



SOLICITATION 465-11765
WATER MAIN/FORCE MAIN LAS OLAS
SUBMITTED: July 7, 2016





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SECTION 1



1. PROPOSAL CONTACT PERSON INFORMATION

Legal Name: Man-Con, Incorporated
FEI/EIN Number: 59-2547432
Mailing Address: 3460 Southwest 11th Street, Deerfield Beach, Florida 33442
Contact Person's Name: Guy A. Mancini
Contact Person's Title: President
Contact Person's Email: Guym@mancon.ws
Phone Number: (954) 427-0230
Fax Number: (954) 427-8133

A. MINORITY FIRM (S)

Legal Name: The Chappell Group, Inc.
FEI/EIN Number: 20-2656882
Mailing Address: 714 East McNab Road, Pompano Beach, Florida 33060
Contact Person's Name: Tyler E. Chappell
Contact Person's Title: Vice President
Contact Person's Email: tyler@thechappellgroup.com
Phone Number: (954) 782-1908
Fax Number: (954) 782-1108

SECTION 2

2. QUALIFICATIONS OF FIRM

A. BUSINESS STRUCTURE

i. [Introduction Letter](#)

Dear Selection Committee Members:

In response to the **City of Fort. Lauderdale's** Request for Design Build Services, **Man-Con, Inc.** in the role of Design-Builder, is pleased to provide this submittal for your consideration. We believe this Team, consisting of ourselves and our Lead Designer, **Thompson & Associates Inc.**, along with their sub-consultants can best provide the City with the quality design and construction desired at an economical cost.

Man-Con, Inc., incorporated in 1985 has completed more than 300 projects throughout Broward, Palm Beach, and Miami-Dade counties. Founded by its current owners, Guy and Jeff Mancini, Man-Con, Inc. specialize in underground utility, highway and drainage construction in populated, congested urban conditions.

Our company has constructed over \$ 41 Million of the City's **WaterWorks 2011 program**, the City's \$ 9.2 Million Dixie Wellfield, \$72 Million of the Broward County Neighborhood Improvement Program and many projects for surrounding municipal and County governments since the year 2000, with a considerable portion of the design and permitting being performed by our DB team members. Features of these projects included sanitary sewer replacement, drainage pipe and structures, slip-lining of existing drainage pipe, new water mains, grout, abandonment of existing water main, connection of houses to new water mains, force mains, lift stations, abandonment and demolition of existing lift stations, **horizontal directional drilled pipe under Sunrise Boulevard near the Swap Shop, under SR 84 near Andrews Avenue in Fort. Lauderdale, under Commercial Boulevard at Powerline Road**, demolition of concrete and pavement, installation of new concrete sidewalk, type "F" curbs, driveways, construction of new roadway subgrade, base and asphalt pavement, signage and pavement markings, tree relocation, new trees and landscape features, swale sodding and irrigation.

The most significant project of note is completion of the City of Hollywood's \$ 4.9 Million GMP Design-Build Lift Station E-2 & E-3 Intracoastal Waterway Piping Replacement Project completed in 2011 by Man Con, Inc. as the Design Builder. This project required complete design, site investigation, environmental impact survey, all permitting and construction of 6 EA - 18" diameter HDD installations under the ICW together with landside connections. Members of our Design partner and its sub-consultants worked together with Man Con, Inc. on that project, which is identical to the City of Ft. Lauderdale's project in practically all aspects.

We sincerely look forward to the opportunity of working for the City once again and invite any questions or inquiries that may arise with respect to our company or design members. Our experience, technical acumen and extensive construction capabilities make Man Con, Inc. an exceptional choice for the Design-Build Services contemplated by the City.

Sincerely,
MANCON, INC.



GUY MANCINI
President

ii. Corporation

Florida Department of State, Division of Corporation

FLORIDA DEPARTMENT OF STATE DIVISION OF CORPORATIONS	
	
	
Detail by Entity Name	
<u>Florida Profit Corporation</u>	
MAN-CON, INCORPORATED	
<u>Filing Information</u>	
Document Number	H40555
FEI/EIN Number	59-2547432
Date Filed	01/31/1985
State	FL
Status	ACTIVE
Last Event	AMEND TO STOCK AND NAME CHANGE
Event Date Filed	04/15/1985
Event Effective Date	NONE
<u>Principal Address</u>	
3460 S.W. 11TH STREET DEERFIELD BEACH, FL 33442	
Changed: 01/24/1994	
<u>Mailing Address</u>	
3460 S.W. 11TH STREET DEERFIELD BEACH, FL 33442	
Changed: 01/24/1994	
<u>Registered Agent Name & Address</u>	
MANCINI, GUY A. 3460 S.W. 11TH STREET DEERFIELD BEACH, FL 33442	
Name Changed: 01/24/1994	
Address Changed: 01/24/1994	
<u>Officer/Director Detail</u>	
Name & Address	
Title DPT	
MANCINI, GUY A. 3460 S.W 11TH STREET DEERFIELD BEACH, FL 33442	

Title DSV

MANCINI, JEFFREY J.
 3460 S.W 11TH STREET
 DEERFIELD BEACH, FL 33442

Title DV

MANCINI, ANTHONY J.
 3460 S.W. 11TH STREET
 DEERFIELD BEACH, FL 33442

Annual Reports

Report Year	Filed Date
2014	01/08/2014
2015	02/23/2015
2016	01/22/2016

Document Images

01/22/2016 -- ANNUAL REPORT	View image in PDF format
02/23/2015 -- ANNUAL REPORT	View image in PDF format
01/08/2014 -- ANNUAL REPORT	View image in PDF format
01/24/2013 -- ANNUAL REPORT	View image in PDF format
01/04/2012 -- ANNUAL REPORT	View image in PDF format
01/04/2011 -- ANNUAL REPORT	View image in PDF format
01/05/2010 -- ANNUAL REPORT	View image in PDF format
01/29/2009 -- ANNUAL REPORT	View image in PDF format
01/04/2008 -- ANNUAL REPORT	View image in PDF format
01/05/2007 -- ANNUAL REPORT	View image in PDF format
01/10/2006 -- ANNUAL REPORT	View image in PDF format
01/28/2005 -- ANNUAL REPORT	View image in PDF format
01/20/2004 -- ANNUAL REPORT	View image in PDF format
01/13/2003 -- ANNUAL REPORT	View image in PDF format
03/05/2002 -- ANNUAL REPORT	View image in PDF format
04/25/2001 -- ANNUAL REPORT	View image in PDF format
02/04/2000 -- ANNUAL REPORT	View image in PDF format
03/16/1999 -- ANNUAL REPORT	View image in PDF format
04/17/1998 -- ANNUAL REPORT	View image in PDF format
02/03/1997 -- ANNUAL REPORT	View image in PDF format
01/23/1996 -- ANNUAL REPORT	View image in PDF format
01/25/1995 -- ANNUAL REPORT	View image in PDF format



iii. Joint Venture

Not a Joint Venture



v. Key Personnel

Man-Con Incorporated

Name	Title	Email
Guy A. Mancini	President	guym@mancon.ws
Micheal F. Iacobelli	Sr. Project Manager	mikei@mancon.ws
Anthony Mancini	Project Manager	anthonym@mancon.ws
Jeffrey J. Mancini	General Superintendent	jeffm@mancon.ws
Kevin Rutherford	Utilities Superintendent	kevinr@mancon.ws
Eric Moulton	Restoration Superintendent	ericm@mancon.ws

Resume are provided in Section 3

Phone Number: (954) 427-0230

Fax Number: (954) 427-8133



vi. Insurance Requirements

Certificate of Insurance

Client#: 1790 MANCON1

ACORDTM CERTIFICATE OF LIABILITY INSURANCE DATE (MM/DD/YYYY)
06/10/2016

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER ZERVOS GROUP, INC. 24724 Farmbrook P.O. Box 2067 Southfield, MI 48037-2067	CONTACT NAME: PHONE (A/C, No, Ext): 248 355-4411 FAX (A/C, No): 248 355-2175 E-MAIL ADDRESS: PRODUCER CUSTOMER ID #:														
INSURED MAN-CON, INC. 3460 SW 11th Street Deerfield Beach, FL 33442	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="text-align: left;">INSURER(S) AFFORDING COVERAGE</th> <th style="text-align: left;">NAIC #</th> </tr> <tr> <td>INSURER A : Continental Insurance Company</td> <td></td> </tr> <tr> <td>INSURER B : Continental Casualty Company</td> <td></td> </tr> <tr> <td>INSURER C : Valley Forge Insurance Company</td> <td></td> </tr> <tr> <td>INSURER D : AGCS Marine Insurance Company</td> <td></td> </tr> <tr> <td>INSURER E :</td> <td></td> </tr> <tr> <td>INSURER F :</td> <td></td> </tr> </table>	INSURER(S) AFFORDING COVERAGE	NAIC #	INSURER A : Continental Insurance Company		INSURER B : Continental Casualty Company		INSURER C : Valley Forge Insurance Company		INSURER D : AGCS Marine Insurance Company		INSURER E :		INSURER F :	
INSURER(S) AFFORDING COVERAGE	NAIC #														
INSURER A : Continental Insurance Company															
INSURER B : Continental Casualty Company															
INSURER C : Valley Forge Insurance Company															
INSURER D : AGCS Marine Insurance Company															
INSURER E :															
INSURER F :															

COVERAGES **CERTIFICATE NUMBER:** **REVISION NUMBER:**

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

INSR LTR	TYPE OF INSURANCE	ADDL SUBR NSR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	GENERAL LIABILITY <input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> Contractual <input checked="" type="checkbox"/> X, C & U GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC		2077256991	07/31/2015	07/31/2016	EACH OCCURRENCE \$1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$100,000 MED EXP (Any one person) \$5,000 PERSONAL & ADV INJURY \$1,000,000 GENERAL AGGREGATE \$2,000,000 PRODUCTS - COMP/OP AGG \$2,000,000
A	AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> ALL OWNED AUTOS <input type="checkbox"/> SCHEDULED AUTOS <input checked="" type="checkbox"/> HIRED AUTOS <input checked="" type="checkbox"/> NON-OWNED AUTOS		2095076554	07/31/2015	07/31/2016	COMBINED SINGLE LIMIT (Ea accident) \$1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$ \$
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DEDUCTIBLE <input checked="" type="checkbox"/> RETENTION \$ 10,000		2095076568	07/31/2015	07/31/2016	EACH OCCURRENCE \$5,000,000 AGGREGATE \$5,000,000 \$ \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N NIA	2077257008	07/31/2015	07/31/2016	<input checked="" type="checkbox"/> WC STATU-TORY LIMITS <input type="checkbox"/> OTH-ER E.L. EACH ACCIDENT \$1,000,000 E.L. DISEASE - EA EMPLOYEE \$1,000,000 E.L. DISEASE - POLICY LIMIT \$1,000,000
D	Leased or Rented Equipment		MXI93021954	07/31/2015	07/31/2016	\$150,000 Limit \$1,000 Deductible

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (Attach ACORD 101, Additional Remarks Schedule, if more space is required)
Job Description: Bid 465-11765, Water Main / Force Main Las Olas

CERTIFICATE HOLDER City of Fort Lauderdale Procurement Services Division 100 N. Andrews Ave. 6th Floor Fort Lauderdale, FL 33301	CANCELLATION SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS. AUTHORIZED REPRESENTATIVE
--	--

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vii. Performance and Payment Bond

Travelers Casualty and Surety Letter



Stephen R. Dante

*Account Executive Officer
Travelers Bond
Construction Services*

(248) 312-7954
(866) 216-5992

1441 West Long Lake Rd.,
Suite 300
Troy, Michigan 48098

July 6, 2016

City of Fort Lauderdale
Procurement Services Division
100 N. Andrews Ave., 6th Floor
Fort Lauderdale, FL 33301

Re: Bid 465-11765, Water Main/Force Main Las Olas

To Whom It May Concern:

It has been the privilege of Travelers Casualty and Surety Company of America ("Travelers")¹ to provide surety bonds for Man-Con Incorporated since 2009. Man-Con Incorporated currently has a \$60 million single and \$100 million aggregate program.

It is our opinion that Man-Con Incorporated is qualified to perform the above captioned project, which we understand has an estimated value of approximately \$2,700,000. At their request we will give favorable consideration to providing the required performance and payment bonds.

Please note that the decision to issue performance and payment bonds is a matter between Man-Con Incorporated and Travelers, and will be subject to our standard underwriting at the time of the final bond request, which will include but not be limited to the acceptability of the contract documents, bond forms and financing. We assume no liability to third parties or to you if for any reason we do not execute said bonds.

We are pleased to share with you our experience with this fine organization. If you require any additional information, please let us know.

Sincerely,

TRAVELERS CASUALTY AND SURETY
COMPANY OF AMERICA



Stephen R. Dante

¹ Travelers is an A++ (Superior) A.M. Best rated insurance company (Financial Size Category XV (\$2 billion or more)).



B. SUB-CONTRACTORS

i. Strata Underground LLC

Legal Name: Strata Underground LLC
 Ownership: Drilling Acquisition LLC
 FEI/EIN Number: 47-1186140
 Location: 14500 East Hardy Road, Houston, Texas 77039
 Service Type: Horizontal Directional Drilling (HDD)
 Phone Number: (419) 340-1439

REFERENCES

The City of Corpus Christi
 Brandi B Karl, P.E., Email: brandib@urbaneng.com
 2725 Swantner, Corpus Christi, Texas
 Phone: (361) 854-3101

Corby Energy Services, Inc.
 Jeffrey Corby, Email: jcorby@corbyenergy.com
 6001 Schooner, Belleville Michigan 48112
 Phone: (313) 350-3469

Northwest Utilities Authority, Saginaw, Michigan
 David Carpenter, Email: dcarpenter@corbyenergy.com
 6001 Schooner, Belleville Michigan 48112 Phone: (813) 410-4360

KEY PERSONNEL

Name	Title	Email
Chris Lamb	Project Manager	Clamb@strata-us.com
Anthony Schwamb	Project Superintendent/Driller	
James Wilkerson	Project Superintendent/Driller	
Daniel Holland	Foreman and Driller	

Resumes are provided in Section 3



ii. Thompson and Associates

Legal Name: Thompson and Associates, Inc. Civil Engineering
 Ownership: James F. Thompson, P.E.
 FEI/EIN Number: 59-3823672
 Location: 412 Southeast 18th Street, Fort Lauderdale, Florida 33316
 Service Type: General Civil and Utility Engineering
 Phone Number: (954) 761-1073

RATE SCHEDULE

Position/Job Classification	Hourly Rates	Position/Job Classification	Hourly Rates
Principal	\$ 250.00	Staff Engineer	\$ 125.00
Professional Engineer	\$ 210.00	Engineer in Training	\$ 115.00
Project Manager	\$ 190.00	CAD Technician	\$ 90.00
Senior Engineer	\$ 175.00	Construction Manager	\$ 185.00
Project Engineer	\$ 150.00	Field Engineer	\$ 120.00

REFERENCES

Ric-Man International, Inc.
 Rene Castillo, Sr., Email: ReneSr@ric-man.us
 2601 NW 48th Street, Pompano Beach, Florida 33073
 Phone: (954) 426-1042 Fax: (954) 426-0717

MG3 Developer Group
 Gustavo Bogomolni, Email: gbogomolni@mg3developer.com
 1915 Harrison Street, Hollywood, Florida 33020
 Phone: (954) 929-5229 Fax: (954) 929-5226

Broward County Highway Construction and Engineering Division, Parks Planning and Design Section
 Mehrdad "Mike" Fayyaz, P.E., Email: Mfayyaz@broward.org
 1 North University Drive, Suite 3600B, Plantation, Florida 33324
 Phone: (954) 577-4583 Fax: (954) 357-5715

KEY PERSONNEL

Name	Title	Email
James F. Thompson, P.E.	Principal/ Project Manager	Jim@thompson-inc.com
Shahin Hekmat, P.E.	Lead Professional Engineer	Shah@thompson-inc.com
Darren L. Badore	Construction Manager	Darren@thompson-inc.com
Noel Rodriguez, E.I.	Staff Engineer	Noel@thompson-inc.com
Erik M. Alcantara, E.I.	Staff Engineer	Erik@thompson-inc.com

Resumes are provided in Section 3

Thompson & Associates Certificate of Authorization

State of Florida Department of State

I certify from the records of this office that THOMPSON & ASSOCIATES, INC., CIVIL ENGINEERING is a corporation organized under the laws of the State of Florida, filed on May 20, 2008, effective May 14, 2008.

The document number of this corporation is P08000050261.

I further certify that said corporation has paid all fees due this office through December 31, 2016, that its most recent annual report/uniform business report was filed on January 15, 2016, 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 Fifteenth day of January, 2016*



Ken Detzner
Secretary of State

Tracking Number: CC1450040982

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

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



Thompson & Associates Business Tax Receipt, City of Fort Lauderdale



CITY OF
 FORT LAUDERDALE BUSINESS TAX YEAR 2015-2016

BUSINESS TAX DIVISION
 100 N. ANDREWS AVENUE, 1ST FLOOR, FORT LAUDERDALE, FLORIDA 33301
 (954) 828-5195

Business ID: 9702709 Business Name: THOMPSON & ASSOCIATES INC
 Business Address: 412 SE 18 ST
 Tax Category: OFFICE USE ONLY Tax#: 727129 Fee:

THOMPSON & ASSOCIATES INC
 THOMPSON & ASSOCIATES
 PO BOX 22398
 FORT LAUDERDALE, FL 33335

DETACH AND POST THIS RECEIPT IN A CONSPICUOUS PLACE

Thompson & Associates Business Tax Receipt, Broward County

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
 115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 – 954-831-4000
 VALID OCTOBER 1, 2015 THROUGH SEPTEMBER 30, 2016

DBA: THOMPSON JAMES FRANCIS Receipt #: 315-748
 Business Name: THOMPSON & ASSOCIATES INC Business Type: ENGINEER (ENGINEER)

Owner Name: THOMPSON & ASSOCIATES INC Business Opened: 05/29/2008
 Business Location: 412 SE 18 ST State/County/Cert/Reg: 54731
 FT LAUDERDALE Exemption Code:
 Business Phone: 954-761-1073

Rooms	Seats	Employees	Machines	Professionals
		1		

For Vending Business Only						
Number of Machines:				Vending Type:		
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.

