal place of business outside the United States.

☐ Minority:

A business, at least 50% of which is owned by minority group members, or, in case of publicly owned businesses, at least 51% of the stock of which is owned by minority group members. For the purpose of this definition, minority group members are Black-Americans, Hispanic-Americans, American-Orientals, American-Indians, American-Eskimos, and American-Aleuts.

(THE REQUIREMENT FOR M/WBE INFORMATION IS VOLUNTARY)

☐ Women:

A business that is at least 51% owned and controlled by a woman or women.

(THE REQUIREMENT FOR M/WBE INFORMATION IS VOLUNTARY)

☐ Nonprofit:

A business or organization that has received nonprofit status under IRS Regulation 501C3.

☐ Sheltered:

A sheltered workshop or other equivalent business basically employing the handicapped.

Please indicate in the space below how your firm complies with the definitions selected above.

9. PROFESSIONAL ENGINEER'S LICENSE:

Respondent must hold a valid State of Florida Professional Engineer's License to be considered a qualified bidder.

State of Florida Professional Engineer's License
No.: _____

Date: _____

Primary
Classification: _____

10. QUALIFICATION FORM PREPARED BY:

Name (print or type): _____

Title: _____

Signature: _____

Address: _____

Telephone Number: _____



**CITY OF HOLLYWOOD
DEPARTMENT OF PUBLIC UTILITIES
ENGINEERING AND CONSTRUCTION SERVICES DIVISION**

1621 N. 14th Avenue
Hollywood, FL 33019
Phone (954) 921-3930 Fax (954) 921-3591

ADDENDUM NUMBER 1

EXHIBIT 2. RESPONDENT CHECK LIST

THIS SHEET MUST BE SIGNED

RESPONDENT CHECK LIST

IMPORTANT: Please read carefully, sign in the spaces indicated and return with your Submittal.

Respondent should check off each of the following items as the necessary action is completed:

1. The Submittal has been signed.
2. Any required descriptive literature, etc. have been included.
3. Any information required is included.
4. Any addenda have been signed and included.
5. The mailing envelope has been addressed to:
Office of the City Clerk
City of Hollywood
P.O. Box 229045.
Hollywood, FL 33022-9045
6. The mailing envelope must be sealed and marked with Submittal Number, Submittal Title and Due date.
7. The Submittal will be mailed or delivered in time to be received no later than the specified due date and time. Otherwise Submittal cannot be considered.
8. Submittal includes:
 - a) Statement of current and projected workload
 - b) List of sub-consultants
 - c) Auditor's letter
 - d) Organizational chart
 - e) Litigation
 - f) Project schedule

ALL COURIER-DELIVERED STATEMENTS OF QUALIFICATIONS MUST HAVE THE RFQ NUMBER AND TITLE ON THE OUTSIDE OF THE COURIER PACKET

Company Name:

Signature and Title:

Date:

PROJECT SUBMITTAL

FROM: _____

DATE: _____

CITY OF HOLLYWOOD
Department of Public Utilities
c/o City Clerk
2600 Hollywood Blvd.
Hollywood, FL 33022-9045

RE: RFQ NO. 10-5106/18-7098

To whom it may concern:

The undersigned, as Respondent, hereby declares that we have examined the Scope of Services and informed ourselves fully in regard to all conditions pertaining to the work to be done for the City of Hollywood's Consulting Services Contract – **DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES FOR HOLLYWOOD BEACH UTILITY IMPROVEMENTS**. The Respondent further declares that the only persons, company or parties interested in this Submittal or the Contract to be entered into as principals are named herein; that this Submittal is made without connection with any other person, company or companies making a Submittal; and it is in all respects fair and in good faith, without collusion or fraud.

The service to be furnished by us is hereby declared and guaranteed to be in conformance with the specifications of the City.

The undersigned agrees that should this Submittal be accepted, to execute the contract and present the same to the City for approval within twenty (20) days after being notified of the awarding of the contract.

The undersigned further agrees that failure to execute and deliver said forms of contract within twenty (20) days, will result in damages to the City.

IN WITNESS WHEREOF, I have hereunto subscribed my name on this _____ day of _____, 2020, in the County of _____, in the state of _____.

Respondent's Firm or Trade Name

Corporation, Sole Proprietorship, Partnership (Circle One)

Phone No.: _____

Address _____

City and State Zip _____

BY: _____
Typed and Written Signature

Title



**CITY OF HOLLYWOOD
DEPARTMENT OF PUBLIC UTILITIES
ENGINEERING AND CONSTRUCTION SERVICES DIVISION**

1621 N. 14th Avenue
Hollywood, FL 33019
Phone (954) 921-3930 Fax (954) 921-3258

ADDENDUM NUMBER 2

Date: **June 23, 2020**

**FOR: REQUEST FOR STATEMENTS OF QUALIFICATIONS (RFQ)
DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES FOR
HOLLYWOOD BEACH UTILITY IMPROVEMENTS**

FILE NUMBER: **10-5106/18-7098**

ALL RESPONDENTS BE ADVISED OF THE FOLLOWING CHANGES TO THE ABOVE REFERENCED PROJECT AS LISTED BELOW:

This addendum is issued as part of the RFQ package for the above described project. The changes incorporated in this addendum shall be considered as a part of the documents and shall supersede, amend, add to, clarify, or subtract from those conditions shown in the original documents dated March 19, 2020. The respondent shall coordinate all modifications herein with all trades and disciplines related to the RFQ package. **The respondent shall acknowledge receipt of this addendum by signing the “Respondent Check List” included in addendum No. 1 and including a printed and signed copy of all addenda in the submittal.** Failure to do so may subject Respondent to disqualification.

Item 1: CHANGE IN RFQ DEADLINE

The statements of qualifications will be received by the City Clerk of the City of Hollywood, Florida, on or before (but not later than) **10:00 AM** Local Time on **Monday, July 6, 2020**. The office of the City Clerk is located at City Hall, 2600 Hollywood Boulevard, Room 221, Hollywood Florida, 33020. On **Monday, July 6, 2020** at **10:30 AM**, the names of the companies submitting statements of qualifications will be read publicly at the Southern Regional Wastewater Treatment Plant, 1621 N. 14th Avenue, ECSD Conference Room, Hollywood, Florida, 33020.

Item 2: DELIVERY OF RFQ PACKAGE

To assist in mitigating the 2019 Novel Coronavirus (COVID-19) potential exposure and transmission risks, it is strongly recommended that the RFQ package be mailed to the City Clerk’s Office, or delivered to Records and Archives located in the Annex building on the west side of City Hall, 2600 Hollywood Boulevard, Hollywood, Florida, 33020. It is recommended that a delivery confirmation email be sent to the Project Manager, Wilhelmina Montero, P.E.

Sharmin Siddique, P.E.

**CITY OF HOLLYWOOD
DEPARTMENT OF PUBLIC UTILITIES
ENGINEERING AND CONSTRUCTION SERVICES DIVISION**

1621 N. 14th Avenue
Hollywood, FL 33019
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ADDENDUM NUMBER 2

Item 3: WEBEX TELEPHONIC MEETING FOR INITIAL RAKING MEETING AND ORAL PRESENTATION MEETING

The initial ranking and oral presentation meetings will be conducted through WebEx telephone meeting. The City will provide a WebEx meeting link, dial in number and access code before the initial ranking meeting and oral presentation. RFQ Respondents could present their files through shared screen function during the oral presentation WebEx meeting.

