



**CITY OF FORT LAUDERDALE**  
**RFP NO. 12713-125**  
**NEW RIVER WATER WATERMAIN EXTENSION -**  
**PHASE 2**

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A photograph showing construction workers in safety vests and hard hats working on a large pipe installation in a trench. One worker in the foreground is wearing a vest with the 'DMSI' logo. The scene includes a large orange pipe section, a metal barrel, and various tools and equipment.

# 1. Proposal Contact Person Information



New River Water Watermain Extension - Phase 2, RFP# 12713-125



# 1. PROPOSAL CONTACT PERSON INFORMATION

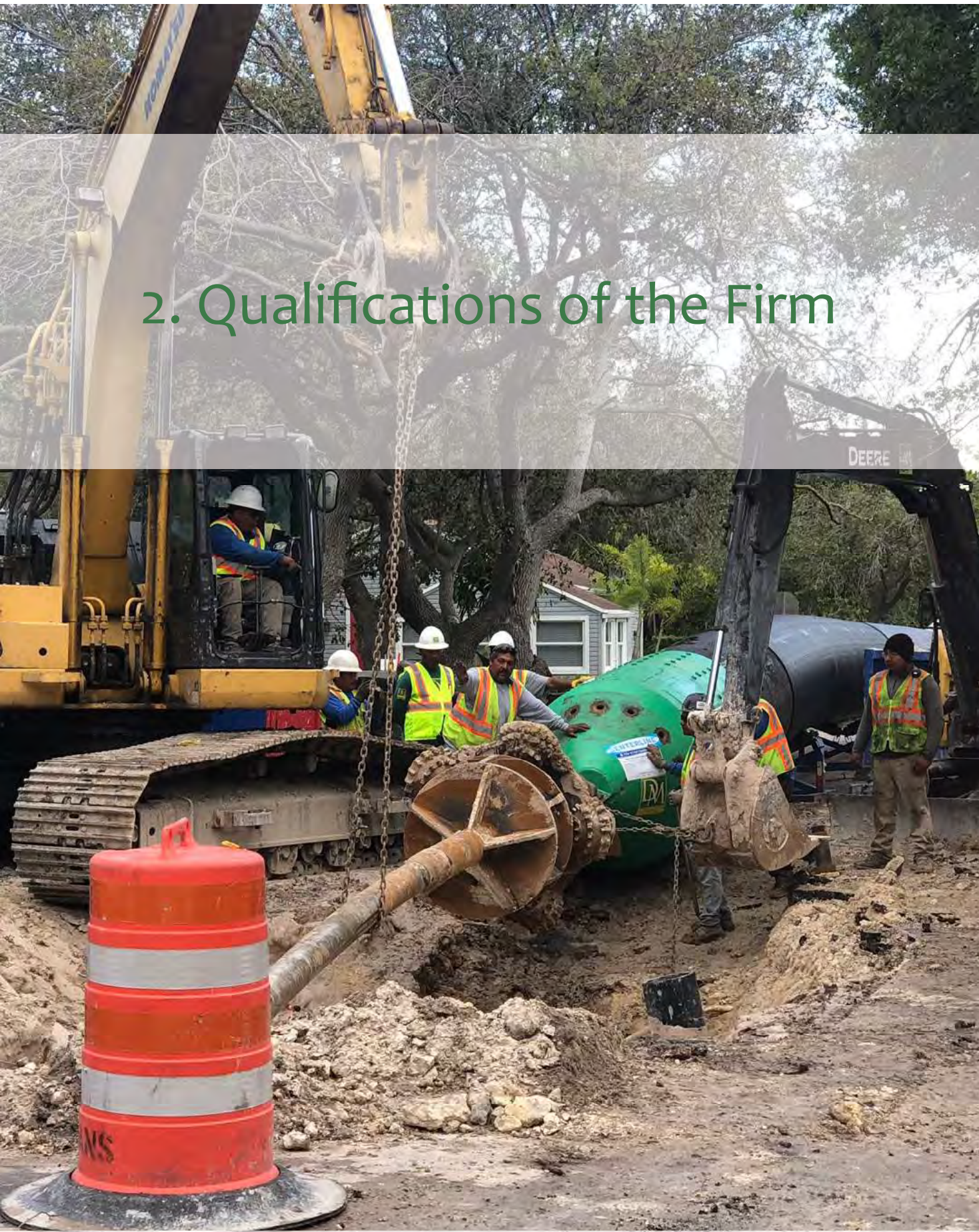
|  |  |
|--|--|
| <b>Legal Name of Proposer(s)</b>                     | David Mancini and Sons, Inc. (DMSI)      |
| <b>Federal Employee Identification (FEIN) Number</b> | 27-3716806                               |
| <b>Mailing Address, City, State, Zip</b>             | 2601 Wiles Road, Pompano Beach, FL 33073 |
| <b>Contact Person's Name</b>                         | David Mancini, Jr.                       |
| <b>Title</b>   | Vice President & Project Manager         |
| <b>Email Address</b>                                 | dmancinijr@dmsi.co                       |
| <b>Phone Number</b>                                  | (954) 977-3556                           |
| <b>Fax Number</b>                                    | (954) 944-2040                           |

Proposal Contact Person Information





## 2. Qualifications of the Firm



New River Water Watermain Extension - Phase 2, RFP# 12713-125





## 2. QUALIFICATIONS OF THE FIRM

### A. Minimum Qualifications

#### Contractor's Minimum Qualification Project Examples

Please refer to page 2-18 (J. Firm's Past Experience) for qualifications and project experience.

#### Bonding Capacity

Please refer to page 2-14 (G. Bonding Capacity) for our evidence of bonding capacity.

#### Licensure

Please see page 2-4 (C. Licensure) for our evidence of General Contractor license in the State of Florida. DMSI confirms we will maintain these licenses for the duration of the Design-Build Contract.

Please see page 2-5 (C. Licensure) for our evidence of Professional Engineering license in the State of Florida. CMA confirms we will maintain these licenses for the duration of the Design-Build Contract.

#### Engineer's Minimum Qualification Project Examples

Please refer to page 2-18 (J. Firm's Past Experience) for qualifications and project experience.

### B. Business Structure

The DMSI Team is a partnership of construction companies and engineering firms which will provide the City of Fort Lauderdale with depth of resources, industry leading professionals, and innovative solutions required for this watermain extension project. DMSI has assembled a team of local companies to provide the City of Ft. Lauderdale with comprehensive services for this project. Our Team has a positive track record working with the City of Ft. Lauderdale and other municipalities.

As you will be able to see throughout this proposal, the DMSI Team has designed and constructed more pipeline projects of similar or greater size and complexity than any other team. With an aggregate bonding capacity in excess of \$100 million, DMSI is recognized as one of the most technically advanced underground utility, HDD trenchless emergency work, road building and earth moving contractors in South Florida. Over the past 30 years, David Mancini, President and Qualifier of DMSI, has successfully delivered multiple design-build projects which accounted for more than \$150 M worth of their contracts. DMSI is recognized in the construction industry for completing the projects within time and budget.

The DMSI Team includes specialized construction and engineering firms who have an outstanding record of successfully completed similar projects in South Florida. Together, our team offers the City of Ft. Lauderdale unmatched expertise, depth of resources, collaborative relationship, and local experience. All of the Design-Build Team Key Personnel qualifications and experience perfectly match their proposed roles for this project.

Since taking over in 1985 as the third generation of Mancini Family Estate Succession Planning, DMSI's construction experience history now spans **FOUR GENERATIONS** and **SIX DECADES** of underground utility excellence. DMSI is a heavy civil general contractor and construction management firm headquartered in Deerfield Beach and Ft. Lauderdale, Florida since its inception. DMSI is defined by its employees - honest, experienced, forward-thinking, professional and hardworking. DMSI's team members form collaborative relationships with owners, developers, design teams, subcontractors and others to assist in delivering the most desirable and economical solution to the construction goal, reinforcing the company's reputation for superior workmanship and performance. DMSI's business philosophy is dedicated to trusting relationships, excellent service and workmanship that has enduring character and meeting or exceeding customer expectations every time.





**1st Generation** | In the Mid 1950's Charlie D'Agostini and his Brothers incorporated Northwest Construction, specializing in Underground Utility and Tunneling Construction within the Detroit, Michigan area.



**2nd Generation** | In 1958 Charlie D'Agostini's Daughter Gilda, married Richard Mancini and soon after he started working for Northwest Construction gaining experience as a general superintendent. In 1965 Richard Mancini, with the help of Charlie D'Agostini, incorporated Ric-Man Construction which specialized in underground utility and excavation construction throughout the State of Michigan.

**3rd Generation** | In 1981, Ric-Man Construction established a parallel operation in the State of Florida, in which David Mancini relocated to Florida and started working as a laborer for Ric-Man Construction, Inc. In 1983, Richard Mancini and his eldest son, David Mancini, formed Ric-Man International Inc. a Florida Corporation specializing in underground utility and excavation. In 1985 David Mancini was promoted to president of Ric-Man International until late 2010 when David Mancini resigned to incorporate David Mancini & Sons, Inc. (DMSI).



**4th Generation** | In October 2010, David Mancini, together with his sons David Jr. and Richard incorporated David Mancini & Sons, Inc. which specializes in streetscape, underground utility, roadwork and trenchless construction. When DMSI was incorporated over 70% of the staff from Ric-Man International Inc., ranging from key to field personnel joined DMSI bringing along extensive years of experience and teamwork to DMSI. Currently DMSI has a staff of over 70 employees.





The company specializes in delivering large-scale projects which entail difficult tasks, conditions and schedules. DMSI executes projects through a variety of delivery systems, ranging from traditional contracting arrangements to turnkey design-build as well as CM/GC project execution. Typical projects include, large diameter pipelines, underground utilities, commercial and industrial site developments and trenchless utility installations.

**DMSI's Team understands what is needed and will perform with the City of Ft. Lauderdale best interest in mind.** Integrating into the designers and contractors' team as well as coordinating efforts with stakeholders will require seasoned professionals with experience in neighborhood improvement projects. The DMSI Team brings confidence in project management water infrastructure engineering design and construction through verifiable experience on similar design-build projects. All of our Key personnel have experience in all elements of the scope of work and are 100% committed to the City of Ft. Lauderdale's successful implementation of this project.





## C. Licensure

### David Mancini and Sons, Inc. (DMSI)

**State of Florida  
Department of State**


I certify from the records of this office that DAVID MANCINI & SONS, INC. is a corporation organized under the laws of the State of Florida, filed on October 20, 2010, effective October 20, 2010.

The document number of this corporation is P10000086044.

I further certify that said corporation has paid all fees due this office through December 31, 2022, that its most recent annual report/uniform business report was filed on February 1, 2022, and that its status is active.

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

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the First day of February, 2022*



*Randy Bee*  
Secretary of State

Tracking Number: 0925229288CC

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

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**BRADWARD** CERTIFICATE OF COMPETENCY

FOR MAJOR ROADS (ASPHALT AND CONCRETE PAVING FOR INTERSTATE, PRIMARY, SECONDARY, AND ARTERIAL ROADWAYS AND AIRPORTS AND WORK INCIDENTAL THERETO)

00-1650-W  
MANCINI, DAVID A. - QUALIFYING  
DAVID MANCINI & SONS, INC.  
2091 WILES ROAD  
POMPANO BEACH FL 33071  
EXPIRES: 09/31/2023

Detach and SIGN the reverse side of this card IMMEDIATELY upon receipt. You should carry this card with you at all times. Contractor must obtain a photo I.D. Certificate of Competency Card every two years.

MANCINI, DAVID A.  
8835 NW 58 CT  
PARKLAND FL 330670000

BRADWARD COUNTY, FLORIDA  
CERTIFICATE OF COMPETENCY  
FOR MAJOR ROADS (ASPHALT AND CONCRETE PAVING FOR INTERSTATE, PRIMARY, SECONDARY, AND ARTERIAL ROADWAYS AND AIRPORTS AND WORK INCIDENTAL THERETO)  
00-1650-W MANCINI, DAVID A. - QUALIFYING  
DAVID MANCINI & SONS, INC.  
2091 WILES ROAD  
POMPANO BEACH FL 33073  
EXPIRES: 09/31/2023

800-007 (Rev. 1/10) FC02047908

### Chen Moore and Associates (CMA)

**State of Florida  
Department of State**

I certify from the records of this office that CHEN MOORE AND ASSOCIATES, INC. is a corporation organized under the laws of the State of Florida, filed on November 7, 1986.

The document number of this corporation is J41454.

I further certify that said corporation has paid all fees due this office through December 31, 2022, that its most recent annual report/uniform business report was filed on January 25, 2022, and that its status is active.

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

*Given under my hand and the  
Great Seal of the State of Florida  
at Tallahassee, the Capital, this  
the Twenty-fifth day of January,  
2022*



*Randy Bee*  
Secretary of State

Tracking Number: 3799915237CC

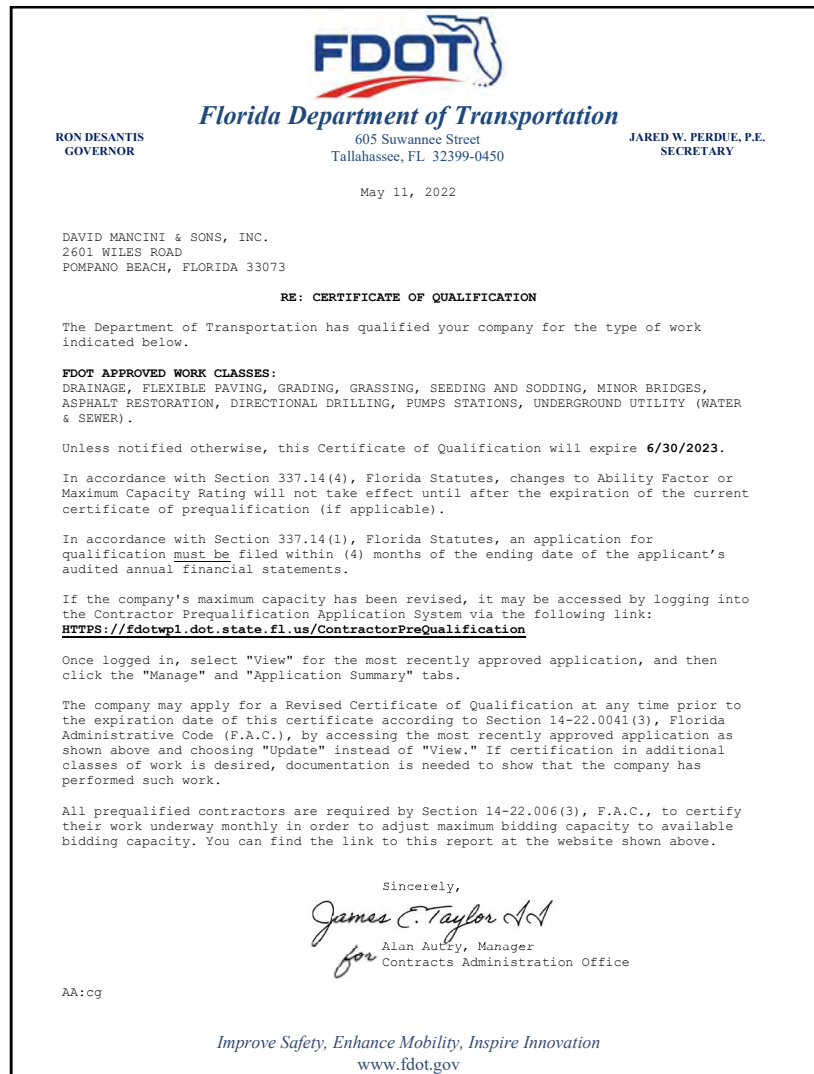
To authenticate this certificate, visit the following site, enter this number, and then follow the instructions displayed.

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

Qualifications of the Firm



# David Mancini and Sons, Inc. (DMSI)



## FDOT Certificate of Qualification


Qualifications of the Firm





# Chen Moore and Associates (CMA)





**Florida Department of Transportation**

RON DESANTIS GOVERNOR      605 Suwannee Street Tallahassee, FL 32399-0450      KEVIN J. THIBAUT, P.E. SECRETARY

October 20, 2021

Peter Moore, President  
 CHEN MOORE AND ASSOCIATES, INC.  
 d/b/a FRED WILSON AND ASSOCIATES A CMA COMPANY  
 500 West Cypress Creek Road, Suite 630  
 Fort Lauderdale, Florida 33309

Dear Mr. Moore:

The Florida Department of Transportation has reviewed your application for prequalification package and determined that the data submitted is adequate to technically prequalify your firm for the following types of work:

- Group 3 - Highway Design - Roadway
  - 3.1 - Minor Highway Design
  - 3.2 - Major Highway Design
  - 3.3 - Controlled Access Highway Design
- Group 7 - Traffic Operations Design
  - 7.1 - Signing, Pavement Marking and Channelization
  - 7.2 - Lighting
  - 7.3 - Signalization
- Group 10 - Construction Engineering Inspection
  - 10.1 - Roadway Construction Engineering Inspection
- Group 13 - Planning
  - 13.6 - Land Planning/Engineering
- Group 15 - Landscape Architect

Your firm is now technically prequalified with the Department for Professional Services in the above referenced work types. The overhead audit has been accepted, and your firm may pursue projects in the referenced work types with fees of any dollar amount. This status shall be valid until June 30, 2022, for contracting purposes.

| Approved Rates        |                                  |                  |                           |                     |
|-----------------------|----------------------------------|------------------|---------------------------|---------------------|
| Home/ Branch Overhead | Facilities Capital Cost of Money | Premium Overtime | Reimburse Actual Expenses | Home Direct Expense |
| 188.33%*              | 0.198%*                          | Reimbursed       | No                        | 2.20%*              |

\*Interim Rates

*Safety, Mobility, Innovation*  
www.fdot.gov


Qualifications of the Firm

## FDOT Unlimited Notice of Qualifications



# David Mancini and Sons, Inc. (DMSI)

THE OFFICIAL SITE OF THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION


 Department of Business & Professional Regulation
 
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**LICENSEE DETAILS**

**Licensee Information**

|               |   |
|---------------|---|
| Name:         | MELEHAN, FRANCIS PATRICK (Primary Name)   |
| Main Address: | DAVID MANCINI & SONS, INC (DBA Name)<br>26124 N TURKEY CREEK ROAD<br>EVERGREEN Colorado 80439 |

**License Information**

|                 |                              |
|-----------------|------------------------------|
| License Type:   | Certified General Contractor |
| Rank:           | Cert General                 |
| License Number: | CGC1506008                   |
| Status:         | Current_Active               |
| Licensure Date: | 08/21/2003                   |
| Expires:        | 08/31/2022                   |


**Special Qualifications** Qualification Effective

|                       |            |
|-----------------------|------------|
| Construction Business | 08/02/2019 |
|-----------------------|------------|

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**LICENSEE DETAILS**

**Licensee Information**

|               |  |
|---------------|--|
| Name:         | MANCINI, DAVID A (Primary Name)<br>DAVID MANCINI & SONS, INC. (DBA Name) |
| Main Address: | 2601 WILKS ROAD<br>POMPANO BEACH Florida 33073                           |
| County:       | BROWARD  |

**License Information**

|                 |   |
|-----------------|---|
| License Type:   | Certified Underground Utility and Excavation Contractor |
| Rank:           | Cert Under  |
| License Number: | CUC044220   |
| Status:         | Current_Active  |
| Licensure Date: | 03/28/1988  |
| Expires:        | 08/31/2022  |

**Special Qualifications** Qualification Effective


|                       |            |
|-----------------------|------------|
| Construction Business | 01/26/2011 |
|-----------------------|------------|

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# Chen Moore and Associates (CMA)

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 Department of Business & Professional Regulation
 
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[Unlicensed Activity Search](#)  
[AB&T Delinquent Invoice & Activity List Search](#)

**LICENSEE DETAILS**

**Licensee Information**

|               |   |
|---------------|---|
| Name:         | CHEN MOORE AND ASSOCIATES, INC. (Primary Name)                  |
| Main Address: | 500 W. CYPRESS CREEK ROAD #630<br>FORT LAUDERDALE Florida 33309 |
| County:       | BROWARD   |

**License Information**

|                 |            |
|-----------------|------------|
| License Type:   | Registry   |
| Rank:           | Registry   |
| License Number: | 4593       |
| Status:         | Current    |
| Licensure Date: | 01/09/1987 |
| Expires:        |            |

**Special Qualifications** Qualification Effective

|  |  |
|--|--|
|  |  |
|--|--|

**Alternate Names**

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Qualifications of the Firm





# Business Tax Receipts

## David Mancini and Sons, Inc. (DMSI)

**BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT**  
 115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-831-4000  
**VALID OCTOBER 1, 2021 THROUGH SEPTEMBER 30, 2022**

DBA: DAVID MANCINI & SONS INC  
 Business Name: DAVID MANCINI & SONS INC  
 Owner Name: DAVID MANCINI  
 Business Location: 2601 WILDES ROAD POMPANO BEACH  
 Business Phone: 954-977-3556

Receipt #: 189-238757  
 Business Type: ALL OTHER TYPES CONTRACTOR (GENERAL CONTRACTOR)  
 Business Opened: 01/27/2011  
 State/County/Cert/Reg: CUC044220  
 Exemption Code:

| Rooms | Seats | Employees | Machines | Professionals |
|-------|-------|-----------|----------|---------------|
| 17    |       |           |          |               |

| For Vending Business Only |              |         |         |             |                 |            |
|---------------------------|--------------|---------|---------|-------------|-----------------|------------|
| Number of Machines        | Vending Type |         |         | Prior Years | Collection Cost | Total Paid |
| Tax Amount                | Transfer Fee | NSF Fee | Penalty |             |                 |            |
| 27.00                     | 0.00         | 0.00    | 0.00    | 0.00        | 0.00            | 27.00      |

**THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS**

**THIS BECOMES A TAX RECEIPT** This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

**WHEN VALIDATED**

Mailing Address:  
 DAVID MANCINI & SONS INC  
 2601 WILDES ROAD  
 POMPANO BEACH, FL 33073

Receipt #NW-20-00232485  
 Paid 08/25/2021 27.00

2021 - 2022

**BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT**  
 115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-831-4000  
**VALID OCTOBER 1, 2021 THROUGH SEPTEMBER 30, 2022**

DBA: DAVID MANCINI & SONS INC  
 Business Name: DAVID MANCINI & SONS INC  
 Owner Name: DAVID MANCINI  
 Business Location: 2601 WILDES ROAD POMPANO BEACH  
 Business Phone: 954-977-3556

Receipt #: 189-238757  
 Business Type: ALL OTHER TYPES CONTRACTOR (UNDERGROUND UTILITY & EXCAVATION)  
 Business Opened: 01/27/2011  
 State/County/Cert/Reg: CUC044220  
 Exemption Code:

| Rooms | Seats | Employees | Machines | Professionals |
|-------|-------|-----------|----------|---------------|
| 17    |       |           |          |               |

| For Vending Business Only |              |         |         |             |                 |            |
|---------------------------|--------------|---------|---------|-------------|-----------------|------------|
| Number of Machines        | Vending Type |         |         | Prior Years | Collection Cost | Total Paid |
| Tax Amount                | Transfer Fee | NSF Fee | Penalty |             |                 |            |
| 27.00                     | 0.00         | 0.00    | 0.00    | 0.00        | 0.00            | 27.00      |

Signature

Receipt #NW-20-00232485  
 Paid 08/25/2021 27.00

**BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT**  
 115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-831-4000  
**VALID OCTOBER 1, 2021 THROUGH SEPTEMBER 30, 2022**

DBA: DAVID MANCINI & SONS INC  
 Business Name: DAVID MANCINI & SONS INC  
 Owner Name: FRANCIS PATRICK MEEHRAN  
 Business Location: 2601 WILDES ROAD POMPANO BEACH  
 Business Phone: 954-977-3556

Receipt #: 189-306556  
 Business Type: GENERAL CONTRACTOR (GENERAL CONTRACTOR)  
 Business Opened: 08/02/2019  
 State/County/Cert/Reg: CUC1506008  
 Exemption Code:

| Rooms | Seats | Employees | Machines | Professionals |
|-------|-------|-----------|----------|---------------|
| 10    |       |           |          |               |

| For Vending Business Only |              |         |         |             |                 |            |
|---------------------------|--------------|---------|---------|-------------|-----------------|------------|
| Number of Machines        | Vending Type |         |         | Prior Years | Collection Cost | Total Paid |
| Tax Amount                | Transfer Fee | NSF Fee | Penalty |             |                 |            |
| 27.00                     | 0.00         | 0.00    | 0.00    | 0.00        | 0.00            | 27.00      |

**THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS**

**THIS BECOMES A TAX RECEIPT** This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

**WHEN VALIDATED**

Mailing Address:  
 DAVID MANCINI & SONS INC  
 2601 WILDES ROAD  
 POMPANO BEACH, FL 33073

Receipt #NW-20-00232483  
 Paid 08/25/2021 27.00

2021 - 2022

**BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT**  
 115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-831-4000  
**VALID OCTOBER 1, 2021 THROUGH SEPTEMBER 30, 2022**

DBA: DAVID MANCINI & SONS INC  
 Business Name: DAVID MANCINI & SONS INC  
 Owner Name: FRANCIS PATRICK MEEHRAN  
 Business Location: 2601 WILDES ROAD POMPANO BEACH  
 Business Phone: 954-977-3556

Receipt #: 189-306556  
 Business Type: GENERAL CONTRACTOR (GENERAL CONTRACTOR)  
 Business Opened: 08/02/2019  
 State/County/Cert/Reg: CUC1506008  
 Exemption Code:

| Rooms | Seats | Employees | Machines | Professionals |
|-------|-------|-----------|----------|---------------|
| 10    |       |           |          |               |

| For Vending Business Only |              |         |         |             |                 |            |
|---------------------------|--------------|---------|---------|-------------|-----------------|------------|
| Number of Machines        | Vending Type |         |         | Prior Years | Collection Cost | Total Paid |
| Tax Amount                | Transfer Fee | NSF Fee | Penalty |             |                 |            |
| 27.00                     | 0.00         | 0.00    | 0.00    | 0.00        | 0.00            | 27.00      |

Signature

Receipt #NW-20-00232483  
 Paid 08/25/2021 27.00

Business Tax Office  
 150 NE 2<sup>nd</sup> Ave.  
 Deerfield Beach, FL 33441  
 Phone: (954) 480-4333  
 E-mail: web.btr@deerfield-beach.com

**Business Tax Receipt**  
**2<sup>nd</sup> Renewal Invoice**  
**2021-2022**  
 License Number: 21-00031642

DAVID MANCINI & SONS INC  
 Classification: EXCAVATION WORK  
 2601 WILDES RD  
 Business Location: 2601 NW 48 ST  
 Services: UNDERGROUND UTILITY / EXCAVATION  
 COCONUT CREEK FL 33073  
 Control Number: 0001930

|                      |                    |                  |                             |
|----------------------|--------------------|------------------|-----------------------------|
| Tax Amount: \$ 58.80 | Add Fees: \$ 64.80 | Penalty: \$ 0.00 | Total Amount Due: \$ 123.60 |
|----------------------|--------------------|------------------|-----------------------------|

If paying by mail, return this portion with your payment. Make checks payable to the City of Deerfield Beach.

| Add. Fee Description:     | Amount:                 |
|---------------------------|-------------------------|
| SQUARE FOOTAGE OVER 5K    | 30.00000 X 0.20 = 6.00  |
| UTILITY/UNDERGROUND CONTR | 58.80000 X 1.00 = 58.80 |

**\*\*\* 2021-2022 Business Tax Receipt Renewal Invoice \*\*\***

- Payment is due on September 30th. Late penalties will be assessed as follows: if payment is received in Oct - 10%, Nov - 15%, Dec - 20%, after December - 25%.
- If you are no longer in business, please notify the Business Tax Office at (954)480-4333 or e-mail web.btr@deerfield-beach.com.
- A change of business name, ownership, or business location requires a new business tax receipt. Contact the Business Tax Office or visit the website at <http://www.deerfield-beach.com/businessstax> to download a new application and Certificate of Use application.
- If renewing through mail or in person, all businesses that require a State and/or County license must submit a copy of the current license with the renewal payment.
- Contractors must submit a copy of the current contractor's license and liability insurance.
- Auto Body, Auto Repair shops, & Gasoline Stations must submit updated copy of liability insurance and State License.

Any person who engages in any business, occupation or profession, who does not pay the required business tax within 150 days after the initial notice of tax due, and who does not obtain the required receipt is subject to civil actions and penalties, including court costs, reasonable attorneys' fees, additional administrative costs incurred as a result of collection efforts, and a penalty of up to \$250.