WHEN VALIDATED

Mailing Address:
 THOMPSON & ASSOCIATES INC
 PO BOX 22398
 FORT LAUDERDALE, FL 33335

Receipt # WWW-14-00124149
 Paid 07/23/2015 30.00

2015 - 2016



iii. The Chappell Group, Inc.

Legal Name: The Chappell Group, Inc.
 Ownership: Tyler E. Chappell
 FEI/EIN Number: 20-2656882
 Location: 714 East McNab Road, Pompano Beach, Florida 33060
 Service Type: Environmental Consulting Services
 Phone Number: (954) 782-1908

RATE SCHEDULE

Position/Job Classification	Hourly Rates	Position/Job Classification	Hourly Rates
Principal	\$ 228.59	Project Biologist	\$ 72.91
Project Manager	\$ 95.10	CAD Technician	\$ 66.57
Senior Project Biologist	\$ 79.25	Certified Arborist	\$ 72.91

REFERENCES

City of Sunrise
 David Aberhalden,
 3495 North Hiatus Road, Suite 201, Sunrise, Florida 33351
 Phone: (954) 572-2264

WCI Communities, Ltd.
 Maurice Berry, III
 11575 Heron Bay Boulevard, Suite 200, Coral Springs, Florida 33076
 Phone: (954) 575-4200

EAC Consulting
 Richard Crooks, rcrooks@eacconsult.com
 5100 Northwest 33rd Avenue, Suite 243, Fort Lauderdale, Florida 33309
 Phone: (954)733-8004

KEY PERSONNEL

Name	Title	Email
Sarah Dinnen Chappell	President	sarah@thechappellgroup.com
Tyler E. Chappell	Vice President	tyler@thechappellgroup.com
Nick Zweber	Sr. Project Biologist	nick@thechappellgroup.com
Kathryn Bongarzone	Sr. Project Biologist	kathryn@thechappellgroup.com
Sara Gutekunst	Project Biologist	sarag@thechappellgroup.com

Resumes are provided in Section 3

Chappell Group Certificate of Authorization

State of Florida Department of State

I certify from the records of this office that THE CHAPPELL GROUP, INC. is a corporation organized under the laws of the State of Florida, filed on April 14, 2005.

The document number of this corporation is P05000055901.

I further certify that said corporation has paid all fees due this office through December 31, 2016, that its most recent annual report/uniform business report was filed on January 25, 2016, 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,
2016*



Ken Detjmer
Secretary of State

Tracking Number: CC8937764206

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

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



Chappell Group Business Tax Receipt, Broward County

BROWARD COUNTY LOCAL BUSINESS TAX RECEIPT
 115 S. Andrews Ave., Rm. A-100, Ft. Lauderdale, FL 33301-1895 - 954-831-4000
 VALID OCTOBER 1, 2015 THROUGH SEPTEMBER 30, 2016

DBA: CHAPPELL GROUP INC THE Receipt #: 327-13009
 Business Name: CHAPPELL GROUP INC THE Business Type: BUSINESS/FINANCIAL/CONSULTANT (CONSULTING)

Owner Name: SARAH CHAPPELL Business Opened: 04/14/2005
 Business Location: 714 E MCNAB ROAD State/County/Cert/Reg:
 POMPANO BEACH Exemption Code:
 Business Phone: 954-968-1504

Rooms	Seats	Employees	Machines	Professionals
		2		

For Vending Business Only						
Number of Machines:			Vending Type:			
Tax Amount	Transfer Fee	NSF Fee	Penalty	Prior Years	Collection Cost	Total Paid
33.00	0.00	0.00	0.00	0.00	0.00	33.00

THIS RECEIPT MUST BE POSTED CONSPICUOUSLY IN YOUR PLACE OF BUSINESS

THIS BECOMES A TAX RECEIPT WHEN VALIDATED 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:
 CHAPPELL GROUP INC THE
 714 E MCNAB ROAD
 POMPANO BEACH, FL 33060

Receipt #1CP-14-00013269
 Paid 07/13/2015 33.00

2015 - 2016

Chappell Group State of Florida MBE Business Certificate

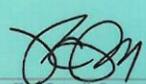
State of Florida

**Minority, Women & Florida Veteran
 Business Certification**

The Chappell Group

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

02/02/2016 to 02/02/2018


 Chad Poppel, Secretary
 Florida Department of Management Services




Office of Supplier Diversity • 4050 Esplanade Way, Suite 380 • Tallahassee, FL 32399 • 850-487-0915 • www.osd.dms.state.fl.us

Chappell Group Broward County DBE Certificate (Page 1)



OFFICE OF ECONOMIC AND SMALL BUSINESS DEVELOPMENT

Governmental Center Annex
115 S. Andrews Avenue, Room A680 • Fort Lauderdale, Florida 33301
954-357-6400 • FAX 954-357-5674 • TTY 954-357-5664

August 31, 2015

Ms. Sarah Chappell
THE CHAPPELL GROUP, INC.
714 East McNab Road
Pompano Beach, FL 33060

ANNIVERSARY DATE – Annually, on August 31th

Dear Ms. Chappell:

Broward County is pleased to announce that **The Chappell Group, Inc.** has been certified as a **Disadvantaged Business Enterprise [DBE]** in Florida, under a **Unified Certification Program [UCP]** in accordance with 49 CFR, PART 26.

DBE certification continues from your anniversary date, but is contingent upon The Chappell Group, Inc. renewing its eligibility annually through this office, Office of Economic and Small Business Development (OESBD). OESBD will notify you in advance of your obligation to provide continuing eligibility documents; however, to assure continued certification is your responsibility. Failure to continue your eligibility will result in immediate action to decertify The Chappell Group, Inc. as a DBE.

The Chappell Group, Inc. will be listed in Florida's **Business Directory** which can be accessed via the internet, at <http://www3b.dot.state.fl.us/EqualOpportunityOfficeBusinessDirectory>.

As long as The Chappell Group, Inc. is listed in the Florida Business Directory, it is considered eligible to bid throughout the state under the assigned NAICS.

DBE Certification is subject to actions by governmental agencies impacting the disadvantaged status of The Chappell Group, Inc.

DBE certification is **NOT** a guarantee of work, but enables The Chappell Group, Inc. to compete for, and perform, contract work on all USDOT Federal Aid (FAA, FTA and FHWA) projects in Florida as a DBE contractor, sub-contractor, consultant, sub-consultant or material supplier.



Chappell Group Broward County DBE Certificate (Page 2)

Re: The Chappell Group, Inc.

August 31, 2015

If, at any time, there is a material change in The Chappell Group, Inc., including, but not limited to, ownership, officers, directors, scope of work being performed, daily operations, affiliations with other businesses or individuals or physical location of The Chappell Group, Inc., you must notify OESBD, in writing, without delay. Notification should include supporting documentation. You will receive acknowledgement and confirmation of continued eligibility, if applicable after notification of changes.

The Chappell Group, Inc. may compete for, and perform, work on all USDOT Federal Aid projects throughout Florida, receiving DBE credit consistent with 49 CFR part 26 for work performed in the following areas:

NAICS CODE: 541340 Drafting Services

NAICS CODE: 541620 Environmental Consulting Services

NAICS CODE: 541690 Other Scientific and Technical Consulting Services

NAICS CODE: 541990 All Other Professional, Scientific, and Technical Services

Please feel free to contact OESBD for any questions or concerns pertaining to your DBE certification. Our telephone number is (954) 357-6400; our fax number is (954) 357-5674.

Sincerely,

A handwritten signature in black ink, appearing to read "Chris Atkinson", with a long horizontal line extending to the right.

Chris Atkinson, Assistant Director
Office of Economic and Small Business Development

Chappell Group SFWMD SBE Certificate



SOUTH FLORIDA WATER MANAGEMENT DISTRICT

REGISTERED VENDOR NO.: 109721

November 14, 2014

CERTIFICATION EXPIRATION DATE
November 14, 2017

Ms. Sarah D. Chappell, President
The Chappell Group, Inc.
714 E. McNab Road
Pompano Beach, FL 33060

Dear Ms. Chappell:

Congratulations, the South Florida Water Management District (District) has recertified your firm as a Small Business Enterprise (SBE). This certification is valid for three (3) years and may **only** be applied when business is conducted in the following area(s):

Environmental Surveying

Your submittal of bids or proposals to supply other products or services outside of the specialty area(s) noted above will not count toward SBE participation. If you require certification in other specialty areas, please contact the Procurement Bureau, SBE Section, for additional information.

Renewal is required every three (3) years and should be requested a minimum of 45 days prior to the above expiration date.

If any changes occur within your company during the certification period such as ownership, affiliate company status, address, telephone number, licensing status, gross revenue, or any information that relates to your SBE Certification status, you must notify this office in writing immediately. It is imperative that we maintain current information on your company at all times. **FAILURE TO REPORT CHANGES MAY RESULT IN DECERTIFICATION.**

Certification is not a guarantee that your firm will receive work, nor an assurance that your firm will remain in the District's vendor database.

We look forward to a mutually beneficial working relationship.

Sincerely,



Sandra Hammerstein
Sr. Compliance Specialist
Procurement Bureau

/sh



C. FINANCIALS

i. Annual Billings

MAN-CON, INC. ANNUAL BILLING FOR PAST THREE YEARS

Fiscal Year Ending	Total Billings
July 31, 2015	\$ 11,553,166.00
July 31, 2014	\$ 7,101,914.00
July 31, 2013	\$ 10,097.241

ii. Ratio

MAN-CON, INC. RATIO (ASSETS/LIABILITIES) EXPERIENCE FOR LAST FIVE YEARS

Fiscal Year Ending	Ratio (Assets/Liabilities)
July 31, 2015	3.84 %
July 31, 2014	4.01 %
July 31, 2013	6.36 %
July 31, 2012	7.01 %
July 31, 2011	6.46 %

D. PRIME FIRM PAST EXPERIENCE

PROJECT NAME: North Central County Neighborhood Improvements Project, Bid Package No. 4
PROJECT LOCATION: West Ken Lark South
MAN CON JOB NO.: 293

OWNER: Broward County Water & Wastewater Services
CONTACT: Pat MacGregor
ADDRESS: 2555 West Copans Road, Pompano Beach, Florida 33069
PHONE NO.: (954) 831-0904
FAX NO.: (954) 831-0925
EMAIL: pamacgregor@broward.org

PROJECT START DATE: July 20, 2009
PROJECT END DATE: August 16, 2011
CONTRACT DURATION: 757 total days
SCHEDULE COMPLIANCE: Yes

ORIGINAL BUDGET: \$ 8,940,029.45
FINAL COST: \$ 9,023,261.67
BUDGET COMPLIANCE: Yes, Increased work ordered by County

PROJECT DESCRIPTION:

This project was constructed on behalf of Broward County Board of Commissioners within their ongoing Neighborhood Improvement Program, which was established in 1995 to upgrade infrastructure and eliminate blight in unincorporated County neighborhoods. Man Con, Inc. has constructed over \$72 Million of this work since the year 2000.

Features of this project included 880 LF of 16" diameter horizontal directional drilled HDPE Pipe under Sunrise Blvd. near the Swap Shop. Sanitary Sewer Replacement with connection of existing residences to new system, drainage pipe and structures, slip-lining of existing drain pipe, new water mains, grout, abandonment of existing water main, connection of houses to new water main, force mains, lift station, demolition of concrete and pavement, installation of new concrete sidewalk, Type "F" curbs, driveways, construction of new roadway subgrade, base and asphalt pavement. Signage and pavement markings.

Tree re-location, New trees and landscape features, swale sodding and irrigation.

This was a Unit Price contract.

KEY PROJECT PERSONNEL Michael F. Iacobelli, Project Manager
Jeffrey J. Mancini, General Superintendent
Kevin Rutherford, Project Superintendent



PROJECT NAME: Lift Station E-2 and E-3 Intracoastal Waterway Piping Replacement

PROJECT LOCATION:

MAN CON JOB NO.: 296

OWNER: City of Hollywood, Public Works Department

CONTACT: Feng Jeff Jaing, P.E.

ADDRESS: Engineering & Construction Services Division
P.O. Box 229045, Hollywood, FL 330022-9045

PHONE NO.: (954) 921-3258

FAX NO.: (954) 921-3937

EMAIL: fjiang@hollywood.org

APRIL 1, 2010 July 20, 2009

PROJECT END DATE: August 2011

CONTRACT DURATION: 365 total days

SCHEDULE COMPLIANCE: Yes

ORIGINAL BUDGET: \$ 4,915,204.00

FINAL COST: \$ 4,915,204.00

BUDGET COMPLIANCE: Yes

PROJECT DESCRIPTION:

This was a design-build project which our firm was awarded based upon an evaluation process, wherein written and verbal presentations were made by several contractors. The project involved replacement of the existing water and force mains at two locations across the Intracoastal Waterway. A total of four (4) 18" diameter HDPE force mains and two (2) 18" diameter water mains were constructed by directional drill under the ICW at two (2) locations. The replacement also requires connection to existing facilities at both ends of the directional drill locations, including two (2) open-cut connection crossings within the FDOT right-of-way on State Road A1A, coordination of all FM/WM shut downs, restoration, permitting, environmental monitoring, and abandonment and preservation of existing facilities crossing the ICW for the City's use either as redundancy or leasing to outside utility authorities.

Man Con, Inc. hired the engineering firm of Craven Thompson & Associates, Inc. (CTA) of Fort Lauderdale to design the project and acquire all necessary permitting, and retained the services of Utility Services Authority (USA) of Port St. Lucie to install the six (6) sub-aqueous crossings of the Intracoastal Waterway. Each directional drill crossing consists of approximately 1000 lineal feet of 18" HDPE pipe.

This was a GMP contract.

KEY PROJECT PERSONNEL

Michael F. Iacobelli, Project Manager

Jeffrey J. Mancini, General Superintendent

Kevin Rutherford, Project Superintendent



PROJECT NAME: Reclaimed Water Main Project
PROJECT LOCATION: Sabal Pines Park
MAN CON JOB NO.: 301

OWNER: City of Coconut Creek
CONTACT: Carlos Nuesa
ADDRESS: 4800 West Copans Road, Coconut Creek, Florida 33063
PHONE NO.: (954) 956-1545
FAX NO.: (954) 954-973-6754
EMAIL: cnuesa@coconutcreek.net

APRIL 1, 2010 March 19, 2012
PROJECT END DATE: August 15, 2012
CONTRACT DURATION: 150 total days
SCHEDULE COMPLIANCE: Yes

ORIGINAL BUDGET: \$ 210,461.00
FINAL COST: \$ 194,953.30
BUDGET COMPLIANCE: Yes

PROJECT DESCRIPTION:

Furnished and installed 475 LF of 16" HDPE reclaimed water pipe.
Furnished and installed 455 LF of 16" PVC reclaimed water main (directional drill) Sod restoration
Concrete Sidewalk removal and restoration
Furnished and installed reclaimed water main tie in connection 16" connection.

KEY PROJECT PERSONNEL Michael F. Iacobelli, Project Manager
Jeffrey J. Mancini, General Superintendent
Kevin Rutherford, Project Superintendent

SECTION 3



3. PROPOSAL CONTACT PERSON INFORMATION

A. PROJECT TEAM MEMBERS

Man-Con Incorporated

Name	Title	Years of Experience	Location	Education
Guy A. Mancini	President	44	Broward County	
Micheal F. Iacobelli	Sr. Project Manager	43	Broward County	BS Construction Engineering
Anthony Mancini	Project Manager	10	Broward County	Bachelor of Business Administration in Finance
Jeffrey J. Mancini	General Superintendent	41	Broward County	
Kevin Rutherford	Utilities Superintendent	16	Broward County	
Eric Moulton	Restoration Superintendent	40	Broward County	

Strata Underground LLC

Name	Title	Years of Experience	Location	Education
Chris Lamb	Project Manager	23	Port St. Lucie	
Anthony Schwamb	Project Superintendent/Driller	12	Port St. Lucie	
James Wilkerson	Project Superintendent/Driller	10	Port St. Lucie	
Daniel Holland	Foreman and Driller	12	Port St. Lucie	

Thompson and Associates

Name	Title	Years of Experience	Location	Education
James F. Thompson, P.E.	Principal/ Project Manager	20	Broward County	Master of Science, Civil and Environmental Engineering Bachelor of Science, Civil and Environmental Engineering
Shahin Hekmat, P.E.	Lead Professional Engineer	26	Broward County	Bachelor of Science, Civil and Environmental Engineering
Darren L. Badore	Construction Manager	20	Broward County	Associates Degree, Mechanical Engineering
Noel Rodriguez, E.I.	Staff Engineer	5	Broward County	Master of Science, Civil Engineering Bachelor of Science, Civil Engineering
Erik M. Alcantara, E.I.	Staff Engineer	5	Broward County	Bachelor of Science, Civil Engineering



The Chappell Group

Name	Title	Years of Experience	Location	Education
Sarah Dinnen Chappell	President	17	Broward County	Bachelor of Science, Political Science/Communication
Tyler E. Chappell	Vice President	18	Broward County	Bachelor of Science, Environmental Science
Nick Zweber	Sr. Project Biologist	4	Broward County	Bachelor of Arts, Biology
Kathryn Bongarzone	Sr. Project Biologist	4	Broward County	Bachelor of Science Environmental Science, Minor Political Science
Sara Gutekunst	Project Biologist	3	Broward County	Bachelor of Science Marine and Atmospheric Science, Majors in Marine Science and Biology, Minor in Chemistry



Guy Mancini

President

Experience:

July 1985 to Present	MAN-CON, INCORPORATED - President
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Oversee corporate operations including project management, estimating, and execution of contracts.