Item 4: PROFESSIONAL ENGINEERING CONSULTANT SERVICES AGREEMENT

Refer to Exhibit 1 of this addendum for "Professional Engineering Consultant Services Agreement."

Item 5: PROJECT LOCATION MAP

Refer to Exhibit 2 of this addendum for "Project Location Map".

Item 6: NOTES RELATED TO RELEVANT REQUEST RECEIVED FROM POTENTIAL RESPONDENTS

1. The City indicates in the RFQ that various upgrades and improvements are required for the utility systems. Has a preliminary design report been prepared that identifies pipe sizing and upgrades? Is a copy of the preliminary design report available?
Response: A preliminary design report has not been prepared for this project.
2. What is the proposed Phase 1 and Phase 2 construction budget under this contract?
Response: This is a request for qualifications, not a request for proposals.
3. Does the City have location maps available of the project limits?
Response: Refer to Item 5 of this addendum.
4. Do we submit the selection criteria information after the Profile of Consultant?
Response: It is the prerogative of the Respondent how to organize the information presented in their submittal.
5. For previous performance on related projects page 6 of the RFQ. Do we include the requested reference information below with every project listed on the resumes or just for the projects on the list of similar jobs?
 - Owners name, address and telephone number
 - Original schedule and scope of project

**CITY OF HOLLYWOOD
DEPARTMENT OF PUBLIC UTILITIES
ENGINEERING AND CONSTRUCTION SERVICES DIVISION**

1621 N. 14th Avenue
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ADDENDUM NUMBER 2

- Achieved schedule and scope of project
- Number and brief description of change orders or amendments issued during the project
- Average turnaround time for request for information and shop drawing/submittal approvals
- Experience managing state revolving fund and American Iron and Steel compliance documentation

Response: It is up to the Respondent to decide how much information is included in their submittal. At a minimum the information requested in the advertised RFQ must be included in the submittal.

6. How many members are on the selection committee?

Response: There will be five members in the selection committee for this RFQ.

7. For previous performance on related projects page 6 of the RFQ. Can we use individual experience in addition to firm experience?

Response: The City is interested in firm experience.

8. Can the required information in Selection Criteria be submitted with the Profile of Consultant since some of the information overlaps? We would like to clarify the format the City would like us to follow.

Response: Please provide the information required in the Selection Criteria in a separate section from consultant profile for ease of review.

9. Submittal Questionnaire A. If we are a corporation on section G do we attach both a Company Brochure and an Annual Report or can we provide just one of the 2?

Response: Respondents can provide either document.

10. If we do not have an Audited income statement can we provide the last 2 years of tax returns?

Response: All respondents must include a copy of current audited income statement and balance sheet.

11. Is there a minimum number of projects that need to be provided for Selection Criteria #2 and #5?

Response: No.

CITY OF HOLLYWOOD
DEPARTMENT OF PUBLIC UTILITIES
ENGINEERING AND CONSTRUCTION SERVICES DIVISION

1621 N. 14th Avenue
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ADDENDUM NUMBER 2

12. For Selection Criteria #2 previous performance can we provide projects from subconsultants?

Response: Primary Consultant must have the required experience/qualifications.

13. For Selection Criteria #2 and #5 can we provide ongoing projects?

Response: Yes, ongoing projects can be submitted, although preference is for completed projects.

14. Can the City make available As-builts and/or GIS files or Figures showing the extent of the watermain replacement, sewer lines and lift stations?

Response: Project details will be provided before development of the proposal.

15. Can the City make available As-builts and/or GIS files or Figures for the existing alignment of the approximately 8,000 LF of force main requiring upsizing?

Response: Project details will be provided before development of the proposal.

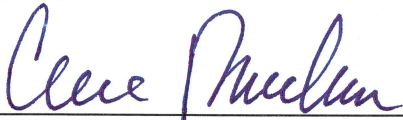
16. Is it the intent of the City to award both phases of the Project to one consultant or will two consultants each be awarded a phase?

Response: The City Commission will make the final selection/award in the City's Best Interest.

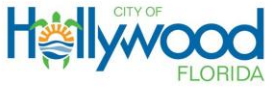
17. Can you also provide an exhibit depicting lift stations locations, piping location to be replaced? Are there available as-builts or atlas information that you can provide?

Response: Project details will be provided before development of the proposal.

ALL OTHER TERMS AND CONDITIONS IN THE RFQ PACKAGE SHALL REMAIN THE SAME.



Clece Aurelus, P.E.
Interim Assistant Director
Department of Public Utilities
City of Hollywood



**CITY OF HOLLYWOOD
DEPARTMENT OF PUBLIC UTILITIES
ENGINEERING AND CONSTRUCTION SERVICES DIVISION**

1621 N. 14th Avenue
Hollywood, FL 33019
Phone (954) 921-3930 Fax (954) 921-3258

ADDENDUM NUMBER 2

**EXHIBIT 1. PROFESSIONAL ENGINEERING CONSULTANT SERVICES
AGREEMENT**



CITY OF HOLLYWOOD, FLORIDA

PROFESSIONAL ENGINEERING CONSULTANT SERVICES AGREEMENT

**DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES
FOR
HOLLYWOOD BEACH UTILITY IMPROVEMENTS**

AT

**CITY OF HOLLYWOOD
DEPARTMENT OF PUBLIC UTILITIES**

PROJECT NO. 10-5106/18-7098

June 2020

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PROFESSIONAL ENGINEERING CONSULTANT SERVICES AGREEMENT

**BETWEEN THE CITY OF HOLLYWOOD, FLORIDA
AND
CONSULTANT
FOR**

**DESIGN AND CONSTRUCTION ADMINISTRATION SERVICES
HOLLYWOOD BEACH UTILITY IMPROVEMENTS**

THIS AGREEMENT is made this _____ day of _____, 2020, by and between the City of Hollywood, a municipal corporation of the State of Florida ("City") and _____, a _____ authorized to do business in the State of Florida ("Consultant").

WITNESSETH:

WHEREAS, the City has selected the Consultant in accordance with Section 287.055, Florida Statutes ("Consultants' Competitive Negotiation Act"), and Resolution No. _____ to provide Professional Construction Management Services as directed by the Director of the Department of Public Utilities, for such project and/or tasks as may be required by the City, with the terms and conditions of the Request for Statement of Qualifications (RFQ) used in the selection and being a part of this agreement.

NOW, THEREFORE, the City and the Consultant, for the considerations herein set forth, agree as follows:

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SCOPE OF WORK

The Consultant shall furnish professional Design and Construction Administration Services for the Hollywood Beach Utility Improvement Project, upon issuance of Consultant's Authorization to Proceed, therefore by the City.

The City may issue Consultant Authorizations to Proceed to encompass entire Basic Services (as defined in Section 2.01) for a project, a portion of Basic Services, or for discretionary tasks as specified in Sections 2.02 (Additional Services) or 2.03 (Reimbursables).

It is understood that Consultant Authorizations to Proceed may be issued under this Agreement at the sole discretion of the City and that the Consultant has no right to or privilege to receive a Consultant Authorizations to Proceed for any particular project or task. The City reserves at all times the right to perform any and all services in-house, or with other private professional engineering consultant engineers as provided by Section 287.055, Florida Statutes, (Consultants' Competitive Negotiation Act) or as otherwise provided by law.

This Agreement does not confer on the Consultant any exclusive rights to the City work. The Consultant may submit proposals for any professional services which the Consultant is qualified to perform, if and when proposals are publicly solicited by the City outside this Agreement.