Qualifications of the Firm



# Chen Moore and Associates (CMA)

## BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT

115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-831-4000  
VALID OCTOBER 1, 2021 THROUGH SEPTEMBER 30, 2022

DBA: CHEN MOORE & ASSOCIATES INC Receipt #: 315-650  
Business Name: CHEN MOORE & ASSOCIATES INC Business Type: ENGINEER (CORP OFFICE (ENGINEERS))  
Owner Name: PETER MOORE Business Opened: 01/13/1987  
Business Location: 500 W CYPRESS CREEK RD SUITE State/County/Cert/Reg: 3266  
FT LAUDERDALE Exemption Code:  
Business Phone: 954-730-0707

| Rooms | Seats | Employees | Machines | Professionals |
|-------|-------|-----------|----------|---------------|
|       |       | 1         |          |               |

| Number of Machines: |              | For Vending Business Only |         | Vending Type: |                 | Total Paid |
|---------------------|--------------|---------------------------|---------|---------------|-----------------|------------|
| Tax Amount          | Transfer Fee | NSF Fee                   | Penalty | Prior Years   | Collection Cost | Total Paid |
| 30.00               | 0.00         | 0.00                      | 0.00    | 0.00          | 0.00            | 30.00      |

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

**THIS BECOMES A TAX RECEIPT** This tax is levied for the privilege of doing business within Broward County and is non-regulatory in nature. You must meet all County and/or Municipality planning and zoning requirements. This Business Tax Receipt must be transferred when the business is sold, business name has changed or you have moved the business location. This receipt does not indicate that the business is legal or that it is in compliance with State or local laws and regulations.

**Mailing Address:**  
CHEN MOORE AND ASSOCIATES INC  
500 W CYPRESS CREEK RD SUITE  
630  
FORT LAUDERDALE, FL 33309  
Receipt #: WWW-20-00216639  
Paid 07/02/2021 30.00

2021 - 2022

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| 30.00               | 0.00         | 0.00                      | 0.00    | 0.00          | 0.00            | 30.00      |

Receipt #: WWW-20-00216639  
Paid 07/02/2021 30.00



## CITY OF FORT LAUDERDALE BUSINESS TAX YEAR 2021-2022

Business Tax Division  
700 NW 19TH AVE., FORT LAUDERDALE, FL 33311 | (954) 828 - 5195

Business ID: BL-1200321 Business Name: CHEN:HSEUH HAI BEN  
Business Address: 500 NW 62 ST # 630  
CHEN:HSEUH HAI BEN  
500 NW 62 ST # 630  
FORT LAUDERDALE FL 33309

TAX CATEGORIES  
408800 ENGINEER

Contact: CHEN:HSEUH HAI BEN

- This Receipt is issued for the period commencing October 1st and ending September 30th of the years shown above.
- If you have closed or moved out of the city, please email [businesstax@fortlauderdale.gov](mailto:businesstax@fortlauderdale.gov), and include the Business ID #.
- A transfer of business location within city limits is subject to zoning approval. Complete a Business Tax Transfer Application online to obtain the necessary approval. A transfer fee of 10% of the Business Tax fee applies, not less than \$3.00, no more than \$25.00.
- If you have sold your business, please email a copy of the Bill of Sale to [businesstax@fortlauderdale.gov](mailto:businesstax@fortlauderdale.gov), and include the Business ID#. A transfer of ownership will incur a transfer fee of 10% of the Business Tax fee, not less than \$3.00, no more than \$25.00.

Please be advised that this issuance of a Business Tax Receipt establishes that the business you intend to conduct is a use permitted by the City Zoning Code for the location at which you intend to operate. The issuance of a Business Tax Receipt in no way certifies that the property located at this address is in compliance with other provisions of the City Code of Ordinances.

700 NW 19TH AVE.  
Fort Lauderdale, FL 33311  
TEL 954 828 5195  
WWW.FORTLAUDERDALE.GOV

## D. Key Personnel

DMSI has assembled a team of professionals with experience and expertise in the areas required to meet the goals and objectives of the City of Fort Lauderdale. We have all the professionals needed to provide a wide range of technical services to the City. For detailed information please refer to our team's resumes in Section 3 "Qualifications of the Team". Our Design-Build Team consists of the following firms:



### David Mancini & Sons, Inc.

2601 Wiles Road, Pompano Beach, FL 33073  
Tel: (954) 977-3556 Fax: (954) 944-2040  
Contact: David Mancini, Jr., Vice President  
Email: [dmancinijr@dmsi.com](mailto:dmancinijr@dmsi.com)



### Chen Moore and Associates, Inc. (CMA)

500 W Cypress Crk Rd, Ste 630, Fort Lauderdale, FL 33309  
Tel: (954) 730-0707 Ext 1085 Fax: (954) 730-2030  
Contact: Daniel Davila, P.E., Director of Water & Sewer  
Email: [ddavila@chenmoore.com](mailto:ddavila@chenmoore.com)

Qualifications of the Firm





## The DMSI Team Key Personnel



**David Mancini Jr. - Project Manager (DMSI)**  
Phone: (754) 264-9594 | Email: [dmancinijr@dmsi.co](mailto:dmancinijr@dmsi.co)

David A. Mancini Jr. has over 15 years of construction experience in South Florida. As a field laborer, David Mancini Jr. began his career in construction at only 15 years old, working on various construction projects for City Municipalities. As a Construction Manager of David Mancini and Sons, Inc., David administers all construction operations, residential public relations, and coordination regarding the construction projects. His specialization and experience is in neighborhood improvement projects, water main replacements, private property experience is in neighborhood improvement projects, water main replacements, private property. His management practice consists of a “first person on site and last person to leave” attitude. David’s main priority in administering construction operations is limiting at all cost the impact construction operations may impose on the residents.



**Daniel Davila - Design Manager (CMA)**  
Phone: (954) 730-0707 ext 1085 | Email: [ddavila@chenmoore.com](mailto:ddavila@chenmoore.com)

Daniel Davila, P.E. serves as Director of Water and Sewer for CMA’s engineering team and over 22 years of civil engineering experience. Mr. Davila has extensive experience designing a variety of water and wastewater facilities, utilities master planning, and has worked on thousands of linear feet of water and sewer utility infrastructure renewal/replacement projects. He has served as project manager, Engineer of Record or Senior Engineer for more than 40 horizontal direction drill projects, including thousands of linear feet of watermain and forcemain projects that range from 6” in diameter up to 54” transmission lines, as well as for the design of several intracoastal crossings that range from 14” to 48” in diameter. Mr. Davila is an expert on large pipeline design and Trenchless technologies having worked on dozens of Horizontal Directional Drilling (HDD), pipe bursting and HDPE compression-fit lining projects in Florida, Central America and the Caribbean. He is responsible for the implementation of the internal quality assurance process including the review of all documentations to ensure quality control has been completed at each phase of the design process.



**Onique Williams - General Superintendent (DMSI)**  
Phone: (561) 400-6062 | Email: [owilliams@dmsi.co](mailto:owilliams@dmsi.co)

Onique Williams has over 12 years of construction experience in South Florida. Mr. Williams, helped start and build DMSI when it first opened it’s doors, Onique’s career at DMSI is truly a “from the bottom-up” scenario. His positions at DMSI have included personally installing water services to superintending design build large-diameter transmission force mains. Most recently, successfully completed 15,000 LF Design Build of 48-inch PCCP through utility infested and politically sensitive Miami’s Wynwood Business Improvemtn District, Midtown Miami Community Development District, and Miami Design District.



**Richard Mancini - Project Quality Control Manager (DMSI)**  
Phone: (954) 242-8763 | Email: [rmancini@dmsi.co](mailto:rmancini@dmsi.co)

Mr. Richard Mancini has over 9 years’ experience in accounting, construction management and cost estimating in the field of underground utility, roadwork and all facets of civil construction. Richard has always been fascinated with the underground industry since a young age, where he would spend his days after school playing and pretend driving all the equipment in our storage yard and starting around 10 years old. Fast forward to present day, Richie is fully immersed in the day to day business of running large diameter pipeline projects for just shy of 4 years.





**Shahin Hekmat, P.E.- QA/QC Engineer (CMA)**

**Phone: (954) 730-0707 ext 1226 | Email: shekmat@chenmoore.com**

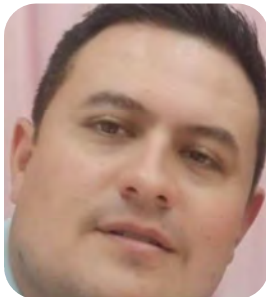
Shahin Hekmat, P.E. is Director of Quality Assurance with CMA. He has over 32 years of experience in engineering design and project management related to public and private projects. He has served as the City Engineer for the City of Weston; Consulting Engineer for the Cities of Sunny Isles Beach, Dania-Beach, Lauderhill and North Lauderdale; and District Engineer for South Broward Drainage District, Indian Trace Development District, Bonaventure Development District and North Lauderdale Water Control District. His design experience includes water and sewer utilities for the public sector, large diameter pipeline, specifically design of water distribution systems, sanitary sewer collection and disposal systems, paving, grading, permitting, construction oversight, and project closeout.



**Roberto Lamazares, P.E.- Scheduler/Project Controls Specialist (DMSI)**

**Phone: (786) 327-6176 | Email: rlamazares@dmsi.co**

Mr. Lamazares has over 11 years of experience as a Civil Engineer in the design of water and sewer projects, including Water Mains, Gravity Sewer, and Force Mains design for several Municipalities. He is experienced in project management, design, and post-design of several types of pipeline projects with a variety of pipe materials. His experience as a designer includes the use of several installation technologies such as Open-Cut, Microtunneling, and Horizontal Directional Drill. He has also been involved in the utility coordination process, as-built reviews, permitting, and construction cost estimates. Mr. Lamazares' experience also includes the design of dewatering and storm water pollution prevention plans, development of project schedules and shop drawing review. He is also FDOT certified in Traffic Control and has design MOT Plans for pipeline installation in urban areas. He is highly proficient in AutoCAD Civil 3D and hydraulic modeling software.



**Alejandro Mejia- Project Health and Safety Manager (DMSI)**

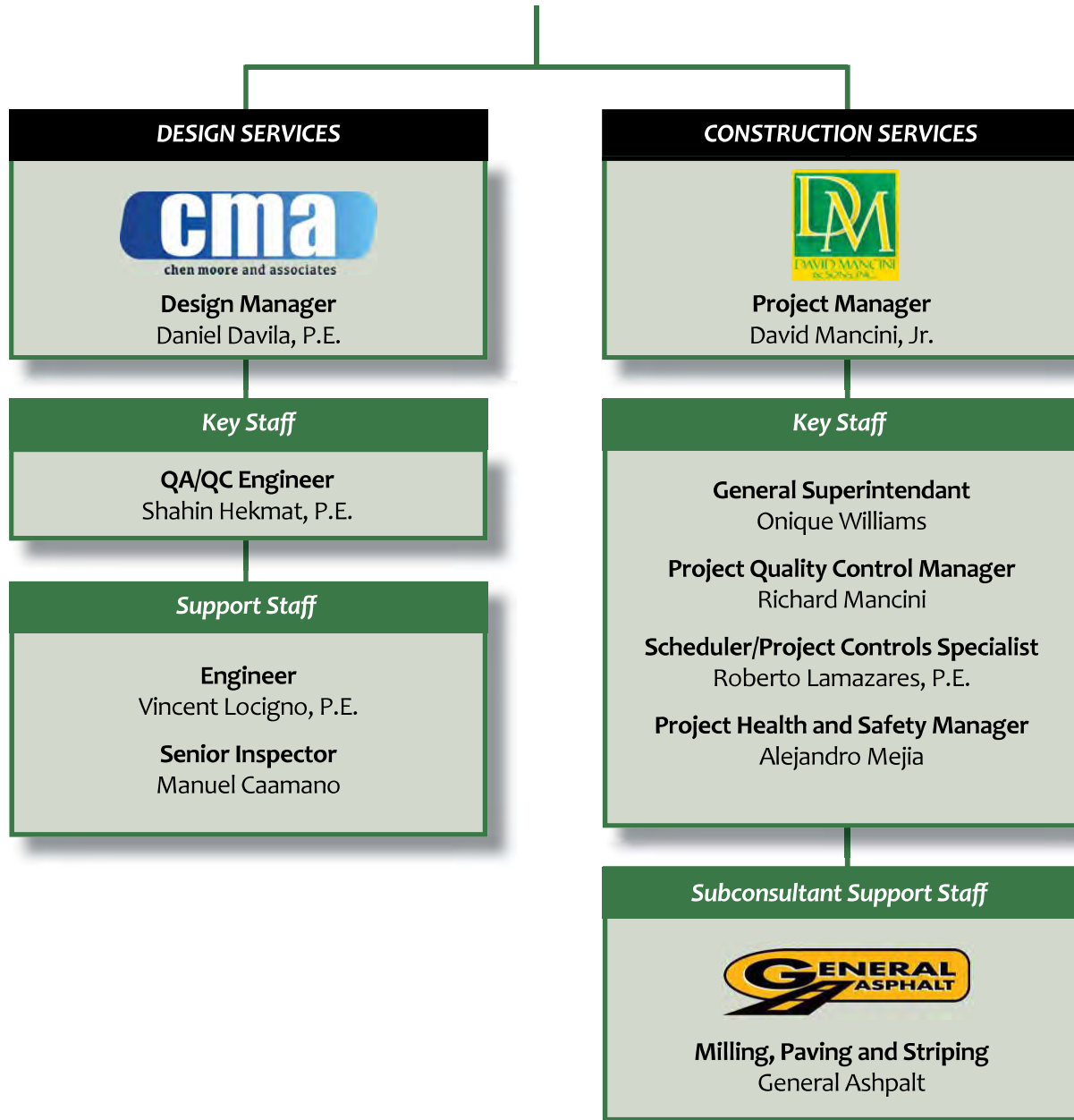
**Phone: (786) 763-3445 | Email: amejia@dmsi.co**

Mr. Mejia has over 16 years' experience in accounting, construction management and cost estimating in the field of underground utility, roadwork and all facets of civil construction. Alejandro Mejia has over 16 years of experience overseeing municipal projects in highly urban environments, airports throughout Dade County, Broward County, Florida including storm sewer projects, storm sewer pump stations, sanitary sewer, force mains, water mains, roadway, and neighborhood improvement projects over the past decade.





# E. Organizational Chart



Qualifications of the Firm







## G. Bonding Capacity



August 10, 2022

City of Fort Lauderdale  
100 N. Andrews Avenue  
Fort Lauderdale, FL 33301

RE: **David Mancini & Sons, Inc.,  
RFP # 12713-125 - Design and Build - New River Water Watermain  
Extension- Phase 2**

To Whom It May Concern:

It is the privilege of Zervos Group, Inc. and Travelers Casualty and Surety Company of America to provide surety bonds on behalf of David Mancini & Sons, Inc. In our opinion, David Mancini & Sons, Inc. is properly financed, well-equipped and capably managed.

At the present time, Travelers Casualty and Surety Company of America provides a \$80,000,000.00 single project/\$135,000,000.00 aggregate surety program to David Mancini & Sons, Inc. As always, Travelers Casualty and Surety Company of America reserves the right to perform normal underwriting at the time of any bond request, including, without limitation, prior review and approval of relevant contract documents, bond forms, and project financing. We assume no liability to The City of Fort Lauderdale or its affiliates if for any reason we do not execute such bonds.

Travelers Casualty and Surety Company of America is listed on the U. S. Treasury Department's Listing of Approved Sureties (2021 Department Circular 570), and is rated "A++" (Superior) with a Financial Size Category of XV (\$2Billion or greater) by A. M. Best Company.

Sincerely,

Travelers Casualty and Surety Company of America

By: Courtney Trevor  
Courtney Trevor, Attorney-In-Fact

24724 Farmbrook Road • P.O. Box 2067 • Southfield, Michigan 48037-2067  
4443 Lyons Road • Suite D-212 • Coconut Creek, Florida 33073  
(248) 355-4411 • Fax (248) 355-2175



**Travelers Casualty and Surety Company of America  
Travelers Casualty and Surety Company  
St. Paul Fire and Marine Insurance Company**

**POWER OF ATTORNEY**

**KNOW ALL MEN BY THESE PRESENTS:** That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Courtney Trevor** of **SOUTHFIELD** their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

**IN WITNESS WHEREOF**, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April**, 2021.



State of Connecticut

City of Hartford ss.

By:   
Robert L. Raney, Senior Vice President

On this the **21st** day of **April**, 2021, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

**IN WITNESS WHEREOF**, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, 2026



  
Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

**RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

**FURTHER RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

**FURTHER RESOLVED**, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

**FURTHER RESOLVED**, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **10th** day of **August**, 2022



  
Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.  
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.



## H. Workload of the Firm

| CURRENT WORKLOAD |  |              |                  |                       |        |
|------------------|--|--------------|------------------|-----------------------|--------|
| PROJECT ID       | PROJECT  | VALUE        | % WORK REMAINING | STATUS                | BONDED |
| 21-PL.SPS3       | City of Plantation - Lift Station #3 Replacement                               | \$887,764    | 30%              | On-going Construction | Yes    |
| 22-MD.BKEY       | Miami-Dade Water and Sewer - Brickell Key, Emergency Force Main Repair         | \$2,477,716  | 10%              | On-going Construction | Yes    |
| 22-SU.BOWM       | City of Sunrise - Bonaventure Service Line and Water Main Replacement          | \$2,215,325  | 70%              | On-going Construction | Yes    |
| 21-NM.NE35       | City of North Miami Beach - NE 35th Avenue Roadway and Water Main Improvements | \$4,700,000  | 45%              | On-going Construction | Yes    |
| 21-FL.EDGE       | City of Fort Lauderdale - Edgewood Stormwater Improvements                     | \$14,471,533 | 60%              | On-going Construction | Yes    |
| 21-MD.EM72       | Installation 10" HDPE Sewer Force Main Canal Xing & 60" Plug Valve             | \$1,440,000  | 20%              | On-going Construction | Yes    |
| 21-DB.3AVE       | NE 3rd Ave Streetscape Delray Beach Streetscape & Drainage WO#086899.00        | \$1,682,854  | 5%               | On-going Construction | Yes    |

The company specializes in delivering large-scale projects which entail difficult tasks, conditions and schedules. DMSI executes projects through a variety of delivery systems, ranging from traditional contracting arrangements to turnkey design-build as well as CM/GC project execution. Typical projects include, large diameter pipelines, underground utilities, commercial and industrial site developments and trenchless utility installations.

DMSI's Team understands what is needed and will perform with the City of Ft. Lauderdale best interest in mind. Integrating into the designers and contractors' team as well as coordinating efforts with stakeholders will require seasoned professionals with experience in neighborhood improvement projects. The DMSI Team brings confidence in project management water infrastructure engineering design and construction through verifiable experience on similar design-build projects. All of our Key personnel have experience in all elements of the scope of work and are 100% committed to the City of Ft. Lauderdale's successful implementation of this project.

| LIST OF ALL PROJECTS COMPLETED WITHIN THE PAST FIVE (5) YEARS                            |                          |                 |            |                 |
|--|--------------------------|-----------------|------------|-----------------|
| PROJECT  | OWNER                    | CONTRACT AMOUNT | STATE DATE | COMPLETION DATE |
| Madelaine Village Apartments Seawall Replacement   | City of Miami Beach      | \$400,513.00    | 7/30/2021  | 3/25/2022       |
| Ne 8th Ct Drainage Improvements  | City of Delray Beach     | \$376,480.00    | 10/1/2021  | 2/15/2022       |
| 8" HDD Point Lake Canal Subaqueous Water Main Crossing To Biscayne Island                | City of Surfside         | \$179,754.00    | 6/1/2021   | 9/30/2020       |
| Morning Side Park Drainage Ne 55th Terrace   | City of Miami            | \$48,480.00     | 3/4/2021   | 5/6/2021        |
| 48" Slip Lining Emergency Culvert Replacement NW 57 Ave & NW 186 St - Tropical Storm Eta | Miami-Dade County - FDOT | \$402,298.00    | 9/15/2021  | 11/30/2021      |
| Ne 8th Ct Drainage Improvements  | City of Delray Beach     | \$376,480.00    | 10/1/2021  | 2/15/2022       |
| Coral Shores Small Water Mains Design Build RFP # 12390-906 Project # P12463             | City of Fort Lauderdale  | \$1,280,000.00  | 6/1/2021   | 12/31/2021      |

**LIST OF ALL PROJECTS COMPLETED WITHIN THE PAST FIVE (5) YEARS**

|   |                                     |                 |            |            |
|---|-------------------------------------|-----------------|------------|------------|
| Pump Sta B-4 Redundant Force Main Design Build RFP 12470-416 P12567               | City of Fort Lauderdale             | \$2,682,197.00  | 7/5/2021   | 1/30/2022  |
| Museum Park Retaining Wall WO#069691.00   | City of Miami                       | \$245,836.00    | 9/20/2021  | 10/22/2021 |
| Joc Speed Reduction Signage Citywide Neighborhood                                 | City of Miami                       | \$285,162.00    | 10/23/2020 | 3/22/2021  |
| Emergency Repair (3) Stormwater Deep Injection Wells Brickell Ave Pump Station    | City of Miami                       | \$286,798.00    | 9/16/2020  | 2/13/2021  |
| Alice Wainwright Park Seawall 2845 Brickell Ave                                   | City of Miami                       | \$5,856,446.00  | 11/30/2020 | 12/30/2021 |
| Emergency Culvert Repair at SW 137th Avenue & Bird Road                           | Miami-Dade County Public Works      | \$811,380.00    | 7/27/2020  | 1/23/2021  |
| Park Of Commerce Phase 1b Infrastructure Improvements FDOT Project#443364-1-54-01 | City of Lake Worth Beach            | \$1,695,685.00  | 2/10/2020  | 4/8/2021   |
| New River 16" Wm Crossing Central New River Along Se 1st Ave                      | City of Fort Lauderdale             | \$804,202.00    | 4/10/2020  | 1/8/2021   |
| Db Install New Redundant 48" Bypass Line Force Main Southside                     | City of Fort Lauderdale             | \$28,908,007.00 | 1/24/2020  | 6/15/2021  |
| Cocoplum 1 Sanitary Pump Sta & Force Main Upgrade                                 | City of Coral Gables                | \$2,308,765.00  | 2/7/2020   | 1/15/2021  |
| Country Club Village Water Main Infrastructure Upgrades Bid No 2019-029           | City of Boca Raton                  | \$5,670,195.00  | 4/21/2020  | 6/1/2022   |
| Citywide Tidal Valve Installations, 40-B193800                                    | City of Miami                       | \$2,156,876.00  | 6/13/2019  | 1/26/2021  |
| Biscayne Bay Tidal Valves & Stormwater Improvements B193800                       | City of Miami                       | \$1,465,236.00  | 3/10/2019  | 1/26/2021  |
| Spring Garden Park Seawall 601 NW 7th St Spring Garden Point Park                 | City of Miami                       | \$1,526,427.00  | 10/15/2019 | 12/14/2020 |
| American Airlines Arena Ph 3 AA Arena East Side                                   | City of Miami                       | \$1,364,375.00  | 4/19/2021  | 8/2/2021   |
| Cruise Terminals B&C Conversion To C Waterside Improvements PortMiami             | Miami-Dade PortMiami                | \$4,338,560.00  | 6/14/2019  | 1/15/2022  |
| Emergency Repairs to 72" & 54" Force Main at Biscayne Blvd & NE 156th Street      | Miami-Dade Water & Sewer Department | \$4,424,443.00  | 2/22/2019  | 2/14/2020  |
| Emergency Repairs 42" WM Fiveash Water Treatment Plant                            | City of Fort Lauderdale             | \$124,000.00    | 7/19/2019  | 7/31/2019  |
| 42" Butterfly Valve Replacement City of Ft Lauderdale                             | City of Fort Lauderdale             | \$155,865.34    | 11/4/2019  | 12/15/2019 |
| Regional Master Meter Improve Bid Pack 1 PO#WWE1900051                            | Broward County                      | \$926,939.00    | 11/4/2019  | 10/30/2020 |



**LIST OF ALL PROJECTS COMPLETED WITHIN THE PAST FIVE (5) YEARS**

|   |                                     |                 |           |            |
|---|-------------------------------------|-----------------|-----------|------------|
| Port of Miami 42"WM & 10"FM Between Intersection of Biscayne & NE 5th St to Port of Miami | Miami-Dade Water & Sewer Department | \$20,884,160.89 | 3/21/2018 | 7/24/2019  |
| 54" & 72" SS Gate Valves Near Grit Chamber Building of Plant #2                           | Miami-Dade Water & Sewer Department | \$1,293,052.20  | 3/31/2017 | 1/15/2018  |
| F&I 48"Water Main Area N DN14-WASD-03   | Garney Companies Inc                | \$8,966,866.00  | 8/1/2018  | 12/15/2019 |
| Sunset 1 Emergency Water Main & Force Main Replacement Under Sunset 1 Bridge              | City of Miami Beach                 | \$417,832.00    | 7/11/2017 | 12/1/2017  |
| 11th St Improvements Flamingo Park Neighborhood Phase II                                  | City of Miami Beach                 | \$7,361,992.01  | 8/15/2017 | 6/1/2019   |
| Design Build 2-24" Directional Drills on 131st Street                                     | City of North Miami                 | \$604,241.66    | 2/2/2016  | 4/1/2017   |
| Miami Ave 48" Force Main Design Build   | Miami-Dade Water & Sewer Department | \$22,012,999.04 | 9/1/2016  | 6/3/2019   |
| Sunset Drive Water Main Sunset Island 4 WO#038173.00 Sunset Drive 20th to 21st            | City of Miami Beach                 | \$315,064.00    | 2/2/2016  | 6/1/2016   |
| HDD Install 16" Fm & 20" WM at E. Las Olas Blvd Design Blvd RFP 465-11765 PO#PP161379     | City of Fort Lauderdale             | \$3,038,406.00  | 7/26/2016 | 3/23/2017  |
| Seaboard Acres Pump Station Retrofit & Pump Casing Replace RPQ #20140144 MCC 7360 Plan    | Miami-Dade Public Works             | \$2,880,427.00  | 10/5/2015 | 12/14/2018 |
| Water Main Replacement 63rd & Lagorce to Indian Creek Drive WO1                           | City of Miami Beach                 | \$1,661,179.52  | 1/5/2016  | 1/31/2017  |
| 54"Redundant Sewer Force Main Design Build  | City of Miami Beach                 | \$17,822,731.00 | 7/10/2015 | 12/31/2018 |
| Norris Cut Tunnel Project DB12-Wasd-01  | Nicholson Construction / MDCWASD    | \$7,291,834.00  | 3/24/2015 | 8/31/2017  |
| Hollywood WM Phase 3  | City of Hollywood                   | \$7,303,151.04  | 7/16/2014 | 4/7/2017   |

**I. Joint Ventures**

N/A

**J. Firms Past Experience**

Please see the table on the next several pages for our Firms Past Experience.