1983 to 1985	RIC-MAN, INTERNATIONAL - President
---------------------	---

President and minority shareholder. In charge of operations, estimating, execution of contracts, direct management of all projects, and highway, heavy and underground construction.

1982 to 1983	RIC-MAN, INTERNATIONAL – Vice-President
---------------------	--

In charge of Florida operations. Responsible for estimating, execution of contracts, project management for projects ranging from \$1MM - \$5MM dollars, and highway, heavy, and underground construction.

1981 to 1982	RIC-MAN, INTERNATIONAL – General Manager
---------------------	---

Relocated to Florida to manage all operations - estimating, negotiating subcontracts, coordinating labor, material, and equipment.

1977 to 1981	RIC-MAN, INTERNATIONAL – Superintendent
---------------------	--

Control over various highway and underground utility projects ranging from \$1MM – \$7MM dollars throughout southeast Michigan. Coordinate labor, equipment, and material subcontractors.

1973 to 1977	RIC-MAN, INTERNATIONAL – Foreman
---------------------	---

Responsible for various highway and underground utility projects throughout southeast Michigan, coordinating labor, material, and equipment.

1972 to 1973	RIC-MAN, INTERNATIONAL – Laborer, Heavy Equipment Operator
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Laborer and heavy equipment operator on various underground utility projects throughout southeast Michigan.

Client Reference

Project: Broward County Neighborhood Improvement Program, West Ken Lark, Bid Pack 4
 Project Duration: June 2009 to July 2011
 Project General Superintendent
 Broward County WWS
 Contact: Pat MacGregor (954) 831-0904



Anthony Mancini
Project Manager / Corporate Control

Experience:

2014 to Present

MAN-CON, INCORPORATED - *Project Manager,*

Responsible for the Projects overall performance, including all aspects from project award to project close out.

2012 to 2014

Halvorsen Holdings

Acquisitions, Dispositions, Construction Management of Commercial Real Estate

2009 to 2012

MAN-CON, INCORPORATED – Operator / Forman

Worked on multiple sewer, water, drainage, and road building projects in South Florida and gained experience in all aspects of construction from project start-up through final restoration.

2006 to 2009

MAN-CON, INCORPORATED – Laborer

Worked on multiple sewer, water, drainage, and road building projects in South Florida and gained experience in all aspects of construction from project start-up through final restoration.

Education:

Bachelor of Business Administration in Finance at Florida Atlantic University (2013)

Member of the National Society of Collegiate Scholars, since 2009

Client Reference:

Project: Broward County Neighborhood Improvement Program

Duration: June 2009 to July 2011

Senior Project Manager

Broward County WWS

Contact: Pat MacGregor (954) 831-0904



Jeffrey Mancini
Vice President, General Superintendent

Experience:

1985 to Present | **MAN-CON, INCORPORATED** – *Vice-President / General Construction Superintendent*

Responsible for management and oversight of all field operations including, but not limited to, water main, sewage force main, gravity sewer, storm drain, earthwork, and highway and heavy construction.

1983 to 1985 | **RIC-MAN INTERNATIONAL** – **Vice-President / Asst. Secretary**

Vice President, Assistant Secretary, and Minority Shareholder. In charge of all field operations for highway construction, heavy construction, and underground utility construction.

1980 to 1983 | **RIC-MAN INTERNATIONAL** – **Foreman / Superintendent**

Responsible for all field operations for highway construction, heavy construction, and underground utilities.

1977 | **RIC-MAN INTERNATIONAL** – **Foreman**

- In charge of various underground utility pipeline projects in southeast Michigan.

1975 to 1977 | **RIC-MAN INTERNATIONAL** – *Operator / Laborer*

Part-time heavy equipment operator and laborer on numerous underground utility pipeline projects in southeast Michigan.

Client Reference:

Project: Broward County Neighborhood Improvement Program, West Ken Lark, Bid Pack 4
Project Duration: June 2009 to July 2011
Project General Superintendent
Broward County WWS
Contact: Pat MacGregor (954) 831-0904



Kevin Rutherford

*Pipe Installation Superintendent, Utilities
Superintendent*

Experience:

2001 to Present

MAN-CON, INCORPORATED – Superintendent

Responsible for the daily operations of all pipe crews including, but not limited to, water main, gravity sewer, sewage force main, storm drainage, earthwork, and heavy, road, and highway construction.

Track the activities of all crews and create daily construction reports.

Experienced with all aspects of debris removal and reduction activities and disaster recovery related services.

1985 to 2000

MOLLOY BROTHERS, INC. – Foreman

Responsible for daily operations of a pipe crew. Including but not limited to water main, gravity sewer, sewage force main, and storm drainage. The crew also performed earthwork, heavy, and road and highway construction.

Track crew activities and create construction daily reports daily.

Education / Certification

State of Florida Underground Utility & Excavation Contractor – License No. CUC1223699 – Since 02/17/2005

A.T.S.S.A. Certified Flagger Instructor Trainer – Certificate No. 00031237 – Since 08/06/2002

A.T.S.S.A. Certified Traffic Control Supervisor – Certificate No. 00031237 – Since 02/12/1998

O.S.H.A. Certified Confined Space Entry Program – Since 09/25/1995

O.S.H.A. Certified Competent Person Training Program – Since 04/11/1992

Client Reference

Project: Broward County Neighborhood Improvement Program

Duration: June 2009 to July 2011

Utilities Superintendent

Broward County WWS

Contact: Pat MacGregor (954) 831-0904



C. Eric Moulton
Restoration Superintendent

Experience:

2013 to Present | **MAN-CON, INCORPORATED** – *Restoration Superintendent*

Responsible for daily operations of all pipe crews. Including water main, gravity sewer, sewage force main, storm drainage, earthwork, heavy, and road and highway construction.

Track activities of each crew and create construction reports daily.

Experienced in all aspects of debris removal and disaster recovery related services.

Underground Construction Work Experience

Superintendent for placement of conduit and manhole structures for telephone company. Gained active experience in pipe laying, manhole placement, directional drilling, casing bores and duct testing. Responsibilities required organizing and planning the project from pre- construction meetings to job completion. Prepared detailed estimates as well as short-term schedules. Transmitted formal correspondences and conducted regular progress meetings with inspectors and engineers.

Responsible for organizing change orders, issuing project status reports, and conducting weekly quality control inspections.

Representative Projects:

Seymore Lake Road & Baldwin, Oakland Co. Michigan - Approximately 5,500 ft. of 6 conduits including 5 Manhole Structures, & 1 large fiber optic cabinet.

Hamlin Road project, Auburn Hills, Michigan - 4,000 ft. of 6 conduits, 3 Manholes & 150 ft. of 16 inch casing bore, & 250 ft. 8 conduit directional drilling.

10 Mile and Drake Road, Oakland Co. Michigan - 3,000 ft. of 4 conduits, 2 manholes & 1 large fiber optic cabinet.

Crooks Road, Oakland Co. Michigan - 7,000 ft, 16 to 35 conduits including 9 manholes & 400 ft. of 16 conduits directional drilling.

Certification

State of Florida Certified General Contractor License No. CGC 511224 - Since 05/11/2006

State of Florida Certified Excavation Contractor License No. CUC 1224218 – Since 05/10/2006

State of Florida Certified Plumbing Contractor License No. CFC 1427291 – Since 02/16/2007

Client Reference

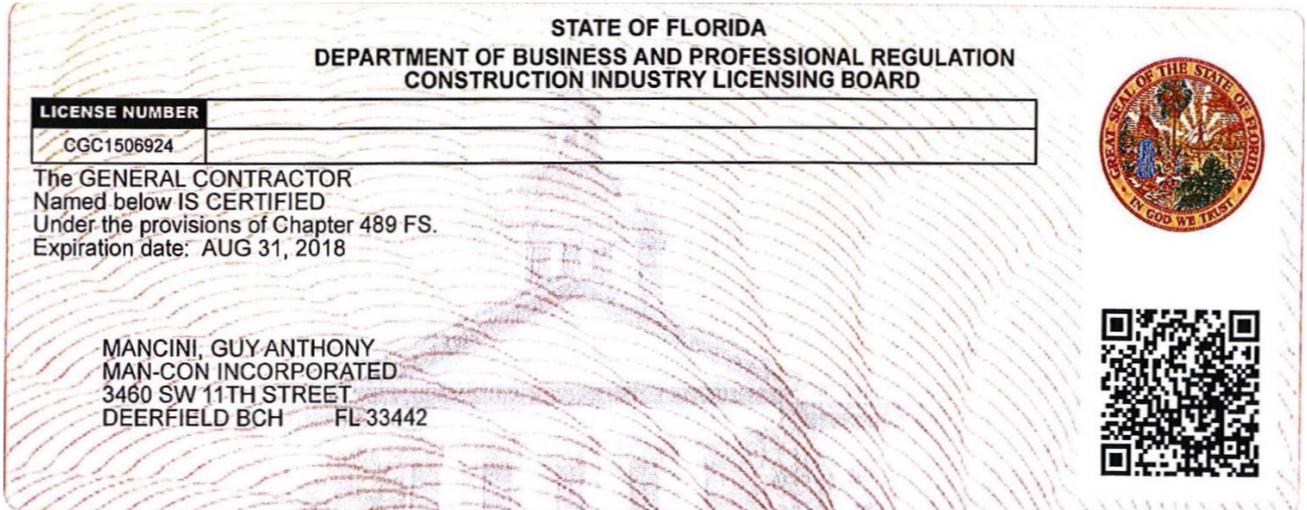
Project: Boca Heights Infrastructure Improvements

Utilities Foreman

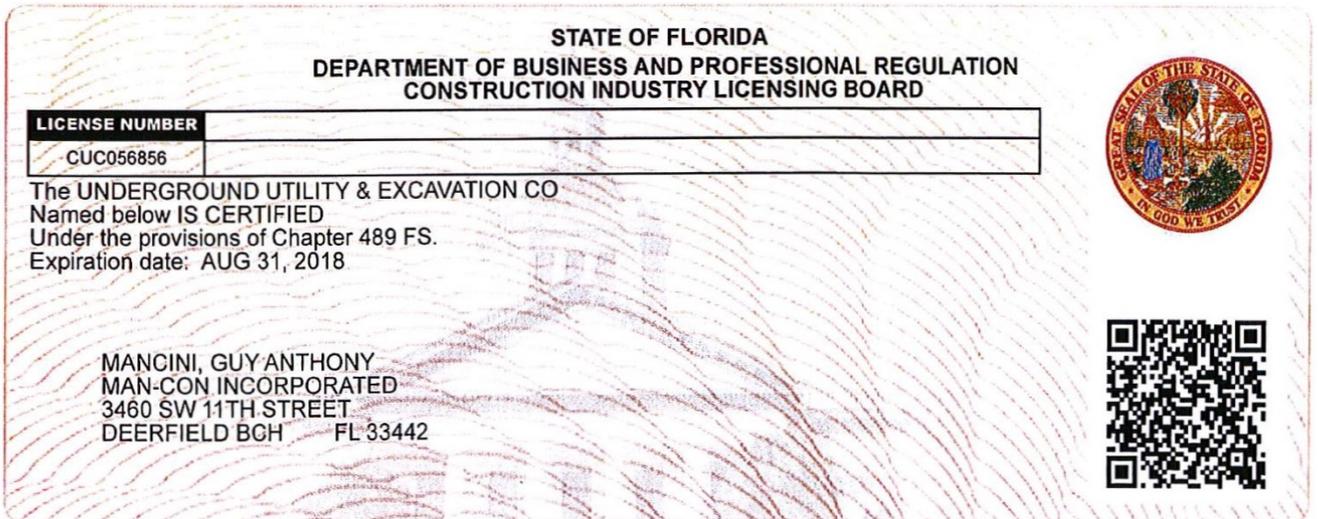
Mathews Consulting, 477 S. Rosemary Avenue, Suite 330, West Palm Beach, FL 33401

Contact: Aaron Cutler, Cell (561) 398-1585 – Office (561) 655-6175

Guy A. Mancini – General Contractor License



Guy A. Mancini – Underground Utility and Excavation License



Chris Lamb

GENERAL MANAGER/PROJECT MANAGER

Construction manager with a 20-year record of success overseeing all phases of multimillion-dollar construction, infrastructure, and environmental projects for government and private-sector clients. Experience includes managing crews of up to 75 in utility improvements, oil and gas transmission, and a variety of other construction projects. Backed by strong credentials and a proven history of on-time, on-budget and high-quality project completions.

Key Skills

- *Trenchless Construction Projects*
- *Infrastructure Improvement Projects*
- *Environmental Remediation Projects*
- *Site Safety/OSHA Compliance*
- *Overseeing Equipment Maintenance*
- *Change Order Management*
- *Budgeting & Cost Controls*
- *Bidding/Estimating/Proposals*
- *Subcontractor/Crew Supervision*

Employer Summary

UTILITY SERVICES AUTHORITY (BELLEVILLE, MI.) — **General Manager**, 3/03 to 9/14

Responsible to lead major trenchless infrastructure improvements on the nation's water, sewer, gas and oil transmission projects with budgets to \$10M.

GLEASON CONSTRUCTION — **HDD Superintendent**, 2/90 to 3/03

Managed all phases of conventional open cut and horizontal directionally drilled utility projects. Consistently exceeded margin goals and client expectations throughout thirteen-year tenure.

Project Experience

- Multiple bores in the States of Florida, Arkansas, Illinois, Indiana, Iowa, Michigan, Mississippi, North Dakota, Ohio, Pennsylvania, and Texas with pipe sizes ranging in size from 18 inches to 48 inches with budgets from \$300,000 to \$10M.
- Experience around the Country in all types of soil and rock conditions with pipe sizes from 2 inch to 60 inch with bore lengths to 7500 LF.
- Operation of drill equipment with up to 700,000 lbs. of thrust, 95,000 lbs. of thrust with recycling capabilities of up to 2,000 gallons per minute.
- Project Management and Estimating for projects ranging in size from \$200,000 to 10M around the country for municipalities and private sector companies alike.
- Currently managing one utility improvement project boring 4000 LF of 30-inch steel pipe under the Neches River in Beaumont Texas with a 5M budget. Also, two projects in Florida with budgets over 2M. One Intracoastal bore project in Hollywood, FL with multiple drill shots and one wetland bore project in Bartow, FL. with multiple drill shots.
- Assist in feasibility studies and design for many HDD projects in Florida and throughout the country.

EDUCATION:

Master of Science, Civil and Environmental Engineering, Florida International University

Bachelor of Science, Civil and Environmental Engineering, University of South Florida

Construction Management Certificate Program, Florida Atlantic University

Small Business Executive Program, Florida State University, College of Business

FES/FICE Florida Engineering Leadership Institute

REGISTRATIONS:

Registered PE, Florida #54731

LEED Accredited Professional

EPA/FDEP NPDES Instructor

FDOT Advance Work Zone Traffic Control Certification

OSHA Trench Safety Certificate

AFFILIATIONS:

FICE State Past-President

NSPE 2003 "National Young Engineer of the Year"

FES 2005/06 Broward President

City of Coconut Creek Environmental Advisory Board

Stranahan H.S. Advisory Board

Broward County Construction Advisory Board, Vice-Chair

PUBLICATIONS:

"Determining the Cause of Activated Sludge Foaming and Bulking at the Sawgrass WWTP in Sunrise, Florida", AWWA/FWEA State Conference 1999

CONTACT INFORMATION:

PO Box 22398
Fort Lauderdale, FL 33335

Tel: 954-761-1073

jim@thompson-inc.com

SUMMARY

James Thompson has over 20 years of experience in civil engineering projects related to large municipal utility and right-of-way improvements, HDD projects, FEMA grants, CDBG grants, Development of Regional Impact (DRI), value engineering, annexation studies, infrastructure valuation studies, peer review reports, expert witness testimony, land planning, platting, parcel dedications, infrastructure and site civil design, permitting, geotechnical testing, construction inspection and contract administration for private and municipal clients. His extensive private experience varies from large land development projects of over 4,000 acres to small commercial parcels. Mr. Thompson's municipal experience includes large multi-phase neighborhood redevelopment projects, minor treatment plant improvements, utility and right-of-way improvements, and various new municipal projects such as parks and schools.

Mr. Thompson brings to each project a unique approach which emphasizes teamwork and collaboration between all team members in order to identify and resolve issues early. It is this style of project management that insures the final design plans meet the client's needs as well as the permitting criteria while staying on schedule and within the anticipated budget. This project approach works exceptionally well for design-build projects.

Mr. Thompson is a Past-President for FES Broward Chapter, the state's Past-President for FICE, and sits on the ACEC National Environment and Energy Committee. He has an advanced degree in civil/Environmental Engineering, completed the FAU Construction Management Program, the FES/FICE Florida Leadership Institute, and most recently the FSU College of Business Small Business Executive Program. In addition to being certified by the FDEP as an NPDES Instructor, he is a guest lecturer for the FIU College of Engineering.

EXPERIENCE

24" Potable Water Main HDD, Broward County, Florida. Design services were provided for the horizontal directional drill of a new 24" potable water main under Broward Boulevard in the middle of State Road 7. The project had to be coordinated with the City of Fort Lauderdale, the City of Plantation, and the Florida Department of Transportation. The project was completed as part of a design alternative related to the Broadview Park NIP by the Broward County Water and Wastewater Division. T&A was the engineer-of-record for the HDD design of the new 650' - 24" water main, assisted with permitting efforts, conducted construction inspection, and designed the required MOT plans for State Road 7 and Broward Boulevard. The project was completed on time and reduced the impact to the public during construction.