The City will pay the Consultant a separate fee for each Authorization to Proceed issued in accordance with the negotiated scope of work and fee in the initial contract award for that Phase or Scope of the Services.

The fees for Professional Services for each Authorization to Proceed shall be determined by one of the following two methods or a combination thereof, as mutually agreed upon by the City and the Consultant:

1. Lump Sum as set forth in subsection 5.01A.
2. Hourly Rate, as defined and at the rates set forth in subsection 5.01B and in the attached Exhibit "A".

The contract is for duration of the project, estimated at this time to be a term of three years with the option to renew for two additional one year periods.

The City will confer with the Consultant before any Consultant's Authorization to Proceed is issued to discuss the Scope of Work, the time to complete the work and the fee for services rendered in connection with the Work, provided that, where no agreement is reached as to the fee for a particular Authorization to Proceed, payment will be made in accordance with either subsection 5.01A or subsection 5.01B.

Upon the request of the City, the Consultant will submit a proposal prior to the issuance of an Authorization to Proceed for work not covered under the original contract award. No payment will be made for the Consultant's time or services in connection with the preparation of any such proposal or for any work done in the absence of an Authorization to Proceed.

ARTICLE 1
DEFINITIONS

- 1.01 ADDITIONAL SERVICES: Those design services defined in Section 2.02
- 1.02 BASIC SERVICES: Those Construction Management services defined in Section 2.01.
- 1.03 CITY: The City of Hollywood, Florida, a Florida Municipal Corporation.
- 1.04 CITY MANAGER: The duly appointed chief executive officer of the City.
- 1.05 CONSULTANT: The individual, partnership, corporation, association, joint venture, or any combination thereof, of properly registered professional engineers, which has entered into the agreement to provide professional services to the City. The consultant for this agreement is _____.
- 1.06 CONSULTANT'S AUTHORIZATION TO PROCEED: A document issued by the City to the Consultant authorizing the performance of specific professional services, and stating the time for completion and the amount of fee authorized for such services.
- 1.07 CONTRACTOR OR CONSTRUCTION MANAGER (CM): An individual, partnership, corporation, association, joint venture, or any combination thereof, which has entered into a contract with the City for construction of City of Hollywood, Florida, facilities and incidents thereto.
- 1.08 DIRECTOR: The Director of the Department of Public Utilities of the City of Hollywood, Florida, having the authority and responsibility for management of the specific projects authorized under this Agreement.
- 1.09 INSPECTOR: An employee of the City of Hollywood, Florida, assigned by the Director to make observations of work performed by a Contractor.
- 1.10 PROJECT: The construction, alteration or repair, and all services and incidents thereto, of the CITY of Hollywood, Florida, facility as contemplated and budgeted by the City.
- 1.11 PROJECT MANAGER: An employee of the CITY of Hollywood, expressly designated as PROJECT MANAGER in writing by the DIRECTOR, who is the representative of the City, concerning the Contract Documents.

ARTICLE 2
CONSULTANT SERVICES AND RESPONSIBILITIES

2.01 BASIC SERVICES:

The Consultant agrees to provide Design and Construction Administration services enumerated hereinafter and in accordance with the Florida Building Code, Hollywood Code of Ordinances, Florida Department of Transportation regulations, Florida Department of Environmental Protection, Broward County and any other Agency that has jurisdiction over this work. Services normally required for a project of a specific type, unless modified by a specific Authorization to Proceed, hereinafter collectively called "Basic Services", as follows:

The types of consulting services to be performed can include, but shall not be limited to the following:

- 1) Topographic survey.
- 2) Environmental survey.
- 3) Utilities verification.
- 4) Subsurface utility evaluation.
- 5) Geotechnical investigation.
- 6) Design, including Tech Memo, 90% design submitted and complete bid package design.
- 7) Engineer's estimate of construction cost.
- 8) Permitting.
- 9) Preparation of bidding documents and provide bidding assistance to the City.
- 10) Construction administration services, including full SRF compliance assistance.

2.02 ADDITIONAL SERVICES:

2.02A Additional Services as listed below are normally considered to be beyond the scope of the Basic Services as defined in this Agreement, and if authorized by an appropriate Authorization to Proceed, will be compensated for as provided under subsection 5.02.

- 1) Consultation concerning replacement of any work damaged or built inconsistently with the Contract Drawings, providing the cause is found by the City to be other than by fault of the Consultant or his/her agents.
- 2) Making major revisions changing the scope of a project, to drawings and specifications, when such revisions are inconsistent with written approvals or instructions previously given by the City and are due to causes beyond the control of the Consultant. (Major revisions are defined as those changing the scope and/or scheme and/or any significant portion thereof).
- 3) Preparing to serve or serving as an expert witness in connection with any public hearing, arbitration proceeding or legal proceeding, providing, however, that the Consultant cannot testify against the City in any proceeding during the course of this Agreement.
- 4) Providing services after issuance to the City of the Final Certificate for Payment, following when such payment has been made to the contractor.
- 5) Any other services not otherwise included in this Agreement or not customarily furnished in accordance with generally accepted engineering practice related to construction.

2.03 REIMBURSABLES:

2.03A Reimbursables are those items authorized by the City in addition to the Basic and Additional Services and consist of actual expenditures made by the Consultant and the Consultants' employees, Subconsultants, and Special Subconsultants in the interest of the Work for the following purposes:

- a) Identifiable transportation expenses in connection with the Project, subject to the limitations of Section 112.061, Florida Statutes. Transportation expenses to locations outside the Miami-Dade/Broward/Palm Beach County area or from locations outside the Miami-Dade/Broward/Palm Beach County area will not be reimbursed unless specifically pre-authorized in writing by the Project Manager. Such pre-authorization will be subject to the limitations of Section 112.061, Florida Statutes. Transportation expenses within the Miami-Dade/Broward/Palm Beach County area are not reimbursable.
- b) Identifiable per diem, meals and lodging, taxi fares and miscellaneous travel-connected expenses for CONSULTANT's personnel subject to the limitations of Section 112.061 Florida Statutes. Meals for class C travel inside Broward County will not be reimbursed. Meals and lodging expenses will not be reimbursed for temporarily relocating CONSULTANT's employees from one of CONSULTANT's offices to another office, if the

employee is relocated for more than ten (10) consecutive working days. Lodging will be reimbursed only for room rates equivalent to Holiday Inn, Howard Johnson or Ramada Inn. Governmental lodging will not be reimbursed within Miami-Dade, Broward or Palm Beach County.

- c) Identifiable communication expenses approved by the Project Manager, long distance telephone, courier and express mail between the CONSULTANT's various permanent offices. The CONSULTANT's field office at the Project site is not considered a permanent office.
- d) Cost of printing, reproduction or photography, which is required by or for the CONSULTANT to deliver services, set forth in this Agreement.
- e) Identifiable testing costs approved by Project Manager.
- f) All Permit fees paid to regulatory agencies for approvals directly attributable to the Project. These permit fees do not include those permits required for the construction contractor.
- g) Reimbursable subconsultant expenses are limited to the items described above when the subconsultant agreement provides for reimbursable expenses and when such agreement has been previously approved in writing by the City and subject to all budgetary limitations and requirements of Section 2.03 herein.

ARTICLE 3
SUBCONSULTANTS

3.01 DEFINITIONS:

3.01A A Subconsultant is a person or organization of properly registered professional architects and/or engineers, who has entered into a written agreement with the Consultant to furnish professional services for a project or task, described under Basic Services in Article 2, subsection 2.01 herein.