## David Mancini and Sons Similar Experience

| PRESSURE PIPE INSTALLATION EXPERIENCE |  |   |                         |               |                 |          |   |                    |   |  |               |                                    |
|---------------------------------------|--|---|-------------------------|---------------|-----------------|----------|---|--------------------|---|--|---------------|------------------------------------|
| YEAR                                  | PROJECT DESCRIPTION  | OWNER   | PIPE DIAMETER           | PIPE MATERIAL | PIPE USE        | FOOTAGE  | DETAILS   | DMSI's PM          | OWNER REPRESENTATIVE  | ENGINEER OF RECORD                     | PROJECT VALUE | TIME ENGAGED WITH THE MUNICIPALITY |
| 2015                                  | Crespi Blvd Improvements at Miami Beach  | City of Miami Beach<br>Bruce Mowry, P.E.<br>Mobile (386) 262-4943<br>bmowry@att.net             | 8-Inch                  | DIP           | WM              | 1,800    | Installation of 8" Water Main along Crespi Blvd from 85TH Street to 79TH Terrace  | Fabio Angarita     | Eugene Egemba, P.E.   | Arnelio Alfonso, P.E.<br>EOR<br>APCTE  | \$ 4,122,112  | 11 years                           |
|                                       |  |   | 18-Inch - 72-Inch       | RCP           | STRM            | 1,600    | Installation of Storm Sewer Collection System and 40,000 GPM Storm Sewer Pump Station   |                    |   |  |               |                                    |
| 2016                                  | Design-Build 54-Inch Redundant Force Main at Miami Beach.  | City of Miami Beach<br>Bruce Mowry, P.E.<br>Mobile (386) 262-4943<br>bmowry@att.net             | 54-Inch                 | HDPE          | FM              | 4,400    | 54" Force Main from Pump Station # 1 (11TH Street and Jefferson Av) to Washington Avenue and 1ST Street. World Record Directional Drill   | Fabio Angarita     | Igor Vassiliev, P.E.  | Arnelio Alfonso, P.E. -<br>APCTE (EOR) | \$ 18,253,487 | 11 Years                           |
|                                       |  |   | 54-Inch                 | PCCP          | FM              | 1,111    | Value Engineering Saved \$4 M and delivered Design Build within Budget  |                    |   |  |               |                                    |
|                                       |  |   | 8-Inch                  | DIP           | WM              | 1,060    | Installation of 8" DI Water Main, fittings, service connections and fire hydrants   |                    |   |  |               |                                    |
|                                       |  |   | 18-Inch - 24-Inch       | PVC - C900    | Gravity         | 750      | Installation of 18-Inch and 24-Inch new gravity sewer system along 11TH Street from Euclid Ct to Jefferson Ct   |                    |   |  |               |                                    |
| 2017                                  | HDD INSTALL 16" FM & 20" WM AT E. LAS OLAS BLVD DESIGN AND BUILD   | City of Fort Lauderdale<br>Rick Johnson<br>Mobile (954) 258-3862<br>rjohnson@fortlauderdale.gov | 16-Inch / 16-Inch       | HDPE/PVC      | WM              | 1,881    | Installation of 20-inch Water Main under the Intracoastal Waterway (icw) utilizing High Density Polyethylene Pipe installed via Horizontal Directional Drilling (HDD) and the connections to existing Water Mains via open cut at both sides of the Waterway. | David Mancini, Jr. | City of Fort Lauderdale<br>Rick Johnson<br>Mobile (954) 258-3862<br>rjohnson@fortlauderdale.gov | Arnelio Alfonso, P.E.<br>EOR<br>APCTE  | \$ 2,913,918  | 6 Years                            |
|                                       |  |   | 16-Inch                 | HDPE          | FM              | 1,226    | 16-inch diameter Force Main under the Intercoastal Waterway utilizing High Density Polyethylene Pipe installed via HDD.   |                    |   |  |               |                                    |
| 2017                                  | Water Main replacement along 63RD Street from LaGorce Dr to Indian Creek Drive   | City of Miami Beach<br>Bruce Mowry, P.E.<br>Mobile (386) 262-4943<br>bmowry@att.net             | 20-Inch - 8-Inch        | HDPE & DIP    | WM              | 01/05/16 | Water Main replacement along 63 st between LaGorce and Indian Creek Dr - 660 LF of 20" DIP (Open-cut), 280 LF of 20" HDPE (Aerial Crossing) and 850LF of 20" HDPE HDD under Intercoastal Waterway & 480 LF of (6"-8") DIP open cut.                           | David Mancini, Jr. | City of Miami Beach<br>Bruce Mowry, P.E.  | Arnelio Alfonso, P.E. -<br>APCTE       | \$ 1,161,180  | 11 Years                           |
| 2017                                  | Construction of 48-Inch PCCP Water Transmission Main for Area N.   | WASD<br>Alexis Valdez<br>Mobile (786) 299-9008<br>alexis.valdez@miamidade.gov                   | 48-Inch                 | PCCP          | WM              | 15,300   | Installation of 15,000 LF of 48" PCCP Water Main Transmission Line long SW 117TH Avenue from SW 72ND Street to SW 104TH Street.   | David Mancini, Jr. | Alex Valdez   | Arnelio Alfonso, P.E. -<br>APCTE       | \$ 8,900,000  | 10 Years                           |
| 2017                                  | 11th ST IMPROVEMENTS FLAMINGO PARK NEIGHBORHOOD PHASE II   | City of Miami Beach<br>Bruce Mowry, P.E.<br>Mobile (386) 262-4943<br>bmowry@att.net             | CITY OF MIAMI BEACH, FL | PVC-C-900     | WM, FM, Gravity | 42,962   | Design and Construction of about 2000 LF of Water Main, 1600 LF of Sanitary Sewer main, 230 LF of 36" Force Main, 2000 LF of 18" to 36" Drainage, Traffic Signal replacement on 11th and Pennsylvania Av, new Street Light system and Landscaping.            | Fabio Angarita     | City of Miami Beach<br>Bruce Mowry, P.E.  | Arnelio Alfonso, P.E. -<br>APCTE       | \$ 7,361,000  | 11 Years                           |
| 2017                                  | Replacement of Existing 54-Inch Sanitary Sewer Force Main at Central District Wastewater Treatment Plant on Virginia Key | WASD<br>Gary Clark<br>Mobile (305) 205-6980<br>gary.clarke@miamidade.gov                        | 60-Inch                 | PCCP          | FM              | 2,700    | Included bypass of entirety of City Miami Beach's Sewage and connection to Grit Chamber. Included connections to Hobas Tunnel & vertical PCCP pipe installation in Tunnel Shafts  | David Mancini, Jr. | Gary Clarke   | Eloy Ramos, P.E. -<br>NICHOLSON CONST. | \$ 7,135,000  | 10 Years                           |



| YEAR | PROJECT DESCRIPTION  | OWNER   | PIPE DIAMETER       | PIPE MATERIAL   | PIPE USE | FOOTAGE | DETAILS  | DMSI's PM          | OWNER REPRESENTATIVE | ENGINEER OF RECORD                             | PROJECT VALUE | TIME ENGAGED WITH THE MUNICIPALITY |
|------|--|---|---------------------|-----------------|----------|---------|--|--------------------|----------------------|--|---------------|------------------------------------|
| 2018 | Design-Build 48-Inch PCCP Force Main along North Miami Avenue  | WASD<br>James Ferguson, P.E.<br>Mobile (786) 552-8756<br>james.ferguson@miamidade.gov           | 48-Inch             | PCCP            | FM       | 13,000  | Design Build through Urban Corridor(s) and utility infested Midtown Miami, Miami Design District, and Wynwood.   | David Mancini, Jr. | Neil Wilson, P.E     | Roger Williams, P.E. - AECOM                   | \$ 22,019,000 | 10 Years                           |
| 2018 | Construction of 42-Inch Water Main & 10" Force Main from Biscayne Blvd to the Port of Miami and Construction of Sanitary Pump Station 9141 | WASD<br>Gary Clarke<br>Mobile (305) 205-6980<br>Gary.Clarke@miamidade.gov                       | 42-Inch             | DIP             | WM       | 9,740   | Installation of 42" Water Main from Biscayne Blvd to the new Cruise Terminal A   | Fabio Angarita     | Gary Clarke          | Rodrigo Pigna, P.E. - WSP                      | \$ 15,200,000 | 10 Years                           |
|      |  |   | 30-Inch             | HDPE            | WM       | 4,000   | Installation of twins 30" HDPE Water Main via Horizontal Directional Drill under Biscayne Bay.   |                    |                      |  |               |                                    |
|      |  |   | 10-Inch             | PVC-C900        | FM       | 5,000   | Installation of new 10" Force Main from Biscayne Blvd to New Sanitary Lift Station # 9141  |                    |                      |  |               |                                    |
|      |  |   | 12-Inch             | HDPE            | FM       | 4,000   | Installation of twins 12" HDPE Force Main via Horizontal Directional Drill under Biscayne Bay.   |                    |                      |  |               |                                    |
| 2019 | Emergency pipe repair of a 72-Inch and 54-Inch Force Main at Biscayne Blvd and NE 156 Street   | WASD<br>Alexis Valdes<br>Mobile (786) 299-9008<br>alexis.valdez@miamidade.gov                   | 72-Inch and 54-Inch | PCCP            | FM       | 200     | 72-Inch & 54-Inch Linestops and 72-Inch & 54-Inch Repair Assemblies. Unknown Interior Liner in pipe cased emergency bypass operation and repair "in-the-wet".  | David Mancini, Jr. | Alex Valdes          | David Vazquez, P.E. - WASD                     | \$ 4,424,000  | 10 Years                           |
| 2019 | Emergency Linestops and Bypass on 48-Inch PCCP Force Main crossing the Oleta River at Biscayne Blvd and NE 163 Street                      | WASD<br>David Vazquez, P.E.<br>Mobile (786) 552-4447<br>david.vazquez@miamidade.gov             | 48-Inch             | RCP             | FM       | 1,000   | 2-48-Inch Linestops and 1,000 LF Bypass  | David Mancini, Jr. | Alex Valdes          | David Vazquez, P.E. - WASD                     | \$ 6,365,000  | 10 Years                           |
|      |  |   | 42-Inch             | HDPE HDD        | FM       | 800     | Emergency Design Build 800 LF HDD and 1,000 OPEN CUT Replacement Foremain  |                    |                      |  |               |                                    |
|      |  |   | 42-Inch             | HDPE SLIPLINE   | FM       | 800     | Slipline   |                    |                      |  |               |                                    |
| 2019 | REGIONAL MASTER METER IMPROVEMENTS BID PACK 1 PO#WWE1900051  | BROWARD COUNTY<br>CDM SMITH<br>TIMOTHY O'NEIL, P.E.<br>(954) 319-3076<br>oneiltj@cdmsmith.com   | 24-Inch             | PVC - C900      | FM       | 450     | INSTALLATION OF 24" REGIONAL MASTER METER, INCLUDING 30" LINESTOPS WITH 24" BYPASS, 30" AND 24" PIPING, ELECTRICAL SERVICE, TELEMETRY SYSTEM, START-UP, TESTING AND RESTORATION ASSOCIATED.                    | Fabio Angarita     | Merle Medina         | Timothy O'Neil, P.E. - CDM Smith               | \$ 926,939    | 2 Years                            |
| 2019 | Emergency 42-Inch Water Main Repair near Fort Lauderdale Executive Airport   | City of Fort Lauderdale<br>Rick Johnson<br>Mobile (954) 258-3862<br>rjohnson@fortlauderdale.gov | 42-Inch             | PCCP            | RWM      | 20      | 42-Inch PCCP Kit Repair Assembly   | David Mancini, Jr. | Omar Castellon, P.E. | Omar Castellon, P.E. - City of Fort Lauderdale | \$ 155,000    | 6 Years                            |
| 2020 | Country Club Village Water Main Infrastructure Upgrades Project # 2019-029   | City of Boca Raton<br>Lauren Burack<br>(561) 866-7193<br>lburack@myboca.us                      | 8"-24"              | PVC-C900 & HDPE | WM       | 24,000  | Installation of approx. 24,000 LF of 4" - 24" Water Main in Country Club Village Neighborhood and along SW 18th Street, 24" Fusible PVC HDD under I-95 and 344 New Water Services and backto front transfers.. | Leydis Colomina    | Lauren Burack        | Harrison Barron - Holtz Consulting Engineers   | \$ 5,670,000  | 1 Year                             |
| 2020 | Emergency 54" Sewer Redundant Force Main   | City of Fort Lauderdale<br>Rick Johnson<br>Mobile (954) 258-3862<br>rjohnson@fortlauderdale.gov | 54-Inch             | HDPE            | FM       | 3,800   | Emergency Design Build 13,000 LF HDD 2,000 Open Cut - World Record Directional Drill   | David Mancini, Jr. | Omar Castellon, P.E. | Amelio Alfonso, P.E. - APCTE                   | \$ 36,000,000 | 6 Years                            |
| 2021 | Installation of 60" Plug Valve and 10" Aerial Crossing Force Main  | WASD<br>Miguel Pichardo<br>Mobile (786) 258-2573<br>miguel.pichardo@miamidade.gov               | 10-Inch             | DIP             | FM       | 600     | Design, Permitting and Construction of 12" aerial crossing Force Main, installation of two (2) 72" linestops and 60" plug valve in existing 72" PCCP Force Main and restoration associated.                    | Evelio Gilbert     | Miguel Pichardo      | Amelio Alfonso, P.E. - APCTE                   | \$ 1,440,000  | 10 Years                           |

| YEAR | PROJECT DESCRIPTION  | OWNER  | PIPE DIAMETER | PIPE MATERIAL | PIPE USE | FOOTAGE | DETAILS   | DMSI's PM          | OWNER REPRESENTATIVE | ENGINEER OF RECORD   | PROJECT VALUE | TIME ENGAGED WITH THE MUNICIPALITY |
|------|--|--|---------------|---------------|----------|---------|---|--------------------|----------------------|--|---------------|------------------------------------|
| 2021 | Installation of 8-Inch Horizontal Directional Drill Water Main | City of Surfside<br>Hector Gomez<br>Office (305)<br>861-4863<br>hgomez@townofsurfsidefl.gov      | 8-Inch        | HDPE          | WM       | 606     | Installation of new 8" Horizontal Directional Drill Water Main crossing to Viscaya Island, tie-ins and restoration work associated.                         | Fabio Angarita     | Hector Gomez         | Nicolas Kanelidis, P.E.<br>Calvin, Giordano and Associates | \$ 271,000    | 2 Years                            |
| 2021 | Coral Shores Small Water Mains Improvements                    | City of Fort Lauderdale<br>Scott Teschky<br>Mobile (954) 995-5552<br>steschky@fortlauderdale.gov | 8-Inch        | HDPE          | WM       | 5,500   | Design, Permitting and Installation of 8-Inch HDPE water main, 81 water services and the restoration associated.  | Richard Mancini    | Scott Teschky        | Jose Custodio, P.E.<br>WSP                                 | \$ 1,401,000  | 6 Years                            |
| 2022 | Port Condo Small Water Main Improvements                       | City of Fort Lauderdale<br>Scott Teschky<br>Mobile (954) 995-5552<br>steschky@fortlauderdale.gov | 12-Inch       | PVC           | WM       | 1,500   | Design, Permitting and Installation of 12-Inch PVC water main and the restoration associated.   | Pablo Riano        | Scott Teschky        | Roberto Lamazares, P.E.                                    | \$ 912,000    | 6 Years                            |
| 2022 | Emergency 12" Force Main Replacement                           | WASD<br>Alexis Valdes<br>Mobile (786)299-9008<br>alexis.valdez@miamidade.gov                     | 12-Inch       | HDPE          | FM       | 1,500   | Design, Permitting and Installation of 12-Inch Directional Drill Force Main, coating existing water main attached to the bridge and restoration associated. | David Mancini, Jr. | Alex Valdes          | Amelio Alfonso, P.E. -<br>APCTE                            | \$ 2,477,000  | 10 Years                           |



**Chen Moore and Associates Similar Experience**

**CHEN MOORE LARGE WATERMAIN EXPERIENCE (12 inches and above)**

| Item | Project  | Owner                      | 12"   | 14"   | 16"  | 18"   | 20"    | 24"    | 30"    | 36"   | 42"   | Location   |
|------|--|----------------------------|-------|-------|------|-------|--------|--------|--------|-------|-------|------------|
| 1    | City Center 9A & 9B                                      | Miami Beach                |       |       |      |       | 9,820  |        |        |       |       | Miami-Dade |
| 2    | Central Bayshore - Miami Beach                           | Miami Beach                | 1000  |       | 1000 |       |        |        |        |       |       | Miami-Dade |
| 3    | Park Drive Water Main Replacement                        | Bal Harbour Village        |       |       |      |       | 4,800  |        |        |       |       | Miami-Dade |
| 4    | WASD Area S-4 - Broward County WWS                       | Miami-Dade WASD            | 8246  |       |      |       |        |        |        |       |       | Miami-Dade |
| 5    | Flagler Golbal Logistics - MDWASD                        | Miami-Dade WASD            | 5220  |       |      |       |        |        |        |       |       | Miami-Dade |
| 6    | NE 35th Avenue Water Main Replacement                    | North Miami Beach          |       |       |      |       | 3,450  |        |        |       |       | Miami-Dade |
| 7    | UAZ 110/111 Neighborhood Improvement                     | Broward County WWS         |       |       |      |       |        |        |        |       |       | Broward    |
| 8    | UAZ 113A Neighborhood Improvement                        | Broward County WWS         |       |       |      |       |        |        |        |       |       | Broward    |
| 9    | UAZ 113B Neighborhood Improvement                        | Broward County WWS         |       |       |      |       |        |        |        |       |       | Broward    |
| 10   | C-14 Watermain Crossing                                  | Margate                    | 1,250 | 1,000 |      |       |        |        |        |       |       |            |
| 11   | RBUD Silver Beach Road - Riviera Beach                   | Riviera Beach              | 1,037 |       | 652  |       |        |        |        | 1,100 |       | Palm Beach |
| 12   | Palm Beach Shores WM Improvement                         | Riviera Beach              | 4,422 |       |      |       |        |        |        |       |       | Palm Beach |
| 13   | Garden Rd Utility Relocation Project                     | Seacoast Utility Authority | 500   |       |      |       |        |        |        |       |       | Palm Beach |
| 14   | Western Utility Pipeline Extension                       | Seacoast Utility Authority | 1,275 |       |      |       |        |        |        |       |       | Palm Beach |
| 15   | WPB 31st to 35th Street WM Improvements                  | West Palm Beach            | 1,418 |       |      |       |        |        |        |       |       | Palm Beach |
| 16   | Phase 1 - Ameglio WM                                     | IDAAN                      |       |       |      |       | 19,657 |        |        |       |       | Panama     |
| 17   | Phase 2 - Chorrillo, St. Ana, San Francisco, Bella Vista | IDAAN                      |       |       |      | 4,002 |        | 4,135  | 3,340  | 2,486 | 4,251 | Panama     |
| 18   | Phase 4 - Chorrera WM                                    | IDAAN                      |       |       |      |       |        |        | 20,835 |       |       | Panama     |
| 19   | Phase 5 - Ciudad Radial hasta Tocumen WM                 | IDAAN                      |       |       |      |       |        | 17,126 |        |       |       | Panama     |

| Summary | 12"    | 14"   | 16"   | 18"   | 20"    | 24"    | 30"    | 36"   | 42"   |
|---------|--------|-------|-------|-------|--------|--------|--------|-------|-------|
|         | 24,368 | 1,000 | 1,652 | 4,002 | 37,727 | 21,261 | 24,175 | 3,586 | 4,251 |

|                                       |                |             |
|---------------------------------------|----------------|-------------|
| <b>Total Large Diameter Watermain</b> | <b>122,022</b> | linear feet |
|                                       | <b>23.1</b>    | miles       |

Chen Moore and Associates Similar Experience

**CHEN MOORE ADDITIONAL LARGE DIAMETER PIPE EXPERIENCE**

| Item | Project  | Owner                | 12"   | 14"   | 16"   | 20"   | 24"    | 28"   | 30"    | 36" | 48"    | County     |
|------|--|----------------------|-------|-------|-------|-------|--------|-------|--------|-----|--------|------------|
| 1    | South District WWTP Thickening & Dewatering Building | Miami-Dade WASD      | 1,695 |       |       |       |        |       |        |     |        | Miami-Dade |
| 2    | 30" Emergency FM                                     | Fort Lauderdale      |       |       |       |       |        |       | 22,000 |     |        | Broward    |
| 3    | 48" Redundant FM                                     | Fort Lauderdale      |       |       |       |       |        |       |        |     | 23,000 | Broward    |
| 4    | Pump Station B-4 Forcemain                           | Fort Lauderdale      |       |       |       |       |        | 5,100 |        |     |        | Broward    |
| 5    | Bayshore Drive FM Replacement                        | Fort Lauderdale      |       |       |       | 3,300 |        |       |        |     |        | Broward    |
| 6    | NW 13st Forcemain                                    | Fort Lauderdale      |       |       |       |       |        |       | 3,100  |     |        | Broward    |
| 7    | Margate Aerial Crossings WM & FM                     | Margate              |       |       |       |       | 180    |       |        |     |        | Broward    |
| 8    | Southgate Blvd. & Rock Island Forcemain              | Margate              | 5,850 |       |       |       |        |       |        |     |        | Broward    |
| 9    | Upsize Forcemain Pump Station D-35 to D-36           | Fort Lauderdale      |       | 1,620 |       |       |        |       |        |     |        | Broward    |
| 10   | South Middle River FM Crossing                       | Fort Lauderdale      |       |       | 2,193 |       |        |       |        |     |        | Broward    |
| 11   | South County RCW Ph 1                                | Palm Beach County    |       |       |       |       | 15,250 |       |        |     |        | Palm Beach |
| 12   | South Bermuda Parkway RCW                            | Toho Water Authority |       |       |       |       | 39,850 |       |        |     |        | Orange     |

| Summary | 12"   | 14"   | 16"   | 20"   | 24"    | 28"   | 30"    | 36" | 48"    |
|---------|-------|-------|-------|-------|--------|-------|--------|-----|--------|
|         | 7,545 | 1,620 | 2,193 | 3,300 | 55,280 | 5,100 | 25,100 | 0   | 23,000 |


|                             |                |             |
|-----------------------------|----------------|-------------|
| <b>Total Large Diameter</b> | <b>123,138</b> | linear feet |
|                             | <b>23.3</b>    | miles       |



## K. Concerning Subconsultants, Suppliers and Others

DMSI shall perform at least 40% of the total dollar amount of the work to be performed under the agreement.

### Safety

| WORKERS COMPENSATION EXPERIENCE RATING   |     |                                     |                             |                     |                            |                    |                    |                     |
|--|-----|-------------------------------------|-----------------------------|---------------------|----------------------------|--------------------|--------------------|---------------------|
|   |     | Risk Name: DAVID MANCINI & SONS INC |                             |                     |                            | Risk ID: 914733286 |                    |                     |
| Rating Effective Date: 04/01/2022  |     |                                     | Production Date: 01/06/2022 |                     | State: INTERSTATE          |                    |                    |                     |
| State  | Wt  | Exp Excess Losses                   | Expected Losses             | Exp Prim Losses     | Act Exc Losses             | Ballast            | Act Inc Losses     | Act Prim Losses     |
| FL   | .15 | 135,552                             | 193,463                     | 57,911              | 106,878                    | 45,200             | 188,794            | 81,916              |
| GA   | .14 | 8                                   | 12                          | 4                   | 0                          | 53,600             | 0                  | 0                   |
| (A) Wt   | (B) | (C) Exp Excess Losses (D - E)       | (D) Expected Losses         | (E) Exp Prim Losses | (F) Act Exc Losses (H - I) | (G) Ballast        | (H) Act Inc Losses | (I) Act Prim Losses |
| .15  |     | 135,560                             | 193,475                     | 57,915              | 106,878                    | 45,201             | 168,101            | 61,223              |
|  |     | Primary Losses                      | Stabilizing Value           |                     | Ratable Excess             |                    | Totals             |                     |
| Actual   | (I) | 61,223                              | C * (1 - A) + G<br>160,427  |                     | (A) * (F)<br>16,032        |                    | (J)<br>237,682     |                     |
| Expected   | (E) | 57,915                              | C * (1 - A) + G<br>160,427  |                     | (A) * (C)<br>20,334        |                    | (K)<br>238,676     |                     |
|  |     | ARAP                                | FLARAP                      | SARAP               | MAARAP                     | Exp Mod            |                    |                     |
| Factors  |     |                                     | 1.00                        |                     |                            | (J) / (K)<br>1.00  |                    |                     |
| <p>RATING REFLECTS A DECREASE OF 70% MEDICAL ONLY PRIMARY AND EXCESS LOSS DOLLARS WHERE ERA IS APPLIED.</p> <p>ONE OR MORE CLAIM AMOUNTS HAVE BEEN REDUCED DUE TO EMPLOYER REIMBURSEMENTS AS PART OF A NET DEDUCTIBLE, EMPLOYER-PAID MEDICAL OR COMPENSATION REIMBURSEMENT PROGRAM IN THE FOLLOWING JURISDICTIONS: FL</p> <p>THIS RISK WAS PREVIOUSLY RATED UNDER RISK ID# 091903954 AND WILL NOW BE RATED UNDER THE RISK ID# SHOWN ABOVE.</p>   |     |                                     |                             |                     |                            |                    |                    |                     |
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### 3. Qualifications of the Team



New River Water Watermain Extension - Phase 2, RFP# 12713-125





### 3. QUALIFICATIONS OF THE TEAM

For a complete profile of our key team members, including a minimum of three (3) alternate delivery projects on which they held a key delivery role, please refer to our resumes at the end of this section.

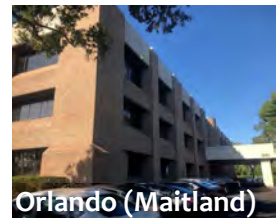
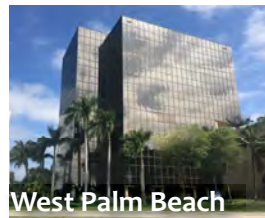
| Name                    | Title  | Years Exp. | Area of Responsibility                 | Firm / Location     | Education  | Registration/ Licenses | Other Professional Qualifications                     |
|-------------------------|--|------------|--|---------------------|--|------------------------|---|
| David Mancini, Jr.      | Vice President                                 | 15         | Project Manager                        | DMSI/ Pompano Beach | MS/ International Finance                          | N/A                    | Please refer to his resume at the end of this section |
| Daniel Davila, P.E.     | Director of Water and Sewer/Principal Engineer | 23         | Design Manager                         | CMA/Fort Lauderdale | BS/Civil Engineering                               | PE 63014               | Please refer to his resume at the end of this section |
| Onique Williams         | Superintendent                                 | 12         | General Superintendent                 | DMSI/ Pompano Beach | N/A  | N/A                    | Please refer to his resume at the end of this section |
| Richard Mancini         | Vice President/ General Manager                | 9          | Project Quality Control Manager        | DMSI/ Pompano Beach | N/A  | N/A                    | Please refer to his resume at the end of this section |
| Shahin Hekmat, P.E.     | Director of Quality Assurance                  | 32         | QA/QC Engineer                         | CMA/Fort Lauderdale | BS/Civil Engineering                               | PE 49941               | Please refer to his resume at the end of this section |
| Roberto Lamazares, P.E. | Civil Engineer                                 | 10         | Scheduler/ Project Controls Specialist | DMSI/ Pompano Beach | BS/Civil Engineering                               | PE 86416               | Please refer to his resume at the end of this section |
| Alejandro Mejia         | Chief Estimator                                | 16         | Project Health and Safety Manager      | DMSI/ Pompano Beach | AS/Civil Engineering<br>AS/Business Administration | N/A                    | Please refer to his resume at the end of this section |

Qualifications of the Team



## Subconsultants

### Chen Moore and Associates (CMA) - Design



Founded in 1986, CMA specializes in civil engineering, electrical engineering, water resources, water and sewer, landscape architecture, transportation, planning and irrigation, environmental and construction engineering services. The firm commits to providing responsive quality services while meeting the schedules and specific project needs of our clients. The firm has its headquarters in Fort Lauderdale, FL. CMA has regional offices in Miami, West Palm Beach, Jacksonville, and Orlando (Maitland). CMA has additional offices in Gainesville, Sarasota, Port St. Lucie, Tampa and Atlanta. The work performed for this contract will be based out of our Fort Lauderdale office.

At CMA, we best describe ourselves, our approach, and our priorities with these five words: Leadership, Excellence, Philanthropy, Community and Culture. CMA embraces the history and legacy of the firm set by Dr. Ben Chen, P.E. and is empowered by the vision set by its leadership team, led by President Peter Moore, P.E., F. ASCE, FACEC. The firm continues to grow by striving for excellence in design, innovation, project management, and quality.

CMA continues to be focused on community through its commitment to philanthropy at all levels of the firm. Every office utilizes time and treasure to attend, contribute and lead in community and profession-related events throughout CMA's geographic reach. The CMA family culture is about quality and excellence in our professional work, while contributing as a leader in our community in a fun working environment.

The firm is currently working on and has successfully completed projects involving the planning, design and construction of a wide range of projects in a multitude of disciplines including:

- Infrastructure Master Planning
- Pump Station Design and Rehabilitation
- Water Supply, Treatment, and Distribution Design
- Stormwater Management System Design and Master Plans
- Environmental Engineering
- Roadway Design and Streetscape
- Transmission Engineering
- Government Permitting
- Land Development
- Site Development
- Site Planning
- Landscape Architecture
- Hardscape Design
- Irrigation Design
- Park Design
- GIS Analysis and Mapping
- Project and Program Management
- Sustainable Design and LEED Solutions
- Value Engineering
- Utility Rate and Infrastructure Valuation Studies
- Resident Coordination and Stakeholder



CMA employs 105 full time staff, including 40 registered professional engineers, 6 registered landscape architects, 2 certified planners, 2 certified arborists, and a certified irrigation designer. With our highly experienced technical design staff, the CMA team has the capabilities to address the smallest to the most challenging civil, environmental and transportation engineering, planning, landscape architecture and construction administration tasks required for many types of public, semi-public and private sector projects. The City can be assured that the CMA team can handle all components of the projects performed under this contract.

**Licenses.** Please refer to Section 2, C. Licensure on Page 2- 5 for licenses.

**Ownership/Education and Experience.** CMA is a Corporation with 16 owners who are employees of the firm. Please refer to the chart on page 3-1 of this section for our team’s educational background and Section 4 “Project Manager’s Experience” A. Example Projects, page 4-12 for our experience.