16" Potable Water Main HDD, Palm Beach County, Florida. Thompson & Associates were retained to complete the design, permitting and construction observation for 3,400 LF of 16" DIP Potable Water Main along Lyons Road. Included in the design were two (2) – 400 LF segments of 16" HDPE HDD under canals. The proposed potable water main pipe will greatly extend the service area for Palm Beach County Water Utilities.

20" Reclaimed Water Main HDD, Palm Beach County, Florida. Thompson & Associates were retained to complete the design, permitting and construction observation for 3,500 LF of 20" DIP Reclaimed Water Main along Lyons Road. Included in the design were two (2) – 400 LF segments of 20" HDPE HDD under canals. The proposed reclaimed water main pipe will greatly extend the service area for Palm Beach County Water Utilities, which includes several large agricultural users and a K-12 charter school.

8" Potable Water Main HDD, Town of Hillsboro Beach, Florida. Thompson & Associates were retained to complete the design, permitting and construction observation for over 2,000 LF of 8" HDPE Potable Water Main within the property of the Hillsboro Club. The proposed potable water main pipe replaced an aging ductile iron pipe and increased the flow capacity and fire protection for the private property's infrastructure.

Florida Turnpike HDD Utility Crossing Peer Review, City of Lauderhill, Florida. Horizontal Directional Drill (HDD) included the replacement of an existing 48" potable water main and 36" sanitary sewer force main that ran across Florida Turnpike in order to serve the City's service area. An engineering peer review was conducted of the project design and comments were generated for the City's engineering consultant to consider.

12" Sanitary Sewer Force Main Extension, Palm Beach County, Florida. Thompson & Associates were retained to complete the design, permitting and construction observation for 2,800 LF of 12" DIP Sanitary Sewer Force Main along Military Trail. The proposed sanitary sewer force main pipe will extend the service area for Palm Beach County Water Utilities, which includes commercial properties and a K-8 charter school.

12" Potable Water Main Extension with Aerial Canal Crossing, Village of Wellington, Florida. Thompson & Associates were retained to complete the design, permitting and construction observation for 1,400 LF of 12" DIP Potable Water Main extension across the Lake Worth Drainage District L-10 Canal. The proposed pipe created a much needed connection between two (2) isolated regions near the edge of the Palm Beach County Water Utilities service area.

10" Potable Water Main Extension, City of Orlando, Florida. Thompson & Associates were retained to complete the design, permitting and construction observation for 1,400 LF of 10" DIP Potable Water Main along a private access road. The proposed potable water main pipe will serve a private master planned development which includes retail, commercial, offices, and a charter school.

North Andrews Gardens Neighborhood Improvement Project (NAGNIP), Broward County, Florida. Services provided for this 730-acre community included design permitting and construction administration of eight (8) bid packages for the project with an estimated \$120 million construction budget. Specific tasks included: Basis of design report (BODR); modeling and design of the water distribution system, sanitary sewer transmission system and stormwater system; value engineering sessions; construction/contract administration; public relations and information campaign; Home Owner Association meeting presentations; permitting of all associated design work with various jurisdictional agencies; Preparation of bidding documents; landscaping and entry sign features; and ***assisted Broward County in obtaining approval for \$1.67 million of grant money from FEMA for drainage improvements within the project.***

60" HDPE Water Main Replacement, City of Plantation, Florida. The design included a new 210' - 60" High-density polyethylene (HDPE) water main to replace an existing cement lined steel pipe that was used to convey permeate from the membrane effluent to the air strippers at the Central Water Treatment Plant. The project was designed to eliminate the need for a water treatment plant shut and service outage.

SHAHIN HEKMAT, P.E., VICE PRESIDENT

EDUCATION:

Bachelor of Science, Civil Engineering, University of Miami
FES/FICE Florida Engineering Leadership Institute

REGISTRATIONS:

Registered PE, Florida #49941
EPA/FDEP NPDES Inspector
FDOT Advance Work Zone Traffic Control Certification

CERTIFICATIONS:

Integrity Selling
PSMJ Project Management Boot Camp
Dale Carnegie
Environmental Permitting Summer School
Storm water Management Design
FDEP NPDES Design
AICPR Hands-on Training

AFFILIATIONS:

FES/FICE Member
FICE CELC South Region Representative
FICE Water Resources Committee Member
FICE Transportation Committee Member
FICE Members Service Committee Member
University of Miami, College of Engineering Alumni Association
University of Miami, College of Architectural, Environmental and Civil Engineering (AEC) Industry Advisory Board

CONTACT INFORMATION:

PO Box 22398
Fort Lauderdale, FL 33335
Mob (954) 683-9718
shah@thompson-inc.com

SUMMARY

Mr. Hekmat has over 26 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 storm water management and drainage design, with concentration on watershed analysis and preparation of Storm Water Facility Reports and Master Plans. 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. Mr. Hekmat project philosophy and approach is based on collaboration amongst the client and the project team. He believes only through collaboration and communication can the needs of the client be met.

EXPERIENCE

Everglades Preparatory Academy, City of Homestead, Florida. Thompson & Associates were retained to provide Civil Engineering Services for the Charter School that was constructed in two phases. Phase 1 consisted of a two-story building encompassing approximately 52,500 square feet for students in grades six to eleven. As the engineer-of-record for the project T&A completed a due diligence report, preliminary design, final design, permitting, bidding assistance, and construction inspection services. Prepared the final design packages including paving; grading; drainage collection systems; water distribution system; wastewater collection system and lift station; signage; pavement marking; and erosion and sediment control plans. Potable water distribution consisted of a looped system with 1050 LF of 8" DIP and 1750 LF of 12" DIP main around the main structure, with two points of connection (tapping sleeve and valve) to the south to an existing 12" DIP on Mowry Boulevard, as well as fire and service laterals, fire hydrant locations, and stub-outs for future use. The sanitary sewer collection system was designed to City of Homestead minimum standard including two manholes and 400 LF on 8" PVC line and associated laterals. The proposed private lift station is designed for 30 gallons per minute (GPM) at a Total Dynamic Dead (TDH) 2 feet and discharging to an existing manhole. The triplex on-site 1-hp pumps was utilize with a 4.5" line of 2"



SDR 11 HDPE force main in order to discharge the wastewater. Permitting was completed through City of Homestead, MDC WASD, MDC Fire Department, MDC Permitting, Environment and Regulatory Affairs Department, FDEP, and MDC Health Department.

Trails Charter School, Palm Beach County, Florida. Thompson & Associates were retained to provide Civil Engineering Services for the design the private charter school approved for 1,240 students, located on 7.5-acre parcel near Hypoluxo Road and Military Trail in unincorporated Palm Beach County. The amenities for this K-8 charter school include an all-purpose field, cover playground, and secured bicycle storage. As part of the site development, a signalized intersection was created, parking lot improvement to an adjacent property, almost ½ mile of 12" force main, as well as right turn lane and left turn lane additions. As the engineer-of-record for the project T&A completed a due diligence report, preliminary design, final design, permitting, bidding assistance, and construction inspection services. Prepared the final design packages including paving; grading; drainage collection systems; water distribution system; wastewater collection system and lift station; signage; pavement marking; and erosion and sediment control plans. Potable water distribution consisted of a looped system with 2125 LF of 8" PVC main around the school structure, connecting (tapping sleeve and valve) to the an existing 8" main on South Military Boulevard, as well fire and service laterals and fire hydrant locations. Approximately 1550 lf of 12" DIP force main was also extended north from Hypoluxo Road to the northern property line along the west side of South Military Drive with stub-out for properties adjacent to the right-of-way. The proposed private lift station is designed for 50 gallons per minute (GPM) at a Total Dynamic Dead (TDH) 105 feet and a pressure head of 92 feet at the 12-inch force main. the duplex on-site 10-hp pumps was utilize with a 650 linear feet of 3" SDR 11 HDPE force main in order to discharge the wastewater. Permitting was completed through PBC Water Utilities Department, PBC Health Department, and PBC Fire Marshall, PBC land Development and Engineering division, SFWMD, and LWDD.

Wellington Charter School and Daycare Facility, Village of Wellington, Florida. The private charter school is approved for 1,500 students and is situated on 8.0 acres on State Road 7 in the Village of Wellington, Florida. The amenities for this K-8 charter school include an all-purpose field, cover playground, and secured bicycle storage. As part of the site development, a bridge and aerial water main crossing over a canal, road improvement to an adjacent property, as well as right turn lane and left turn lane additions. Thompson & Associates was the engineer-of-record for the project and completed a due diligence report, preliminary design, final design, permitting, bidding assistance, and construction inspection services. Potable water distribution consisted of a looped system with 900 LF of 8" PVC and 1600 LF of 12" PVC main around the two structures, connecting to the north over an existing canal (Aerial Crossing) and to the south to an existing stub out, as well fire and service laterals and fire hydrant locations. The sanitary sewer collection system was designed to Palm Beach County Water Utilities Department minimum standard including seven manholes and 1250 LF on 8" PVC line and associated laterals. Permitting was completed through LWDD, PBC Water Utilities Department, PBC Health Department, and PBC Fire Marshall.

Goldenrod Charter School, City of Orlando, Florida. The private charter school is approved for 1,415 students and is situated on 4.2 acres near Orlando International Airport. The amenities for this K-8 charter school include an all-purpose field, soccer field, cover playground, secured bicycle storage, and covered drop-off and pick-up area. As part of a greater master planned property, the design had to be completed with future phases of the development in mind. Thompson & Associates was the engineer-of-record for the project and completed a due diligence report, preliminary design, final design, permitting, bidding assistance, and construction inspection services. Potable water distribution consisted of a looped fire system with 1325 LF of 10" C-900 DR 18 and 200 LF of 6" C-900 DR 18 fire and service laterals, fire hydrant locations, and stub-outs for future connection. The sanitary sewer collection system was designed to City of Orlando minimum standard including 275 LF on 4" PVC service laterals. Permitting was completed through City of Orlando, Orlando Utilities Commission, Florida Department of Environmental Protection, and Orange County Health Department.

Increment III Water Main, Force Main, and Lift Stations, Indian Trace Community Development District, City of Weston, Florida. Projects included the design of a combined total of 35,000 LF of water main, 25,000 LF of force main, and sanitary sewer lift stations, permitting, bid and recommendation of award, construction management and project close-out.

EDUCATION:

Associates Degree, Mechanical Engineering, Vermont Technical College

REGISTRATIONS:

National Society of Professional Surveyors, NSPS, CST Level 1

CTQP, Asphalt Paving Technician Level 1

Affiliations:

City of Plantation, Volunteer Firefighters' Retirement Board, Appointed 2016

City of Plantation, Planning & Zoning Board, Appointed 2011 - 2016

Smart Growth Partnership, Advisory Council

Town of Davie Economic Development Council, Past Board Member

Rebuilding Together of Broward County, Past Board Member

Contact Information:

412 SE 18th Street

Fort Lauderdale, FL 33316

Tel: 954-761-1073

darren@thompson-inc.com

SUMMARY

Mr. Badore has over 20 years of experience providing Project Management and design services for development projects for public and private clients in Broward and Miami-Dade County. He has experience working in Miami Beach, North Miami Beach, Hallandale Beach, Town of Davie, Pembroke Pines, Cooper City, Plantation, Coconut Creek, Pompano Beach, Oakland Park and Broward County. Various scope items included gravity sewer system planning and design, lift station design and rehabilitation, force main planning and design, pavement condition assessments, various aviation related projects, FEMA grants, value engineering, infrastructure valuation studies, peer review reports, land planning, platting, parcel dedications, permitting, geotechnical testing, construction inspection and contract administration for private and municipal clients. His extensive private experience varies from large land development projects of over 500 acres to small commercial parcels of less than one acre. Mr. Badore's County experience includes fourteen (14) large phased neighborhood redevelopment projects and various new municipal projects. Mr. Badore has dedicated countless volunteer hours to serve the communities that he lives in such as serving as President of his Homeowners Association and serving as President of the Jacaranda at Central Park Master Association as well as working as a volunteer for Habitat for Humanity and Rebuilding Together of Broward County. Lately he has been serving on the City of Plantation's Planning & Zoning Board. Mr. Badore has been serving on the Board since 2011.

EXPERIENCE

North County Bid Package No. 12 Reclaimed Water Distribution and Transmission Main, Broward County, Florida. This project included the installation of a reclaimed water distribution system within the existing neighborhood to provide irrigation to each property. [*A transmission main was installed and connected to the City of Pompano Beach's Oasis Reuse Plant.*](#) The 24" Reclaimed Water Transmission Main, approximately 3 miles in length, was installed across FDOT R/W as well as within City of Pompano Beach Cresthaven Neighborhood and provided a connection to the north of Bid Package No. 12 to serve the area within Bid Package No. 9 thru 11. Services provided for this included design, permitting and construction administration.

North County Reclaimed Water Master Plan, Broward County, Florida. The Master Plan included the modeling of a Reclaimed Water System including the [*Reclaimed Water Transmission Main*](#) to serve the North County Neighborhood north of Sample Road and east of Federal Highway. Included in the modeling was the potential of providing Reclaimed Water to Lighthouse Point. Reclaimed water is provided via the City of Pompano Beach Oasis Reuse Plant. The owner of the system is Broward County Water & Wastewater Services. Since Reclaimed Water for Residential Customers was new to Broward County Water and Wastewater Services,



new standard details were developed and provided during the Master Plan. This Reclaimed Water Master Plan was the first of its kind for Broward County.

North Andrews Gardens – Bid Package No. 9, Broward County, Florida. This unique project included the installation of 4,800 LF of 20" DIP Force Main connecting the 730-acre neighborhood to the Palmdale Master Pump Station. Within the neighborhood were six (6) new pump station manifold together with a connection point for future discharge to the master pump station. The Force Main installation required night work within a FDOT Right-of-Way, work beneath an I-95 bridge crossing Cypress Creek Road and coordination with the City of Oakland Park, City of Fort Lauderdale, Broward County and FDOT. The project also included the installation of 2,000 LF of 20" DIP Water Main. Services provided during this project included design, permitting and owners representative services during construction. The owner of the system is Broward County Water & Wastewater Services.

Town of Davie Water Treatment & Reclamation Facility, Davie, Florida. The Reclamation Facility includes a 6 MGD reverse osmosis water treatment plant and 3.5 MGD wastewater reclamation plant. Services included were civil design plans for the raw water transmission mains associated with the 5 Floridian aquifer supply wells, including design for each well head slab and associated grading. Underground duct banks were installed to bring power and control to each of the wells. The civil design plans included the location, details and associated specifications for the installation of these underground duct banks as well as the required access structures. A total of 4,800 linear feet of 24" transmission main and duct bank was installed. Permitting coordination included Town of Davie, Central Broward Water Control District, Florida Department of Environmental Protection, Broward County Health Department and University of Florida.

North Andrews Gardens Neighborhood Improvement Project (NAGNIP), Broward County, Florida. Services provided for this 730-acre community included design, permitting and construction administration of nine (9) bid packages for the complete redevelopment of the neighborhood infrastructure with an estimated \$90 million construction budget. This included 21,000 LF of large diameter mains. Specific tasks included: Basis of design report (BODR); modeling and design of the water distribution system, sanitary sewer transmission system and storm water system; paving & drainage design; signing & marking plans; landscape and entry sign design; value engineering sessions; construction/contract administration; public relations and information campaign; Homeowner Association meeting presentations; permitting of all associated design work with various jurisdictional agencies; Preparation of bidding documents; landscaping and entry sign features; and **assisted Broward County in obtaining approval for \$4 million of grant money from FEMA for drainage improvements within the project.**

North County Neighborhood Improvement Project, Broward County, Florida. This project included the complete redevelopment of all infrastructure within the 2,900-acre neighborhood. The project area spans several municipalities; City of Pompano Beach and City of Deerfield Beach. Services provided for this 2,900-acre community included design, permitting and construction administration of seven (7) bid packages for the complete redevelopment of the neighborhood infrastructure with an estimated \$60 million construction budget. This included 8,700 LF of large diameter mains. Specific tasks included: Basis of design report (BODR); modeling and design of the water distribution system, sanitary sewer transmission system and storm water system; paving & drainage design; signing & marking plans; landscape and entry sign design; value engineering sessions; construction/contract administration; public relations and information campaign; Homeowner Association meeting presentations; permitting of all associated design work with various jurisdictional agencies; Preparation of bidding documents; landscaping and entry sign features;

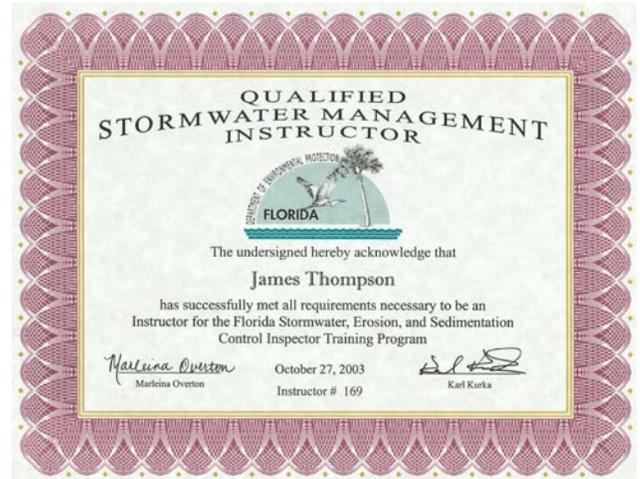
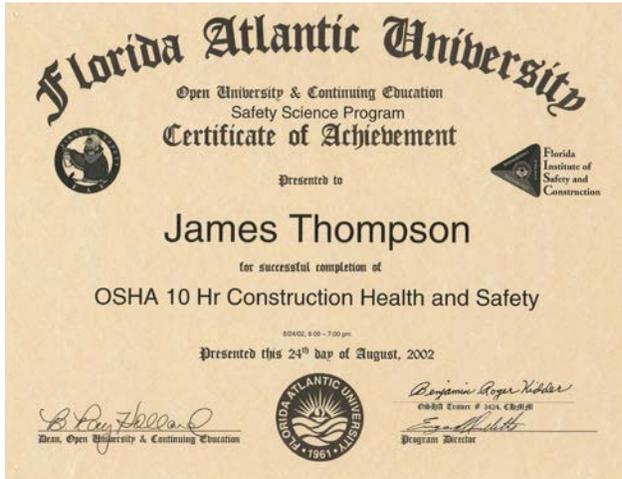
North Springs Improvement District - Due Diligence Study for Reclamation Plant Site, Parkland, Florida. A Due Diligence Study was prepared to explore the viability of a 25-acre site to be purchased by North Springs Improvement District for the development of a Wastewater Reclamation Facility. Services provided include preparation of an Environmental Site Assessment (ESA), geotechnical exploration, wetland and wildlife assessment. Project was completed on time and within budget.