3.01B A Special Subconsultant is a person or organization who has entered into a written agreement with the Consultant to furnish professional services for a project or task described under Additional Services.

3.02 SUBCONSULTANTS' RELATIONS:

3.02A All services provided by the Subconsultants shall be pursuant to appropriate written agreements between the Consultant and the Subconsultants, which shall contain provisions that preserve and protect the rights of the City and the Consultant under this Agreement.

3.02B Nothing contained in this Agreement shall create any contractual or business relationship between the City and the Subconsultants. The Consultant acknowledges that Subconsultants are under his direction, control, supervision, retention and/or discharge.

3.02C The Consultant proposes to utilize the following Subconsultants:

NAME OF FIRM

CONSULTING SERVICE

_____	_____
_____	_____
_____	_____

The Consultant shall not change any Subconsultant without prior approval by the Director of the Department of Public Utilities, in response to a written request from the Consultant stating the reasons for any proposed substitution. Such approval shall not be unreasonably withheld or delayed by the Director.

ARTICLE 4
THE CITY'S RESPONSIBILITIES

4.01 INFORMATION FURNISHED:

The City, at its expense and insofar as performance under this Agreement may require, shall furnish the Consultant with the following information or may authorize the Consultant to provide the information as an Additional Reimbursable Service:

- 4.01A Complete and accurate surveys of sites, giving boundary dimensions, locations of existing structures and/or trees, the grades and lines of street, pavement, and adjoining properties; the rights, restrictions, easements, boundaries, and topographic data of a building site, and such information as it is relative to storm water, communications, sewer, water, gas and electrical services.
- 4.01B Soil borings or test pits, or other tests when deemed necessary; also, if required, an appropriate professional interpretation thereof and recommendations. The Consultant shall recommend necessary tests to the City.
- 4.01C Information regarding Project Budget, City and State procedures, guidelines, forms, formats, and assistance required to establish a program pursuant to Article 2, subsection 2.01A.
- 4.01D Drawings representing as-built conditions at the time of original construction will be furnished to the Consultant; however, they are not warranted to represent conditions as of this date. The Consultant must perform field investigations as necessary in accordance with Article 2, subsection 2.02A(5) to obtain sufficient information to perform his services. Investigative services in excess of "Normal Requirements", as defined, must be authorized in advance.
- 4.01E The services, information, surveys and reports required by subsections 4.01A through 4.01C, inclusive, shall be furnished at the City's expense, and the Consultant shall be entitled to rely upon the accuracy and completeness thereof, provided the Consultant reviews all of the information provided by the City (such as surveys & soil borings) to determine if additional information and/or testing is required to properly design the project.
- 4.01F The City shall furnish the above information or authorize the Consultant to provide it as expeditiously as possible for the orderly progress of a project development.

4.02 PROJECT MANAGEMENT:

- 4.02A The Director of the Department of Public Utilities shall act on behalf of the City in all matters pertaining to this Agreement. The Director of the Public Utilities shall approve all invoices for payment to the Consultant.

- 4.02B The Department of Public Utilities shall act as liaison between the Consultant and City. The Director of the Department of Public Utilities shall designate a Project Manager from the Department of Public Utilities staff to have general responsibility for management of a project or task through all phases. The Project Manager shall meet with the Consultant at periodic intervals throughout the preparation of the Contract Documents to assess the progress of the Work in accordance with approved schedules. The Project Manager shall also examine documents submitted by the Consultant, including invoices, and shall promptly render decisions and/or recommendations pertaining thereto, to avoid unreasonable delay in the progress of the Consultant's work.
- 4.02C During the construction phase, the Consultant and the Department of Public Utilities staff shall assume the responsibilities described in the General Conditions and Supplementary Conditions of the Construction Contract.
- 4.02D If the City observes or otherwise becomes aware of any fault or defective work in a project or other nonconformance with the Contract Documents, during the construction phases, the City shall give prompt notice thereof to the Consultant.
- 4.03 LEGAL SERVICES, ETC.:
- 4.03A The City shall furnish any legal, accounting, insurance counseling, and auditing services that the Consultant may require to ascertain how or for what purposes a Contractor has used the money paid to the Contractor under a Construction Contract, as may be required by the City.

ARTICLE 5
BASIS OF COMPENSATION

5.01 PROFESSIONAL SERVICE FEES:

The City agrees to pay the Consultant, and the Consultant agrees to accept for services rendered pursuant to this Agreement, fees computed by one or a combination of the methods outlined under subsections 5.01A and 5.01B below as applicable.

5.01A Lump Sum:

- 1) The fee for a task or project may, at the option of the City, be a Fixed Sum as mutually agreed upon in writing by the City and the Consultant and stated in an Authorization to Proceed.
- 2) If a Fixed Sum is agreed upon as the "Basic Fee" for a project, payments to the Consultant on account of the fee shall be made the Phase of the Work as indicated under the Scope of Services Proposal, but not to exceed those percentages listed in Article 5, subsection 6.01.

It is understood that with Lump Sum Compensation, the Consultant shall perform all services for total compensation in the amount stated above. The City shall have no obligation or liability to pay any fee, expenditure, charge or cost beyond the Lump Sum Compensation amount stipulated.

5.01B Hourly Rate:

- 1) The fee shall be based upon the hourly rate as set forth in the attached Exhibit "A".
- 2) The following Principals may be employed on a project:

- 3) Personnel directly engaged on a project by the Consultant may include engineers, designers, job captains, draftsmen, specifications writers, field accountants and inspectors engaged in consultation, research and design, production of drawings, specifications and related documents, construction inspection, and other services pertinent to a project during all phases thereof.

- 4) Any authorized reimbursable services fee shall not include charges for office rent or overhead expenses of any kind, including local telephone and utility charges, office and drafting supplies, depreciation of equipment, professional dues, subscriptions, etc., reproduction of drawings and specifications, mailing, stenographic, clerical, or other employees time or travel and subsistence not directly related to a project. For all reimbursable services the Consultant will apply the multiplier of one- (1.0) times the amount expended by the Consultant. City authorized reproductions in excess of sets required at each phase of the work will be a Reimbursable Service.
- 5) Should overtime work be necessary, and authorized in advance by the City, the compensation for such work shall be approved by the City and stated in an Authorization to Proceed.
- 6) It is understood with an hourly rate fee that the fees will not exceed the hourly salary rate shown on "Exhibit A" and all services shall be performed on that basis.

5.01C Fee for Additive Alternates:

The design of additive alternates authorized by the City will be considered a Basic Service and the fees for these alternates will be calculated by one of the three methods outlined above, as mutually agreed/approved by the City.

5.02 ADDITIONAL SERVICE/REIMBURSABLES FEE:

The Consultant may be authorized to perform Additional/Reimbursable Services as described in Article 2, subsections 2.02 and 2.03. The fee for such services will be computed by one of the following methods:

- a) Mutually agreeable Fixed or Lump Sum, in accordance with subsection 5.01A above.
- b) Hourly Rate in accordance with subsection 5.01B and as set forth in the attached Exhibit "A".

An independent and detailed Authorization to Proceed shall be required to be issued for each additional service requested by the City. The Authorization to Proceed will specify the fee for such service and upper limit of the fee, which shall not be exceeded, and shall comply with the City of Hollywood Purchasing Ordinance and other applicable laws.

The City will reimburse the Consultant for authorized Reimbursable Services as verified by appropriate bills, invoices or statements.