**References.** The following clients can be contacted as references:

|                          |                             |                              |
|--------------------------|-----------------------------|------------------------------|
| Broward County WWS       | City of North Miami Beach   | Seacoast Utility Authority   |
| 2555 West Copans Road    | 17050 NE 19th Avenue        | 4200 Hood Road               |
| Pompano Beach, FL 33069  | North Miami Beach, FL 33162 | Palm Beach Gardens, FL 33401 |
| Contact: Gregory Balicki | Contact: Maceo Lewis        | Contact: Brandon Selle       |
| (954) 831-0745           | (305) 354-4431              | (561) 627-2900               |





## General Asphalt Company, Inc. - Milling, Paving and Striping



General Asphalt Company, Inc. a third generation family-owned business was originally founded in 1966. The Company is one of the largest Heavy Highway and Civil contractors in South Florida. General Asphalt is the leading provider of airport runway construction and one of the largest Heavy Highway and Civil contractors in South

Florida. General Asphalt satisfies the needs of the most complex projects including but not limited to milling, earthwork, lighting, sandblasting, concrete, thermoplastic, striping, etc. Through their broad based network of subcontractors, they are able to manage all aspects of a project to ensure its completion well within the mandated time frames and budgets. General Asphalt has paved over 3,324,612 Tons of asphalt over the last ten years. General Asphalt has received many awards throughout the years for its standards of EXCELLENCE! General Asphalt's state of the art of paving equipment and dump trucks, ensure that their customer's demands are met with the highest level of service and quality. General Asphalt constantly strives to meet and exceed the paving requirements of the project.

**License.** 91-1255

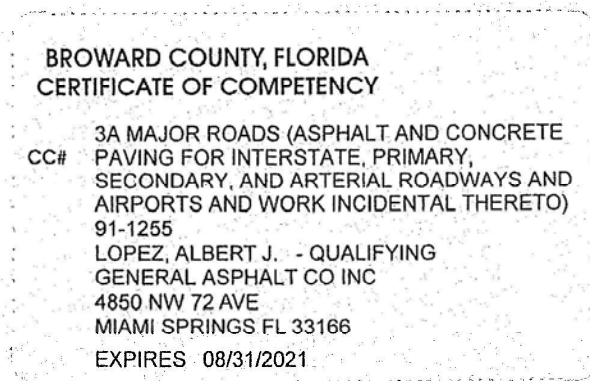
**Ownership/Education and Experience.** General Asphalt is a Florida Corporation with 3 owners who are employees of the firm. Robert A Lopez Senior, Albert J. Lopez and Rob Lopez Jr. are the sole owners of General Asphalt.

Please refer to the chart on page 3-1 of this section for our team's educational background and disciplines and page 3-10 of this section for our experience.

**References.** The following clients can be contacted as references:

Ric-Man International, Inc.  
Rene Castillo, President  
1545 NW 27th Avenue, Pompano Beach, FL 33069  
(954) 605-6990

David Mancini and Sons, Inc.  
David Mancini  
2601 Wiles Road, Pompano Beach, FL 33073  
(954) 977-3556





# DAVID A. MANCINI JR.

CONSTRUCTION MANAGER



1/1

### Industry Experience: 10 yrs Registration / Certifications / Degrees:

OSHA Certification - Construction Safety and Health MOT Work Zone Traffic Control: Intermediate Level  
Master of Business and Administration Specialization in International Finance

### Reference#1:

Bob Wertz: Senior Project Manager  
City of Hollywood Engineering Division  
Bwertz@hollywoodfl.org,  
Phone 954-921-3930

### Reference#2:

Gregory Mullenski  
City Inspector  
City of Hollywood Engineering Division  
Gmullenski@hollywoodfl.org,  
Phone 954-249-2870

### Reference#3:

Carla S. Dixon- Capital Projects  
Miami Beach – Capital Improvement  
Carladixon@miamibeachfl.gov  
Phone 305-673-7071

David A. Mancini Jr. has over 15 years of construction experience in South Florida. As a field laborer, David Mancini Jr. began his career in construction at only 15 years old, working on various construction projects for City Municipalities. As a Construction manager of David Mancini and Sons, Inc., David administers all construction operations, residential public relations, and coordination regarding the City of Hollywood’s construction projects. His specialization and experience is in neighborhood improvement projects, water main replacements, high-profile and politically sensitive large diameter design build projects. His management practice consists of a “first person on site and last person to leave” attitude. David’s main priority in administering construction operations is limiting at all cost the impact construction operations may impose on the residents.

## CONSTRUCTION MANAGER EXPERIENCE

### DESIGN BUILD SERVICES FOR THE INSTALLATION OF A 48-INCH FORCE MAIN ALONG NORTH MIAMI AVENUE, MIAMI, FL, 2019

Role: Construction Manager: This project includes the installation of approximately 13,000 linear feet of 48” sewer force main on NE 36th Street, between Federal Highway and North Miami Avenue. 12” and 16” water mains on North Miami Avenue, between NW 20th and 29th Street and 1,000 feet of 24” storm water drainage.

### WATER MAIN & FORCE MAIN INTRACOASTAL WATERWAY CROSSINGS AT LAS OLAS BLVD. , FORT LAUDERDALE, FL, 2017

Role: Construction Manager: This project includes the installation of a 20” diameter water main and a new 16” diameter subaqueous force main on the south of Las Olas Blvd. Bridge to provide additional redundancy to the Las Olas area. The City had selected the horizontal directional drilling (HDD) method for construction of the proposed subaqueous crossings.

### DESIGN-BUILD SERVICES FOR THE REPLACEMENT OF THE EXISTING 54-INCH SANITARY SEWER FORCE MAIN PIPELINE FROM THE CENTRAL DISTRICT WASTEWATER TREATMENT PLANT TO FISHER ISLAND, UNDER NORRIS CUT CHANNEL, MIAMI, FL , 2014

Role: Construction Manager: Design-Build project to replace the existing 54-inch force main (FM) from the Virginia Key Central District Wastewater Treatment Plant (CDWWTP) under Biscayne Bay Norris Cut to Fisher Island. Including: planning, engineering,

design, permitting, procurement, construction / installation, testing and startup of a new 60-inch replacement FM. Project elements include: Approximately 5,200 linear feet of tunnel boring with precast segmental liners capable of accommodating a 60-inch internal diameter carrier pipeline. Approximately 2,500 linear feet of open cut construction to install a 60-inch diameter pipe. Approximately 1,000 linear feet of horizontal directional drilling (HDD) to install 8-inch pipe that will relay the sewage flow from the Fisher Island Pump Station (PS 170) to the tunnel. The replaced 54-inch FM will be cut, flushed, plugged at terminal locations, and abandoned for potential rehabilitation in the future.

### HOLLYWOOD WATER MAIN REPLACEMENT 11-5110, HOLLYWOOD, FL , 2014

Role: Construction Manager: Project consisted of the installation of over 5,200 LF of 16-inch C905 PVC Transmission water main, over 60,000 LF of 4”, 6” and 8” C900 PVC and DIP distribution water mains, fittings, valves, fire hydrants, and interconnections associated with the water main replacement. The project also included over 900 water service connections at the existing meters and over 400 water meter relocations and water service installations on the private property. Some of the key construction activities included emergency response, temporary traffic controls, clearing and grubbing, tree relocation, locating and protecting existing utilities, trench excavation, shoring, density testing, pressure testing, pipe disinfection, pavement restoration, existing water main abandonment, and coordination with Homeowners Association, City, County, and FDOT Utility Staff.



**Daniel Davila, P.E.**  
**Director of Water and Sewer-  
Principal Engineer**

**Hire Date:** 06/13/2011  
**Years with other firms:** 12

**Education**  
Bachelor of Science, Civil  
Engineering, University of  
Florida, 2000

**Registration**  
Professional Engineer,  
Florida, 63014, 2005

**Professional Affiliations**  
American Academy of  
Environmental Engineers  
American Society of Civil  
Engineers  
Florida Engineering Society  
Florida Healthcare Engineers  
Association

**Certifications**  
Stormwater Management  
Inspector

Mr. Davila serves as Director of Water and Sewer for CMA’s engineering team and over 22 years of civil engineering experience. Daniel has extensive experience designing a variety of water and wastewater facilities, utilities master planning, construction management, rate/financial studies, and has worked on thousands of linear feet of water and sewer utility infrastructure renewal/replacement projects. He has been the contract manager for small projects as well as large complex projects managing millions of dollars in design fees and several subconsultants. He has served as project manager, Engineer of Record or Senior Engineer for more than 40 horizontal direction drill projects, including thousands of linear feet of watermain and forcemain projects that range from 6” in diameter up to 54” transmission lines, as well as for the design of several intracoastal crossings that range from 14” to 48” in diameter. Mr. Davila is an expert on Trenchless technologies having worked on dozens of Horizontal Directional Drilling (HDD), pipe bursting and HDPE compression-fit lining projects in Florida, Central America and the Caribbean.

**Project Experience**

**Broward County UAZ Water Sewer Improvements 110/111, Lauderdale Lakes, FL.** Broward County UAZ Water Sewer Improvements 110/111, Lauderdale Lakes, FL. The UAZ 110/111 project include the improvements to the existing water distribution and sanitary sewer system within the City of Lauderdale Lakes and the City of Oakland Park, along with restoration of surface areas disturbed for the construction of the improvements. The project had a combined total area of 479 acres and included the installation of 57,400 linear feet of gravity sewer, 4,400 linear feet of forcemain, and 72,100 linear feet of watermain. The total project included 133,900 linear feet of pipe. Pipe installation took place along local city roads, as well as County and FDOT jurisdiction roadways including West Oakland Park Boulevard and US-441. The existing water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, and polyvinyl chloride pipe ranging from 2” - 24” in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner, and ductile iron pipe ranging from 8” – 18” in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron, and polyvinyl chloride pipe of 12” in diameter size. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction. The project is currently under construction and CMA is performing construction administration services.

**DB 24" Force Main & 30" Water Main Canal Crossing, Margate, FL.** CMA was the engineer-of-record on the design build team for the installation of a 24-inch force main and 30-inch water main canal crossing. The existing pipes were crossing the canal aerially, and the design-build team value engineered the project by burying the pipes over the culvert. The efforts of CMA included coordination with neighboring properties for construction access, coordination with improvement districts, creation of an emergency response plan and environmental management plan for the force main construction, design, permitting and construction administration services.

**Reclaimed Watermain Project, Pompano Beach, FL.** CMA designed approximately 30,000 linear feet of reclaimed water distribution in the City of Lighthouse Point/Pompano Beach Reclaimed Water System Expansion. The design is part of the City of Pompano Beach reclaimed water system expansion and is located adjacent, just immediately south of the BCWWS North County Reclaimed Water expansion project





**16-inch Water Main - University Drive, Town of Davie, FL.** CMA will design the replacement of a 12-inch ACP water main to a 16-inch PVC water main, along the east side of University Drive between SW 33rd St and SW 24th St. The existing pipe will be abandoned in place. Services will include the planning and design services necessary to prepare all required construction documents for the proposed infrastructure improvements. The total watermain is approximately 3,500 linear feet and it will be installed on University Drive which is a 6-lane divided major arterial roadway.

**Country Club Ranches Water Main Project, Miramar, FL.** CMA is providing professional engineering services for the Country Club Ranches Water Main Project. CMA is completing the design and construction of 20,000 linear feet of a new water distribution system to services the Country Club Ranches community. Country Club Ranches is a developed, semi-rural, residential community, and is primarily served by private water wells and septic tanks. The project includes new water distribution system to include fire hydrants, valves, water services, air release assemblies and required appurtenances throughout the Country Club Ranches community in order to supply municipal water service to the residents. The scope of services included planning, engineering reporting, engineering design, technical specifications, contract preparation, permitting and construction management.

**Sample Road Subaqueous Water Main Crossing, Lighthouse Point, FL.** Broward County Water and Wastewater Services (BCWWS) retained a contractor to construct the District 2 Sample Road Water Main Aerial Crossing Project under Solicitation PNC2118654C1 (“the Project”). Under the original bid documents, the Project was to include the installation of a new aerial water main crossing along Sample Road over the Captain Knight Bayou Canal / South Grand Canal just west of NE 26th Avenue within the City of Lighthouse Point. The aerial water main crossing was to be installed on 4 new square prestressed concrete batter pile supports to be driven within the canal adjacent to an existing bridge. During the right of way permitting by the selected contractor, the City of Lighthouse Point would not issue a right of way permit for this work due to concerns about the potential impact of the pile driving on the stability of the adjacent bridge, which is in poor condition. The contractor presented various alternative construction methods for the proposed water main crossing to BCWWS for consideration. Based the evaluation of the various alternative construction methods, BCWWS selected the horizontal directional drilling (HDD) as the best alternative construction method to install a subaqueous water main crossing under this project. CMA provided design and permitting services for the installation of a new subaqueous water main crossing along Sample Road over the Captain Knight Bayou Canal / South Grand Canal just west of NE 26th Avenue within the City of Lighthouse Point. The proposed water main was approximately 8 inches in internal diameter (ID). The proposed water main will be HDPE material due to the horizontal directional drilling (HDD) installation method. Pipe dimension ratio (DR) was determined by CMA during design. The proposed 8-inch water main was connected to the existing 12-inch watermain on Sample Road.

**Emergency Bypass 48” Forcemain, Fort Lauderdale, FL.** CMA was responsible for the design, permitting, and construction observation of the replacement of the City of Fort Lauderdale’s main transmission line going into the wastewater treatment plant. The new line consists of more than 22,000 linear feet of new pipe which will be installed via 12 horizontal directional drills (HDD) that range between 1,700 and 3,000 linear feet each to a depth of up to 70 feet. The new force main is mostly 48” HDPE pipe with some ductile iron pipe sections. The project route includes sensitive ecosystems including the crossing of South Middle River which require Benthic surveys for the subaqueous crossing, dewatering calculations, and permitting for construction within a quarter mile of contaminated areas with high-water table being close to the coastline. Crossing of the intracoastal (US Federal Waters) requires permitting through the US Army Corps of Engineers and the Department of Environmental Protection. There is a total of nine (9) jurisdictional agencies for this project. The project was an emergency project for the City of Fort Lauderdale which was fast tracked to be completed (design, permitting, and construction) in 14 months. The project was a Design-Build project led by Murphy Pipeline Contractors with CMA as the lead Consultant. It was also named the ASCE Florida Section’s 2022 Project of the Year in July 2022.

**South River Forcemain Crossing, Fort Lauderdale, FL.** CMA prepared the Design Criteria Package (DCP) for the South Middle River Force Main Crossing for the City of Fort Lauderdale, located along NE 19th Street / NE 21st Street between NE 22nd Avenue and Bayview Drive. The scope of work included preliminary design and permitting of approximately 2,200 LF of 16” HDPE sanitary sewer force main to replace the existing 12” cast iron pipe force main which is currently out of service. This project included approximately 1,410 LF of horizontal directional drill (HDD) of the 16” force main under the Middle River. CMA prepared the DCP and has permitted the HDD with Broward County, SFWMD, U.S. Army Corps of Engineers (ACOE), and FDEP. CMA also provided bidding assistance for this project.





**ONIQUE  
WILLIAMS**



1/1

**Experience:**

Mainline Foreman- August 2017 – January 2020 full time – Miami Ave., Area N, Virginia Key / Fisher Island, Emergency projects: 156th, 163rd, Ft Lauderdale raw water, Ft Lauderdale sewer, 42” valves Ft Lauderdale

2010 – 2017 – Helped start and built DMSI when it first opened it's doors, did odds and ends for multiple mainline / restoration crews as laborer / loader operator. From Sunset Island to Biscayne Point became restoration foreman full time. Once Biscayne Point ended went to Alton Road became mainline / restoration forman laying 30” RCP drainage, including trench patching, built storm water pump station on 10th street. Started Hollywood Neighborhood water main improvement for 8 / 12” pvc pipe with rear to front service conversions. Ft Lauderdale GTL grit chamber improvements.

**EXPERIENCE**

**MIAMI BEACH 54” DIRECTIONAL DRILL**

Onsite 7 days a week, coordinating mud removal from drill rig oversaw drilling pressure relief wells along the route, restored once the drills were completed, oversaw the cleaning of the internal pipe via airlift dredging. Oversaw delivery and fusing of 54” HDPE.

also worked many short spurts on major FDOT crossings first at 72nd street, and then 88th. Without

Onique started working for Ric Man Intl as a laborer on a restoration crew under David Mancini SR, when David Mancini SR left Ric-Man Intl and started DMSI, Onique left with David Sr to help build DMSI to what it is today.

**MIAMI AVE: 48” PCCP FORCE MAIN 13,100 FT**

Onique’s official position was Foreman but truly acted as Superintendent. In charge of ordering materials, developing MOT plans, managing ultra-small footprint for large diameter installation through Miami’s Midtown and Wynwood Districts. Designing pipe alignment through heavily infested utilities corridor when conflicts arose. Also installed around 2000 feet 12” watermain

**VIRGINIA KEY / FISHER ISLAND**

Onique gained tunnel tie in experience through installing the vertical 48” pipe inside the shafts, to connect from the tunnel to the tie in points with 90 degree bends. While also building the 36” bypass on the last 1,000 ft of large diameter FM feeding directly into Central District Wastewater Treatment Plant.

**AREA N**

Onique gained valuable experience installing a 48” Transmission WM under SFWMD C-2 Canal. This project consisted of extremely hard rock, installation of PCCP watermain 25 feet underwater on an 100-foot wide canal, utilizing 2 large excavators, while also designing the tie in and closing on the existing pipe from another DMSI crew. Onique



## RICHARD MANCINI

SUPERINTENDENT



1/1

### Industry Experience: 9 yrs

Richard Mancini, Superintendent for David Mancini and Sons, Inc. has always been fascinated with the underground industry since a young age. When he was young, he would spend his days after school playing and pretend driving all the equipment in our storage yard, and starting around 10 years old, David SR, would bring him to jobsites on the weekend to learn how to run equipment. At 15 years old, he got his first summertime job cleaning the shop and doing light mechanic work. Fast forward to present day, Richie is fully immersed in the day to day business of running large diameter pipeline projects for just shy of 4 years.

## EXPERIENCE

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### AREA N

48" Transmission WM, 15,000' – Oversee open cut installation, subaqueous crossing (100' wide canal, 25' underwater); crossing FDOT roadways SR-986 + SR-94, which SR-94 included a 1200' run. Developed MOT Plans, Coordinated with Stakeholders in the neighborhood, kept up to 4 crews busy daily, Designed alternate routes when conflicts emerged.

Aug. 2018 – Nov. 2019

### INDIAN CREEK

72" Storm Drainage 1,500' in Miami beach- included overseeing day to day operations, managing three to five in house DMSI Crews, while overseeing multiple subcontractors. Delivering fast tracked completion dates, installation of 72" drainage, a large pump station consisting of 5+ 100,000 lb structures, smaller diameter drainage structures and piping. Rebuilding a new roadway at a higher elevation.

2016 – Aug. 2018

### OTHER EXPERIENCES INCLUDES:

Foreman over seeing 8/12 inch water main installation with rear to front service conversions in Hollywood, FL. Pipe Cleaning supervisor for Airlift Dredging of the 54" HDPE Directional Drill. Spent multiple years as a laborer and operator, running all different types of equipment.





**Shahin Hekmat, P.E.**  
**Director of Quality Assurance**

**Hire Date:** 02/01/2021

**Years with other firms:** 31

**Education**

Bachelor of Science, Civil Engineering, University of Miami, 1989

**Registration**

Professional Engineer, Florida, 49941

**Professional Affiliations**

ACEC Planning and Bylaws Committee  
ACEC Water Resources Committee  
Florida Engineering Society  
University of Miami, College of Architectural, Environmental and Civil Engineering (AEC) Industry Ad

**Certifications**

AICPR Hands-on Training  
FDEP NPDES Design Storm water Management Design  
EPA/FDEP NPDES Inspector  
FES/FICE Florida Engineering Leadership Institute  
FDOT Advance Work Zone Traffic Control Certification  
Qualified Stormwater Management Inspector  
FDOT Temporary Traffic Control Advanced Course

Shahin Hekmat, P.E. is Director of Quality Assurance for CMA. He has over 32 years of experience in engineering design and project management related to public and private projects. He has served as the City Engineer for the City of Weston; Consulting Engineer for the Cities of Sunny Isles Beach, Dania-Beach, Lauderhill and North Lauderdale; and District Engineer for South Broward Drainage District, Indian Trace Development District, Bonaventure Development District and North Lauderdale Water Control District. His primary areas of expertise are in stormwater management and drainage design, with concentration on watershed analysis and preparation of storm water facility reports and master plans. His design experience also includes roadway and land development projects; specifically design of water distribution systems, sanitary sewer collection and disposal systems, paving, grading, drainage systems and flood routing analysis, permitting, construction oversight, and project close-out. Mr. Hekmat has been involved in preparation of Environmental Resource Permits (ERP) and the approval process through SFWMD, FDEP, COE, and County for major land development projects in the South Florida area as well public facilities such as water, wastewater and reclamation plants, public works compounds, parks, hospitals, and roads.

**Project Experience**

**Sample Road Subaqueous Water Main Crossing, Lighthouse Point, FL.** Broward County Water and Wastewater Services (BCWWS) retained a contractor to construct the District 2 Sample Road Water Main Aerial Crossing Project under Solicitation PNC2118654C1 (“the Project”). Under the original bid documents, the Project was to include the installation of a new aerial water main crossing along Sample Road over the Captain Knight Bayou Canal / South Grand Canal just west of NE 26th Avenue within the City of Lighthouse Point. The aerial water main crossing was to be installed on 4 new square prestressed concrete batter pile supports to be driven within the canal adjacent to an existing bridge. During the right of way permitting by the selected contractor, the City of Lighthouse Point would not issue a right of way permit for this work due to concerns about the potential impact of the pile driving on the stability of the adjacent bridge, which is in poor condition. The contractor presented various alternative construction methods for the proposed water main crossing to BCWWS for consideration. Based on the evaluation of the various alternative construction methods, BCWWS selected the horizontal directional drilling (HDD) as the best alternative construction method to install a subaqueous water main crossing under this project. CMA provided design and permitting services for the installation of a new subaqueous water main crossing along Sample Road over the Captain Knight Bayou Canal / South Grand Canal just west of NE 26th Avenue within the City of Lighthouse Point. The proposed water main was approximately 8 inches in internal diameter (ID). The proposed water main will be HDPE material due to the horizontal directional drilling (HDD) installation method. Pipe dimension ratio (DR) was determined by CMA during design. The proposed 8-inch water main was connected to the existing 12-inch watermain on Sample Road.

**Water Main Crossing of Northlake Boulevard and C17 Canal at Eastwind, Seacoast Utility Authority, FL.** CMA shall provide surveying, engineering, permitting and construction administration services for the installation of a 12-inch water main from the parking lot of Northlake Promenade Shoppes, north under Northlake Boulevard and the C17 Canal, and north on Anchorage Lane



to the intersection of Anchorage Drive and Eastwind Drive. The new water main will replace an existing water main in a different location. The project involves coordination with multiple entities including property owners for easements, Town of Lake Park, Village of North Palm Beach, Palm Beach County Health Department, Palm Beach County Land Development Division, South Florida Water Management District, and United States Army Corps of Engineers

**16-inch Water Main - University Drive, Town of Davie, FL.** CMA will design the replacement of a 12-inch ACP water main to a 16-inch PVC water main, along the east side of University Drive between SW 33rd St and SW 24th St. The existing pipe will be abandoned in place. Services will include the planning and design services necessary to prepare all required construction documents for the proposed infrastructure improvements. The total watermain is approximately 3,500 linear feet and it will be installed on University Drive which is a 6-lane divided major arterial roadway.

**Parcels 6A & 6B Neighborhood Improvements, Village of Bal Harbour, FL.** CMA is the civil engineer for the 6A & 6B Neighborhood Improvement project for the Village of Bal Harbour, Florida. The improvements include the replacement and upsizing of approximately 5,000-LF of CIP watermains to HDPE through pipe bursting and horizontal directional drilling installation techniques. Along with these potable water improvements, the project includes the conversion of water services from existing back-of-house alley connections to water meters relocated along the right-of-way. Drainage improvements include regrading of existing failed pavement areas to restore stormwater flow paths toward existing and proposed inlets. This system is additionally improved through installation of vortex separator units and drainage injection wells which augment the capacity of the drainage system and improve water quality treatment prior to the system's existing outfalls.

**District 3C Water System Improvements and Septic Tank Elimination - Bid package 2, Broward County, FL.** CMA, as a subconsultant to Craven Thompson and Associates, Inc., is providing engineering and construction services necessary for design, permitting, bidding/award, inspection, surveying and testing for the installation of a Replacement Potable Water System and New Sanitary Sewer System to serve Utility Analysis Zones 357, 358, 359, 360, 361, 364, 365 and 366 in the District 3C Service Area in Broward County. The project involves replacing approximately 202,000 linear feet of existing water mains that are at the end of their design life and installing a new Sanitary Sewer System to eliminate septic tanks in UAZ's 357, 358, 359, 360, 361, 364, 365 and 366. CMA will prepare the design of the new sanitary sewer system inclusive of Lift Stations and a 2-mile force main. This will include the evaluation of existing conditions, review of preliminary process design criteria, phasing, preparation of preliminary design level opinion of construction cost, preparation and submittal of a draft and final schematic design/report and coordination/review.

**Biscayne Aquifer Well #4, North Lauderdale, FL.** CMA is responsible for designing and permitting a new raw water well for the City of North Lauderdale Water Treatment Plant. The initial assignment included a well siting analysis to determine the best location of the well. The new well design includes civil engineering, electrical engineering, instrumentation design and hydrogeological services and testing. The project will also include design of a new 16" raw watermain to connect the well to the water treatment plant supply line. The 16" raw watermain is approximately 1,000 linear feet long and it will be designed and constructed as a HDD line to avoid conflicts and yard piping within the water treatment plant.

**South Bermuda - Parkway Reuse Interconnect & Judge Farms Pipeline Project - Tohopekaliga Water Authority, Kissimmee, FL.** CMA is providing professional services associated with the second phase of the South Bermuda-Parkway Reuse Interconnect and Judge Farms Pipeline Project. During this phase CMA will provide professional services for the surveying, geotechnical, design, permitting, and construction of approximately 8,000 LF of 20-inch and 3,000 LF of 12-inch reuse water transmission mains to interconnect the South Bermuda and Parkway Water Reclamation Facilities' reclaimed water systems. The previous phase encompassed the routing study and identified the preferred option.



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## Summary

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Motivated Civil Engineer with over 10 years of experience in the design of water and sewer projects, including Water Mains, Gravity Sewer, and Force Mains using M-D WASD Standards, and other Municipal Standards. Experienced in management, design and drafting of large and small-diameter pipeline projects with different pipe materials and construction technologies such as Open-Cut, Micro tunneling, and Horizontal Directional Drill. Experienced in the utility coordination process, as-built review, permitting processes and construction cost estimates.

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## Work History

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May 2020 -  
Current

### Project Manager

#### **A&P Engineers, A CHA Company, Miami, FL**

- Estimated quantities and material costs during project planning.
- Monitored execution of contract work for compliance with design plans and specs
- Provided professional engineering support services in design and construction.
- Accomplished client goals by providing quality technical projects.
- Developed project schedules and managed project from conceptualization to construction.
- Coordinated projects by working with other engineers, contractors, and regulatory agencies.
- Attended public meetings and events to explain project details.
- Reviewed and validated shop drawings.
- Prepared engineering scopes and fees.
- Responded to RFIs or RALs received from permitting agencies.

May 2016 –  
May 2020

### Project Engineer

#### **A&P Engineers, A CHA Company, Miami, FL**

- Interacted with project managers and team leaders to obtain critical design information necessary to complete projects within intended time frames.
- Designed and drafted large and small diameter pipelines such as water main, sewer mains and force mains, including applicable details.
- Designed and drafted storm water pollution prevention plans and dewatering plans, utilizing AutoCAD and Microstation.

Dec 2014 –  
May 2016

### Project Estimator

#### **Allied Roofing, Miami, FL**

- Analyzed and calculated field measurements, survey plans and plot plans to create proposals and process work orders.
- Delivered comprehensive bid proposals for Roofing projects and gained client approval on costs.
- Utilized cost estimation systems to document project information, create estimates and revise project costs to reflect current data.

Sep 2009 –  
May 2014

### University Professor

#### **University of Havana, Havana, Cuba**

- Used variety of learning modalities and support materials to facilitate learning process and accentuate presentations.
  - Supported multidisciplinary research teams focused on scholarly publication.
  - Created dynamic learning environment that valued instructor and student interaction.
  - Participated in projects, scientific investigations, and hydraulic modeling in Italy a part of PHD studies.
- 

## Education

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Sep 2004 –  
Jul 2009

### Bachelor of Science: Civil Engineering

*University of Havana - Havana, Cuba*

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## Certifications

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- March 2019 • Temporary Traffic Control (TTC) Advanced Course  
October 2020 • Horizontal Directional Drilling – Coverage of HDD for utilities and pipelines
- 

# Roberto Lamazares, P.E.

Civil Engineer

## Contact

### Address

Miami, Florida, 33184

### Phone

(786) 327-6176

### E-mail

lamazares@gmail.com

### LinkedIn

<https://www.linkedin.com/in/roberto-lamazares-p-e-3b657168>

## Skills

- AutoCAD Civil 3D proficiency
- Hydraulic Modeling
- Advanced problem solving
- Project scheduling
- Project Management
- Staff Management
- Budgeting
- Cost estimates
- Microsoft Office Suite
- Water and Sewer design
- Maintenance of Traffic design

## Key Projects

- DB services for the emergency repairs to the 12-inch force main on Brickell key bridge, Miami, Florida. The project consists of the design of 1,400 LF of HDD, including interconnections at the east and west of the bridge.  
Client: MD-WASD  
Project Role: Project Manager / EOR
- DB services for the installation of 15,200 LF of 54-inch Force Main from George T. Lohmeyer wastewater treatment plant to downstream side of crossing near sunrise Blvd. The project included 6 segments installed by HDD.  
Client: City of Fort Lauderdale  
Project Role: Project Manager / EOR
- DB services for roadway and drainage improvements of NE 3rd AVE., from NE 3rd ST. to NE 4th ST. in Delray Beach, Palm Beach County.  
Client: City of Delray Beach  
Project Role: Project Manager / EOR





# ALEJANDRO MEJIA

SAFETY MANAGER



1/1

**Industry Experience:** 16 yrs

**Education:**

AS in Business Administration

AS in Civil Engineering

OSHA 30 Certification

Alejandro Mejia has over 16 years of experience overseen municipal projects in highly urban environments, airports throughout Dade County, Broward County, Florida including storm sewer projects, storm sewer pump stations, sanitary sewer, force mains, water mains, roadway, and neighborhood improvement projects over the past decade.