Thompson & Associates CA License



James F. Thompson License and Certificates





Shahin Hekmat License and Certificates



SARAH DINNEN CHAPPELL

Education

Florida State University, Tallahassee, Florida, Bachelor of Science, May 1999, Political Science/Communication

Continued Education and Training

South Florida Water Management District UMAM 201 Training, May 2010

ISA Certified Arborist (Pending)

PADI Scuba Training 2013

Summary

In 2005, Mrs. Chappell founded The Chappell Group, Inc. a women-owned and operated, environmental consulting firm serving Broward County and the South Florida area. As a small business doing business in Broward County, The Chappell Group, Inc. provides environmental consulting services to both the public and private sectors.

Professional Experience

PRESIDENT/OWNER

APRIL 2005 – PRESENT

The Chappell Group, Inc. Pompano Beach, Florida

As President of the Chappell Group, Inc., Mrs. Chappell's responsibilities include oversight of all corporate operations, financial administration, staff management, proposal development, presentations as well as performing wetland jurisdictional determinations, environmental feasibility studies, Phase I ESA's, seagrass surveys, environmental permitting, mitigation design and monitoring, and marina design and permitting. Ms. Chappell conducts numerous seagrass surveys by scuba and snorkel, wetland delineations, mitigation monitoring, endangered and threatened species studies and associated field work on a regular basis. Ms. Chappell also processes environmental resource permitting of various projects and coordination with US Army Corps of Engineers, Florida Department of Environmental Protection, and Broward County Environmental Protection and Growth Management Department.

Partial List of Projects

- Port Everglades Turning Notch, Port Everglades
- Deerfield Beach Pier Renovation, Deerfield Beach
- Daytona Beach Marina, Daytona Beach
- Alsdorf Park, Deerfield Beach
- Dania Beach Marina, Dania Beach
- La Siesta Resort, Islamorada
- The Quay
- Southport Phase IX

Affiliations

- Leadership Broward Graduate, Class 22
- Marine Industries Association of South Florida
- Florida Association of Environmental Professionals, Member
- South Florida Association of Environmental Professionals, Member
- Broward Alliance, Past Member
- International Society of Arborists
- Friends of Birch State Park, Terramar Society Member
- Junior League of Greater Fort Lauderdale, Past Member
- Children's Diagnostic & Treatment Center, Friends Member

Professional Resume
TYLER CHAPPELL

Education

Texas Christian University- Fort Worth, Texas, Bachelor of Science, August 1997, Environmental Science

Summary

Mr. Chappell's capabilities include wetland jurisdictional determinations, environmental feasibility studies, Phase I ESA's, seagrass surveys, gopher tortoise surveys, environmental permitting, mitigation design, and mitigation monitoring. Mr. Chappell has performed a number of endangered and threatened species surveys, jurisdictional determinations, and environmental monitoring reports. He has prepared numerous Phase I ESA's and has over eighteen years of experience in many types of environmental permitting, including residential docks, marinas and coastal development.

Professional Experience:

VICE PRESIDENT

APRIL 2005 – PRESENT

The Chappell Group, Inc., Pompano Beach, Florida

Responsibilities include wetland jurisdictional determinations, environmental feasibility studies, Phase I ESA's, seagrass surveys, gopher tortoise surveys, environmental permitting with all agencies, mitigation design, and mitigation monitoring. Residential and commercial marina permitting and design including all aspects of sovereign submerged land regulations with the Division of State Lands.

DIRECTOR, ENVIRONMENTAL SERVICES

JANUARY 1998 – APRIL 2005

Craven Thompson & Associates, Inc., Fort Lauderdale, Florida

Responsibilities include wetland jurisdictional determinations, environmental feasibility studies, Phase I ESA's, seagrass surveys, gopher tortoise surveys, environmental permitting with all agencies, mitigation design, and mitigation monitoring. Residential and commercial marina permitting and design including all aspects of sovereign submerged land regulations with the Division of State Lands.

Partial List of Projects:

- Harbour Towne Marina – Dania Beach
- Sunrise Harbor Marina, Fort Lauderdale
- Port Everglades Bridge over the FPL Discharge Canal, Port Everglades
- Miramar Regional Park, Miramar
- Dania BeachPort Casino, Dania Beach
- Border Patrol Center, Hollywood, FL
- Hall of Fame Marina, Fort Lauderdale
- Fort Lauderdale Hollywood International Airport, Broward County
- Broward County Mitigation Monitoring, BC Waste & Recycling Services
- Port Everglades Turning Notch Expansion, Fort Lauderdale, FL
- Dania Beach Marina, Dania Beach, FL

Certifications:

- ISA Certified Arborist

Affiliations:

- South Florida Association of Environmental Professionals, Past President
- Florida Association of Environmental Professionals, Past Board Member
- Leadership Broward Graduate, Class XIX
- Marine Industries Association of South Florida, Member
- Florida Inland Navigation District, Broward Commissioner

Education

Saint John's University- Collegeville, Minnesota, Bachelor of Arts, Biology, 2012

Summary

Mr. Zweber's capabilities include wetland jurisdictional determinations, environmental feasibility studies, Phase I ESA's, seagrass surveys, environmental permitting, mitigation design, and mitigation monitoring. Mr. Zweber has performed a number of endangered and threatened species surveys, jurisdictional determinations, and environmental monitoring reports. He has experience in many types of environmental permitting, including residential docks, marinas and coastal development. Mr. Zweber also serves as compliance inspector, providing construction observation and oversight for regulatory permit compliance.

Professional Experience

SENIOR PROJECT BIOLOGIST/COMPLIANCE INSPECTOR OCTOBER 2013 – PRESENT
The Chappell Group, Inc. Pompano Beach, Florida

Responsibilities include wetland jurisdictional determinations, environmental feasibility studies, Phase I ESA's, seagrass surveys, environmental permitting with all agencies, mitigation design, and mitigation monitoring. Residential and commercial marina permitting and design including all aspects of sovereign submerged land regulations with the Division of State Lands.

MARINE SCIENCE INSTRUCTOR SEPTEMBER 2012 – MAY 2013
Newfound Harbor Marine Institute at Seacamp, Big Pine Key, Florida

Responsibilities included educating middle school and high school students on the subtropical marine ecosystems of the Florida Keys, coordinating with teachers to determine program logistics and schools' schedules, operating a 26 foot United States Coast Guard designated Oceanographic Research Vessel to take students on snorkeling trips.

NORTH PACIFIC GROUND FISH OBSERVER JUNE 2012 – SEPTEMBER 2012
TechSea International Inc. Seattle, Washington

Responsibilities included collecting species composition data of fish caught by commercial fishing vessels in the Bering Sea, coordinating with the National Marine Fisheries Service to ensure fisheries regulations were enforced, collecting scales, lengths, and otoliths of fish caught to determine age, recording mammalian and bird sightings and interactions.

Partial List of Projects

- Port Everglades Turning Notch Expansion, Port Everglades, FL
- Markham Park, Broward County
- Dania Beach Marina, Dania Beach, FL
- The Oceanage, Fort Lauderdale, FL
- Cooper City Soccer Park, Cooper City

Affiliations:

- South Florida Association of Environmental Professionals, Member

Certifications:

- PADI Open Water SCUBA
- HAZWOPER Certification
- FDEP Stormwater Management Inspector

KATHRYN BONGARZONE

Education

Averett University, Danville Virginia 2007-2010

B.S. Environmental Science, minor Political Science, Magna Cum Lade

Summary

Ms. Bongarzone's capabilities include wetland jurisdictional determinations, environmental feasibility studies, Phase I ESA's, seagrass surveys, environmental permitting, mitigation design, and mitigation monitoring. Ms. Bongarzone has experience with endangered and threatened species surveys, jurisdictional determinations, and environmental monitoring reports. As a member of *The Chappell Group, Inc.*'s team, Ms. Bongarzone is handling environmental permitting, including residential docks, marinas and coastal development projects.

Professional Experience

SENIOR PROJECT BIOLOGIST

MAY 2014 – PRESENT

The Chappell Group, Inc., Pompano Beach, Florida

Responsibilities include wetland jurisdictional determinations, environmental feasibility studies, Phase I ESA's, seagrass surveys, environmental permitting with all agencies, mitigation design, and mitigation monitoring. Residential and commercial marina permitting and design including all aspects of sovereign submerged land regulations with the Division of State Lands.

HEAD UNIT LEADER/INSTRUCTOR

SEPTEMBER 2012- APRIL 2014

Newfound Harbor Marine Institute at Seacamp Association

- Teach students through lecture, laboratory and field lessons in interpretive tropical marine science both on land and on water
- Captain a 26 ft. USCG designated research vessel, act as an ARC life guard, NAUI skin diving leader, and participate in hospitality services necessary to a residential facility
- Work directly with teachers to coordinate their trip for up to 120 students, including logistics, custom scheduling and lesson plans to fit the needs of each school

Partial List of Projects

- Port Everglades Turning Notch Expansion, Port Everglades
- Dania Beach Marina, Dania Beach
- Yachts Miami Boat show, Miami Beach
- Bahia Mar, City of Fort Lauderdale
- Sunrise Parks, City of Sunrise
- Cooper City Soccer Park, Cooper City
- Alsdorf Park, Pompano Beach
- Private client, single family home dock design and permitting

Affiliations

- South Florida Association of Environmental Professionals, Member

Certifications

- USCG OUVF Licensed Captain with Towing Endorsement
- ARC Lifeguard, First Aid and CPR certified
- ARC Lifeguard, First Aid and CPR Instructor
- PADI Open water SCUBA certified

Professional Resume
SARA GUTEKUNST

Education

University of Miami, Coral Gables, Florida, 2009-2013

B.S. Marine and Atmospheric Science, Majors in Marine Science and Biology, Minor in Chemistry

Summary

Ms. Gutekunst's capabilities include wetland jurisdictional determinations, environmental feasibility studies, Phase I ESA's, seagrass surveys, environmental permitting, mitigation design, and mitigation monitoring. Ms. Gutekunst has experience with endangered and threatened species surveys, jurisdictional determinations, and environmental monitoring reports. As a member of *The Chappell Group, Inc.*'s team, Ms. Gutekunst is handling environmental permitting, including residential docks, marinas and coastal development projects.

Professional Experience

PROJECT BIOLOGIST

JANUARY 2016 – PRESENT

The Chappell Group, Inc., Pompano Beach, Florida

Responsibilities include wetland jurisdictional determinations, environmental feasibility studies, Phase I ESA's, seagrass surveys, environmental permitting with all agencies, mitigation design, and mitigation monitoring. Residential and commercial marina permitting and design including all aspects of sovereign submerged land regulations with the Division of State Lands.

MARINE SCIENCE AND SAILING INSTRUCTOR

OCTOBER 2013 – OCTOBER 2014

Newfound Harbor Marine Institute at Seacamp Association, Inc., Big Pine Key, Florida

Designed and taught interactive and immersive marine science classes to educate students, parents and teachers about the importance of conserving marine ecosystems. Gained management experience as a coordinator of staff for school groups as large as 180 participants. Operated a 26 ft. USCG designated research vessel, acted as an ARC life guard, NAUI skin diving leader and NAUI rescue SCUBA diver. Acted as a liaison between Seacamp Association, Inc. and visiting institutions before and during their stay.

UNDERGRADUATE RESEARCH ASSISTANT

JANUARY 2010 – MAY 2013

University of Miami, Coral Gables, Florida

Conducted molecular research on the connectivity of crustacean populations in the Florida Keys to understand gene flow and support conservation of marine environments. Examined the speciation of anemone-associated snapping shrimps to understand its implications on conservation of biodiversity. Used common molecular techniques such as PCR, gel electrophoresis and DNA extractions to contribute to collaborative research projects.

Partial List of Projects

- Beach Renourishment Segment II, Broward County
- Port Everglades Turning Notch Expansion, Port Everglades
- Heron Bay Development, Parkland, Florida
- Private client, single family home dock design and permitting

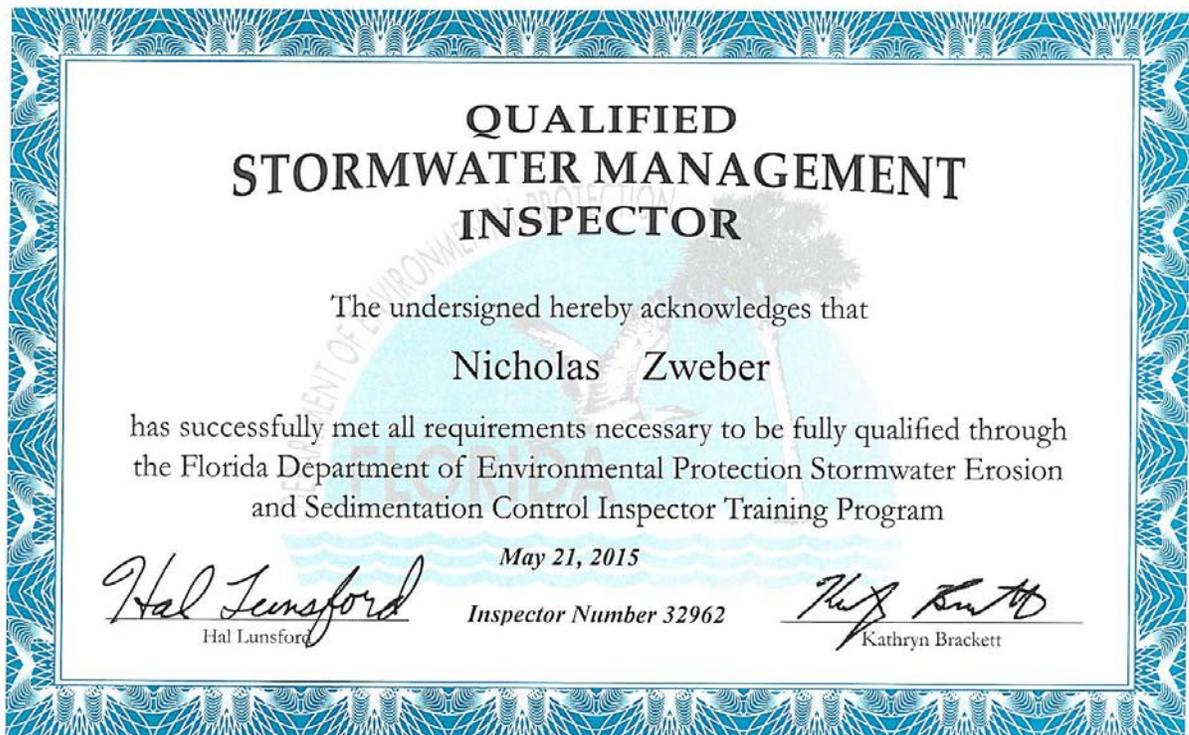
Certifications

- SSI Open Water SCUBA
- NAUI Rescue Diver
- ARC First Aid, CPR, AED and Oxygen

Tyler Chappell Certified Arborist Certificate



Nicholas Zweber Qualified Stormwater Management Inspector Certificate





B. PROJECT MANAGER’S EXPERIENCE

Man-Con, Inc. has purposely selected to pursue this project due to the qualifications and relevant experience of the firm and our staff. Our staff has an average of 30 years of experience working on projects in southeast Florida specializing in these types of utility projects. As can be seen below our Project Manager is experienced and will be the staff member leading the efforts on behalf of our team. Michael will be involved in the day to day efforts. When the City calls, we guarantee that Michael will answer and is dedicated to the City throughout the life of this project.

i. Project Manager

Michael F. Iacobelli will serve as the project manager for the Man-Con team. He has a Bachelor of Science Degree in Construction Engineering and 43 years of experience in the utility construction industry, most of which has been in Southeast Florida. Mr. Iacobelli has served as Project Manager for all of Man-Con, Inc. projects since his first employment by the firm in July 2000, well exceeding the minimum of three (3) projects as required in the Solicitation.

Mr. Iacobelli is credited with being the Project Manager on all nine (9) WaterWorks 2011 projects for the City, the Dixie Wellfield for the City, all eight (8) Broward County Neighborhood Improvement projects and the Hollywood Design-Build Project performed by our firm in 2011.

ii. Relevant Project Experience

PROJECT NAME: North Central County Neighborhood Improvements Project, Bid Package No. 4
PROJECT LOCATION: West Ken Lark South
MAN CON JOB NO.: 293

PROJECT NAME: Lift Station E-2 and E-3 Piping Replacement
PROJECT LOCATION: Intracoastal Waterway
MAN CON JOB NO.: 296

PROJECT NAME: Reclaimed Water Main Project
PROJECT LOCATION: Sabal Pines Park
MAN CON JOB NO.: 301

For additional project details, reference Section 3, C Sample Projects.



Michael Iacobelli
Design-Build Project Manager

Experience:

July 2000 to Present | **MAN-CON, INCORPORATED** - *Senior Project Manager, Senior Estimator*

Responsible for work procurement including negotiated and municipal bid projects. Lead management team on all Florida projects. Actively manage project administration, negotiate and manage subcontracts, oversee scheduling and materials procurement.