- 5.03 Regardless of the method of compensation elected herein, this agreement and/or "Exhibit A" as applicable, shall include all salary costs which include without limitation: A fringe benefit (e.g. sick leave, vacation, holiday, unemployment taxes,

retirement, medical, insurance and unemployment benefits) factor and an overhead factor. At its discretion, the City may request a breakdown of overhead and fringe benefit factors, certified by Florida Certified Public Accountant. Subconsultant salary costs and Reimbursables shall be billed to the City in the actual amount paid by Consultant.

- 5.04 Absent an amendment to the agreement any maximum amounts stated for compensation, or percentage amounts of compensation, shall not be exceeded. In the event they are so exceeded, the City shall have no liability or responsibility for paying any amount of such excess, which will be at Consultant's own cost and expense.

ARTICLE 6
PAYMENTS TO THE CONSULTANT

6.01 PAYMENT FOR BASIC SERVICES:

Payments for Basic Services may be requested monthly in proportion to services performed during the Work.

Partial payments, corresponding to the percentage of completion of the project, may be made according to the amount paid on account of the Construction Contract. If the Construction Contract Time is extended through no fault of the Consultant, the Consultant shall be compensated for any required professional services and for expenses not otherwise compensated for in connection with such time extensions, in accordance with Article 5 subsection 5.01B and "Exhibit A", and as set forth in an approved Authorization to Proceed.

6.02 PAYMENT FOR ADDITIONAL/REIMBURSABLE SERVICES:

Payment for Additional Services may be requested monthly in proportion to the services performed. When such services are authorized as an hourly rate, the Consultant shall submit for approval by the City, a duly certified invoice, giving names, classification, salary rate per hour, hours worked and total charge for all personnel directly engaged on a project or task. To the sum thus obtained, any authorized Reimbursable Services Cost may be added. The Consultant shall attach to the invoice all supporting data for payments made to Subconsultants engaged on the project or task.

In addition to the invoice, the Consultant shall, for Hourly Rate authorizations, submit a progress report giving the percentage of completion of the Project development and the total estimated fee to completion.

6.03 DEDUCTIONS:

No deductions shall be made from the Consultant's compensation on account of liquidated damages assessed against contractors or other sums withheld from payments to contractors.

6.04 PROJECT SUSPENSION:

If a project is suspended for the convenience of the City for more than three months or terminated without any cause in whole or in part, during any Phase, the Consultant shall be paid for services authorized by an Authorization to Proceed which were performed prior to such suspension or termination, together with the cost of authorized reimbursable services and expenses then due and all appropriate and applicable terminal expenses resulting from such suspension or termination. If the Project is resumed after having been suspended for more than

three months, the Consultant's further compensation shall be subject to renegotiations.

ARTICLE 7
REUSE OF PLANS AND SPECIFICATIONS

7.01 SCOPE OF SERVICES:

It is understood that all Consultant agreements for new work will include the provision for the re-use of plans and specifications, including Basic Services described in Article 2, at the City's sole option, by the Consultants agreeing to do work in accordance with the above listed schedule, and by virtue of signing this agreement they agree to a re-use in accordance with this provision without the necessity of further approvals or documents being required and without recourse for such re-use.

The Consultant shall bind all Sub-consultants to the Contract requirements for re-use of Plans and Specifications.

ARTICLE 8
GENERAL PROVISIONS

8.01 INDEMNIFICATION:

The CONSULTANT shall indemnify and hold harmless the CITY, and their officers and employees, from liabilities, damages, losses and costs, including, but not limited to, reasonable attorney's fees, to the extent caused by the negligence, recklessness, or intentionally wrongful conduct of the CONSULTANT and other persons employed or utilized by the CONSULTANT in the performance of this Contract. These provisions shall survive the expiration or earlier termination of this Contract. Nothing in this agreement shall be construed to affect in any way the City's rights, privileges and immunities under the doctrine of "sovereign immunity" and as set forth in Section 768.28, Florida Statutes. These provisions shall survive the expiration or earlier termination of this Agreement.

8.02 INSURANCE:

Prior to the commencement of work governed by this contract (including the pre-staging of personnel and material), the Consultant shall obtain insurance as specified in the schedules shown below. The Consultant will ensure that the insurance obtained will extend protection to all sub-Consultants engaged by the Consultant. As an alternative the Consultant may require all sub-Consultants to obtain insurance consistent with the schedules shown below.

The Consultant will not be permitted to commence work governed by this contract (including pre-staging of personnel and material) until satisfactory evidence of the required insurance has been furnished to the City as specified below. Delays in the commencement of work, resulting from the failure of the Consultant to provide satisfactory evidence of the required insurance, shall not extend deadlines specified in this contract and any penalties and failure to perform assessments shall be imposed as if the work commenced on the specified date and time, except for the Consultant's failure to provide satisfactory evidence.

The Consultant shall maintain the required insurance throughout the entire term of this contract and any extensions specified in any attached schedules. Failure to comply with this provision may result in the immediate suspension of all work until the required insurance has been reinstated or replaced. Delays in the completion of work resulting from the failure of the Consultant to maintain the required insurance shall not extend deadlines specified in this contract and any penalties and failure to perform assessments shall be imposed as if the work had not been suspended, except for the Consultant's failure to maintain the required insurance.

The Consultant shall provide, to the City, as satisfactory evidence of the required insurance, either:

1. Certificate of Insurance
2. Certified copy of the actual insurance policy

The City, at its sole option, has the right to request a certified copy of any or all insurance policies required by this contract. All insurance policies must specify that they are not subject to cancellation, non-renewal, material change, or reduction in coverage unless a minimum of 30 days prior notification is given to the City by the insurer.

The acceptance and/or approval of the Consultant's insurance shall not be construed as relieving the Consultant from any liability or obligation assumed under this contract or imposed by law. The City of Hollywood, Florida, its employees and officials will be included as "Additional Insured" on all policies, except for Workers' Compensation. In addition, the City will be named as an Additional Insured and Loss Payee on all policies covering City-owned property. Any deviations from these General Insurance Requirements must be requested in writing on the City prepared form entitled "Request for Waiver of Insurance Requirements" and approved by the City's Risk Management Department.

Any sub-consultant shall supply such similar insurance required of the Consultant. Such certificates shall name the City as additional insured on the general liability and auto liability policies.

8.02A Insurance Limits of Liability:

All insurance policies shall be issued by companies authorized to do business under the laws of the State of Florida and satisfactory to the Owner. All companies shall have a Florida resident agent and be rated a minimum A-VII, as per A.M. Best Company's Key Rating Guide, latest edition.

The Consultant shall furnish certificates of insurance to the Risk Management Director for review and approval prior to the execution of this agreement. The Certificates shall clearly indicate that the Consultant has obtained insurance of the type, amount and classification required by these provisions, in excess of any pending claims at the time of contract award to the Consultant. No failure to renew, material change or cancellation of, the insurance shall be effective without a 30 day prior written notice to and approval by the Owner.

Any sub-contractor used by the contractor shall supply such similar insurance required of the contractor. Such certificates shall name the City as an Additional Insured.

1. Comprehensive General Liability:

Prior to the commencement of work governed by this contract, the Consultant shall obtain General Liability Insurance. Coverage shall be maintained throughout the life of the contract and include, as a minimum:

- a. Each Occurrence
- b. Products and Completed Operations
- c. Personal Injury Liability
- d. Damages to Rented Premises
- e. General Aggregate

The minimum limits acceptable shall be:

\$ 1,000,000.00 Per Occurrence / \$2,000,000 Aggregate

The City of Hollywood shall be named as Additional Insured on all policies issued to satisfy the above requirements.