## EXPERIENCE

**MDWASD INSTALLATION OF 42-INCH DIP WATER MAIN AND 10-INCH FORCE MAIN TO PORT OF MIAMI AND PS 9141 REPLACEMENT:**

Safety Manager for the Miami-Dade Water and Sewer Department (MDWASD) installation of 9,740 LF of 42-inch DIP and fittings; 42-inch mechanical joint resilient seated wedge gate valve; Venturi meter (including valve and fittings, manhole frame and cover, valve box quick disconnect, and concrete support slab); 260 LF of micro tunneling under existing FEC railroad right-of-way (including steel casing, drill shafts, and proposed area of construction); 4,600 LF of twin 30-inch HDPE HDD subaqueous channel crossing along Biscayne Bay from Bayside to Port of Miami; replacement of Pump Station (PS) 9141 (including existing 8-inch cast iron pipe (CIP) force main connecting to wastewater collection and transmission system); and installation of approximately 5,000 LF of 10-inch replacement force main pipeline between PS 9141 and a point of connection on the mainland (City of Miami).

**MDC EMERGENCY REPAIRS TO 72-INCH AND 54-INCH PCCP FORCE MAIN AT BISCAYNE BLVD & NW 156 STREET:**

Safety Manager for an emergency contractor for Miami-Dade Water & Sewer for over 10 years, David Mancini was as called upon to remove 60 LF of existing PCCP and replace with 60 LF section of 42" DIP which was located in the center of SW 2nd Ave entailed extensive MOT, shoring and dewatering.

**MDC INSTALLATION OF 54-INCH DIP FORCE MAIN AT OPA LOCKA EXECUTIVE AIRPORT:**

Safety Manager for furnishing and installing approximately 10,900 LF of 54- inch ductile iron pipe and fittings; 54- inch mechanical joint resilient seated wedge plug valves; connections to existing 48-inch force main and connection to existing 54-inch PCCP, including valves and fittings, access manholes installation.

**BROWARD COUNTY FLL, TERMINAL 4 EXTENSION, INSTALLATION OF MULTIPLE UNDERGROUND UTILITIES AT FORT LAUDERDALE INTERNATIONAL AIRPORT:**

Safety Manager for furnishing and installing approximately 1000 LF in storm sewer pipes ranging from 30-inch to 96-inch; 2000 LF in water mains ranging from 8-inch to 12- inch ductile iron pipe and fittings; 1500 LF in 8-inch sanitary sewer mains including laterals and new sanitary lift station. In addition to this, excavation of cast in place concrete piles and preparation of building pad for new Terminal 4.

**MDC INSTALLATION OF 54-INCH BAR WRAPPED CONCRETE CYLINDER PIPE WATER MAIN AT RED ROAD IV FDOT T-6345:**

Safety Manager of furnishing and installing approximately 4300 LF of 54- inch bar wrapped concrete pipe and fittings; 54- inch mechanical butterfly valves; connections to existing 54- inch water main and connection to existing 36-inch water main, including valves and fittings, access manholes installation.



## 4. Project Manger's Experience



New River Water Watermain Extension - Phase 2, RFP# 12713-125





## 4. PROJECT MANAGER’S EXPERIENCE



**David Mancini, Jr.**  
**DMSI**  
**Project Manager**

Mr. Mancini, Jr. has over 15 years of construction experience in South Florida. As a field laborer, David began his career in construction at only 15 years old, working on various construction projects for City Municipalities. As a Construction Manager of David Mancini and Sons, Inc., David administers all construction operations, residential public relations, and coordination regarding the construction projects. His specialization and experience is in neighborhood improvement projects, water main replacements, private property experience is in neighborhood improvement projects, water main replacements, private property. His management practice consists of a “first person on site and last person to leave” attitude. David’s main priority in administering construction operations is limiting at all cost the impact construction operations may impose on the residents.

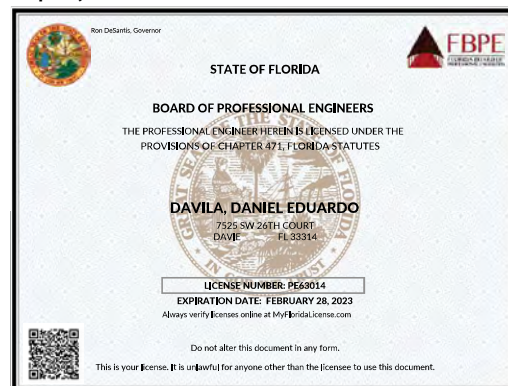
Mr. Mancini, Jr. has served 12 years with DMSI. Please refer to Mr. Mancini, Jr.’s resume at the end of section 3 “Qualifications of the Team” for related work experience and detailed qualification information. In addition, Mr. Mancini Jr. is committed for the duration of the project.



**Daniel Davila, P.E.**  
**CMA**  
**Design Manager**

Mr. Davila serves as Director of Water and Sewer for CMA’s engineering team and over 23 years of civil engineering experience. Daniel has extensive experience designing a variety of water and wastewater facilities, utilities master planning, construction management, rate/financial studies, and has worked on thousands of linear feet of water and sewer utility infrastructure renewal/replacement projects. He has been the contract manager for small projects as well as large complex projects managing millions of dollars in design fees and several subconsultants. He has served as project manager, Engineer of Record or Senior Engineer for more than 40 horizontal direction drill projects, including thousands of linear feet of watermain and forcemain projects that range from 6” in diameter up to 54” transmission lines, as well as for the design of several intracoastal crossings that range from 14” to 48” in diameter. Mr. Davila is an expert on Trenchless technologies having worked on dozens of Horizontal Directional Drilling (HDD), pipe bursting and HDPE compression-fit lining projects in Florida, Central America and the Caribbean. He is responsible for the implementation of the internal quality assurance process including the review of all documentations to ensure quality control has been completed at each phase of the design process.

Mr. Davila has served 11 years with CMA. Please refer to Mr. Davila’s resume at the end of section 3 “Qualifications of the Team” for related work experience and detailed qualification information. In addition, Mr. Davila is committed for the duration of the project.





## A. Example Projects - David Mancini and Sons & Chen Moore and Associates

### PUMPSTATION B-4 REDUNDANT FORCE MAIN



#### CLIENT

City of Fort Lauderdale

#### KEY PERSONNEL

Daniel Davila, P.E.

David Castro, P.E.

Vincent Logcino

Manuel Caamano

David Mancini Jr.

Fabio Angarita

#### PROJECT START AND END DATE

June 2021 - January 2022

#### DESIGN COST, CONSTRUCTION COST

Design: \$205,000 - Construction: \$1,440,000

#### REFERENCE CONTACT INFORMATION

Krishan Kandial

Phone: 954-828-5064

Email: Dlizarazo@gfnet.com

#### SCOPE OF WORK

CMA was the lead engineer and DMSI was the lead contractor for the Design/Build of the Pump Station b-4 Redundant Forcemain for the City of Fort Lauderdale. The forcemain was an important part of the City's back bone sewer system that carries water to the wastewater treatment facility. The project entails the design, permitting and CEI of approximately 5,400 linear feet of 30-inch HDPE forcemain. The project was fast-tracked and it entailed three horizontal directional drills with 70% of the project to be trenchless.



Project Manager's Experience



## A. Example Projects - David Mancini and Sons

# WATER MAIN AND FORCE MAIN INTRACOASTAL WATERWAY CROSSINGS AT LAS OLAS BLVD



### CLIENT

City of Fort Lauderdale

### KEY PERSONNEL

Daniel Lizarazo, City of FLL Project Manager  
David Mancini Jr.

### PROJECT START AND END DATE

2016 - 2017

### CONSTRUCTION COST

Construction: \$3,038,406

### REFERENCE CONTACT INFORMATION

Daniel Lizarazo  
Phone: 954-828-6982  
Email: Dlizarazo@gfnet.com

### SCOPE OF WORK

This project consists of (1) 20 inch nominal diameter water main utilizing HDPE installation via horizontal directional drilling in the crossing of the Intracoastal Waterway. (1) 16-inch nominal diameter force main HDPE installation via horizontal directional drilling in the crossing of the ICW. Along with cut and capping of the existing 16-inch water main on the north side of Las Olas Blvd. Bridge at both sides of the ICW and connecting all proposed piping to the existing piping on-shore utilizing 16-inch PVC pressure pipe meeting AWWA C905 standard.

This project was the City's first Design Build. Delivered on time and under budget; Including strict FIND deadlines and acceleration required for City's cherished annual Boat Show.

Project Manager's Experience



# WATER MAIN INSTALLATION PROJECT WEST 63RD STREET (SR 907)



## CLIENT

City of Miami Beach

## KEY PERSONNEL

David Mancini Jr.

## PROJECT START AND END DATE

2016 - 2017

## CONSTRUCTION COST

Construction: \$1,661,179.52

## REFERENCE CONTACT INFORMATION

Bruce Mowry, Stantec

Phone: 305-673-7080

Email: Bruce.Mowry@Stantec.com

## SCOPE OF WORK

This project consists of a Water Main Replacement along the city's major causeway of 63rd Street between La Gorce Dr. and Indian Creek Dr. The installation of approximately 1,100 LF of 20-inch water main pipe of horizontal directional drilling, 210 LF of 12 inch, 280 LF of 8-inch , 200 LF of 6-inch of ductile iron pipe and fittings, relocation and replacement of one fire hydrant, traffic control and all ancillary and miscellaneous work as per plan and specifications.

Project Manager's Experience





# RICKENBACKER CAUSEWAY 20" WATER MAIN VIA HDD, MIAMI-DADE COUNTY FOR MDWASD



## CLIENT

MDWASD and Kiewit Infrastructure South Co.

## KEY PERSONNEL

David Mancini Sr.

## CONSTRUCTION COST

\$1,860,000

## PROJECT START AND END DATE

August 2013 - March 2014

## REFERENCE CONTACT INFORMATION

Frank Di Cilio, Kiewit Infrastructure South Co.

Phone: 813-241-7370

Email: Frank.Digilio@kiewit.com

## SCOPE OF WORK

Project entailed the installation of approximate 4,000 LF of 20" Water Main (HDPE) along the South side of the Old Rickenbacker Bridge via Horizontal Directional Drill (HDD) for Miami-Dade Water and Sewer Dept. Scope of Services Provided: Design of the HDD was provided and all construction services related to furnishing and installing all pipe and fittings, fusing and testing the HDPE, installation via HDD, and all connections. The removal of the existing 12" water main pipe from under the old bridge was also performed.

Project Manager's Experience



# RIO VISTA EMERGENCY 54" FORCE MAIN REPLACEMENT DESIGN BUILD



## CLIENT

City of Fort Lauderdale

## KEY PERSONNEL

David Mancini Jr.  
Richard Mancini  
Onique Williams

## PROJECT START AND END DATE

January 2020 - June 2021

## CONSTRUCTION COST

\$29,908,007

## REFERENCE CONTACT INFORMATION

Scott Teschy  
Phone: 954-995-5552  
Email: STeschy@fortlauderdale.gov

## SCOPE OF WORK

The methods of installation open cut along SE 9th Ave and SE 12 ST and directional drilling for the Tarpon River crossing. The final alignments and lengths determined by existing site conditions were. The Record Drawings of a Fixed Bridge were unavailable with unknown Pile Depths. Our Design Build team was successful in delivering this emergency HDD with compound turns to circumvent the bridge piles and kept the 54-inch hdpe within the 8' right of way, just outside the bridge piles. Such included an "Intersect HDD Technique" where two different pilots were utilized and intersected in the middle of the bore-path. Such ensured a successful installation. Project was emergency procured, permitted, designed, installed, and PLACED IN SERVICE successfully, ahead of it's already aggressive schedule.

Project Manager's Experience



# PORTMIAMI - 42" WATER MAIN - 2-30" HDD - 12" FORCE MAIN 2-12" HDD - LIFT STATION 9141

## CLIENT

Miami-Dade County WASD

## KEY PERSONNEL

Fabio Angarita

Ryan Kaltz

## PROJECT START AND END DATE

2018 - 2019

## CONSTRUCTION COST

Construction: \$18,884,160

## REFERENCE CONTACT INFORMATION

Gary Clarke

Phone: 305-205-6980

Email: Gary.Clarke@miamidade.gov

## SCOPE OF WORK

The project consists of furnishing and installing approximately 9,740 LF of 42-inch DIP and fittings; 42-inch mechanical joint resilient seated wedge gate valve; Venturi meter, including valve and fittings, manhole frame and cover, valve box quick disconnect and concrete support slab; making an inline connection to a proposed 36-inch water main at Biscayne Boulevard; approximately 260 LF of micro tunneling under existing FEC railroad right-of-way, with steel casing, drill shafts, and proposed area of construction; approximately 4,000 LF of twin 30-inch HDPE Water Main & 4,000 LF of twin 12-inch HDPE Force Main horizontal directional drilling subaqueous channel crossing along Biscayne Bay from Bayside to Port of Miami.

Project was delivered on-time ahead of the Massive Crews ships arriving to PortMiami for the first time.





# 54” HDPE FORCE MAIN ALONG EUCLID AVENUE



## CLIENT

City of Miami Beach

## KEY PERSONNEL

David Mancini Sr.

David Mancini, Jr.

Fabio Angarita

## PROJECT START AND END DATE

2015 - 2018

## CONSTRUCTION COST

Construction: \$17,822,731

## REFERENCE CONTACT INFORMATION

Bruce Mowry, Stantec

Phone: 305-673-7080

Email: Bruce.Mowry@Stantec.com

## SCOPE OF WORK

This Design-Build consisted of the installation of a 54” PCCP FM for the City of Miami Beach serves as the marquee project in our roster exhibiting our Team’s commitment to ensure that all our clients concerns are met. A proposed 54” redundant force main was implemented along Euclid Avenue in the City of Miami Beach.

The force main (FM) was a crucial component of the City of Miami Beach to improve the quality of service in this touristic area. Phase I installed a 54” HDPE force main along Euclid Avenue from 11th Street to Washington Avenue and along Washington Avenue from Euclid Avenue to Commerce Court. The scope of services for this section of the project included the design and construction of around 4,450 LF of 54” HDPE force main installed by Horizontal Directional Drilling (HDD). A connection to Pump Station #31 was included in this phase. The project required constant communication with the city, as the team worked around the clock to deliver the project within the tight schedule. The project’s expedited design schedule was met, with no major setbacks.

Project Manager’s Experience



# HDD OF 24” HDPE FORCE MAIN AND 24” WATER MAIN AT BISCAYNE CANAL, NORTH MIAMI



## CLIENT

City of North Miami

## KEY PERSONNEL

Fabio Angarita

Ryan Kaltz

## PROJECT START AND END DATE

2016 - 2017

## CONSTRUCTION COST

Construction: \$604,241.66

## REFERENCE CONTACT INFORMATION

Hasan Rizvi, P.E.

Phone: 954-376-2655

Email: hrizvi@northmiamifl.gov

## SCOPE OF WORK

The scope of services for this project included the design and construction of 900 LF of 24-in FM and 24-in WM installed by HDD. The existing water and sewer mains that cross the Biscayne Canal were attached to an existing pedestrian bridge. These lines were in conflict with a proposed storm-sewer pump station that will be built in the northeast corner of the intersection of NE 131st ST and Griffin Blvd. therefore, these two lines will be replaced. The project included the installation of 450 LF of 24-in FM installed by HDD under the Biscayne Canal from Griffin Blvd to NE 2nd Ave. The new 24-in FM will be interconnected to the existing force mains on both sides of the canal. The project also encompasses 450 LF of 24- in WM installed also by HDD, which also crosses the Biscayne Canal. The proposed WM has been permitted by FDEP an includes isolation valves, leak testing assemblies and interconnections to the existing water mains.

Project Manager's Experience



# BEAR CUT & WEST BRIDGE MACARTHUR CAUSEWAY



## CLIENT

Kiewit Infrastructure

## KEY PERSONNEL

David Mancini Sr

Ryan Kaltz

## PROJECT START AND END DATE

2013 - 2014

## CONSTRUCTION COST

Construction: \$1,860,000

## REFERENCE CONTACT INFORMATION

Frank Di Cilio, Kiewit Infrastructure South Co.

Phone: 813-241-7370

Email: Frank.Digilio@kiewit.com

## SCOPE OF WORK

The Bear Cut underground utility construction project consisted of two directional drills. One was the installation of approximately 1,400 linear feet of 20" Water main across West Bride via Horizontal Directional Drilling. The second HDD was 3,000 linear feet of 20" Water main across Bear Cut Bridge on the Rickenbacker Causeway in Key Biscayne, FL. DMSI pipe tapped into the existing allowing for this relocation of the bridge superstructures to be reconstructed. The proposed water main was fully constructed prior to decommissioning the existing system. Extensive public outreach was performed in order to maintain all operations.

Project Manager's Experience





# CITY OF MIAMI TIDAL VALVES INSTALLATION AND BRICKELL DRAINAGE ISSUES



## CLIENT

City of Miami

## KEY PERSONNEL

David Mancini Jr.

Ryan Kaltz

## PROJECT START AND END DATE

June 2019 - July 2020

## REFERENCE CONTACT INFORMATION

Keith Nguyen

Phone: 305-619-2368

Email: KeithNg@miamigov.com

## CONSTRUCTION COST

\$2,156,876

## SCOPE OF WORK

1. Installation of more than 65 backflow tidal valves from (Wapro) on the outfall pipe inside the closest structure to the Biscayne Bay, Miami River and City of Miami Canals. Different locations throughout the entire City of Miami
2. Valve Sizes all the way from 8" to 54"
3. Removal and Replacement of structure top slabs to facilitate the installation of valves larger than 20"
3. CCTV of Existing System
4. Plug Outfalls and bypass to clean existing Drainage Pipes
5. Assist the City of Miami in assessing what caused the flooding in a particular area and design a permanent solution to prevent flooding during King Tide and Rain Season
6. One of the Area was Brickell Ave between 8th St and 15th St and Brickell Dr between 8th St and 15th St

Project Manager's Experience



## A. Example Projects - Chen Moore and Associates

# BROWARD COUNTY UAZ 110/111 & 113 WATER SEWER IMPROVEMENTS 110/111



### CLIENT

Broward County

### KEY PERSONNEL

Daniel Davila, P.E.

Vincent Logcigno, P.E.

Manuel Caamano

### PROJECT START AND END DATE

2016 - On-going

### DESIGN / CONSTRUCTION COST

Design: \$4,831,452 Construction: \$11,171,569

### REFERENCE CONTACT INFORMATION

Broward County Water and Wastewater Services

Michael Hagerty

Phone: 954-831-0901

Email: mhagerty@broward.org



### SCOPE OF WORK

Broward County UAZ Water Sewer Improvements 110/111, Lauderdale Lakes, FL. The UAZ 110/111 project include the improvements to the existing water distribution and sanitary sewer system within the City of Lauderdale Lakes and the City of Oakland Park, along with restoration of surface areas disturbed for the construction of the improvements. The project had a combined total area of 479 acres and included the installation of 57,400 linear feet of gravity sewer, 4,400 linear feet of forcemain, and 72,100 linear feet of watermain. The total project included 133,900 linear feet of pipe. Pipe installation took place along local city roads, as well as County and FDOT jurisdiction roadways including West Oakland Park Boulevard and US-441. The water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, and polyvinyl chloride pipe ranging from 2" - 24" in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner, and ductile iron pipe ranging from 8" - 18" in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron, and polyvinyl chloride pipe of 12" in diameter size. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction. The project is currently under construction and CMA is performing construction administration services.



Project Manager's Experience





# BROWARD COUNTY UAZ 110/111 & 113 WATER SEWER IMPROVEMENTS 113A



## CLIENT

Broward County

## KEY PERSONNEL

Daniel Davila, P.E.

Vincent Logcigno, P.E.

Manuel Caamano

## PROJECT START AND END DATE

2016 - On-going

## DESIGN / CONSTRUCTION COST

Design: \$3,155,461 Construction: \$12,998,918

## REFERENCE CONTACT INFORMATION

Broward County Water and Wastewater Services

Michael Hagerty

Phone: 954-831-0901

Email: mhagerty@broward.org



## SCOPE OF WORK

Broward County UAZ Water Sewer Improvements 113A, Lauderdale Lakes, FL. The UAZ 113A project include the improvements to the existing water distribution and sanitary sewer system within the City of Lauderdale Lakes, along with restoration of surface areas disturbed for the construction of the improvements. The project had a total area of 207 acres and included the installation of 22,000 linear feet of gravity sewer, 5,800 linear feet of forcemain, and 29,800 linear feet of watermain. The total project included 57,600 linear feet of pipe. Pipe installation took place along local city roads, as well as County and FDOT jurisdiction roadways including West Oakland Park Boulevard and US-441. The water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, and polyvinyl chloride pipe ranging from 2” - 18” in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner, and ductile iron pipe ranging from 8” – 12” in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron, and polyvinyl chloride pipe ranging from 6” – 16” diameter size. County lift station 50N was rehabilitated as part of this project. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction. The project is currently under construction and CMA is performing construction administration services.

Project Manager's Experience





# BROWARD COUNTY UAZ 110/111 & 113 WATER SEWER IMPROVEMENTS 113B



## CLIENT

Broward County

## KEY PERSONNEL

Daniel Davila, P.E.  
Vincent Logcigno, P.E.  
Manuel Caamano

## PROJECT START AND END DATE

2016 - On-going

## DESIGN / CONSTRUCTION COST

Design: \$4,472,565 Construction: \$29,137,738

## REFERENCE CONTACT INFORMATION

Broward County Water and Wastewater Services  
Michael Hagerty  
Phone: 954-831-0901  
Email: mhagerty@broward.org



## SCOPE OF WORK

Broward County UAZ Water Sewer Improvements 113B, Lauderdale Lakes, FL. The UAZ 113B project included the improvements to the existing water distribution and sanitary sewer system within the City of Lauderdale Lakes, along with restoration of surface areas disturbed for the construction of the improvements. The project had a total area of 350 acres and included the installation of 42,700 linear feet of gravity sewer, 1,500 linear feet of forcemain, and 66,200 linear feet of watermain. The total project included 110,400 linear feet of pipe. Pipe installation took place along local city roads, as well as County and FDOT jurisdiction roadways including NW 31st Avenue, West Oakland Park Boulevard, and US-441. The water main consists of asbestos cement, cast iron, ductile iron, galvanized steel, and polyvinyl chloride pipe ranging from 2” - 24” in diameter size. The sanitary sewer consists of vitrified clay, fold and form liner, cured in place liner, and ductile iron pipe ranging from 8” – 18” in diameter size. The force main consists of asbestos cement, cured in place liner, ductile iron, and polyvinyl chloride pipe ranging from 6” – 8” in diameter size. County lift station 50M1 was rehabilitated as part of this project. The restoration of roadways, sidewalks, driveways, and landscape areas will need to be performed as needed for water and sanitary sewer improvement construction. CMA performed CEI services during construction and the project is currently in the close-out phase.

Project Manager's Experience



New River Water Watermain Extension - Phase 2, RFP# 12713-125



CAM 22-1115 4-14

Exhibit 3

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# CENTRAL BAYSHORE SOUTH RIGHT-OF-WAY INFRASTRUCTURE IMPROVEMENTS



## CLIENT

City of Miami Beach (Ric-Man International was the Contractor, and our direct client for this project)

## PROJECT START AND END DATE

2016 - 2018

## DESIGN / CONSTRUCTION COST

Design: \$1,150,280 Construction: \$16,600,000

## REFERENCE CONTACT INFORMATION

Ric-Man International

Rene Castillo, Sr.

Phone: 954-426-1042

Email: rcastillo@ric-man.us



## SCOPE OF WORK

The Central Bayshore South Right-of-Way Infrastructure Improvement Program is an approximately \$18M Design-Build Project located in Miami Beach, Florida. The project limits stretch from Dade Boulevard north to West 34 Street and from Meridian Avenue east to the Indian Creek waterway.

The project included the reconstruction and elevation of roadways within the project area, driveway and swale harmonization, a new stormwater collection, conveyance, treatment, and pump station system, new transmission and distribution water mains, a new multi-use bike/pedestrian path, improved street lighting, improved roadway signage and pavement markings, and appropriate landscape mitigation. In total, the project proposed approximately 10,000 linear feet of water main ranging from 6" to 16" and approximately 13,600 LF of new roadway. The proposed stormwater system serving approximately 82 acres included gravity lines throughout the neighborhood ranging from 18" to 72", a vortex water quality treatment unit, one new pump station to be manifolded with two existing pump station, a 42" stormwater force main, an energy dissipater box, and a new outfall at the Indian Creek waterway. The system is equipped with backflow prevention devices in anticipation of sea level rise. As directed by the City, the water main portion of the project was the only portion constructed.



Project Manager's Experience





# MDWASD - AREA S-4 WASTEWATER SYSTEM AND POTABLE WATER SYSTEM IMPROVEMENT



## CLIENT

Miami Dade Water and Sewer Department (MDWASD)

## PROJECT START AND END DATE

2019 - On-going

## DESIGN / CONSTRUCTION COST

Design: \$379,148

## REFERENCE CONTACT INFORMATION

MDWASD

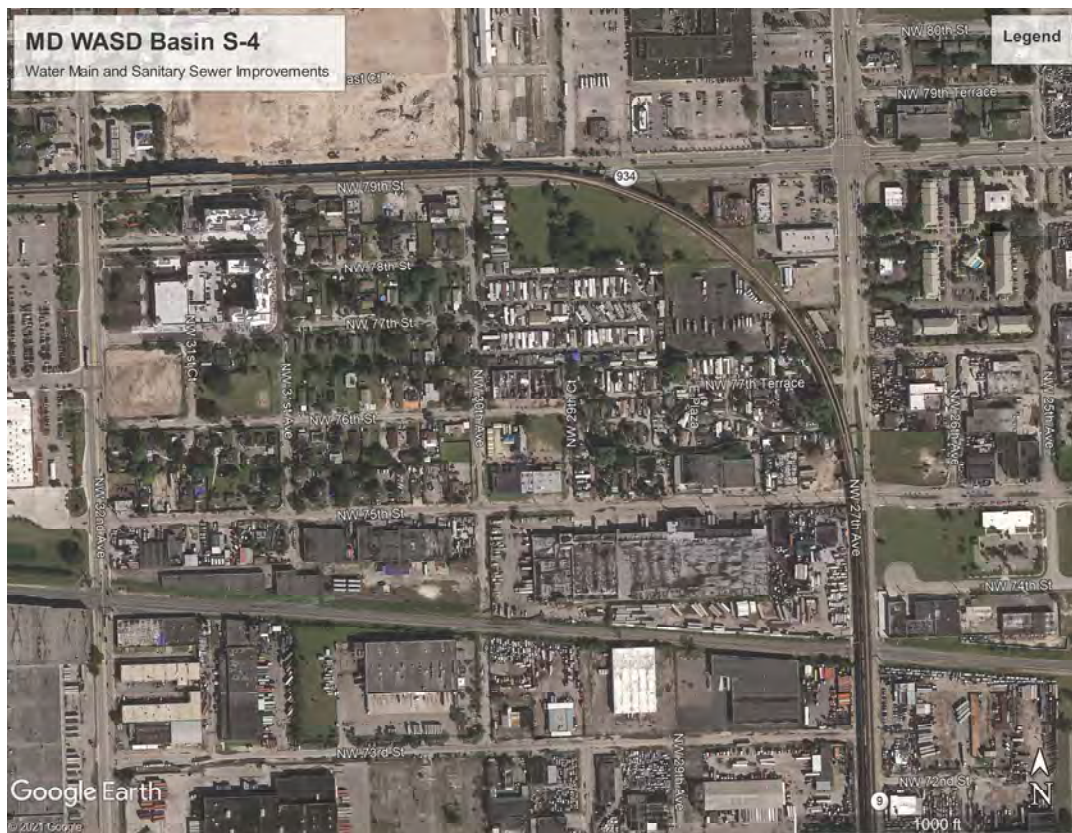
David Marquez

Phone: 786-552-8826

Email: David.Marquez@miamidade.gov

## SCOPE OF WORK

CMA is providing professional civil engineering services, including the design, permitting, bid support and construction administration support services of a new gravity sewer and potable water system in the unincorporated neighborhood of Brownsville in Miami-Dade County, FL. The project, will include 8", 10" and 12" gravity sewer main with 6" laterals and 3,300 linear feet of 12" potable water distribution system, complete with appropriate fire hydrants and water service meters for customers. This project will interface with several adjacent projects for interconnectivity of both the gravity sewer and potable water systems and will include at least two directional drill installations underneath and existing CSX railroad.