Led management of \$4MM of disaster recovery related work and \$176 MM in aggregate workload since 2000.

1998 to 2000 | **FELIX EQUITIES, INC.** - **Project Manager**

Led management team for construction of \$19.9 MM Concourse "A" Apron and Utility Corridor project at Miami International Airport. Project included installation of jet fuel pipelines, water mains, sewage force mains, concrete encased electrical communication duct banks, and paving of airport grounds.

Developed Schedule Logic and overlooked preparation of cost and resource loaded Primavera Scheduling.

Negotiated and managed subcontracts for major work components including jet fuel system, electrical, structural, micro-tunneling, environmental impact management, and paving.

Strengthened relationships with Miami-Dade Aviation Department (Owner), URS Greiner Woodward Clyde (A/E), and Dade Aviation Consultants (Construction Manager for MDAD).

Managed minority participation mandated by contract at 22% of total work value.

1994 to 1998 | **COASTAL UTILITIES** - **Secretary/ Treasurer**

Partner in corporation. Work included installing water, sewer, drainage, and road projects, serving municipalities and private developers. Merged Michigan with Florida operations to expand operations in the south Florida market. Completed projects exceeding \$20 million for clients including Broward County Office of Environmental Services, Miami-Dade Water and Sewer Authority, City of Pembroke Pines, and others.

1986 to 1994 | **IACOBELLI UNDERGROUND CONTR. CORP.** - **President**



Initiated small utility construction company specializing in deep, open cut construction and installations. Expanded operations from Michigan to Florida with major customers including Broward County Office of Environmental Services, City of Sunrise, North Lauderdale, Fort Lauderdale, Town of Ocean Ridge, and Macomb County, Michigan.

1980 to 1986

IACOBELLI CONSTRUCTION – Vice President

Joined family business after college. Managed municipal construction projects in Michigan, Florida, New York, and the Bahamas. Primary projects included site and utility construction, and ancillary work required to restore developed areas such as paving, landscaping, and flatwork.

1973 to 1980

IACOBELLI CONSTRUCTION – Foreman / Superintendent

Worked on multiple sewer, water, drainage, and road building projects in Florida and Michigan. Gained experience in all aspects of construction from project start-up through final restoration.

Education:

1981- BS in Construction Engineering at Lawrence Technological University

Client Reference:

Project: Broward County Neighborhood Improvement Program

Duration: June 2009 to July 2011

Senior Project Manager

Broward County WWS

Contact: Pat MacGregor (954) 831-0904

C. SAMPLE PROJECTS

i. Man-Con, Inc.

PROJECT NAME: North Central County Neighborhood Improvements Project, Bid Package No. 4
PROJECT LOCATION: West Ken Lark South
MAN CON JOB NO.: 293

OWNER: Broward County Water & Wastewater Services
CONTACT: Pat MacGregor
ADDRESS: 2555 West Copans Road, Pompano Beach, FL 33069
PHONE NO.: (954) 831-0904
FAX NO.: (954) 831-0925
EMAIL: pamacgregor@broward.org

PROJECT START DATE: July 20, 2009
PROJECT END DATE: August 16, 2011
CONTRACT DURATION: 757 total days
SCHEDULE COMPLIANCE: Yes

ORIGINAL BUDGET: \$ 8,940,029.45
FINAL COST: \$ 9,023,261.67
BUDGET COMPLIANCE: Yes, Increased work ordered by County

PROJECT DESCRIPTION:

This project was constructed on behalf of Broward County Board of Commissioners within their ongoing Neighborhood Improvement Program, which was established in 1995 to upgrade infrastructure and eliminate blight in unincorporated County neighborhoods. Man Con, Inc. has constructed over \$72 Million of this work since the year 2000.

Features of this project included 880 LF of 16" diameter horizontal directional drilled HDPE Pipe under Sunrise Blvd. near the Swap Shop. Sanitary Sewer Replacement with connection of existing residences to new system, drainage pipe and structures, slip-lining of existing drain pipe, new water mains, grout, abandonment of existing water main, connection of houses to new water main, force mains, lift station, demolition of concrete and pavement, installation of new concrete sidewalk, Type "F" curbs, driveways, construction of new roadway subgrade, base and asphalt pavement. Signage and pavement markings.

Tree re-location, New trees and landscape features, swale sodding and irrigation.

This was a Unit Price contract.

KEY PROJECT PERSONNEL Michael F. Iacobelli, Project Manager
Jeffrey J. Mancini, General Superintendent
Kevin Rutherford, Project Superintendent



PROJECT NAME: Lift Station E-2 and E-3 Piping Replacement
PROJECT LOCATION: Intracoastal Waterway
MAN CON JOB NO.: 296

OWNER: City of Hollywood, Public Works Department
CONTACT: Feng Jeff Jaing, P.E.
ADDRESS: Engineering & Construction Services Division
P.O. Box 229045, Hollywood, FL 330022-9045
PHONE NO.: (954) 921-3258
FAX NO.: (954) 921-3937
EMAIL: fjiang@hollywood.org

PROJECT START DATE: July 20, 2009
PROJECT END DATE: August 2011
CONTRACT DURATION: 365 total days
SCHEDULE COMPLIANCE: Yes

ORIGINAL BUDGET: \$ 4,915,204.00
FINAL COST: \$ 4,915,204.00
BUDGET COMPLIANCE: Yes

PROJECT DESCRIPTION:

This was a design-build project which our firm was awarded based upon an evaluation process, wherein written and verbal presentations were made by several contractors. The project involved replacement of the existing water and force mains at two locations across the Intracoastal Waterway. A total of four (4) 18" diameter HDPE force mains and two (2) 18" diameter water mains were constructed by directional drill under the ICW at two (2) locations. The replacement also requires connection to existing facilities at both ends of the directional drill locations, including two (2) open-cut connection crossings within the FDOT right-of-way on State Road A1A, coordination of all FM/WM shut downs, restoration, permitting, environmental monitoring, and abandonment and preservation of existing facilities crossing the ICW for the City's use either as redundancy or leasing to outside utility authorities.

Man Con, Inc. hired the engineering firm of Craven Thompson & Associates, Inc. (CTA) of Fort Lauderdale to design the project and acquire all necessary permitting, and retained the services of Utility Services Authority (USA) of Port St. Lucie to install the six (6) sub-aqueous crossings of the Intracoastal Waterway. Each directional drill crossing consists of approximately 1000 lineal feet of 18" HDPE pipe.

This was a GMP contract.

KEY PROJECT PERSONNEL Michael F. Iacobelli, Project Manager
Jeffrey J. Mancini, General Superintendent
Kevin Rutherford, Project Superintendent



PROJECT NAME: Reclaimed Water Main Project
PROJECT LOCATION: Sabal Pines Park
MAN CON JOB NO.: 301

OWNER: City of Coconut Creek
CONTACT: Carlos Nuesa
ADDRESS: 4800 West Copans Road, Coconut Creek, Florida 33063
PHONE NO.: (954) 956-1545
FAX NO.: (954) 954-973-6754
EMAIL: cnuesa@coconutcreek.net

PROJECT START DATE: March 19, 2012
PROJECT END DATE: August 15, 2012
CONTRACT DURATION: 150 total days
SCHEDULE COMPLIANCE: Yes

ORIGINAL BUDGET: \$ 210,461.00
FINAL COST: \$ 194,953.30
BUDGET COMPLIANCE: Yes

PROJECT DESCRIPTION:

Furnished and installed 475 LF of 16" HDPE reclaimed water pipe.
Furnished and installed 455 LF of 16" PVC reclaimed water main (directional drill) Sod restoration
Concrete Sidewalk removal and restoration
Furnished and installed reclaimed water main tie in connection 16" connection.

KEY PROJECT PERSONNEL Michael F. Iacobelli, Project Manager
Jeffrey J. Mancini, General Superintendent
Kevin Rutherford, Project Superintendent



ii. Strata Underground

PROJECT NAME: Water Line and Gas Line Extension Project # E10172
PROJECT LOCATION: Padre Island, Texas
STRATA JOB NO.: H248

OWNER: The City of Corpus Christi
CONTACT: Brandi B Karl, P.E.
ADDRESS: 2725 Swantner, Corpus Christi, Texas
PHONE NO.: (361) 854-3101
FAX NO.: (361) 729-7933
EMAIL: brandib@urbaneng.com

PROJECT START DATE: June 2015
PROJECT END DATE: July 2015
CONTRACT DURATION: 90 total days
SCHEDULE COMPLIANCE: Yes

ORIGINAL BUDGET: \$ 2,183,242.00
FINAL COST: N/A
BUDGET COMPLIANCE: Yes

PROJECT DESCRIPTION:

Island water line and gas line extension project consisted of horizontal directional drilling 1000 linear feet of 18" DR18 FPVC, 1000 linear feet of 8" steel gas line, 1000 linear feet of 4" DR18 FPVC, 505 linear feet of 8" steel gas line, 165 linear feet of 8" steel gas line, 105 linear feet of 8" steel gas line, 105 linear feet of 18" FPVC, and 105 linear feet of 4" FPVC



PROJECT NAME: City Wide Water Distribution System Repair and Replacement
PROJECT LOCATION: Corpus Christi, Texas
STRATA JOB NO.: H249

OWNER: The City of Corpus Christi
CONTACT: Brandi B Karl, P.E.
ADDRESS: 2725 Swantner, Corpus Christi, Texas
PHONE NO.: (361) 854-3101
FAX NO.: (361) 729-7933
EMAIL: brandib@urbaneng.com

PROJECT START DATE: June 2015
PROJECT END DATE: July 2015
CONTRACT DURATION: 90 total days
SCHEDULE COMPLIANCE: Yes

ORIGINAL BUDGET: \$ 2,183,242.00
FINAL COST: N/A
BUDGET COMPLIANCE: Yes

PROJECT DESCRIPTION:

The city wide water distribution system repair and replacement - (IDIQ) procurement consisted of 1200 linear feet of 8" DR18 FPVC, and 1095 linear feet of 8" DR18 FPVC by horizontal directional drilling method at the Corpus Christi Marina which is replacing existing pipeline from the 1930's, also performed the hydro-excavating, surveying and handling of the FPVC pipe.



PROJECT NAME: City Wide Water Distribution System Repair and Replacement
PROJECT LOCATION: Corpus Christi, Texas
STRATA JOB NO.: H266

OWNER: The City of Corpus Christi
CONTACT: Brandi B Karl, P.E.
ADDRESS: 2725 Swantner, Corpus Christi, Texas
PHONE NO.: (361) 854-3101
FAX NO.: (361) 729-7933
EMAIL: brandib@urbaneng.com

PROJECT START DATE: November 2015
PROJECT END DATE: December 2015
CONTRACT DURATION: 14 total days
SCHEDULE COMPLIANCE: Yes

ORIGINAL BUDGET: \$ 418,000.00
FINAL COST: N/A
BUDGET COMPLIANCE: Yes

PROJECT DESCRIPTION:

In order to increase water pressure and flow on the north side of SPID at ENNIS Joslin, the city had requested that Strata prepare a design to connect the 12" water main on the south side of SPID to the 16" water main on the north side of SPID. Due to the physical location of the proposed crossing, the most economical method to install the new 16" water main was by horizontal directional drilling (HDD). The state of Texas Department of Transportation also required that the distribution and the transmission mains be encased in a steel casing when crossing their right-of-way. The proposed design included the installation of approximately 830 linear feet of 16" C905 DR18 fusible PVC pipe inside a 24" steel casing (0.375 wall) by HDD. the depth to the top of pipe of the existing water mains at the location of the work was estimated to be approximately 3 to 4-ft deep. shoring, with a trench box was at the discretion of the contractor, but the contractor was expected to minimize the amount of disturbance during construction. Air release valves were installed at the start and termination of the HDD bores.

iii. Thompson and Associates, Inc.

PROJECT NAME: Broward County 24" Horizontal directional drill (HDD) Design/Build

PROJECT LOCATION: Fort Lauderdale, Florida

PROJECT DESCRIPTION:

Design services were provided for the horizontal directional drill of a new 24" potable water main under Broward Boulevard in the middle of State Road 7. The project had to be coordinated with the City of Fort Lauderdale, the City of Plantation, and the Florida Department of Transportation. The project was completed as part of a design alternative related to the Broadview Park Neighborhood Improvement Project by the Broward County Water and Wastewater Division.

THOMPSON & ASSOCIATES ROLE:

T&A was the engineer-of-record for the HDD design of the new 24" water main, assisted with permitting efforts, conducted construction inspection, and designed the required MOT plans for State Road 7 and Broward Boulevard. The project was completed on time and had caused very little impact to the public during construction.

PROJECT START DATE: April 2010

PROJECT END DATE: June 2010

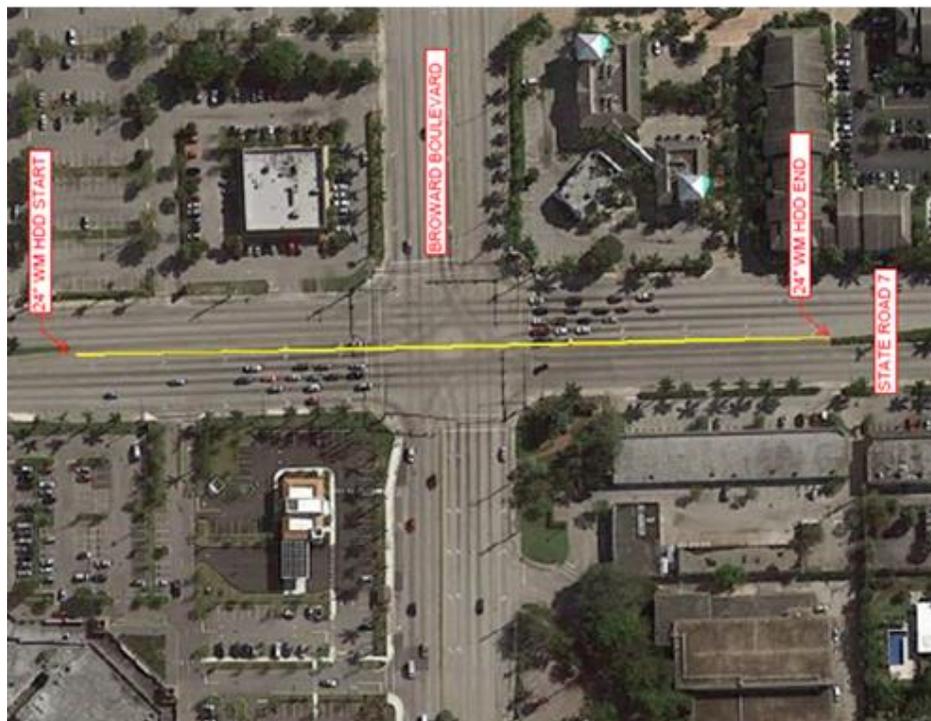
CLIENT NAME: Ric-Man International, Inc

CLIENT CONTACT: Rene L. Castillo, Sr.

ReneSr@ric-man.us

Phone No.: (954) 426-1042 Fax No.:(954) 426-0717

CLIENT ADDRESS: 2601 NW 48th Street, Pompano Beach, Florida 33073



PROJECT NAME: Trails Charter School
PROJECT LOCATION: Palm Beach County, Florida
PROJECT DESCRIPTION:

The private charter school is approved for 1,240 students and is situated on 7.5 acres near Hypoluxo Road and Military Trail in unincorporated Palm Beach County. The amenities for this K-8 charter school include an all-purpose field, cover playground, and secured bicycle storage. As part of the site development, a signalized intersection was created, parking lot improvement to an adjacent property, almost on half mile of 12" force main, as well as right turn lane and left turn lane additions.

THOMPSON & ASSOCIATES ROLE:

T&A was the engineer-of-record for the project and completed a due diligence report, preliminary design, final design, permitting, bidding assistance, and construction inspection services. Prepared the final design packages including paving; grading; drainage collection systems; water distribution system; wastewater collection system and lift station; signage; pavement marking; and erosion and sediment control plans. Potable water distribution consisted of a looped system with 2125 LF of 8" PVC main around the school structure, connecting (tapping sleeve and valve) to the an existing 8" main on South Military Boulevard, as well fire and service laterals and fire hydrant locations. Approximately 1550 lf of 12" DIP force main was also extended north from Hypoluxo Road to the northern property line along the west side of South Military Drive with stub-out for properties adjacent to the right-of-way. The proposed grinder station is designed for 50 gallons per minute (GPM) at a Total Dynamic Dead (TDH) 105 feet and a pressure head of 92 feet at the 12-inch force main. the duplex on-site 10-hp pumps was utilize with a 650 linear feet of 3" SDR 11 HDPE force main in order to discharge the wastewater. Permitting was completed through PBC Water Utilities Department, PBC Health Department, and PBC Fire Marshall, PBC land Development and Engineering division, SFWMD, and LWDD.

PROJECT START DATE: 2013
PROJECT END DATE: 2015
CLIENT NAME: MG3 Developer Group
CLIENT CONTACT: John D. Gavenas, Development Coordinator
jgavenas@mg3developer.com
Phone No.: (954) 929-5229
Fax No.: (954) 929-5226
CLIENT ADDRESS: 1915 Harrison Street, Hollywood, FL 33020



PROJECT NAME: Happy Hollow Charter School

PROJECT LOCATION: Palm Beach County, Florida

PROJECT DESCRIPTION:

The private charter school is approved for 2,435 students and is situated on 22 acres north of Atlantic Avenue and west of Florida's Turnpike in unincorporated Palm Beach County. The school will be developed as two (2) schools, a lower school for elementary grades and an upper school for middle and high school students. The amenities for this K-12 charter school include an equestrian trail, tropical fruit grove, soccer field, basketball courts, student garden and secured bicycle storage.