2. Comprehensive Automobile Liability:

Recognizing that the work governed by this contract requires the use of vehicles, the Consultant, prior to the commencement of work, shall obtain Vehicle Liability Insurance. Coverage shall be maintained throughout the life of the contract and include, as a minimum, liability coverage for:

Owned, Non-Owned, and Hired Vehicles

The minimum limits acceptable shall be:

\$ 1,000,000.00 Combined Single Limit (CSL)

If split limits are provided, the minimum limits acceptable shall be:

\$ 500,000.00 per Person
\$ 1,000,000.00 per Occurrence
\$ 100,000.00 Property Damage

The City of Hollywood shall be named as Additional Insured on all policies issued to satisfy the above requirements.

3. Worker's Compensation Insurance:

Prior to the commencement of work governed by this contract, the Consultant shall obtain Workers' Compensation Insurance with limits sufficient to respond to the applicable state statutes.

In addition, the Consultant shall obtain Employers' Liability Insurance with limits of not less than:

\$ 500,000.00 Bodily Injury by Accident
\$ 500,000.00 Bodily Injury by Disease, policy limits
\$ 500,000.00 Bodily Injury by Disease, each employee

Coverage shall be maintained throughout the entire term of the contract.

Coverage shall be provided by a company or companies authorized to transact business in the state of Florida and the company or companies must maintain a minimum rating of A-VII, as assigned by the A.M. Best Company.

If the Consultant has been approved by the Florida's Department of Labor, as an authorized self-insurer, the City shall recognize and honor the Consultant's status. The Consultant may be required to submit a Letter of Authorization issued by the Department of Labor and a Certificate of Insurance, providing details on the Consultant's Excess Insurance Program.

If the Consultant participates in a self-insurance fund, a Certificate of Insurance will be required. In addition, the Consultant may be required to submit updated financial statements from the fund upon request from the City.

4. Professional Liability Insurance:

Recognizing that the work governed by this contract involves the furnishing of advice or services of a professional nature, the Consultant shall purchase and maintain, throughout the life of the contract, Professional Liability Insurance which will respond to damages resulting from any claim arising out of the performance of professional services or any error or omission of the Consultant arising out of work governed by this contract.

The minimum limits of liability shall be:

\$ 1,000,000.00 per Occurrence / \$ 2,000,000.00 Aggregate

The insurance policy shall not contain any exceptions that would exclude coverage for risks that can be directly or reasonably related to the scope of goods or services in this bid/proposal. A violation of this requirement at any time during the term, or any extension thereof shall be grounds for the immediate termination of any contract entered in to pursuant to this bid/proposal.

The City reserves the right to require any other insurance it deems necessary depending upon the exposures.

8.03 PERFORMANCE:

8.03A Performance and Delegation:

The services to be performed hereunder shall be performed by the Consultant's own staff, unless otherwise approved by the City. Said approval shall not be construed as constituting an agreement between the City and said other person or firm.

Consultant agrees, within 14 calendar days of receipt of a written request from the City, to promptly remove and replace any personnel employed or retained by the Consultant, or any sub-consultants or subcontractors or any personnel of any such sub-consultants or subcontractors engaged by the Consultant, to provide and perform services or work pursuant to the requirements of this Agreement, whom the City shall request in writing to be removed, which request may be made by the City with or without cause.

8.03B Time for Performance:

The Consultant agrees to start all work hereunder upon receipt of an Authorization to Proceed issued by the Director of the Department of Public Utilities and to complete each Phase within the time stipulated in the Authorization to Proceed. Time is of the essence with respect to performance of this Agreement.

A reasonable extension of the time for completion of various Phases will be granted by the City should there be a delay on the part of the City in fulfilling its part of the Agreement as stated herein. Such extension of time shall not be cause for any claim by the Consultant for extra compensation.

8.04 TERMINATION OF AGREEMENT:

8.04A Right to Terminate:

The City has the right to terminate this Agreement for any reason or no reason, upon seven days' written notice. Upon termination of this Agreement, all charts, sketches, studies, drawings, and other documents related to work authorized under this Agreement, whether finished or not, must be turned over to the City. The Consultant shall be paid in accordance with Section 6.04, provided that said documentation be turned over to City within ten business days of termination. Failure to timely deliver the documentation shall be cause to withhold any payments due.

The Consultant shall have the right to terminate this agreement, in writing, following breach by the City, if breach of contract has not been corrected within 60 days from the date of the City's receipt of a statement from Consultant specifying its breach of its duties under this agreement.

8.04B Prohibition Against Contingent Fees:

The Consultant warrants that he or she has not employed or retained any company or person, other than a bona fide employee working solely for the consultant, to solicit or secure this agreement and that he or she has not paid or agreed to pay any person, company, corporation, individual, or firm, other than a bona fide employee working solely for the consultant, any fee, commission, percentage, gift, or other consideration contingent upon or resulting from the award or making of this agreement.

For the breach or violation of this provision, the City shall have the right to terminate the agreement without liability and, at its discretion, to deduct from the contract price, or otherwise recover, the full amount of such fee, commission, percentage, gift, or consideration.

ARTICLE 9
MISCELLANEOUS

9.0 MISCELLANEOUS:

9.01 CONSULTANT'S ACCOUNT RECORDS:

The City reserves the right to audit the Consultant's accounts for bills submitted on Hourly Rate basis during the performance of this Agreement and for five years after final payment under this Agreement. The Consultant agrees to furnish copies of any records necessary, in the opinion of the Director, to approve any requests for payment by the Consultant.

9.02 OWNERSHIP OF DOCUMENTS:

Drawings and Specifications as instruments of service are and shall become the property of the City whether the Project for which they are made is executed or not. The Consultant shall be permitted to retain copies, including reproducible copies, of Drawings and Specifications for information and reference in connection with the City's use and occupancy of the Project.

The Drawings and Specifications shall not be used by the City on other projects, for additions to this Project, or for completion of this Project by others, provided the Consultant is not in default under this Agreement, except as provided in Article 7 or by agreement in writing and appropriate compensation to the Consultant, in which case such drawings and specifications may be used.

Submission or distribution to meet official regulatory requirements or for other purposes in connection with the Project is not to be construed as publication in derogation of the Consultant's rights.

To the extent allowed by law, Consultant agrees not to divulge, furnish or make available to any third person, firm or organization, without City's prior written consent, or unless incident to the proper performance of the Consultant's obligations hereunder, or in the course of judicial or legislative proceedings where such information has been properly subpoenaed, any non-public information concerning the services to be rendered by Consultant hereunder, and Consultant shall require all of its employees, agents, sub-consultants and subcontractors to comply with the provisions of this subsection.

9.03 MAINTENANCE OF RECORDS:

Consultant will keep adequate records and supporting documentation, which concern or reflect its services hereunder. The records and documentation will be retained by CONSULTANT for a minimum of five years from the date of termination of this Agreement or the date the Project is completed, whichever is later. City, or

any duly authorized agents or representatives of City, shall have the right to audit, inspect, and copy all such records and documentation as often as they deem necessary during the period of this Agreement and during the five year period noted above; provided, however such activity shall be conducted only during normal business hours.

9.04 EXTENT OF AGREEMENT:

This Agreement represents the entire and integrated agreement between the City and the Consultant and supersedes all prior negotiations, representations or agreements, written or oral. This Agreement may not be amended, changed, modified, or otherwise altered in any respect, at any time after the execution hereof, except by a written document executed with the same formality and equal dignity herewith. Waiver by either party of a breach of any provision of this Agreement shall not be deemed to be a waiver of any other breach of any provision of this Agreement.