Project Manager's Experience





# NE 35TH AVENUE WATER MAIN REPLACEMENT



## CLIENT

City of North Miami Beach

## KEY PERSONNEL

Manuel Caamano

## PROJECT START AND END DATE

2020 - On-going

## DESIGN / CONSTRUCTION COST

Design: \$202,610

## REFERENCE CONTACT INFORMATION

City of North Miami Beach

Maceo Lewis

Phone: 305-354-4431

Email: LewisM@bv.com



## SCOPE OF WORK

CMA provided design and permitting for the civil engineering improvements for NE 35th Avenue for the City of North Miami Beach. The design included divided lanes, drainage improvements, new sidewalks/ADA accessibility, signage and striping. CMA also designed and permitted the replacement of two existing watermains. The new watermains include the Horizontal Directional Drilling in a highly dense residential area with only one access to the Island. The new transmission line is a 20" HDPE watermain designed to be installed via HDD in three segments for a total of 3,400 linear feet of pipe up to 30 feet deep with compound curves.

The project also included the replacement of 3,400 feet of 12" ACP with new HDPE pipe via pipe bursting. CMA's scope of services also included coordinating a topographic survey, geotechnical exploration, traffic analysis, site reconnaissance, utility coordination, construction documents, permitting, bidding assistance and limited construction administration support services.

Project Manager's Experience



CONCEPT & PROPOSED IMPROVEMENTS  
JUNE 24, 2018

NE 35TH AVE ROADWAY ENHANCEMENTS



# CITY CENTER RIGHT-OF-WAY AND UTILITY IMPROVEMENT PROJECT



## CLIENT

City of Miami Beach

## PROJECT START AND END DATE

2004 - 2012

## DESIGN / CONSTRUCTION COST

Design: \$3,611,340 Construction: \$21,200,000

## REFERENCE CONTACT INFORMATION

City of Miami Beach

Maria Hernandez

Phone: 305-673-7071

Email: mariahernandez@miamibeachfl.gov



## SCOPE OF WORK

CMA was the prime consultant and was responsible for providing surveying, planning, geotechnical investigation, design, permitting, preparation of construction documents, bid and award and construction engineering and inspection (CEI) services for infrastructure improvements within the public right-of-way (ROW) areas of the City Center neighborhood of Miami Beach. The project encompasses approximately 24,000 LF of ROW infrastructure improvements including: 8,700 LF of 8-inch and 9,800 LF of 20-inch water main replacements; sewer improvements, stormwater drainage improvements; paving & grading; roadway/traffic improvements (streets, sidewalks, curb and gutter, drainage, traffic control devices including striping, signing and channelization); streetscaping and landscaping enhancements; decorative, landscape and roadway lighting improvements; and roadway reconstruction. Additionally, due to existing listed contaminated sites within the proximity of the ROW improvements, environmental coordination, including site analysis and consideration of the radius of influence, was necessary for coordinating dewatering operations. Due to the existing mixed residential and commercial environment of this neighborhood, special design efforts were made to incorporate walkable community elements including meeting all ADA requirements, providing street furniture, providing bicycle paths, upgrading sidewalks, incorporating specialty treatments at crosswalks, landscaping improvements with specialized tree wells to provide a walkable surface and bulb outs to increase pedestrian friendliness and safety. This project also required extensive coordination with the public, adjacent CRAs, historic districts and various regulatory agencies.



As part of the proposed stormwater and drainage services, extensive analysis was conducted utilizing ICPR Modeling and GIS to meet or exceed required stormwater Level of Services standards. ICPR Modeling was utilized for the design and permitting of 14 drainage gravity wells. The proposed stormwater design included the introduction of catch basins and stormwater piping to effectively collect and route the stormwater to 16 drainage gravity wells with overflow outfall connections to Biscayne Bay. Due to the environmental sensitivity of Biscayne Bay design and implementation of water quality treatment measures was an important consideration and design factor of the system prior to outfall to the Bay and was closely coordinated with regulatory agencies during the permitting process.

Project Manager's Experience





# PARK DRIVE 16-INCH WATER MAIN REPLACEMENT



## CLIENT

Village of Bal Harbour

## PROJECT START AND END DATE

2018 - 2021

## DESIGN / CONSTRUCTION COST

Design: \$150,660 Construction: \$1,900,000

## REFERENCE CONTACT INFORMATION

Village of Bal Harbour

John Oldenburg

Phone: 305-993-7316

Email: joldenburg@balharbourfl.gov

## SCOPE OF WORK

CMA provided civil engineering design, government permitting assistance, and limited construction administration services for the Park Drive 16-inch Water Main Replacement project for the Village of Bal Harbour, Florida. CMA designed the 5,300-LF 20-inch HDPE pipe replacing the Village's single potable water transmission main between two turbine meters at each end of the municipality. The design proposed a combination of traditional and trenchless installation methods to minimize interruption to the neighborhoods and apartment buildings adjacent to the pipeline. CMA coordinated with the Village's utility director, the general contractor, and multiple other consultants working on development projects with connections to the new potable water main throughout the design and construction phases of the project. The total construction cost was approximately \$1.9 million.



Project Manager's Experience





# SILVER BEACH ROAD WIDENING PROJECT



## CLIENT

City of Riviera Beach Utility District

## KEY PERSONNEL

Vincent Logcigno, P.E.

## PROJECT START AND END DATE

2013 - 2021

## DESIGN / CONSTRUCTION COST

Design: \$57,467

## REFERENCE CONTACT INFORMATION

City of Riviera Beach Utility District

Martha McNicholas

Phone: 561-373-1450

Email: [MMcnicholas@rivierabeach.org](mailto:MMcnicholas@rivierabeach.org)

## SCOPE OF WORK

Chen Moore and Associates was asked by the City of Riviera Beach Utility District to coordinate the relocation of underground utilities which are in conflict with the County's proposed road widening project for Silver Beach Road. The scope of work includes evaluation of County plans for utility conflicts, field investigation, design, permitting and construction administration for 1,040 LF of 12-inch and 650 LF of 16-inch transmission main.



Project Manager's Experience



# SEACOAST UTILITY AUTHORITY WESTERN COMMUNITY PIPELINE EXTENSION



## CLIENT

Seacoast Utility Authority

## PROJECT START AND END DATE

2018 - 2020

## DESIGN / CONSTRUCTION COST

Design: \$57,467

## REFERENCE CONTACT INFORMATION

Seacoast Utility Authority

Brandon Selle

Phone: 561-267-2900

Email: bselle@sua.com

## SCOPE OF WORK

CMA was contracted by Seacoast Utility Authority for surveying and engineering services for the design, permitting, bidding, construction administration, and permit certification of force main and watermain improvements within easements along Northlake Boulevard. Phase I is located from the eastern boundary of Ancient Tree to the eastern boundary of Osprey Isles and will consist of approximately 1,650 linear feet of 12-inch watermain and 6-inch force main, connections to existing mains, and disconnects with the City of West Palm Beach. Phase II will be located from the western side of Memorial Park Drive to the eastern boundary of the Carleton Oaks property and will consist of approximately 1,000 linear feet of 10-inch watermain and 4-inch force main, related tie ins to existing system components, and an interconnect meter station with City of West Palm Beach.



Project Manager's Experience





# PALM BEACH SHORES WATER MAIN IMPROVEMENT PROJECT



## CLIENT

City of Riviera Beach Utility District

## PROJECT START AND END DATE

2018 - 2018

## DESIGN / CONSTRUCTION COST

Design: \$154,390

## REFERENCE CONTACT INFORMATION

City of Riviera Beach Utility District

John Armstrong

Phone: 561-845-4185

Email: JArmstrong@rivierabeach.org



## SCOPE OF WORK

CMA provided civil engineering for the Palm Beach Shores Water Main Improvement Project for the Riviera Beach Utility District (RBUD). The RBUD needs to replace the aging asbestos concrete water mains within “outer loop” roads so the Town of Palm Beach shores can resurface them. The project included 4,400 LF of 12-inch watermain. CMA performed survey coordination; utility coordination; field verification; geotechnical coordination; water main design; permitting; and bidding assistance.



Project Manager's Experience





# 31ST TO 35TH STREET WATER MAIN IMPROVEMENTS



## CLIENT

City of West Palm Beach

## PROJECT START AND END DATE

2018 - 2019

## DESIGN / CONSTRUCTION COST

Design: \$591,556 Construction: \$3,723,184

## REFERENCE CONTACT INFORMATION

City of West Palm Beach

Daniel Roberge

Phone: 561-822-2100

Email: droberge@wpb.org

## SCOPE OF WORK

CMA is providing engineering and consulting professional services for the Water Main Improvements on 31st, 32nd, 33rd, 34th & 35th Streets for the City of West Palm Beach. The utility improvements are being completed under the City's bond program, and have strict deadlines for completion. The neighborhood includes 1,400 LF of 12-inch watermain, sanitary sewer replacement, roadway, curb and sidewalk improvements. In addition to the design and permitting efforts, the CMA Team is providing public outreach efforts including presentation at Neighborhood Association Meetings and City Commission. CMA is also submitting this project for Envision Certification, by the Institute for Sustainable Infrastructure. This certification process includes a submittal package for each credit, coordination with the Contractor and various City departments.



City of West Palm Beach  
Water Main Improvements  
31st, 32nd, 33rd, 34th, & 35th Streets  
Project Area

Project Manager's Experience



# GARDEN ROAD UTILITY RELOCATION PROJECT



## CLIENT

City of Riviera Beach Utility District

## PROJECT START AND END DATE

2012 - 2021

## DESIGN / CONSTRUCTION COST

Design: \$637,751

## REFERENCE CONTACT INFORMATION

City of Riviera Beach Utility District

John Armstrong

Phone: 561-845-4185

Email: JArmstrong@rivierabeach.org



## SCOPE OF WORK

Chen Moore and Associates has had a continuing services contract with the Riviera Beach Utility Special District since 2008. The work under this contract has consisted of utility relocations associated with FDOT and Palm Beach County roadway projects, and utility improvement projects. For the utility relocation projects, CMA assisted the City of Riviera Beach Utility District (RBUD) with coordinating the relocation of underground utilities which are in conflict with proposed road widening projects for Blue Heron Boulevard/Dixie Highway, Dyer Road/Haverhill Boulevard, US 1, Martin Luther King Boulevard Phase B and C, Blue Heron Boulevard/Congress Avenue, Silver Beach Road and Garden Road. The pre-construction scope of services included coordination with RBUD and local regulatory agencies, coordinating utility location efforts, design of utility relocation and traffic management plans to FDOT standards and permitting. The projects involve over \$5 million in water and sewer improvements completed in conjunction with FDOT and Palm Beach County projects. Special consideration was needed for the replacement of 12-inch AC water mains and the protection of existing AC mains to remain during construction of the drainage and roadway. This effort also included the design and permitting of a water main directional drill under Florida East Coast Railway right of way. Through extensive coordination with FDOT and Palm Beach County, CMA was able to evaluate the proposed road and drainage improvements and determine alternatives to avoid utility conflicts. CMA was also responsible for the bidding assistance which included conducting a pre-bid meeting, responding to bidder questions, evaluation of bids and recommendation for award. The construction administration services include conducting a pre-construction meeting and weekly progress meetings, shop drawing review, continued coordination with RBUD, Palm Beach County and FDOT, response to contractor RFIs, construction inspections, quantity tracking, tracking of test results, conducting substantial completion and final completion walk-throughs, and final certification of the project.

Project Manager's Experience





# C-14 WATER MAIN CANAL CROSSING



## CLIENT

City of Margate (Carollo Engineers was our direct client for this project)

## PROJECT START AND END DATE

2014 - 2015

## DESIGN / CONSTRUCTION COST

Design: \$70,752

## REFERENCE CONTACT INFORMATION

Carollo Engineers

Thomas Gillogly

Phone: 954-837-0030

Email: tgillogly@carollo.com

## SCOPE OF WORK

CMA, as a subconsultant to Carollo Engineers, was contracted by the City of Margate to perform the design, permitting and construction administration of water main improvements. The improvements were identified as part of a separate task order in which the water model for the City was updated. The C-14 canal crossing was proposed in order to provide redundancy to the distribution system. The improvements include a directional drill under the SFWMD C-14 canal and a total of 2,300 LF of 12-inch and 14-inch of water main installation to provide redundancy in the service area. Permitting coordination is required with both SFWMD and the ACOE for special approvals.



Project Manager's Experience





## Resumes

Please refer to our resumes in Section 3 “Qualifications of the Team” starting on Page 3-5.

## Organization Chart

Please refer to our organization chart in Section 1 “Qualifications of the Firm”, E. Organizational Chart on Page 2-12.



# 5. Project Methodology & Approach



New River Water Watermain Extension - Phase 2, RFP# 12713-125





# 5. PROJECT METHODOLOGY & APPROACH

Delivering a quality project to achieve your goals. Our approach is based on many years of successful service to the City.

## I. BACKGROUND

The City of Fort Lauderdale (CITY) has announced an upcoming project that involves replacement of aging and deteriorating watermain located in Downtown Fort Lauderdale Civic Association Neighborhood. The project is located along SE 1st Avenue, extending from the New River Canal to Broward Boulevard. The project location is displayed in Image I below. The existing watermain to be replaced are 16-inch diameter ductile iron pipes (DIP) installed approximately 40 years ago. The proposed project includes the following tasks:

- The replacement of approximately 1,400 linear feet of 16-inch nominal diameter water mains with a new 16-inch and 10-inch polyvinyl chloride DR 18 (PVC) pipe, interconnected with the existing system using open-cut installation method.
- The replacement of all existing service connections to comply with city standards.
- The replacement of existing fire hydrant assemblies connected to the existing water main that is proposed to be replaced. Adequate fire hydrant coverage shall be considered during the design process.
- Connect the 16-inch DR 18 PVC water main piping to the existing 12" DIP water main located to the north end of the project with a tapping sleeve and valve. The 10-inch PVC is to extend south for existing service connections. Connections to the existing system shall be performed using wet taps to avoid interruption of service.
- Full lane restoration of the northbound and southbound lanes along SE 1st Avenue in accordance with City and County standards.
- Abandoning the existing 20" WM located south of the New River by cut and capping the system.



David Mancini and Sons (DMSI) has teamed up with Chen Moore and Associates (CMA) to provide an efficient engineering approach to this project and to ensure that all DCP requirements are being met.





## II. METHODOLOGY AND APPROACH

The DMSI and CMA have successfully designed, permitted, and constructed several water and sewer projects within South Florida and the City of Fort Lauderdale. The DMSI/CMA team is confident in our capability to complete this project within the project schedule defined in the RFP, 274 days for substantial completion and 304 days for final completion. In fact, our team proposes to expedite the project and complete it ahead of schedule as indicated in the “Project Schedule” section. Our extensive knowledge of the City and our ability to self-perform critical path construction activities, ultimately will allow us to better control the project schedule and budget. Our approach of dividing the pipe installation in packages will result in greater focus and efficiency. We can leverage our position to resolve issues and have items delivered expeditiously and cost effectively. In conjunction, DMSI employs more than 60 field craft workers who live within the Broward County area. We are certain no other team will bring to this project a greater breath of knowledge of the local working conditions or depth of Florida resources. DMSI’s crew bring more than 50 years of experience in the installation of water pipelines. Our crews are well equipped to manage construction activities with a focus on maximum sustainability.



CMA will lead the design of this project and has an extensive history with the City of Fort Lauderdale on a variety of projects. CMA is known for complying and following the Design Criteria Package and the City’s Design and Construction Standard Specifications and Details. CMA will evaluate the project location and project scope to identify the most cost and time effective design and approach to the project. The preliminary design approach is discussed in the following sections.

Together, CMA and DMSI have recently completed some of the more challenging pipeline projects the City has procured in recent years. Their knowledge of the City and expertise in utilities will ensure that the project is completed within budget and ahead of schedule.



Based on our success as a Design-Build team the following displays our steps in our approach to successfully complete this project:

- a. Existing Site Conditions
- b. Conceptual Design

**a. Existing Site Conditions**

**Existing Conditions and Utility Coordination**

The City of Fort Lauderdale included as-built drawings in the RFP, which identify the existing utilities within the project limits. However, utility coordination and verification processes should still be implemented during the design/build process for accuracy. Several activities will be performed to obtain existing conditions data for the project area. The DMSI/CMA team will perform a preliminary investigation of the neighborhood, site conditions, and the existing utilities, including the existing water system. Our team will perform Utility Targeting (GPR) and testholes to determine the exact location and depth of potential utility conflicts. DMSI has purchased a brand new GPR unit to be used in the investigation of existing utilities. Additionally, a design utility locate will be performed with Sunshine One (811) to determine the location of the existing utilities within the area. Existing GIS data and other existing information will also be reviewed and incorporated in the plans. A topographic survey of the project limits will be performed, which will incorporate site elevations and grades, as well as subsurface information.



Existing utilities in center of travel lane and sidewalk area

It is imperative that design tickets (811 calls), coordination with utility providers, testholes, and as-built review are thoroughly performed to understand the project constraints and to determine the best option for design. The DMSI/CMA team has in-house procedures to ensure that no critical step is missed prior to the design of the project. A log for utility coordination is continuously updated during this phase as information is made available to us.

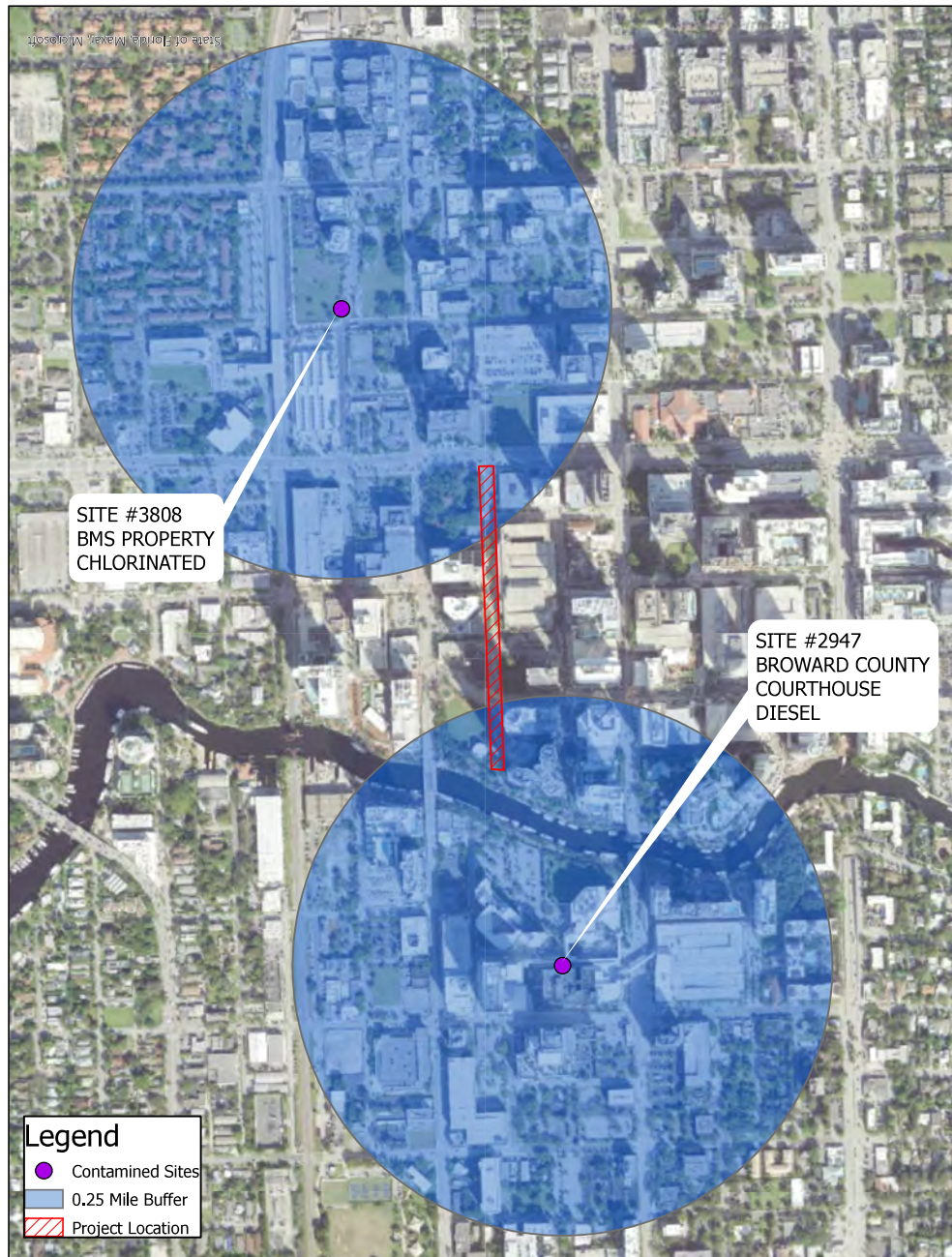
| NAME                    | COMPANY                              | STREET ADDRESS   | CITY            | STATE | ZIP   | DATE LETTER SENT | RESPONSE DATE |
|-------------------------|--------------------------------------|--|-----------------|-------|-------|------------------|---------------|
| Mark Caldwell           | Sprint                               | <a href="mailto:mark.d.caldwell@sprint.com">mark.d.caldwell@sprint.com</a> |                 |       |       | 6/30/2017        |               |
| Dino Farruggio          | AT&T Distribution                    | 1120 South Rogers Circle   | Boca Raton      | FL    | 33487 | 6/28/2017        |               |
| Brian Connelly          | Superior Asphalt Inc.                | <a href="mailto:rwallen@pcsfiber.com">rwallen@pcsfiber.com</a>             |                 |       |       | 6/30/2017        | 6/30/2017     |
| Yvonne Goldman          | Teco people Gas- South Florida       | 5101 NW 21st Ave, Suite 460  | Fort Lauderdale | FL    | 33309 | 6/28/2017        |               |
| Dean Boyers             | MCI                                  | <a href="mailto:investigations@verizon.com">investigations@verizon.com</a> |                 |       |       | 6/29/2017        | 6/29/2017     |
| Seyed Hajassadollah     | FPL - Transmission                   |  |                 |       |       | 6/28/2017        |               |
| Danny Haskett           | Fibernet Direct                      | 9250 W Flagler St  | Miami           | FL    | 33174 | 6/28/2017        | 8/2/2017      |
| Edgar Aguilar           | FPL                                  | 2455 Port West Blvd, PDC Bldg A  | Riviera Beach   | FL    | 33407 | 6/28/2017        |               |
| Maria Rosado (Eland)    | Florida Department of Transportation | <a href="mailto:mrosado@smartsunguide.com">mrosado@smartsunguide.com</a>   |                 |       |       | 6/28/2017        | 7/13/2017     |
| Jon Stahl               | City of Fort Lauderdale              | 949 NW 38th ST   | Fort Lauderdale | FL    | 33309 | 6/28/2017        |               |
| Leonard Maxwell-Newbold | Comcast Cable                        | 2601 SW 145 th Ave   | Miramar         | FL    | 33027 | 6/28/2017        | 7/18/2017     |
| Robert Blount           | Broward County Traffic Engineering   | 2300 W Commercial Blvd   | Fort Lauderdale | FL    | 33309 | 6/28/2017        | 7/6/2017      |
| Randy Oliver            | Crown Castle                         | 2000 Corporate Drive   | Cannonsburg     | PA    | 15317 | 6/28/2017        | 7/5/2017      |

Utility Log example: “30-inch Emergency Forcemain” Project – Fort Lauderdale



## Contaminated Sites

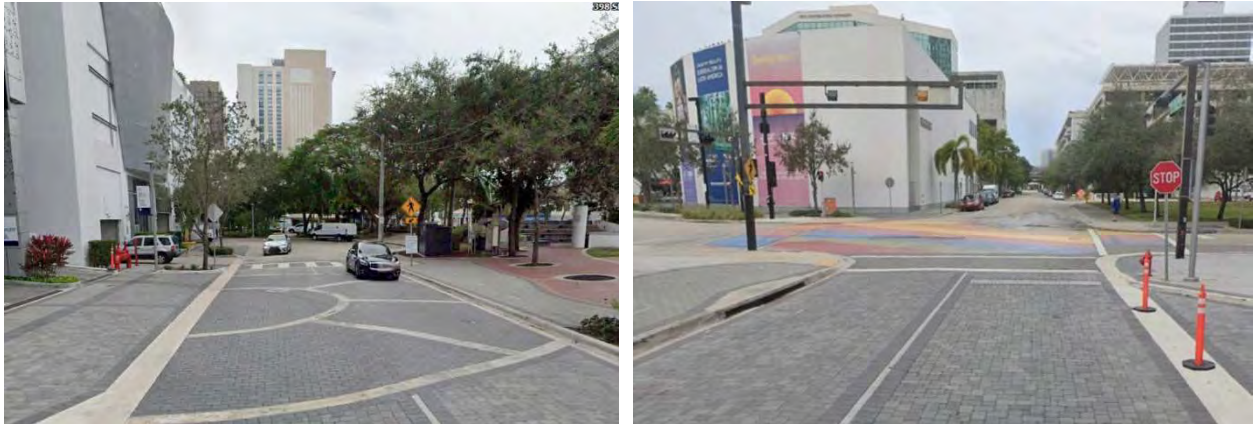
The 2021 Broward County contaminated sites database was explored to determine the potential contaminated influence zones within the project areas. A quarter mile buffer was added to the contaminated sites obtained from the database. There were 2 sites identified that are located within the quarter mile radius of the project limits, as displayed in the image below. Any additional environmental permits and areas of concerns will be reviewed during the design/build process. This information will become crucial when dealing with dewatering activities. Our team has successfully permitted dozens of projects that were in proximity to contaminated sites. We understand the process and have the relationships with BCPEGMD and SFWMD necessary to expedite water use and dewatering permits.





## Field Investigation

The DMSI/CMA team visited the project sites to become more familiar with the existing site conditions. A photo study of the project area was performed to document a general idea of the site conditions. This area is considered a high traffic commercial and residential area with several businesses and high-rise condominiums. The typical road cross-section observed has a curb and valley gutter and sidewalk on both sides, with sections that include on-road parking. Decorative pavers and pavement markings were observed towards the south end from the New River Canal to the intersection with East Las Olas Boulevard. Existing drainage structures were observed as well as gravity sewer manholes and other utility boxes. Additionally, pedestrian crossings with pavement markings and signs were also observed during this investigation. Several trees and other vegetation were also observed along the road, which will need to be considered during the design process.



Decorative pavers and pavement markings along SE 1st Ave

### b. Conceptual Design

The DMSI/CMA team has reviewed the conceptual layouts provided by the City in the RFP and has begun verifying the preliminary layouts. These layouts will serve as preliminary pipe layouts for the proposed water main system during the design phase.

Based on the information gathered during the existing site conditions phase, the DMSI/CMA team will coordinate with City staff to develop the layout of the proposed water mains. During this phase, the DMSI/CMA team will develop detailed plans, calculations, reports, assessments, and technical specifications. This phase includes the following activities:

1. Verify utility information (test holes/survey)
2. Field visits to verify site conditions
3. Begin with a design approach that identifies the core project technical issues
4. Develop a profile view of the proposed water mains to identify utility conflicts
5. Revisions of existing utilities based on verified utility information
6. Identify constructability challenges and break down the project design components to the root challenges
7. Focus on simplifying solutions and providing clean, constructability designs
8. Follow through to assure coordination and communication with all project stakeholders

The DMSI/CMA team has identified several critical components to the design. As described in the RFP, the proposed water mains will be installed using the open cut method.

The DMSI/CMA team proposes to offset the proposed watermain in order to avoid existing sanitary and drainage structures. Service connections along SE 1st Avenue are proposed to be replaced within the project limits. The DMSI/CMA team will perform a field verification of all existing water meters serviced by the existing water mains in order to accurately determine proposed water service connection sizes.

Additionally, the DMSI/CMA team will identify the existing fire hydrant buffer in accordance with local fire department requirements. The Team will identify if any additional fire hydrants will be required and if needed proposed additional fire hydrants along the water main.

There are several connections identified along SE 1st Avenue to existing water mains. The parallel connection to the existing 20" HDPE WM as seen below, can be made using MJ adapters and flange adapters as necessary. Connections to in-service water mains will have to be evaluated to determine the most cost-effective method of either shutting down the existing water mains and making the connection using the appropriate fittings or wet tapping the water mains. These connections will require proper coordination with the City's operational staff as well as the residents and local businesses.