THOMPSON & ASSOCIATES ROLE:

T&A is the engineer-of-record for the project and completed a due diligence report, preliminary design, final design, permitting, bidding assistance, and construction inspection services. Offsite roadway improvements required for the development of the school include, widening of Lyons Road from 2 to 4 lanes divided as well as right and left turn lanes and median openings. Intersection improvements are also included at Happy Hollow Road and Lyons. The project consists of full site civil development including an onsite gravity sanitary sewer system, 4,300 LF of 4" force main and a private lift station (1,200 gpm), 4,900 LF of 8" potable water main, 3,400 LF of 16" water main extension, fire suppression system, 3,500 LF of 20" reclaimed water main, surface water management system, grading, pavement, sidewalks, pavement marking and signage, and SWPPP plans.

PROJECT START DATE: 2015

PROJECT END DATE: 2017

CLIENT NAME: MG3 Developer Group

CLIENT CONTACT: John D. Gavenas, Development Coordinator
jgavenas@mg3developer.com
Phone No.: (954) 929-5229
Fax No.: (954) 929-5226

CLIENT ADDRESS: 1915 Harrison Street, Hollywood, FL 33020



iv. The Chappell Group

PROJECT NAME: Hollywood Directional Bore
PROJECT LOCATION: City of Hollywood, Broward County
PROJECT DESCRIPTION:

This city project took place at two subsurface (2) locations beneath the Intracoastal Waterway and Holland Park to Johnson Street and Washington Street to Azalea Terrace, in the City of Hollywood. The project included the two (2) directional boring locations, with both crossings for proposed force and water mains to occur within approximately 25' of existing lines extending east from the

CHAPPELL GROUP ROLE:

The Chappell Group conducted the benthic resource surveys, processed environmental resource permits, and conducted construction observation, ensuring that no direct impacts and/or disturbances to existing submerged or upland surface waters were impacted within the crossing footprints.

SERVICES: Seagrass Survey
Environmental Assessment
Environmental Permitting

CLIENT NAME: City of Hollywood
CLIENT CONTACT: Albert Perez
CLIENT ADDRESS: 2600 Hollywood Boulevard, Hollywood, FL 33020



PROJECT NAME: Ravenswood Road Bridge Improvements

PROJECT LOCATION: Dania Beach, Broward County

PROJECT DESCRIPTION:

The improvement project is located at the intersection of Ravenswood Road and the Dania Cut-off Canal in the City of Dania Beach. The project included the replacement of an existing aerial crossing of a force main and sewer main line over the Dania Cut-off Canal. New pile caps and piles were installed next to the existing caps and piles to provide additional support at the wing walls.

CHAPPELL GROUP ROLE:

The Chappell Group, Inc. conducted a benthic survey of the Dania Cutoff canal and processed all environmental resource permits, including U.S. Coast Guard authorization.

SERVICES: Benthic Resource Survey
Permit Due Diligence
Environmental Permitting

CLIENT NAME: Broward County Water & Wastewater Services

CLIENT CONTACT: Greg Balicki
Phone No.: (954) 831-0745

CLIENT ADDRESS: 2555 W. Copans Road, Pompano, FL 33069



SECTION 4

4. PROJECT METHODOLOGY AND APPROACH

A. PROJECT SCOPE

The City of Fort Lauderdale (CITY) proposes to install one (1) subaqueous 20" nominal diameter water main and one (1) subaqueous 16" nominal diameter force main utilizing the horizontal directional drilling (HDD) method of installation. Both mains are proposed to be installed under the Intracoastal Waterway (ICW) at the east end of Las Olas Boulevard adjacent to the Las Olas Boulevard Bridge using the Design-Build contract delivery method. In addition, the existing 16" water main on the north side of the Las Olas Bridge is required to be abandoned by cutting and capping each end, east and west of the ICW. Further, piping connections are required on the land-side to connect the water and force mains.



B. PROJECT BACKGROUND

The Intracoastal Waterway Deepening Project currently being implemented by the Florida Inland Navigation District (FIND) FDEP Permit No. 06-0283683-002 is expected to perform dredging in the vicinity of the Las Olas Boulevard Bridge in late 2016. The existing 16" water main will be damaged during the dredging operations. Therefore, it is imperative that the new subaqueous 20" water main, along with the land-side connections, be installed and placed into service in advance of the dredging project.

C. SCHEDULE

Time is truly of the essence for this project. There are several factors that will affect the schedule of this project; contractor selection process, permitting and experience of HDD contractor. With the anticipated Notice to Proceed (NTP) Date of July 26, 2016 and the submittal due date of July 7, 2016 there is very little time for the contractor selection process which includes execution of the contract and award recommendation at City Commission. Any delay in July during this process will impact the



time allocated for the installation of the new water main. The MANCON team has anticipated the potential delays in the contractor selection process in our preliminary schedule. The long lead time permits are being secured by the City's consultant team leaving only (2) two permits to be obtained; Broward County Health Department (Water Main) and Broward County Domestic



Wastewater Collection/Transmission System (Force Main).

The MANCON team will utilize the following proven methods to expedite the permitting process. In doing so, the permitting critical path will be reduced by approximately 45 days:

1. Conduct a pre-application meeting with each permitting agency in order to meet personally with the permit reviewer and establish an open line of communication for expediting the permitting process. This will be completed immediately upon issuance of the NTP using the Conceptual Layouts prepared by Hazen and Sawyer/Craven Thompson.
2. We have assembled a group of experts, including The Chappell Group, Inc. and Thompson & Associates, Inc., who have successfully designed and permitted similar projects in the past. This eliminates any "learning curve" associated with unique projects of this nature.
3. The duration to obtain a permit is dependent on the quality of the Construction Documents. The MANCON team has prepared construction documents and obtained permits of this type for the last twenty (20) years and they are the experts familiar with the local permitting agency's as well as the political and physical attributes of the City and Broward County. Our team will produce a set of high quality construction documents thereby greatly reducing the amount of time it takes to obtain the required permits.

The other critical path item is related to the experience of the HDD contractor. The MANCON team has selected Strata Underground to perform the HDD. Their experience is significant, collectively with over

STRATA'S CURRENT LIST OF HDD RIGS

Our (3) largest rigs were all acquired within the last 15 months and all have <750 hours of machine time on them

American Augers DD220T		Ditch Witch JT60 All-Terrain		Ditch Witch JT60		Ditch Witch JT4020	
Year:	2014	Year:	2014	Year:	2014	Year:	2010
Max Pullback (lbs):	220,000	Max Pullback (lbs):	60,000	Max Pullback (lbs):	60,000	Max Pullback (lbs):	40,000
Max Thrust (lbs):	220,000	Max Thrust (lbs):	60,000	Max Thrust (lbs):	60,000	Max Thrust (lbs):	25,000
Max Torque (lbs/ft):	30,000	Max Torque (lbs/ft):	9,000	Max Torque (lbs/ft):	9,000	Max Torque (lbs/ft):	5,000
Length:	52' 6"	Length:	27' 6"	Length:	27' 6"	Length:	28' 1"
Width:	8' 1"	Width:	7' 3"	Width:	7' 3"	Width:	7' 3"
Height:	13' 6"	Height:	8' 3"	Height:	8' 3"	Height:	8' 0"
Weight (lbs):	61,000	Weight (lbs):	31,250	Weight (lbs):	31,250	Weight (lbs):	28,170

75 years of combined HDD experience in Municipal pipeline work in Florida.

D. ENVIRONMENTAL CONSIDERATIONS

There are several environmental considerations associated with this project that must be addressed in order to implement the design and construction methods proposed. The two (2) HDD's cross the ICW which contains seagrass beds and manatee zones. Threatened species are listed in the Florida Fish and Wildlife Conservation Commission's "Florida Wildlife Codebook Chapter 68 Section 27". Prior to design, sea grass beds must be surveyed, as well as wetlands delineated, mangroves and other trees identified and located on a tree survey. The presence of manatees must always be a consideration during the construction phase of the project. A thorough frac-out contingency plan must be completed in order to minimize the effects of an inadvertent return of drilling fluid. The plan should identify the following:

- Identify methods of rapid detection
- Have containment strategies ready to use (silt curtain, hay bales, sand bags, silt fence)
- Identify time before clean-up begins (roads and water immediately, other areas, let dry first)
- Create a list of emergency numbers and regulatory contacts
- Establish ingress and egress routes from environmentally sensitive areas
- Determine the short and long term monitoring such as NTU's

A Storm Water Pollution Prevention Plan (SWPPP) may be required. The SWPPP has four (4) elements; the narrative, the map or site plan, the construction details, and the calculations. The plan should identify the turbidity control measures, erosion control measures, and sedimentation control measures utilized on and around the construction site. The design locations, details, installation and maintenance of the NPDES control technologies or Best Management Practices (BMP) are clearly identified in the SWPPP which should eliminate erosion and sedimentation resulting from the construction activity. NPDES inspection can only be conducted by an FDEP certified Erosion and Sedimentation Control Inspector. Our team not only has several certified inspectors, but we also have an FDEP certified trainer.

E. PUBLIC RELATIONS

The proposed construction activity may impact marine vessels, adjacent residential neighborhoods, local business owners, and visitors to the area. The MANCON team has visited the site is aware of those stakeholders that may be affected and has a plan in place to minimize the impacts of the construction, such as noise, street closures and detours, temporary parking, site security and safety, site maintenance and cleanliness. An experienced community outreach coordinator is essential to a project of this nature. The MANCON team has completed several large scale neighborhood improvement projects which replaced the entire underground infrastructure in residential and commercial neighborhoods. The team has extensive experience addressing the needs of the stakeholders and therefore is very sensitive and aware of the issues and challenges encountered in a project of this nature.

F. DESIGN CONSIDERATIONS

The design of the drill path is essential. The design engineer must identify the following; obstacles, specify penetration angles (entry and exit), radius and points of curvatures, points of tangency, and

vertical depth of coverage. Obstacles in the drill path can be piles, bulkhead walls, footers for building foundations, utility poles, mast arms at intersections, and ICW hydrographic features.

There are three (3) phases of an HDD operation:

1. Drilling of the pilot hole,
2. Enlargement of the pilot hole,
3. Pull back of the pipe through the enlarged hole.



The tolerances for the drilling of the pilot hole must be identified in the design plans. A typically accepted tolerance is 10' either direction of the exit hole target location point. As such, the 20" Water Main pilot hole will be constructed from west to east due to the fact that there is a larger area on the east end for the exit pit. The exit pit location will be in the pavement area on Las Olas Circle south of the Bridge, where the accuracy of the exit hole is less critical and the space available for the pull-back procedure is more accommodating. The 16" Force Main follows the same alignment with appropriate spacing between Water and Force Main. The 16" Force Main pilot hole will also be constructed from west to east due to the fact that there is a larger area on the east end for the exit pit.

During the final phase of the HDD procedure, the pull-back, the tension anticipated on the pipe must be calculated as part of the design phase. There are four (4) basic sources of pipe tension:

1. Friction between pipe and wall of hole
 - a. A wet mucky soil will have a coefficient of 0.10,
 - b. A dry soil can have a coefficient of 0.80,
 - c. The expected soils in this area should yield a coefficient of about a 0.30.
2. Fluidic drag from viscous drilling fluid
 - a. Calculated by the surface area of the pipe times the drilling fluid drag coefficient,
 - b. Typical coefficient is 0.025 psi.
3. Effective (submerged) weight of the pipe
 - a. Calculated by subtracting the unit weight of the displaced fluid by the unit weight of the pull section,
 - b. HDPE pipe should always be filled with water to reduce friction as well as hydrostatic pressure that could collapse the pipe.
4. Friction of the pipe on the surface
 - a. The pipe should always be on rollers to protect pipe and reduce the friction.

There are eight (8) stresses to HDPE pipes that must be accounted for in the design of an HDD utility installation:

1. Installation stresses – buoyancy,
2. Tension - pulling pressure, time,
3. Bending - provided by manufacturer,
4. External pressure – collapse,

5. Post installation pressure - consider normal pressure and empty pipe,
6. Internal pressure - based on lowest point of pipe,
7. External pressure - vertical deflection,
8. Thermal – minimal.

G. PERMITTING

The proposed crossing of the utility mains under the Intracoastal Waterway will conform to the South Florida Water Management District's (SFWMD) specifications described in the document titled "Criteria Manual for Use of Works of the District". In addition to SFWMD's specifications, crossing will conform to U.S. Army Corps of Engineers (USACE) requirements described in the "Notice Utility Owners with Utilities Crossing Federal Navigation Projects". Additionally, the U.S. Coast Guard needs to be informed about any activity within the waterway before the construction begins.



According to the requirements for pipeline depth set forth by the USACE, crossing depth should be a minimum of 6 feet below project depth in soft material, and 3 feet below project depth in rock. This depth should extend 25 feet to either side of the channel or to the shoreline, whichever is nearest. SFWMD proposes subaqueous installation be a minimum of 2 feet below the canal design section, ultimate design section, or existing section, whichever produces the lowest installation. The portion of

the proposed crossing that is buried within the right-of-way and side slope must be buried a minimum of 36-inches below existing ground.

Because the criteria set forth by the USACE are more stringent than those set forth by SFWMD, the location of the utility mains under the Intracoastal Waterway will be determined by the requirements described in the USACE's "Notice to Utility Owners Crossing Federal Navigation Project".

The Joint Application for Environmental Resource Permit/Authorization to Use Sovereign Submerged Lands/Federal Dredge and Fill Permit Form 62-343.900(1) was submitted by the City's consultant team to the Florida Department of Environmental Protection (FDEP). Issuance of the FDEP and USACE joint as well as the General Environmental License with Broward County Environmental Protection and Growth Management (BCEPGMD) is required before construction commences.

An NPDES Notice of Intent (NOI), FDEP Form 62-621.300(4)(b), will be submitted to FDEP 48 hours prior to any construction activity in order to obtain a Construction General Permit (CGP), FDPE Document 62-621-300(4)(a). As required by law, rainfall events will be monitored and recorded, site inspections will be completed, inspection reports will be completed and filed on-site, and a SWPPP will be updated and maintained. Not more than 2 weeks prior to construction completion and when the site meets the



eligibility requirements for termination specified in the CGP, a Notice of Termination (NOT), FDEP Form 62-621.300(6) will be issued to FDEP alerting them to the completion of the construction activity.

In addition to these permits, the MANCON team will also complete the required permitting of the water main and force main construction through the State of Florida Department of Health, the City of Fort Lauderdale, FDEP, and the BCEPGMD.

H. CONSTRUCTION

Mobilization must be well coordinated and planned through every phase of construction since the areas to be occupied are shared with residents and business owners. Space is limited and must be used wisely to reduce the impacts to the surrounding communities.

Noise considerations will be accounted for since this area has a large volume of weekend visitors and adjacent residential communities. The City of Fort Lauderdale, Noise ordinance (Chapter 17) limits construction equipment operation to Monday through Saturday, not before 8 am or after 7 pm and Sunday not before 10 am or after 7 pm.

Site safety and site security are also a critical consideration since the public will be all around the site and naturally very curious. Construction fencing must be installed and maintained, and no open trenches overnight will be allowed. Proper signage must be posted at each construction site with emergency phone numbers. The construction fence needs to be placed away from business store-fronts, and allow access to all adjacent businesses. The driveways to each residential unit must also be maintained when possible in order to allow residents access to their homes.

Maintenance of traffic (MOT) is an important part of the construction phase, for site safety issues and site maintenance issues. MOT plans must be submitted to FDOT for approval prior to any work being completed within their ROW. All road closures and detours must be shown in the MOT plans and coordinated with the City, County, and State. Specific guidelines and safety precautions must be taken in order to maintain a safe work environment for the general public.

One of the major challenges of this project is to construct an HDD installation with proper horizontal separation. The water main HDD is proposed to be the northern pipe, and then the force main will be adjacent and to the south of the water main. A buffer distance between each HDD path will be conservatively increased in order to allow for a factor of safety in the soils conditions.

During the drilling and the enlargement of the pilot hole, there will be large amounts of waste fluids and cuttings generated that will need to be disposed of properly. The MANCON team will provide a containment area and collect these fluids. Chappell will closely monitor these operations to ensure compliance will all state and local regulatory agencies. The waste fluids will then be disposed at an appropriate landfill.

The coordination for placing the proposed utility lines in service and removing the old lines from service is a critical juncture for any project of this nature. The time out of service of any utility line is not only a nuisance, but could be life threatening since water pressures will drop and thus fire protection provided by fire hydrants are reduced. The MANCON team will coordinate closely with the City of Fort Lauderdale Utilities to establish a plan for transfer of water service to the new main.



Restoration is another construction consideration that must be addressed. Since an HDD operation can be very messy even by construction standards, containment of drilling fluids and cuttings will assist in easing the unsightly conditions during construction and the restoration efforts at the end of construction.

Construction record drawings or as-builts, must be accurately completed for the HDD and all other work completed by the contractor. There are several methods for obtaining an as-built for an HDD pipe. The suggested method is to use two (2) wire loops on each bank of the ICW in order to act as a steering tool. The open-cut installation of infrastructure will be surveyed using conventional means.

I. CURRENT PRIME CONTRACTOR WORKLOAD

Job No.	Name of Project	Owner	Contract Value	Completion Date	Percent Complete
321	City of Hollywood Taft Street to Atlanta street Project No.: 13-5120	City of Hollywood Department of Public Utilities 1621 North. 14 th Avenue Hollywood, Florida 33022 Project Manager: Wilhelmina Montero, P.E. (954) 921-3930	\$ 6,407,971.60		99%
324	City of Delray Beach Lake Ida Drainage Improvements Mathews Consulting, Inc. 477 South Rosemary Avenue, Suite 330 West Palm Beach, Florida 33401 (561) 398-1585	City of Delray Beach 100 Northwest 1 st Avenue Delray Beach, Florida 33444 Project Manager: Aaron Cutler (561) 655-6175	\$ 711,890.50		99%
325	Broward County Water and Wastewater Services Hillsboro Pines Neighborhood Project Project No.: Y1380003C1	Broward County Water and Wastewater Services 2555 West Copans Road Pompano Beach, Florida 33069 Project Manager: Pat MacGregor 954-831-0904	\$6,476,264.40	June 2017	0.00%
326	City of Delray Beach Reclaimed Water Extension Area 12B Mathews Consulting, Inc. 477 South Rosemary Avenue, Suite 330 West Palm Beach, Florida 33401 (561) 398-1585	City of Delray Beach 100 Northwest 1st Avenue Delray Beach, Florida 33444 Project Manager: Aaron Cutler (561) 655-6175	\$2,694,841.80		95.00%



Man Con, Incorporated employs adequate staff to accommodate our current workload and any added work anticipated during the time frame for this project.