9.05 SUCCESSORS AND ASSIGNS:

The performance of this Agreement shall not be transferred pledged, sold, delegated or assigned, in whole or in part, by the Consultant without the written consent of the City, acting by and through its Board.

The Consultant and the City each binds one another, their partners, successors, legal representatives and authorized assigns to the other party of this Agreement and to the partners, successors, legal representatives and assigns of such party in respect to all covenants of this Agreement.

9.06 TRUTH-IN-NEGOTIATION CERTIFICATE

In compliance with the Consultant's Competitive Negotiation Act, for any Authorization to Proceed for a project to be compensated under the Lump Sum method the Consultant shall certify that wage rates and other factual unit costs supporting the compensation are accurate, complete, and current at the time of said Authorization to Proceed. The original Project price and any addition thereto will be adjusted to exclude any significant sums by which the City determines the project price was increased due to inaccurate, incomplete or noncurrent wage rates and other factual unit costs. All such price adjustments will be made within 1 year following the end of the Project.

9.07 NO CONTINGENT FEES

The Consultant warrants that it has not employed or retained any company or person, other than a bona fide employee working solely for Consultant, to solicit or secure this Agreement and that it has not paid or agreed to pay any person, company, corporation, individual or firm, other than a bona fide employee working

solely for the Consultant, any fee, commission, percentage, gift, or other consideration contingent upon or resulting from award of or making of this Agreement. For the breach or violation of this provision, the City shall have the right to terminate the Agreement at its sole discretion, without liability and to deduct from the Agreement price, or otherwise recover, the full amount of such fee, commission, percentage, gift, or consideration.

9.08 APPLICABLE LAW AND VENUE OF LITIGATION:

This agreement shall be interpreted and construed in accordance with and governed by the laws of the State of Florida. Any suit or action brought by any party, concerning this agreement, or arising out of this agreement, shall be brought in Broward County, Florida. Each party shall bear its own attorney's fees except in actions arising out of CONSULTANT's duties to indemnify the CITY pursuant to Article 8, subsection 8.01 where CONSULTANT shall pay the CITY's reasonable attorney's fees.

9.09 CONSULTANT'S STAFF:

CONSULTANT will provide the key staff identified in their proposal for Project as long as said key staff is in CONSULTANT's employment.

CONSULTANT will obtain prior written approval of Project Manager to change key staff. CONSULTANT shall provide Project Manager with such information as necessary to determine the suitability of proposed new key staff. Project Manager will act reasonably in evaluating key staff qualifications.

If Project Manager desires to request removal of any of CONSULTANT's staff, Project Manager shall first meet with CONSULTANT and provide reasonable justification for said removal.

9.10 NOTICES:

Whenever either party desires to give notice unto the other, such notice must be in writing, sent by registered United States mail, return receipt requested, addressed to the party for whom it is intended at the place last specified; and the place for giving of notice shall remain such until it shall have been changed by written notice in compliance with the provisions of this paragraph. For the present, the parties designate the following as the respective places for giving of notice:

FOR CITY:

City Manager
2600 Hollywood Blvd., Rm. 421
Hollywood, Florida 33020

City Attorney
2600 Hollywood Blvd., Rm. 407
Hollywood, Florida 33020

FOR CONSULTANT:

9.11 INTERPRETATION:

The language of this Agreement has been agreed to by both parties to express their mutual intent and no rule of strict construction shall be applied against either party hereto. The headings contained in this Agreement are for reference purposes only and shall not affect in any way the meaning or interpretation of this Agreement. All personal pronouns used in this Agreement shall include the other gender, and the singular shall include the plural, and vice versa, unless the context otherwise requires. Terms such as "herein," "hereof," "hereunder," and "hereinafter" refer to this Agreement as a whole and not to any particular sentence, paragraph, or section where they appear, unless the context otherwise requires. Whenever reference is made to a Section or Article of this Agreement, such reference is to the Section or Article as a whole, including all of the subsections of such Section, unless the reference is made to a particular subsection or subparagraph of such Section or Article.

9.12 JOINT PREPARATION:

Preparation of this Agreement has been a joint effort of the CITY AND CONSULTANT and the resulting document shall not, solely as a matter of judicial construction, be construed more severely against one of the parties than any other.

9.13 PRIORITY OF PROVISIONS:

If there is a conflict or inconsistency between any term, statement, requirement, or provision of any exhibit attached hereto, any document or events referred to herein, or any document incorporated into this Agreement by reference and a term, statement, requirement, or provision of this Agreement, the term, statement,

requirement, or provision contained in this Agreement shall prevail and be given effect.

9.14 MEDIATION; WAIVER OF JURY TRIAL:

In an effort to engage in a cooperative effort to resolve conflict which may arise during the course of the design and /or construction of the subject project(s), and/or following the completion of the projects(s), the parties to this Agreement agree all disputes between them shall be submitted to non-binding mediation prior to the initiation of litigation, unless otherwise agreed in writing by the parties. A certified Mediator, who the parties find mutually acceptable, will conduct any Mediation Proceedings in Broward County, State of Florida. The parties will split the costs of mediation on a 50/50 basis. The parties to this Agreement agree to include such similar contract provisions with all Subconsultants and/or independent contractors and/or consultants retained for the project(s), thereby providing for non-binding mediation as the primary mechanism for dispute resolution.

9.15 TIME:

Time is of the essence in this agreement.

9.16 COMPLIANCE WITH LAWS:

Consultant shall comply with all applicable laws, codes ordinances, rules, regulations and resolutions in performing its duties, responsibilities, and obligations related to this agreement.

9.17 PUBLIC RECORDS LAW

The Consultant acknowledges that Chapter 119, Florida Statutes entitled "Public Records Law" is applicable to this Agreement. Further, the provisions of Section 119.0701, Florida Statutes, are also applicable and Consultant acknowledges its obligations to comply with said requirements with regard to public records and shall:

- a) Keep and maintain public records required by the City to perform the services required under this Agreement;
- b) Upon request from the City's custodian of public records or his/her designee, provide the City with a copy of the requested records or allow the records to be inspected or copied within a reasonable time at a cost that does not exceed the cost provided in Chapter 119, Florida Statutes, or as otherwise provided by law;

- c) Ensure that public records that are exempt or confidential and exempt from public records disclosure requirements are not disclosed except as authorized by law for the duration of the term of this Agreement and following the completion of this Agreement if the Consultant does not transfer the records to the City; and
- d) Upon completion of this Agreement, Consultant shall transfer, at no cost, to the City, all public records in possession of the Consultant or keep or maintain public records required by the City to perform the service. If the Consultant transfers all public records to the City upon completion of this Agreement, the Consultant shall destroy any duplicate public records that are exempt or confidential and exempt from public records disclosure requirements. If the Consultant keeps and maintains public records upon completion of this Agreement, the Consultant shall meet all applicable requirements for retaining public records. All records stored electronically must be provide to the City, upon the request from the City's custodian of public records, in a format that is compatible with the information technology systems of the City.