It is important to note that the existing water mains proposed to be abandoned and/or grouted, will be abandoned after installation and certification of the proposed water mains to ensure that no building is left without water during the abandonment phase. The existing 16-inch water main is proposed to be abandoned and grouted. Whereas the existing 6-inch water main is proposed to be cut, capped and abandoned. The DMSI/CMA team will work closely with City staff to develop the appropriate construction sequence and phasing.

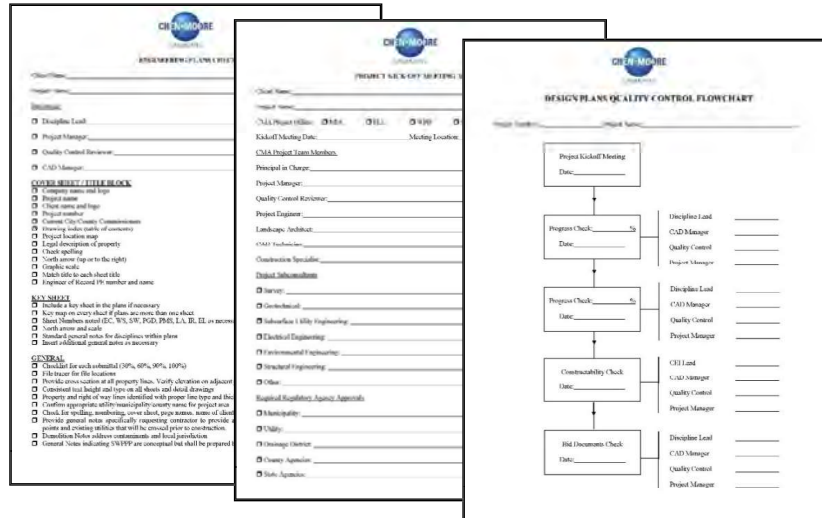
**Design Quality Control and Assurance (QA/QC)**

The actual quality control process is integrated into the cost and schedule control review. By completely integrating the process, not only are the plan reviewed for accuracy, but preliminary schedules are developed, cost estimates are created, conflicts are identified, and solutions are developed. The DMSI/CMA team has made QA/QC a priority and believes that it is the single “most important” element of a project. To ensure the completion of a successful project, it is imperative to develop and implement a QC plan to evaluate project performance and to ensure the project objectives are being met. The DMSI/CMA team has developed a QA/QC plan to ensure accuracy, completeness, legibility, application of design criteria, and best engineering practices during the design process. Our team makes use of a series of QA/QC checklists which consist of a thorough list of action items throughout the design process. This plan guides the production of all plans and specifications during the design process.





Our team strongly believes that by implementing a thorough QC process, we provide an extra layer of Risk Management during the project duration. These reviews also avoid uncertainties of unrealistic schedules, designs that are not constructible, overextended budgets, and unforeseen conflicts.



## Permitting

The DMSI/CMA team has reviewed the permit requirements for this project and has identified the permits that need to be obtained prior to commencing construction. Coordination with regulatory agencies is performed during the entire project duration. It is of the utmost importance that the regulatory agencies are approached and engaged from the beginning of the project in order to avoid any unnecessary permit delays. Pre-application meetings will be attended by the DMSI/CMA team prior to initiating the design.

The DMSI/CMA team has extensive experience coordinating with various permitting agencies that will be engaged under this contract. Our team has years of experience in dealing with the local agencies including utility providers, FDOT, SFWMD, EPGMD, BCTED and FDEP.



Project Methodology & Approach





Permits and/ or coordination for this project will be required for:

- Watermain improvements
- Dewatering activities during construction
- Pavement markings and signage
- Municipal/Building department permitting

The DMSI/CMA team will coordinate with the following regulatory agencies during the permitting process:

- City of Fort Lauderdale DSD and Building Department
- City of Fort Lauderdale Transportation & Mobility Department
- Florida Department of Transportation (FDOT)
- Florida Department of Environmental Protection (FDEP)
- Broward County Traffic Engineering Division (BCTED)
- Broward County Environmental Protection and Growth Management Department (BCEPGMD)
- South Florida Water Management Authority (SFWMD)

### **Construction Approach**

DMSI has built a reputation in South Florida for high quality work and exceptional performance. The objective of DMSI/CMA team is to design a project that is easily constructed and maintained, while considering the City's standards and specifications. The DMSI/CMA team will have a pre-construction meeting after completion of the design and permitting phase with both the City and the residents. Meeting agendas and supporting material will be presented during this pre-construction meeting to inform all stakeholders of the upcoming construction activities. Pre-construction conditions will be recorded of the project site through videos and photos. Subsequently, DMSI will establish a field office and staging area with the approval of the City's project manager. DMSI will provide and maintain sufficient resources to adequately maintain project process as scheduled. Project sequencing and phasing will be developed by DMSI and CMA in order to complete the project as efficiently as possible with limiting the impact on the surrounding residents and local businesses. Prior to starting construction, DMSI will examine the conditions of the existing water mains to be abandoned in order to mitigate for pipe damage. As previously mentioned, the existing water mains to be abandoned will stay operational until the proposed water main has been certified and all water services have been connected. This construction sequence will be considered in the project schedule and will be updated as necessary. All project schedule updates will be shared with both the public as well as the City.

Site safety is DMSI's number one priority and is firmly embedded in our culture. It is crucial to maintain a safe work environment for the personal and the local residents and pedestrians. Concrete barrier walls and channeling devices will be utilized to reroute the pedestrian traffic in work zones. Additionally, DMSI will ensure that construction materials and equipment are stored appropriately overnight and on weekends. DMSI will ensure that noise and dust control measures are taken into place during construction. Routine street sweeping and water trucks will be utilized to minimize the dust resulting from the construction activities.

### **Public Coordination**

This project is in the center of a highly residential area, therefore public coordination will be a crucial part to a successful project. THE DMSI/CMA team has an understanding that the most important component to a successful project is community involvement. The residents and business owners need to be informed of the goals of the project and be involved in the project from the very beginning. The DMSI/CMA team has a long history of having strong and successful community involvement, beginning with the planning process through the end of construction. DMSI will provide media relations, marketing, graphics services, organization of business interests, grassroots door-to-door consensus building, and serves as a spokesperson for their clients. For 40 years, they have established a proven record of developing and executing successful Public Involvement Programs and Community Awareness Plans. Ultimately, the Team's goal will be to maximize the community's understanding of this project. A key component of public involvement is a public information campaign that ensures the public is always well-informed of the work. By giving the public



information before it is requested, it minimizes the potential questions and complaints that may bog down the project team. The number one priority for any design-build project is to keep impacted stakeholders informed and engaged, especially if there are delays, complications, or emergencies. The Team will identify key stakeholders ranging from elected/appointed officials to targeted businesses/CRA's.

Public meetings held for the impacted homeowner's and business owners are good forums for the dissemination of information to large groups of the affected public. Meetings are also important as it provides the public with an opportunity to pose questions, give complaints and generally understand the progress of the project. Project meetings are recommended throughout the design and construction of the project.



One of the most critical components of public involvement is the acquiring, tracking and resolution of public complaints. The acquiring of the complaints needs to be thorough and courteous to ensure that the nature of the complaint is accurately portrayed and that the public is not additionally inflamed. The tracking of the complaints should include the complaint initiation, the results of the site and preconstruction research, the instructions to contractor and the actual resolution of the complaint. In addition, a record of all contact with the person initiating the complaint will be kept. Finally, the resolution of the complaint needs to include an official document notifying the originator of the complaint of the outcome. The Team understands that every step in the complaint resolution process needs to be accurately recorded for use in any possible future concerns.

The project location is adjacent to "Huizenga Plaza", a popular plaza where several of the City's local festivals take place. This can result in increased pedestrian and vehicular traffic during these periods. Upcoming events at this location will be monitored by staff and construction work will be coordinated around large events that will take place. If construction impacts are still expected during events, the DMSI/CMA team will reach out to the target stakeholders well in advance to share construction details and schedules. The team has identified several major events scheduled at Huizenga Plaza within the next couple of months. These events are listed below:

- September 4, 2022 – La Vie en Rose
- September 17, 2022 – Life Market
- October 15, 2022 – Vegan Block Party





## Maintenance of Traffic (MOT)

Understanding that the project is in a high entertainment area with high volumes of vehicle and pedestrian traffic is key to the development of the maintenance of traffic plan (MOT). The DMSI/CMA team has designed and implemented well-executed maintenance of traffic operations throughout Broward County. The DMSI/CMA team will develop a MOT plan which will display road closures and detour routes. All work affecting sidewalks and pedestrian crossings will be included in the MOT plan. The plan will include all temporary signage and temporary barricades and ramps. The DMSI/CMA team will ensure that access is maintained to all entrances for all commercial and residential properties within the project limits. Additionally, the team will ensure that the MOT plan always includes access and routes for all emergency vehicles.

The DMSI/CMA team evaluated the existing vehicle and pedestrian traffic within the project limits to determine effective ways to reroute traffic. During this evaluation, the Team noted that the building located on the south-end of the project has a garage entrance along SE 1st Avenue. Access to this garage building will be maintained throughout the duration of this project. Appropriate signage, barricades and flaggers will be located on-site to redirect traffic safely. When working on major intersections, such as Las Olas Boulevard and SE 2nd Street, traffic will be rerouted through Andrews Avenue and SW 3rd Avenue. A schematic of the preliminary MOT plan is displayed below.





## Dewatering Plan

Dewatering will be considered for the installation of the proposed water mains due to the high-water table observed in South Florida. As discussed previously, dewatering permits will be applied for this project in accordance with BCEPGM and SFWMD permit requirements. Several contaminated sites were identified within the 0.25-mile cone of influence. The sections of the project that fall within this cone of influence will require further investigation to determine whether remediation will be necessary. The DMSI/CMA team has developed successful dewatering plans and permitted these plans for multiple projects located within the South Florida area. A typical dewatering plan includes a dewatering pump, a dewatering hose, several well points if needed, a sedimentation tank, and a discharge location to the City's or State's stormwater system.

All dewatering effluent will be treated to meet regulatory requirements for turbidity and turbidity curtains will be placed on all outfalls. A dewatering plan will be developed depicting the dewatering locations and discharge locations. Turbidity monitoring and testing will be done twice a day per permit regulations and a turbidity log will be kept tracking the effluent of all dewatering activities.

A preliminary layout of the dewatering plan is shown in the next page, as well as an example of a turbidity log from a previous project below.

| Turbidity Tests Log  |           |             |  |   |  |  |  |   |  |
|--|-----------|-------------|--|---|--|--|--|---|--|
| BCWWS UAZ 113B<br>BCWWS Project Number: 9253<br>CMA Project Number 021.017 |           |             |  |   |  |  |  |   |  |
| Outfall Location   | Date      | Time 1 (AM) | NTU Reading<br>(Inside Turbidity<br>Curtain) | NTU Reading<br>(Outside Turbidity<br>Curtain) | NTU Reading<br>(Outside Turbidity<br>Curtain #2) | Time 2 (PM)  | NTU Reading<br>(Inside Turbidity<br>Curtain) | NTU Reading<br>(Outside Turbidity<br>Curtain) | NTU Reading<br>(Outside Turbidity<br>Curtain #2) |
| Pump 1   | 4/4/2019  |             |  |   |  | 4:59 PM  | 4 NTU  | 3 NTU   |  |
| Pump 2   | 4/4/2019  |             |  |   |  | 5:14 PM  | 4 NTU  | 5 NTU   |  |
| Pump 1   | 4/5/2019  | 8:29 AM     | 3 NTU  | 4 NTU   |  | 2:44 PM  | 2 NTU  | 1 NTU   |  |
| Pump 2   | 4/5/2019  | 9:15 AM     | 3 NTU  | 2 NTU   |  | 2:55 PM  | 1 NTU  | 3 NTU   |  |
| Pump 1   | 4/8/2019  | 9:15 AM     | 2 NTU  | 1 NTU   |  | 4:10 PM  | 1 NTU  | 3 NTU   |  |
| Pump 2   | 4/8/2019  | 9:33 AM     | 2 NTU  | 2 NTU   |  | 4:27 PM  | 2 NTU  | 2 NTU   |  |
| Pump 1   | 4/9/2019  | 8:43 AM     | 1 NTU  | 2 NTU   |  | 2:10 PM  | 2 NTU  | 4 NTU   |  |
| Pump 2   | 4/9/2019  | 8:50 AM     | 2 NTU  | 2 NTU   |  | 2:14 PM  | 4 NTU  | 2 NTU   |  |
| Pump 1   | 4/10/2019 | 9:07 AM     | 2 NTU  | 2 NTU   |  | 4:35 PM  | 2 NTU  | 3 NTU   |  |
| Pump 2   | 4/10/2019 | 9:18 AM     | 2 NTU  | 3 NTU   |  | 4:47 PM  | 2 NTU  | 3 NTU   |  |
| Pump 1   | 4/11/2019 | 8:40 AM     | 1 NTU  | 2 NTU   |  | 5:50 PM  | 2 NTU  | 2 NTU   |  |
| Pump 2   | 4/11/2019 | 8:59 AM     | 2 NTU  | 0 NTU   |  | 6:05 PM  | 2 NTU  | 3 NTU   |  |
| Pump 1   | 4/12/2019 | 9:01 AM     | 2 NTU  | 1 NTU   |  | 3:29 PM  | 2 NTU  | 2 NTU   |  |
| Pump 2   | 4/12/2019 | 9:14 AM     | 2 NTU  | 2 NTU   |  | 3:38 PM  | 2 NTU  | 2 NTU   |  |
| Pump 1   | 4/15/2019 | 8:20 AM     | 1 NTU  | 1 NTU   |  | 4:28 PM  | 2 NTU  | 2 NTU   |  |
| Pump 2   | 4/15/2019 | 8:32 AM     | 1 NTU  | 2 NTU   |  | 4:36 PM  | 2 NTU  | 2 NTU   |  |
| Pump 1   | 4/16/2019 | 8:55 AM     | 1 NTU  | 2 NTU   |  | 4:13 PM  | 2 NTU  | 2 NTU   |  |
| Pump 2   | 4/16/2019 | 9:05 AM     | 2 NTU  | 2 NTU   |  | 4:27 PM  | 2 NTU  | 2 NTU   |  |
| Pump 1   | 4/17/2019 | 8:25 AM     | 1 NTU  | 1 NTU   |  | 5:00 PM  | 1 NTU  | 2 NTU   |  |
| Pump 2   | 4/17/2019 | 8:33 AM     | 2 NTU  | 2 NTU   |  | 5:12 PM  | 1 NTU  | 2 NTU   |  |
| Pump 1   | 4/18/2019 | 8:33 AM     | 1 NTU  | 2 NTU   |  | 8:45 PM  | 2 NTU  | 3 NTU   |  |
| Pump 2   | 4/18/2019 | 8:42 AM     | 2 NTU  | 3 NTU   |  | PUMPS WERE SHUTDOWN IN THE AFTERNOON AND WILL BE LEFT THIS WAY THROUGHOUT THE WEEKEND. |  |   |  |
| Pump 1   | 4/22/2019 | 10:33 AM    | 5 NTU  | 1 NTU   |  | 4:33 PM  | 2 NTU  | 1 NTU   |  |



Turbidity Log example: UAZ 113B Project – Broward County Water and Wastewater Services





## Restoration

The scope of work for this design/build project includes restoration as necessary and milling and resurfacing of both northbound and southbound travel lanes along SE 1st Avenue. Once installation has been completed, stabilization of subgrade material and compaction of base material will have to be completed per the City's and/or County's specifications and requirements. Surface milling and asphalt placement will follow, to restore the roadway to pre-construction conditions. Restoration efforts will also include restoration of decorative pavers and decorative pavement marking observed within the project limits. Sidewalks and curbs will also need to be restored, as necessary. The DMSI/CMA team will indicate all restoration details and limits in the project plans and specifications, to minimize any additional restoration costs and schedule delays.



Vegetation and pavement markings within project limits

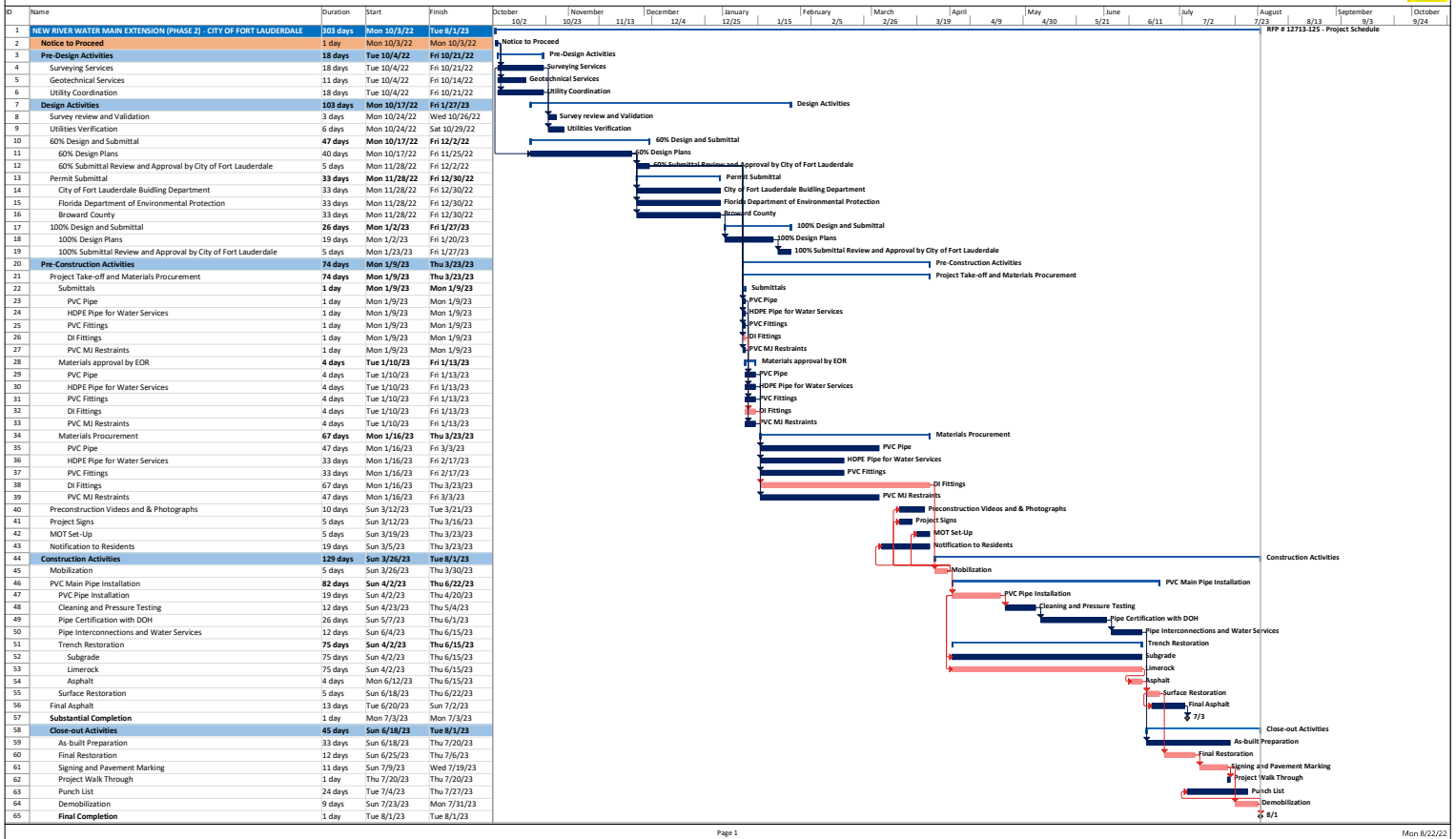
## Project Schedule

The DMSI/CMA team will develop a proposed schedule that will limit the duration of construction that impacts the Downtown area by utilizing the critical path method. The DMSI/CMA team is familiar with working within the Downtown Fort Lauderdale area and has a broad knowledge of communication and coordinating with both the City and the local residents and businesses. This will enhance the workflow as well as, result in a timely completion of the project. The purpose of the project schedule is to establish durations of several project stages to ensure a timely completion of the project which benefits the City and the residents and local businesses. The project schedule will be updated during the project duration and shared with City staff. The project schedule will include stages in design as well as construction phases.

The design phase will consist of four key stages that include a deliverable: survey and data collection, 60% plans, 90% plans and permitting, and a 100% design. The preliminary project schedule is displayed on the next page.



**NEW RIVER WATER MAIN EXTENSION  
City of Fort Lauderdale**





## 6. References



New River Water Watermain Extension - Phase 2, RFP# 12713-125





## 6. REFERENCES

| CLIENT INFORMATION  | DESCRIPTION OF WORK  | DATES OF CONST.        | TOTAL COST          |
|---|--|------------------------|---------------------|
| <p>Miami-Dade County WASD<br/>Alexis Valdes<br/>3501 NW 46th St, Miami, FL 33142<br/>Mobile: (786) 299-9008<br/>alexis.valdes@miamidade.gov</p>               | <p><b>CONSTRUCTION OF 48-INCH PCCP WATER TRANSMISSION MAIN FOR AREA NORTH</b></p> <p><b>Project Scope:</b> Installation of 15,000 LF of 48” PCCP Water Main Transmission Line long SW 117TH Avenue from SW 72ND Street to SW 104TH Street.<br/>(Pipe Diameter: 48-inch; Pipe Material: PCCP; Pipe Use: Water Main; Footage: 15,300)</p> <p><b>Project Value Engineering, Cost Savings, Innovative Solutions, Project Time Enhancement: New Transmission WM</b></p> <p><b>Estimated Cost: \$8,966,866</b></p> | <p>2017 -<br/>2021</p> | <p>\$10,070,612</p> |
| <p>Miami-Dade County WASD<br/>James Ferguson, P.E.<br/>3575 South LeJeune Rd, Miami, FL 33146<br/>Mobile: (786) 552-8756<br/>james.ferguson@miamidade.gov</p> | <p><b>DESIGN-BUILD 48-INCH PCCP FORCE MAIN ALONG NORTH MIAMI AVENUE</b></p> <p>Design Build through Urban Corridor(s) and utility infested Midtown Miami, Miami Design District, and Wynwood.<br/>(Pipe Diameter: 48-inch; Pipe Material: PCCP; Pipe Use: Force Main; Footage: 13,000)</p> <p><b>Project Value Engineering, Cost Savings, Innovative Solutions, Project Time Enhancement: New Transmission FM</b></p> <p><b>Estimated Cost: \$22,012,999</b></p>   | <p>2016 -<br/>2019</p> | <p>\$22,475,176</p> |

References





| CLIENT INFORMATION   | DESCRIPTION OF WORK  | DATES OF CONST.    | TOTAL COST          |
|--|--|--------------------|---------------------|
| <p>Miami-Dade County WASD<br/> Gary Clarke<br/> 3575 S LeJeune Road<br/> Miami, FL 33146<br/> Mobile: (305) 205-6980<br/> gary.clarke@miamidade.gov</p>          | <p><b>CONSTRUCTION OF 42-INCH WATER MAIN &amp; 10" FORCE MAIN FROM BISCAYNE BLVD TO THE PORT OF MIAMI AND CONSTRUCTION OF SANITARY PUMP STATION 9141</b></p> <p>Construction of 42-Inch Water Main &amp; 10" Force Main from Biscayne Blvd to the Port of Miami and Construction of Sanitary Pump Station 9141.</p> <ul style="list-style-type: none"> <li>• Pipe Diameter/Material/Use/Footage: 42-inch, DIP, Water Main, 9,740</li> <li>• Pipe Diameter/Material/Use/Footage: 30-inch, HDPE, Water Main, 4,000</li> <li>• Pipe Diameter/Material/Use/Footage: 10-inch, PVC-C900, Force Main, 5,000</li> <li>• Pipe Diameter/Material/Use/Footage: 12-inch, HDPE, Force Main, 4,000</li> </ul> <p><b>Project Value Engineering, Cost Savings, Innovative Solutions, Project Time Enhancement: New WM, FM &amp; Lift Station.</b></p> <p><b>Estimated Cost: \$20,884,160</b></p> | <p>2018 - 2019</p> | <p>\$18,598.975</p> |
| <p>City of Fort Lauderdale<br/> Scott Teschky<br/> 100 N Andrews Ave, Fort Lauderdale, FL 33301<br/> Mobile: (954) 955-5552<br/> steschky@fortlauderdale.gov</p> | <p><b>CORAL SHORES SMALL WATER MAINS IMPROVEMENTS</b></p> <p>Design, Permitting and Installation of 8-Inch HDPE water main, 81 water services and the restoration associated.<br/> (Pipe Diameter: 8-inch; Pipe Material: HDPE; Pipe Use: Water Main; Footage: 5,500)</p> <p><b>Project Value Engineering, Cost Savings, Innovative Solutions, Project Time Enhancement: Water Main Replacement</b></p> <p><b>Estimated Cost: \$1,401,000</b></p>  | <p>2021 - 2022</p> | <p>\$1,373,409</p>  |

References



# 7. Price Proposal Form



New River Water Watermain Extension - Phase 2, RFP# 12713-125





PRICE PROPOSAL FORM  
RFP #  
DESIGN-BUILD SERVICES FOR

P10814 New River Water Watermain Extension- Phase 2

**DESIGN**

|                                     |                      |
|-------------------------------------|----------------------|
| 1. Design Development & Permitting  | \$ 180,000.00        |
| 2. Subsurface Utility Investigation | \$ 60,000.00         |
| 3. Construction Administration      | \$ 240,000.00        |
| <b>SUB-TOTAL DESIGN COSTS</b>       | <b>\$ 480,000.00</b> |

**CONSTRUCTION**

**GENERAL**

|                                |               |
|--------------------------------|---------------|
| 4. Mobilization/Demobilization | \$ 200,000.00 |
| 5. Maintenance of Traffic      | \$ 70,000.00  |
| 6. Restoration                 | \$ 600,000.00 |

**Watermain**

|   |                        |
|---|------------------------|
| 7. 10-Inch PVC Watermain – Installation | \$ 500,000.00          |
| 8. 16-Inch PVC Watermain – Installation | \$ 888,000.00          |
| <b>SUBTOTAL CONSTRUCTION COSTS</b>      | <b>\$ 2,258,000.00</b> |

**ALLOWANCES**


|                      |           |
|----------------------|-----------|
| 9. Owner Contingency | \$ 50,000 |
|----------------------|-----------|

TWO MILLION SEVEN HUNDRED EIGHTY-EIGHT THOUSAND DOLLARS WITH ZERO CENTS  
(IN WORDS)

\$ 2,788,000.00  
\_\_\_\_\_  
(FIGURES)



1. The prices listed in the Price Proposal Form shall include the total cost to complete the Work including but not limited to materials, labor, equipment, profit, bonds, insurances, etc., as necessary to ensure proper execution of the design-build services and product requested by the City of Fort Lauderdale. Any pricing, quantities, costs or services that are not listed above, and are known to be required, must be added by the Proposer and listed on a separate sheet and included in the total.
2. I hereby certify that I am authorized to act on behalf of the firm, individual, partnership, corporation or association making this proposal and that all statements made in this document are true and correct to the best of my knowledge. I agree to hold this proposal open for a period of one hundred and eighty (180) days from the deadline for receipt of proposals.
3. I understand and agree to be bound by the conditions contained in the Request for Proposal and shall conform with all requirements of the Request for Proposal.

|  |                |           |
|--|----------------|-----------|
| David Mancini and Sons, Inc  | Fabio Angarita |           |
| Name:  | (Please Print) |           |
|  | Vice President | 8/22/2022 |
| Proposer Signature   | Title:         | Date:     |



# 8. Contract Forms



New River Water Watermain Extension - Phase 2, RFP# 12713-125





**Supplier Response Form**

**CONSTRUCTION BID CERTIFICATION**

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

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

Company: (Legal Registration) David Mancini & Sons, Inc.

Address: 2601 Wiles Road

City: Pompano Beach \* State: FL \* Zip: 33073

Telephone No.: 954-977-3556 \* FAX No.: 954-944-2040 \* Email: bids@dmsi.co

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

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

|                            |                         |                           |                                   |
|----------------------------|-------------------------|---------------------------|-----------------------------------|
| David Mancini<br>*<br>Name | President<br>*<br>Title | David Mancini Jr.<br>Name | Vice-President/Secretary<br>Title |
| Richard Mancini<br>Name    | Vice-President<br>Title | Fabio Angarita<br>Name    | Vice President<br>Title           |

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

| <u>Addendum No.</u> | <u>Date Issued</u> | <u>Addendum No.</u> | <u>Date Issued</u> | <u>Addendum No.</u> | <u>Date Issued</u> |
|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|
| 1                   | 08/18/2022         | 3                   | 08/23/2022         |                     |                    |
| 2                   | 08/22/2022         |                     |                    |                     |                    |

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

None

The below signatory affirms that he has or will obtain all required permits and licenses from the appropriate agencies, and that his firm is authorized to do business in the State of Florida. The below signatory agrees to furnish all labor, tools, material, equipment and supplies, and to sustain all the expense incurred in doing the work set forth in strict accordance with the bid plans and contract documents at the unit prices indicated if awarded a contract. The below signatory has not divulged to, discussed, or compared this bid with other bidders, and has not colluded with any other bidder or parties to this bid whatsoever. Furthermore, the undersigned guarantees the truth and accuracy of all statements and answers contained in this bid. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a bid, that in no event shall the City's liability for bidder's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

**Submitted by:**

Fabio Angarita  
Name (printed)

8/22/2022  
Date

Fabio Angarita  
Signature

Vice President  
Title



Revised 4/28/2020

---

Please enter your password below and click Save to update your response.