IF THE CONSULTANT HAS QUESTIONS REGARDING THE APPLICATION OF CHAPTER 119, FLORIDA STATUTES, TO THE CONSULTANT'S DUTY TO PROVIDE PUBLIC RECORDS RELATING TO THIS AGREEMENT, CONTACT THE CITY'S CUSTODIAN OF PUBLIC RECORDS AT: CITY CLERK'S OFFICE, 2600 HOLLYWOOD BOULEVARD, HOLLYWOOD, FLORIDA 33020 OR AT (954) 921-3211, PCERNY@HOLLYWOODFL.ORG.

IN WITNESS WHEREOF, the City has caused this Agreement to be executed by the undersigned and the said Consultant has caused this Agreement to be executed by the undersigned and the seal of the Consultant set hereto on this day and year first above written.

THE CITY OF HOLLYWOOD, FLORIDA

THE CITY OF HOLLYWOOD,

(SEAL)
FLORIDA

ATTEST

By _____

Josh Levy, Mayor

Patricia A. Cerny, MMC, City Clerk

APPROVED AS TO FORM AND LEGAL
SUFFICIENCY for the use and reliance
of the City of Hollywood, Florida, only.

Douglas R. Gonzales, City Attorney

Cintya Ramos,
Director of Financial Services

WHEN THE CONSULTANT IS A CORPORATION OR PROFESSIONAL ASSOCIATION

ATTEST

Name of Corporation

Secretary

By _____

(Corporate Seal)

Consultant's Registration No.

WHEN THE CONSULTANT IS AN INDIVIDUAL OR PARTNERSHIP

ATTEST

Witness: _____

Legal name of Partnership

Witness: _____

By: _____

Legal name (Title, if any)

WHEN THE CONSULTANT IS A JOINT VENTURE

Legal name of firm

Legal name firm

By: _____
Signature

By: _____
Signature

Legal name and title

Legal name and title

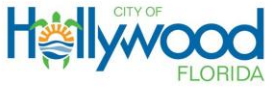
ATTEST

Witness

Witness

Witness

Witness

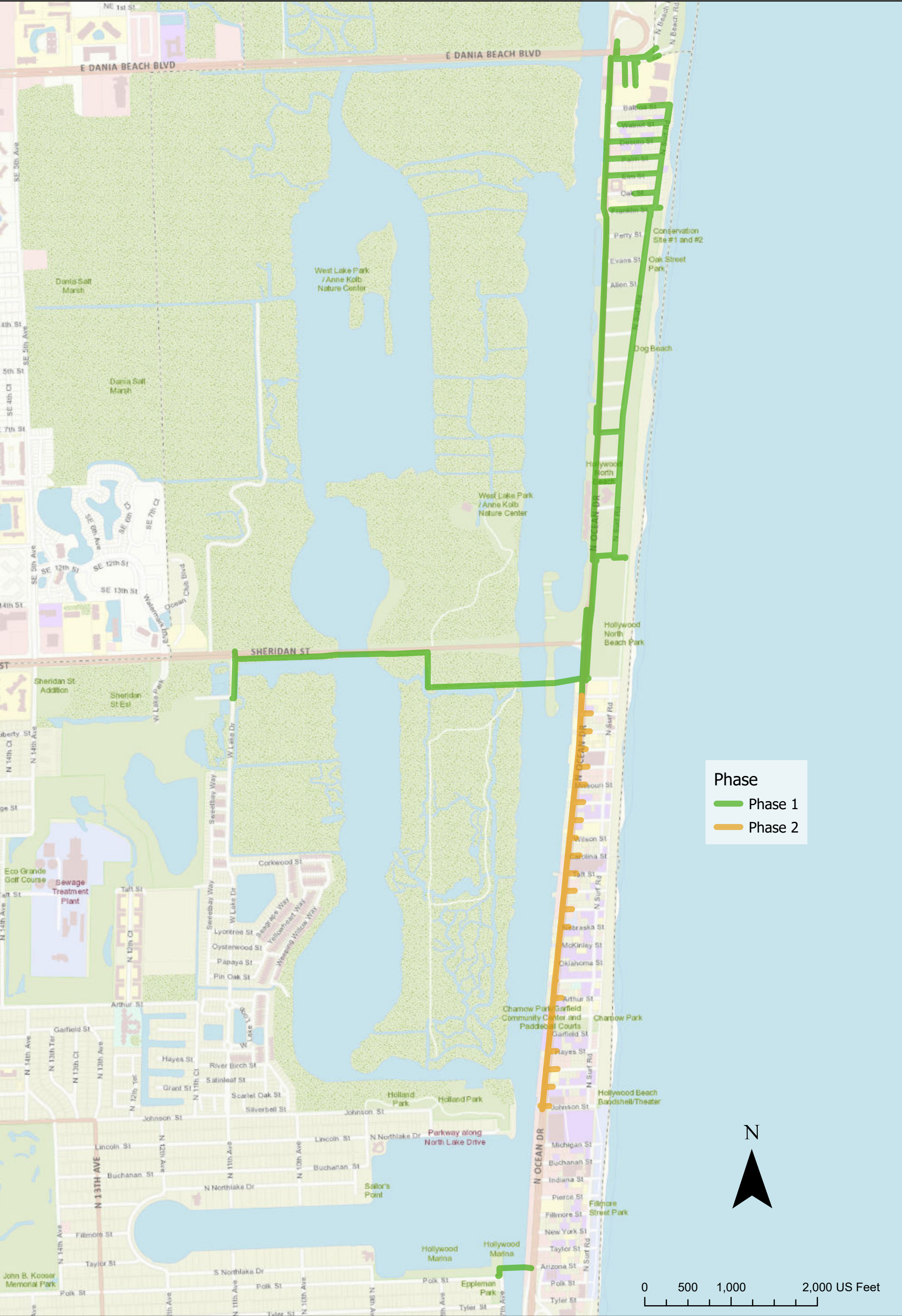


**CITY OF HOLLYWOOD
DEPARTMENT OF PUBLIC UTILITIES
ENGINEERING AND CONSTRUCTION SERVICES DIVISION**

1621 N. 14th Avenue
Hollywood, FL 33019
Phone (954) 921-3930 Fax (954) 921-3258

ADDENDUM NUMBER 2

EXHIBIT 2. PROJECT LOCATION MAP



ACCESS TO INFORMATION CONTAINED WITHIN THIS DOCUMENT IS RESTRICTED UNDER FLORIDA STATUTE 119.07 SECTION 1 PARAGRAPH (EE) SUBSECTION (3). ALL PERSONS BEING PERMITTED ACCESS TO THIS DOCUMENT SHALL RESTRICT ACCESS TO OTHERS IN ACCORDANCE WITH THE ABOVE REFERENCED STATUTE. IF ANY QUESTION AS TO THE DISSEMINATION OF THIS INFORMATION EXISTS, IT SHALL BE FORWARDED TO THE DIRECTOR OF PUBLIC UTILITIES, CITY OF HOLLYWOOD FLORIDA FOR FINAL DETERMINATION.

INFORMATION PROVIDED IN THIS DOCUMENT, REGARDING SITE CONDITIONS, EXISTING STRUCTURES, AND EXISTING UNDERGROUND UTILITIES IS OFFERED SOLELY AS SUPPLEMENTAL INFORMATION. IT IS THE OWNER'S RESPONSIBILITY TO ENSURE ALL DATA IS FIELD VERIFIED AS TO ELEVATION, SIZE, AND LOCATION.





**Submittal for Request for
Statement of Qualifications (RFQ)
Design and Construction Administration Services for
Hollywood Beach Utility Improvements**

Project No. 10-5106/18-7098

M & J Engineering P.C.
5761 North Andrews Way, Fort Lauderdale, FL 33309
(786) 441-5142