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

**To take exception:**

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

---

By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.

---

Username  **bids@dmsl.co**

Password \*

[Save](#) [Take Exception](#) [Close](#)

\* Required fields

# Supplier Response Form

## BID/PROPOSAL CERTIFICATION

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

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

Company: (Legal Registration) David Mancini & Sons, Inc. \* EIN (Optional): 27-3716806

Address: 2601 Wiles Road \*

City: Pompano Beach \* State: FL \* Zip: 33073 \*

Telephone No.: 954-977-3556 \* FAX No.: 954-944-2040 \* Email: Bids@dmsi.co \*\*

Delivery: Calendar days after receipt of Purchase Order (section 1.02 of General Conditions): PER CONTRACT

Total Bid Discount (section 1.05 of General Conditions): N/A

Check box if your firm qualifies for MBE / SBE / WBE (section 1.09 of General Conditions):

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

| <u>Addendum No.</u> | <u>Date Issued</u> | <u>Addendum No.</u> | <u>Date Issued</u> | <u>Addendum No.</u> | <u>Date Issued</u> |
|---------------------|--------------------|---------------------|--------------------|---------------------|--------------------|
| 1                   | 08/18/2022         | 3                   | 08/23/2022         |                     |                    |
| *                   | *                  |                     |                    |                     |                    |
| 2                   | 08/22/2022         |                     |                    |                     |                    |

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

None

\*

The below signatory hereby agrees to furnish the following article(s) or services at the price(s) and terms stated subject to all instructions, conditions, specifications addenda, legal advertisement, and conditions contained in the bid/proposal.

I have read all attachments including the specifications and fully understand what is required. By submitting this signed proposal, I will accept a contract if approved by the City and such acceptance covers all terms, conditions, and specifications of this bid/proposal. The below signatory also hereby agrees, by virtue of submitting or attempting to submit a response, that in no event shall the City's liability for respondent's direct, indirect, incidental, consequential, special or exemplary damages, expenses, or lost profits arising out of this competitive solicitation process, including but not limited to public advertisement, bid conferences, site visits, evaluations, oral presentations, or award proceedings exceed the amount of Five Hundred Dollars (\$500.00). This limitation shall not apply to claims arising under any provision of indemnification or the City's protest ordinance contained in this competitive solicitation.

Submitted by:



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

Submitted by:

Fabio Angarita  
Name (printed)

Fabio Angarita  
Signature

8/22/2022  
Date

Vice President  
Title

Revised 4/28/2020

---

**Please enter your password below and click Save to update your response.**

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

**To take exception:**

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

---

**By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.**

---

Username **bids@dmsi.co**

Password \*

[Save](#) [Take Exception](#) [Close](#)

\*.Required fields

**Supplier Response Form**

**NON-COLLUSION STATEMENT:**

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

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

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

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

3.3. City employees may not contract with the City through any corporation or business entity in which they or their immediate family members hold a controlling financial interest (e.g. ownership of five (5) percent or more).

3.4. Immediate family members (spouse, parents and children) are also prohibited from contracting with the City subject to the same general rules.

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

| <u>NAME</u> | <u>RELATIONSHIPS</u> |
|-------------|----------------------|
| N/A         | N/A                  |

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

Fabio Angarita  
Authorized Signature

Vice President  
Title

Fabio Angarita  
Name (Printed)

8/22/2022  
Date



---

**Please enter your password below and click Save to update your response.**

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

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---

By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.

---

Username **bids@dmsi.co**

Password \*

[Save](#) [Take Exception](#) [Close](#)

\* Required fields

**Supplier Response Form**  
**CONTRACT PAYMENT METHOD**

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

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

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

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

By signing below you agree with these terms.

Please indicate which credit card payment you prefer:

MasterCard

Visa

David Mancini & Sons Inc  
Company Name

\*

David Mancini  
\*  
Name (Printed)

Fabio Angarita  
\*  
Signature

8/22//2022                   \*  
Date

Vice President  
\*  
Title

---

**Please enter your password below and click Save to update your response.**

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

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- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

---

**By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.**

---

Username  **bids@dmsi.co**

Password \*

[Save](#) [Take Exception](#) [Close](#)

\* Required fields



## Supplier Response Form

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

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

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

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

1. The Contractor certifies and represents that he/she/it will comply with Section 2-187, Code of Ordinances of the City of Fort Lauderdale, Florida, as amended by Ordinance C-18-33 (collectively, "Section 2-187").
2. The failure of the Contractor to comply with Section 2-187 shall be deemed to be a material breach of this Agreement, entitling the City to pursue any remedy stated below or any remedy provided under applicable law.
3. The City may terminate this Agreement if the Contractor fails to comply with Section 2-187.
4. The City may retain all monies due or to become due until the Contractor complies with Section 2-187.
5. The Contractor may be subject to debarment or suspension proceedings. Such proceedings will be consistent with the procedures in section 2-183 of the Code of Ordinances of the City of Fort Lauderdale, Florida.

Fabio Angarita  
Authorized Signature

\*

Fabio Angarita, Vice President  
Print Name and Title

\*

8/22/2022 \*  
Date

---

**Please enter your password below and click Save to update your response.**

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

**To take exception:**

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSyno's system.

---

By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.

---

Username **bids@dmsi.co**

Password \*

[Save](#) [Take Exception](#) [Close](#)

\* Required fields

**Supplier Response Form**  
**TRENCH SAFETY**

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

| Trench Safety Measure (Description) | Units of Measure (LF/SF) | Unit (Quantity) | Unit Cost  | Extended Cost |
|-------------------------------------|--------------------------|-----------------|------------|---------------|
| A. Trench Boxes<br>*                | LS *                     | 1 *             | \$ 5,000 * | \$ 5,000 *    |
| B.                                  |                          |                 | \$         | \$            |
| C.                                  |                          |                 | \$         | \$            |
| D.                                  |                          |                 | \$         | \$            |

Total: \$ 5,000 \*

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

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

DATE: 08/22/2022

Fabio Angarita  
(SIGNATURE)

STATE OF: Florida

COUNTY OF: Broward

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

~~Fabio Angarita~~

(Name of Individual Signing)

Fabio Angarita

who, after first being duly sworn by me,

Fabio Angarita

affixed his/her signature in the space provided above on this

22nd day of August

, 20 22

Jacqueline Bermudez

NOTARY PUBLIC

My Commission Expires: May 21, 2025



---

**Please enter your password below and click Save to update your response.**

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

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- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

---

**By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.**

---

Username  **bids@dmsi.co**

Password \*

[Save](#) [Take Exception](#) [Close](#)

\* Required fields

**Supplier Response Form**  
**E-VERIFY AFFIRMATION STATEMENT**

RFP/Bid /Contract No: RFP # 12713-125, New River Watermain Extension

The City of Fort Lauderdale  
has identified in the  
Project Description: Comprehensive Utility

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

- (a) all persons employed by Contractor/Proposer/Bidder to perform employment duties within Florida during the term of the Contract, and,
- (b) all persons (including subcontractors/vendors) assigned by Contractor/Proposer/Bidder to perform work pursuant to the Contract.

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

Contractor/Proposer/ Bidder Company Name: David Mancini & Sons, Inc.

Authorized Company Person's Signature: Fabio Angarita

Authorized Company Person's Title: Vice President

Date: 8/22/2022

9/15/2020

---

**Please enter your password below and click Save to update your response.**

Please be aware that typing in your password acts as your electronic signature, which is just as legal and binding as an original signature. (See [Electronic Signatures in Global and National Commerce Act](#) for more information.)

**To take exception:**

- 1) Click Take Exception.
- 2) Create a Word document detailing your exceptions.
- 3) Upload exceptions as an attachment to your offer on BidSync's system.

---

By completing this form, your bid has not yet been submitted. Please click on the place offer button to finish filling out your bid.

---

Username  **bids@dmsi.co**

Password \*

[Save](#) [Take Exception](#) [Close](#)

\* Required fields





City of Fort Lauderdale • Procurement Services Division  
100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301  
954-828-5933 Fax 954-828-5576  
[purchase@fortlauderdale.gov](mailto:purchase@fortlauderdale.gov)

**RFP NO. 12713-125**  
**Design Build New River Water Watermain Extension- Phase 2**

---

**ADDENDUM NO. 1**

ISSUED: August 18, 2022

---

This Addendum is being issued to provide the following information. It is hereby made a part of the Plans and Specifications and shall be included with all contract documents.

Acknowledge receipt of this Addendum by inserting its number and date on the CITB Construction Bid Certification Page.

**A) New Insurance Requirements Section 2.9 will be replaced for:**

As a condition precedent to the effectiveness of this Agreement, during the term of this Agreement and during any renewal or extension term of this Agreement, the Contractor, at its sole expense, shall provide insurance of such types and with such terms and limits as noted below. Providing proof of and maintaining adequate insurance coverage are material obligations of the Contractor. The Contractor shall provide the City a certificate of insurance evidencing such coverage. The Contractor's insurance coverage shall be primary insurance for all applicable policies. The limits of coverage under each policy maintained by the Contractor shall not be interpreted as limiting the Contractor's liability and obligations under this Agreement. All insurance policies shall be through insurers authorized or eligible to write policies in the State of Florida and possess an A.M. Best rating of A-, VII or better, subject to approval by the City's Risk Manager.

The coverages, limits, and/or endorsements required herein protect the interests of the City, and these coverages, limits, and/or endorsements shall in no way be relied upon by the Contractor for assessing the extent or determining appropriate types and limits of coverage to protect the Contractor against any loss exposures, whether as a result of this Agreement or otherwise. The requirements contained herein, as well as the City's review or acknowledgement, are not intended to and shall not in any manner limit or qualify the liabilities and obligations assumed by the Contractor under this Agreement.

## ADDENDUM #1

The following insurance policies and coverages are required:

### Commercial General Liability

Coverage must be afforded under a Commercial General Liability policy with limits not less than:

- \$2,000,000 each occurrence and \$2,000,000 aggregate for Bodily Injury, Property Damage, and Personal and Advertising Injury
- \$2,000,000 each occurrence and \$2,000,000 aggregate for Products and Completed Operations

Policy must include coverage for contractual liability and independent contractors.

The City, a Florida municipal corporation, its officials, employees, and volunteers are to be covered as an additional insured with a CG 20 26 04 13 Additional Insured – Designated Person or Organization Endorsement or similar endorsement providing equal or broader Additional Insured Coverage with respect to liability arising out of activities performed by or on behalf of the Contractor. The coverage shall contain no special limitation on the scope of protection afforded to the City, its officials, employees, and volunteers.

### Professional Liability

Coverage must be afforded for Wrongful Acts in an amount not less than \$1,000,000 each claim and \$2,000,000 aggregate.

Contractor must keep the professional liability insurance in force until the third anniversary of expiration or early termination of this Agreement or the third anniversary of acceptance of work by the City, whichever is longer, which obligation shall survive expiration or early termination of this Agreement.

### Business Automobile Liability

Coverage must be afforded for all Owned, Hired, Scheduled, and Non-Owned vehicles for Bodily Injury and Property Damage in an amount not less than \$1,000,000 combined single limit each accident.

If the Contractor does not own vehicles, the Contractor shall maintain coverage for Hired and Non-Owned Auto Liability, which may be satisfied by way of endorsement to the Commercial General Liability policy or separate Business Auto Liability policy.

### Crane and Rigging Liability

Coverage must be afforded for any crane operations under the Commercial General or Business Automobile Liability policy as necessary, in line with the limits of the associated policy.

### Pollution and Remediation Legal Liability (Hazardous Materials)

For the purpose of this section, the term "hazardous materials" includes all materials and substances that are designated or defined as hazardous by Florida or federal law or by the rules or regulations of Florida or any federal agency. If work being performed involves hazardous materials, the Contractor shall procure and maintain any or all of the following coverage, which will be specifically addressed upon review of exposure.

## ADDENDUM #1

### Contractors Pollution Liability Coverage

For sudden and gradual occurrences and in an amount not less than \$1,000,000 per claim arising out of this Agreement, including but not limited to, all hazardous materials identified under the Agreement.

### Workers' Compensation and Employer's Liability

Coverage must be afforded per Chapter 440, Florida Statutes. Any person or entity performing work for or on behalf of the City must provide Workers' Compensation insurance. Exceptions and exemptions will be allowed by the City's Risk Manager, if they are in accordance with Florida Statute.

The Contractor waives, and the Contractor shall ensure that the Contractor's insurance carrier waives, all subrogation rights against the City, its officials, employees, and volunteers for all losses or damages. The City requires the policy to be endorsed with WC 00 03 13 Waiver of our Right to Recover from Others or equivalent.

The Contractor must be in compliance with all applicable State and federal workers' compensation laws, including the U.S. Longshore Harbor Workers' Act and the Jones Act, if applicable.

### Insurance Certificate Requirements

- a. The Contractor shall provide the City with valid Certificates of Insurance (binders are unacceptable) no later than ten (10) days prior to the start of work contemplated in this Agreement.
- b. The Contractor shall provide to the City a Certificate of Insurance having a thirty (30) day notice of cancellation; ten (10) days' notice if cancellation is for nonpayment of premium.
- c. In the event that the insurer is unable to accommodate the cancellation notice requirement, it shall be the responsibility of the Contractor to provide the proper notice. Such notification will be in writing by registered mail, return receipt requested, and addressed to the certificate holder.
- d. In the event the Agreement term or any surviving obligation of the Contractor following expiration or early termination of the Agreement goes beyond the expiration date of the insurance policy, the Contractor shall provide the City with an updated Certificate of Insurance no later than ten (10) days prior to the expiration of the insurance currently in effect. The City reserves the right to suspend the Agreement until this requirement is met.
- e. The Certificate of Insurance shall indicate whether coverage is provided under a claims-made or occurrence form. If any coverage is provided on a claims-made form, the Certificate of Insurance must show a retroactive date, which shall be the effective date of the initial contract or prior.
- f. The City shall be named as an Additional Insured on all liability policies, with the exception of Workers' Compensation.
- g. The City shall be granted a Waiver of Subrogation on the Contractor's Workers' Compensation insurance policy.
- h. The title of the Agreement, Bid/Contract number, event dates, or other identifying reference must be listed on the Certificate of Insurance.

### The Certificate Holder should read as follows:

City of Fort Lauderdale

100 N. Andrews Avenue

Fort Lauderdale, FL 33301



## ADDENDUM #1

The Contractor has the sole responsibility for all insurance premiums and shall be fully and solely responsible for any costs or expenses as a result of a coverage deductible, co-insurance penalty, or self-insured retention; including any loss not covered because of the operation of such deductible, co-insurance penalty, self-insured retention, or coverage exclusion or limitation. Any costs for adding the City as an Additional Insured shall be at the Contractor's expense.

If the Contractor's primary insurance policy/policies do not meet the minimum requirements, as set forth in this Agreement, the Contractor may provide evidence of an Umbrella/Excess insurance policy to comply with this requirement.

The Contractor's insurance coverage shall be primary insurance as respects to the City, a Florida municipal corporation, its officials, employees, and volunteers. Any insurance or self-insurance maintained by the City, a Florida municipal corporation, its officials, employees, or volunteers shall be non-contributory.

Any exclusion or provision in any insurance policy maintained by the Contractor that excludes coverage required in this Agreement shall be deemed unacceptable and shall be considered breach of contract.

All required insurance policies must be maintained until the contract work has been accepted by the City, or until this Agreement is terminated, whichever is later. Any lapse in coverage shall be considered breach of contract. In addition, Contractor must provide to the City confirmation of coverage renewal via an updated certificate should any policies expire prior to the expiration of this Agreement. The City reserves the right to review, at any time, coverage forms and limits of Contractor's insurance policies.

The Contractor shall provide notice of any and all claims, accidents, and any other occurrences associated with this Agreement to the Contractor's insurance company or companies and the City's Risk Management office, as soon as practical.

It is the Contractor's responsibility to ensure that any and all of the Contractor's independent contractors and subcontractors comply with these insurance requirements. All coverages for independent contractors and subcontractors shall be subject to all of the applicable requirements stated herein. Any and all deficiencies are the responsibility of the Contractor.

All other terms, conditions, and specifications remain unchanged.

**Fausto Vargas**

Senior Procurement Specialist

Company Name: David Mancini and Sons, Inc.

(please print)

Bidder's Signature: 

Date: 08/22/2022



City of Fort Lauderdale • Procurement Services Division  
100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301  
954-828-5933 Fax 954-828-5576  
[purchase@fortlauderdale.gov](mailto:purchase@fortlauderdale.gov)

**RFP NO. 12713-125**  
**Design Build New River Water Watermain Extension- Phase 2**

---

**ADDENDUM NO. 2**

ISSUED: August 22, 2022

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This Addendum is being issued to provide the following information. It is hereby made a part of the Plans and Specifications and shall be included with all contract documents.

Acknowledge receipt of this Addendum by inserting its number and date on the CITB Construction Bid Certification Page.

**a) Opening Bid, Questions and Answers will be extended:**

**New Dates:**

**Questions and Answers: August 26, 2022**

**Opening Bid: August 31, 2022**

All other terms, conditions, and specifications remain unchanged.

**Fausto Vargas**

Senior Procurement Specialist

Company Name: David Mancini and Sons, Inc.  
(please print)

Bidder's Signature: 

Date: 08/22/2022



City of Fort Lauderdale • Procurement Services Division  
100 N. Andrews Avenue, 619 • Fort Lauderdale, Florida 33301  
954-828-5933 Fax 954-828-5576  
[purchase@fortlauderdale.gov](mailto:purchase@fortlauderdale.gov)

**RFP NO. 12713-125**  
**Design Build New River Water Watermain Extension- Phase 2**

---

**ADDENDUM NO. 3**

ISSUED: August 23, 2022

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This Addendum is being issued to provide the following information. It is hereby made a part of the Plans and Specifications and shall be included with all contract documents.

Acknowledge receipt of this Addendum by inserting its number and date on the CITB Construction Bid Certification Page.

**a) New Document added – Sample Agreement:**

All other terms, conditions, and specifications remain unchanged.

**Fausto Vargas**

Senior Procurement Specialist

Company Name: David Mancini and Sons, Inc.  
(please print)

Bidder's Signature: 

Date: 08/23/2022





# ATA Document A310™ – 2010

## Bid Bond

### CONTRACTOR:

*(Name, legal status and address)*

DAVID MANCINI & SONS, INC.  
2601 Wiles Rd  
Pompano Beach, FL 33073

### SURETY:

*(Name, legal status and principal place of business)*

Travelers Casualty And Surety Company Of America  
1441 W. Long Lake Road  
Suite 300  
Troy, MI 48098

This document has important legal consequences. Consultation with an attorney is encouraged with respect to its completion or modification.

### OWNER:

*(Name, legal status and address)*

City Of Fort Lauderdale  
100 North Andrews Avenue  
Fort Lauderdale, FL 33301

Any singular reference to Contractor, Surety, Owner or other party shall be considered plural where applicable.

**BOND AMOUNT: FIVE PERCENT OF BID AMOUNT (5%)**

**PROJECT: New River Water Main Extension - Phase 2**

*(Name, location or address, and Project number, if any)*

The Contractor and Surety are bound to the Owner in the amount set forth above, for the payment of which the Contractor and Surety bind themselves, their heirs, executors, administrators, successors and assigns, jointly and severally, as provided herein. The conditions of this Bond are such that if the Owner accepts the bid of the Contractor within the time specified in the bid documents, or within such time period as may be agreed to by the Owner and Contractor, and the Contractor either (1) enters into a contract with the Owner in accordance with the terms of such bid, and gives such bond or bonds as may be specified in the bidding or Contract Documents, with a surety admitted in the jurisdiction of the Project and otherwise acceptable to the Owner, for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof; or (2) pays to the Owner the difference, not to exceed the amount of this Bond, between the amount specified in said bid and such larger amount for which the Owner may in good faith contract with another party to perform the work covered by said bid, then this obligation shall be null and void, otherwise to remain in full force and effect. The Surety hereby waives any notice of an agreement between the Owner and Contractor to extend the time in which the Owner may accept the bid. Waiver of notice by the Surety shall not apply to any extension exceeding sixty (60) days in the aggregate beyond the time for acceptance of bids specified in the bid documents, and the Owner and Contractor shall obtain the Surety's consent for an extension beyond sixty (60) days.

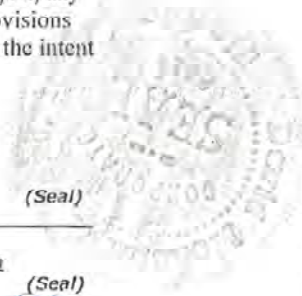
If this Bond is issued in connection with a subcontractor's bid to a Contractor, the term Contractor in this Bond shall be deemed to be Subcontractor and the term Owner shall be deemed to be Contractor.

When this Bond has been furnished to comply with a statutory or other legal requirement in the location of the Project, any provision in this Bond conflicting with said statutory or legal requirement shall be deemed deleted herefrom and provisions conforming to such statutory or other legal requirement shall be deemed incorporated herein. When so furnished, the intent is that this Bond shall be construed as a statutory bond and not as a common law bond.

Signed and sealed this 22<sup>nd</sup> day of August, 2022

  
*(Witness)*  
  
*(Witness)*

  
DAVID MANCINI & SONS, INC.  
*(Principal)*  
*(Title)*  
Travelers Casualty And Surety Company Of America  
*(Surety)*  
  
*(Title) Courtney Trevor, Attorney-in-Fact*



**CAUTION: You should sign an original ATA Contract Document, on which this text appears in RED. An original assures that changes will not be obscured**



**Travelers Casualty and Surety Company of America  
Travelers Casualty and Surety Company  
St. Paul Fire and Marine Insurance Company**

**POWER OF ATTORNEY**

**KNOW ALL MEN BY THESE PRESENTS:** That Travelers Casualty and Surety Company of America, Travelers Casualty and Surety Company, and St. Paul Fire and Marine Insurance Company are corporations duly organized under the laws of the State of Connecticut (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint **Courtney Trevor** of **SOUTHFIELD**, their true and lawful Attorney(s)-in-Fact to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed, and their corporate seals to be hereto affixed, this **21st** day of **April**, 2021.



State of Connecticut

City of Hartford ss.

By:   
Robert L. Raney, Senior Vice President

On this the **21st** day of **April**, 2021, before me personally appeared **Robert L. Raney**, who acknowledged himself to be the Senior Vice President of each of the Companies, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of said Companies by himself as a duly authorized officer.

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

My Commission expires the **30th** day of **June**, 2026



  
Anna P. Nowik, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of each of the Companies, which resolutions are now in full force and effect, reading as follows:

**RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President, any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary may appoint Attorneys-in-Fact and Agents to act for and on behalf of the Company and may give such appointee such authority as his or her certificate of authority may prescribe to sign with the Company's name and seal with the Company's seal bonds, recognizances, contracts of indemnity, and other writings obligatory in the nature of a bond, recognizance, or conditional undertaking, and any of said officers or the Board of Directors at any time may remove any such appointee and revoke the power given him or her; and it is

**FURTHER RESOLVED**, that the Chairman, the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President may delegate all or any part of the foregoing authority to one or more officers or employees of this Company, provided that each such delegation is in writing and a copy thereof is filed in the office of the Secretary; and it is

**FURTHER RESOLVED**, that any bond, recognizance, contract of indemnity, or writing obligatory in the nature of a bond, recognizance, or conditional undertaking shall be valid and binding upon the Company when (a) signed by the President, any Vice Chairman, any Executive Vice President, any Senior Vice President or any Vice President, any Second Vice President, the Treasurer, any Assistant Treasurer, the Corporate Secretary or any Assistant Secretary and duly attested and sealed with the Company's seal by a Secretary or Assistant Secretary; or (b) duly executed (under seal, if required) by one or more Attorneys-in-Fact and Agents pursuant to the power prescribed in his or her certificate or their certificates of authority or by one or more Company officers pursuant to a written delegation of authority; and it is

**FURTHER RESOLVED**, that the signature of each of the following officers: President, any Executive Vice President, any Senior Vice President, any Vice President, any Assistant Vice President, any Secretary, any Assistant Secretary, and the seal of the Company may be affixed by facsimile to any Power of Attorney or to any certificate relating thereto appointing Resident Vice Presidents, Resident Assistant Secretaries or Attorneys-in-Fact for purposes only of executing and attesting bonds and undertakings and other writings obligatory in the nature thereof, and any such Power of Attorney or certificate bearing such facsimile signature or facsimile seal shall be valid and binding upon the Company and any such power so executed and certified by such facsimile signature and facsimile seal shall be valid and binding on the Company in the future with respect to any bond or understanding to which it is attached.

I, **Kevin E. Hughes**, the undersigned, Assistant Secretary of each of the Companies, do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which remains in full force and effect.

Dated this **22nd** day of **August**, 2022



  
Kevin E. Hughes, Assistant Secretary

To verify the authenticity of this Power of Attorney, please call us at 1-800-421-3880.  
Please refer to the above-named Attorney(s)-in-Fact and the details of the bond to which this Power of Attorney is attached.





08-18-2022

### Bid Bond in Accordance with Contract Specifications

|  |  |
|--|--|
| SFL08182688                                    | David Mancini & Sons, Inc.   |
| <b>Bond Number</b>                             | <b>Principal Name</b>  |
| 2601 Willes Road, Pompano Beach, FL, 33073, US |  |
| <b>Principal Address</b>                       | <b>Principal Signature</b>   |
| City of Fort Lauderdale                        | 100 North Andrews Ave, Fort Lauderdale, FL, 33301, US                              |
| <b>Owner/Obligee Name</b>                      | <b>Owner/Obligee Address</b>   |

#### Bond Information

|                 |  |                                    |
|-----------------|--|------------------------------------|
| 08-22-2022      | Travelers Casualty and Surety Company of America | 1265908485                         |
| <b>Bld Date</b> | <b>Surety</b>                                    | <b>Contractor Vendor ID Number</b> |

12713-125  
**Contract ID Number**

New River Water Watermain Extension - Phase 2  
**Description of Job**

|                               |                             |                                |
|-------------------------------|-----------------------------|--------------------------------|
|                               |                             | 5%                             |
| <b>Amount of Bid Security</b> | <b>Bld Security Maximum</b> | <b>Bld Security Percentage</b> |

|   |                       |
|---|-----------------------|
| Michael G. Zervos   | Zervos Group, Inc.    |
| <b>Bond Entered and Executed By</b>   | <b>Primary Agency</b> |
|  |                       |
| <b>Attorney-In-Fact Signature</b>   |                       |

*Know all men by these presents that Travelers Casualty and Surety Company of America, a Corporation duly organized under the laws of the State of CT, are held and firmly bound unto the above owner/obligee by the transmission. The surety agrees to waive the statute of Fraud defense and further agrees that the owner/obligee is a third party beneficiary of the waiver for the purposes of enforcing this bid bond.*







**CORPORATE OFFICE**  
2601 Wiles Road  
Pompano Beach, FL 33073  
+1 (954) 977-3556



**CORPORATE OFFICE**

*Fort Lauderdale*  
500 West Cypress Creek Road, Suite 630  
Fort Lauderdale, FL 33309  
Telephone: +1 (954) 730-0707

**REGIONAL OFFICES**

*Miami*  
3150 SW 38th Ave., Suite 950  
Miami, FL 33146  
Telephone: +1 (786) 497-1500

*West Palm Beach*  
500 Australian Ave. South, Suite 850  
West Palm Beach, FL 33401  
Telephone: +1 (561) 746-6900

*Orlando (Maitland)*  
341 North Maitland Ave., Suite 346  
Maitland, FL 32751  
Telephone: +1 (407) 536-7970

*Jacksonville*  
3970 Hendricks Avenue  
Jacksonville, FL 32207  
Telephone: +1 (904) 398-8636

**ADDITIONAL OFFICES**

*Port St. Lucie*  
1860 SW Fountainview Blvd., Suite 100  
Port St. Lucie, FL 34986  
Telephone: +1 (772) 252-5038

*Gainesville*  
2233 Northwest 41st Street, Suite 400  
Gainesville, FL 32606  
Telephone: +1 (352) 374-1997

*Tampa*  
3001 N. Rocky Point Dr. East, Suite 200  
Tampa, FL 33607  
Telephone: +1 (813) 345-5965

*Sarasota*  
2520 North Tamiami Trail, Suite 15  
Nokomis, FL 34275  
Telephone: +1 (941) 529-1907