Our staffing is reviewed weekly and appropriate adjustments are made when workload demands increase or decrease.

J. EQUIPMENT AND RESOURCES

Equipment No.	Equipment Type	Year	Model Manufacturer	Serial No. ID
201	Grader	1996	CAT 135 H	3YX00143
203	Roller	2000	DYNAPAC CC122	60114971
204	Roller	1996	DYNAPAC CC102	600111930
207	Dozer	1995	JOHN DEERE 450 G LGP	TO450GH812067
209	Broom Tractors		INTERNATIONAL 2500	2340062U202141
210	Broom Tractors	1985	MASSEY FERGUSON 240	557246
211	Broom Tractors	1997	MASSEY FERGUSON 253	D51163
212(215)	Combo	2005	CAT 420D IT	CBLN11506
214	Combo	2004	CAT 420D	FDP14988
216	Loader	2006	CAT 262B SKID	0262BJPDT02887
217	Loader	2003	938G SER 2	CRD00824
218	Loader	1999	938G	4YS00883
222	Backhoe	2002	CAT 345B	AGS01267
223	Backhoe	2006	KOMATSU PC 308	30050
229	Backhoe	2004	KOMATSU PC138 USLC-2	1345
230	Backhoe		KOMATSU PC15 MR	12192
231	Milling Machine	2006	ASPHALT ZIPPER AZ 500	200177
233	Generator	2005	WACKER	5560437
234	Pump	1994	SLOAN 6"	1322
235	Pump	1999	THOMPSON 12"	V-654
236	Pump	1997	THOMPSON 12"	V-661
243	Pump	1989	THOMPSON JET 4"	4J-116
244	Compressor		HATZ DIVE	
245	Compressor		SULLIVAN AIR	D18505
246	Welder		MILLER BIG 50	KD372275
247	Forklift		MARK ML80	982-F0171
248	Loader	2008	JD 544J	DW544JZ617435
249	Broom Tractor	2005	MASSEY FERGUSON MF461-2	EN24027
250	Ingram Roller	1988	3 WHEEL	588663 EB 14
251	Ingram Roller	1988	3 WHEEL	588648 EB 14
252	Roller	2007	DYNAPAC 134D	81270186
253	Mini Excavator	2011	CAT 305-5DCR	FLZ00474
254	Wheel Loader	2012	CAT 924K	PWR00814
255	Compact Track Loader	2014	BOBCAT T110	AE0H11925
256	Wacker Reversible Plate Compactor	2014	BPU4045A	10373520
259	Compact Track Loader	2016	CAT 299 D2	FD 200514



Equipment No.	Equipment Type	Year	Model Manufacturer	Serial No. ID
260	Komatsu Hydraulic Excavator	2016	PC138USLC-11	50176
	Wacker Reversible Plate Compactor			DPU504514
	6 x 14 Trench Box			132259
	Aries Seeker Push Camera			6072801
	Pipe Laser	2012	TRIMBLE DG711	23369
	Wacker Reversible Plate Compactor		BPU3545A	1761031

Vehicle No.	Make	VIN Number	Tag Number
1	2015 LINCOLN NAVIGATOR SUV	5LMJJ2HT2FEJ05770	102LTJ
2	2015 LINCOLN NAVIGATOR SUV	5LMJJ2HT8FEJ01562	103LTJ
3	14 FORD EXPLORER	1FM5K8D84EGB61671	GZGG95
4	2015 BMW X5 SUV	5UXKROC59FOK67215	GTHB53
5	2013BMW 740I	WBAYA6C56DD143685	XO12YR
7	2010 FORD F-250 P/U	1FTSX2A53AEB20227	708VTX
8	07 FORD F-250 P/U	1FTSX20PX7EA51581	U121YS
12	05 FORD F-550	1FDA56P05E5B6603	DLTD67
16	00 FORD F-650 FUEL TRUCK	3FDNX6565YMA07600	T940JL
18	88 MACK TRACTOR	1M2AYO4Y8JM004042	527KPU
19	97 GMC WATER TRUCK	1GDL7H1J7VJ514326	N1862V
20	08 FORD F-150	1FTRW12W38FA41616	ECUU23
21	2005 STEM DUMP TRUCK	2FZHAZDE85AN70661	N0032T
22	2012 FORD F-250 P/U	1FT7X2A67CEC08568	685HFC
23	2015 GMC C25	1GD21XEG0FZ126413	DCAL75
24	16 MACK DUMP TRUCK	1M2AX13C9GM032679	N9391V
100	89 HOMEMADE TRAILER	NOVIN000081867979	104LTJ
101	90 TRAIL KING TRAILER (LOWBOY)	1TKH04836LM036130	710VTX
102	98 KENDALL TRAILER	KT7X1498110874767	105LTJ
103	00 DRAGGIN TRAILER	10500704006001653	ECUU24
105	04 INTERSTATE TRAILER 20DT	1JKODT2014M004790	967XVG
107	06 BETTER BUILT TRAILER	4MNOB1202161001487	GZGG96
108	07 ASPHALT ZIPPER TRAILER	109FS08267U023801	GZGG97
109	87 SUNCOAST FUEL (YLLW) TRAILER	237864	107LTJ
110	MINI EXCAVATOR TRAILER	227205	AUMY01
111	SULLIVAN AIR COMPR TRAILER	14053A	

SECTION 5



5. REFERENCES

A. MAN-CON, INC.

REFERENCE NUMBER 1

<u>PROJECT NAME:</u>	North Central County Neighborhood Improvements Project, Bid Package No. 4
<u>OWNER:</u>	Broward County Water & Wastewater Services
<u>CONTACT:</u>	Pat MacGregor
<u>ADDRESS:</u>	2555 West Copans Road, Pompano Beach, Florida 33069
<u>PHONE NO.:</u>	(954) 831-0904
<u>FAX NO.:</u>	(954) 831-0925
<u>EMAIL:</u>	pamacgregor@broward.org

PROJECT DESCRIPTION:

Features of this project included 880 LF of 16" diameter horizontal directional drilled HDPE Pipe under Sunrise Blvd. near the Swap Shop. Sanitary Sewer Replacement with connection of existing residences to new system, drainage pipe and structures, slip-lining of existing drain pipe, new water mains, grout, abandonment of existing water main, connection of houses to new water main, force mains, lift station, demolition of concrete and pavement, installation of new concrete sidewalk, Type "F" curbs, driveways, construction of new roadway subgrade, base and asphalt pavement. Signage and pavement markings. Tree relocation, New trees and landscape features, swale sodding and irrigation.

<u>PROJECT COMPLETION DATE:</u>	August 2011
<u>ORIGINAL BUDGET:</u>	\$ 8,940,029.45
<u>FINAL COST:</u>	\$ 9,023,261.67

REFERENCE NUMBER 2

<u>PROJECT NAME:</u>	Lift Station E-2 and E-3 Intracoastal Waterway Piping Replacement
<u>OWNER:</u>	City of Hollywood, Public Works Department
<u>CONTACT:</u>	Feng Jeff Jaing, P.E.
<u>ADDRESS:</u>	Engineering & Construction Services Division P.O. Box 229045, Hollywood, FL 330022-9045
<u>PHONE NO.:</u>	(954) 921-3258
<u>FAX NO.:</u>	(954) 921-3937
<u>EMAIL:</u>	fjiang@hollywood.org

PROJECT DESCRIPTION:

This was a design-build project which our firm was awarded based upon an evaluation process, wherein written and verbal presentations were made by several contractors. The project involved replacement of the existing water and force mains at two locations across the Intracoastal Waterway. A total of four (4) 18" diameter HDPE force mains and two (2) 18" diameter water mains were constructed by directional drill under the ICW at two (2) locations. The replacement also requires connection to existing facilities at both ends of the directional drill locations, including two (2) open-cut connection crossings within the FDOT right-of-way on State Road A1A, coordination of all FM/WM shut downs, restoration, permitting, environmental monitoring, and abandonment and preservation of existing facilities crossing the ICW for the City's use either as redundancy or leasing to outside utility authorities.



PROJECT COMPLETION DATE: August 2011
ORIGINAL BUDGET: \$ 4,915,204.00
FINAL COST: \$ 4,915,204.00

REFERENCE NUMBER 3

PROJECT NAME: Reclaimed Water Main Project
OWNER: City of Coconut Creek
CONTACT: Carlos Nuesa
ADDRESS: 4800 West Copans Road, Coconut Creek, Florida 33063
PHONE NO.: (954) 956-1545
FAX NO.: (954) 954-973-6754
EMAIL: cnuesa@coconutcreek.net

PROJECT DESCRIPTION:

Furnished and installed 475 LF of 16" HDPE reclaimed water pipe. Furnished and installed 455 LF of 16" PVC reclaimed water main (directional drill) Sod restoration. Concrete Sidewalk removal and restoration. Furnished and installed reclaimed water main tie in connection 16" connection.

PROJECT COMPLETION DATE: August 15, 2012
ORIGINAL BUDGET: \$ 210,461.00
FINAL COST: \$ 194,953.30

B. STRATA UNDERGROUND LLC

REFERENCE NUMBER 1

PROJECT NAME: Water Line and Gas Line Extension Project # E10172
OWNER: The City of Corpus Christi
CONTACT: Brandi B Karl, P.E.
ADDRESS: 2725 Swantner, Corpus Christi, Texas
PHONE NO.: (361) 854-3101
FAX NO.: (361) 729-7933
EMAIL: brandib@urbaneng.com

PROJECT DESCRIPTION:

Island water line and gas line extension project consisted of horizontal directional drilling 1000 linear feet of 18" DR18 FPVC, 1000 linear feet of 8" steel gas line, 1000 linear feet of 4" DR18 FPVC, 505 linear feet of 8" steel gas line, 165 linear feet of 8" steel gas line, 105 linear feet of 8" steel gas line, 105 linear feet of 18" FPVC, and 105 linear feet of 4" FPVC

PROJECT END DATE: July 2015
ORIGINAL BUDGET: \$ 2,183,242.00
FINAL COST: N/A



REFERENCE NUMBER 2

PROJECT NAME: Rush Lake Force Main
OWNER: Hamburg Township, Michigan
CONTACT: Jeffrey Corby
ADDRESS: 6001 Schooner, Belleville Michigan 48112
PHONE NO.: (313) 350-3469
FAX NO.: N/A
EMAIL: jcorby@corbyenergy.com
PROJECT DESCRIPTION:
30,000 LF of 2", 12" HDPE/IPS/DR11, Longest drill was 1,250 LF, Sand Conditions
PROJECT COMPLETION DATE: November 2006
ORIGINAL BUDGET: \$ 2,600,000.00
FINAL COST: N/A

REFERENCE NUMBER 3

PROJECT NAME: Capital Improvements Plan - Division C Force Main
OWNER: Northwest Utilities Authority, Saginaw, Michigan
CONTACT: David Carpenter
ADDRESS: 6001 Schooner, Belleville Michigan 48112
PHONE NO.: (813) 410-4360
FAX NO.: N/A
EMAIL: dcarpenter@corbyenergy.com
PROJECT DESCRIPTION:
12,800 LF of 16" and 20" HDPE/IPS/DR11, longest single drill was \$1,500 LF, Rock Conditions
PROJECT COMPLETION DATE: November 2011
ORIGINAL BUDGET: \$ 1,500,000.00
FINAL COST: N/A

C. THOMPSON AND ASSOCIATES, INC.

REFERENCE NUMBER 1

PROJECT NAME: Broward County 24" Horizontal directional drill (HDD) Design/Build
OWNER: Broward County Water & Wastewater Services
CONTACT: Rene L. Castillo, Sr.
ADDRESS: 2601 NW 48th Street, Pompano Beach, Florida 33073
PHONE NO.: (954) 426-1042
FAX NO.: (954) 426-0717
EMAIL: ReneSr@ric-man.us
PROJECT DESCRIPTION:
T&A was the engineer-of-record for the HDD design of the new 24" water main, assisted with permitting



efforts, conducted construction inspection, and designed the required MOT plans for State Road 7 and Broward Boulevard. The project was completed on time and had caused very little impact to the public during construction.

PROJECT COMPLETION DATE: June 2010
ORIGINAL BUDGET: N/A
FINAL COST: N/A

REFERENCE NUMBER 2

PROJECT NAME: Trails Charter School
OWNER: MG3 Developer Group
CONTACT: Gustavo Bogomolni, President
ADDRESS: 1915 Harrison Street, Hollywood, Florida 33020
PHONE NO.: (954) 929-5229
FAX NO.: (954) 929-5226
EMAIL: gbogomolni@mg3developer.com

PROJECT DESCRIPTION:

T&A was the engineer-of-record for the project and completed a due diligence report, preliminary design, final design, permitting, bidding assistance, and construction inspection services. Prepared the final design packages including paving; grading; drainage collection systems; water distribution system; wastewater collection system and lift station; signage; pavement marking; and erosion and sediment control plans. Potable water distribution consisted of a looped system with 2125 LF of 8" PVC main around the school structure, connecting (tapping sleeve and valve) to the an existing 8" main on South Military Boulevard, as well fire and service laterals and fire hydrant locations. Approximately 1550 lf of 12" DIP force main was also extended north from Hypoluxo Road to the northern property line along the west side of South Military Drive with stub-out for properties adjacent to the right-of-way. The proposed grinder station is designed for 50 gallons per minute (GPM) at a Total Dynamic Dead (TDH) 105 feet and a pressure head of 92 feet at the 12-inch force main. the duplex on-site 10-hp pumps was utilize with a 650 linear feet of 3" SDR 11 HDPE force main in order to discharge the wastewater. Permitting was completed through PBC Water Utilities Department, PBC Health Department, and PBC Fire Marshall, PBC land Development and Engineering division, SFWMD, and LWDD.

PROJECT COMPLETION DATE: July 2015
ORIGINAL BUDGET: N/A
FINAL COST: N/A

REFERENCE NUMBER 3

PROJECT NAME: Delevoe Park Expansion and Overflow Parking
OWNER: Broward County Highway Construction & Engineering Division
CONTACT: Mehrdad "Mike" Fayyaz, P.E.
ADDRESS: North University Drive, Suite 3600B, Plantation, Florida 33324
PHONE NO.: (954) 577-4583
FAX NO.: (954) 357-5715
EMAIL: Mfayyaz@broward.org

PROJECT DESCRIPTION:

As the Engineer of Record T&A was responsible for developing the site plan based on a preliminary sketch



developed by staff, preparation of the demolition plans, paving grading and drainage plans, water and sewer plans, pavement markings and signage plans, details and specification, and storm water pollution prevention plans. The scope also included submitting an environmental resource permit and stormwater management permit to Broward County and coordinating with all sub-consultants for building permits. Post design services were limited to review of shop drawings and response to request of information from the contractor.

PROJECT COMPLETION DATE: December 2015
ORIGINAL BUDGET: N/A
FINAL COST: N/A

D. THE CHAPPELL GROUP, INC.

REFERENCE NUMBER 1

PROJECT NAME: Hollywood Directional Bore
OWNER: City of Hollywood
CONTACT: Albert Perez
ADDRESS: 2600 Hollywood Boulevard, Hollywood, FL 33020
PHONE NO.: N/A
FAX NO.: N/A
EMAIL: N/A

PROJECT DESCRIPTION:

The Chappell Group conducted the benthic resource surveys, processed environmental resource permits, and conducted construction observation, ensuring that no direct impacts and/or disturbances to existing submerged or upland surface waters were impacted within the crossing footprints.

PROJECT COMPLETION DATE: 2011
ORIGINAL BUDGET: \$ 3,000,000.00
FINAL COST: N/A

REFERENCE NUMBER 2

PROJECT NAME: Ravenswood Road Bridge Improvements
OWNER: Broward County Water & Wastewater Services
CONTACT: Greg Balicki
ADDRESS: 2555 W. Copans Road, Pompano, FL 33069
PHONE NO.: (954) 831-0745
FAX NO.: (954) 831-0798
EMAIL: gbaliki@broward.org

PROJECT DESCRIPTION:

The Chappell Group, Inc. conducted a benthic survey of the Dania Cutoff canal and processed all environmental resource permits, including U.S. Coast Guard authorization.

PROJECT COMPLETION DATE: On-going
ORIGINAL BUDGET: 2,000,000.00
FINAL COST: N/A

SECTION 6



CITY OF FORT LAUDERDALE

ADDENDUM No. 4
REVISED PRICE PROPOSAL
June 24, 2016

PRICE PROPOSAL FORM
RFP # 465-11765 DESIGN-BUILD SERVICES FOR

RELOCATION OF EXISTING 16-INCH WATER MAIN AND INSTALLATION OF 16-INCH
FORCE MAIN AT EAST LAS OLAS BOULEVARD

DESIGN

1. Design Development	\$ <u>194,000.00</u>
2. Construction Administration	\$ <u>48,000.00</u>
SUBTOTAL DESIGN COSTS	\$ <u>242,000.00</u>

CONSTRUCTION

GENERAL

3. Mobilization/Demobilization	\$ <u>220,000.00</u>
4. Maintenance Of Traffic <i>(For both water main and sewer main construction)</i>	\$ <u>89,000.00</u>
5. Restoration <i>(For both water main and sewer main construction)</i>	\$ <u>216,000.00</u>

WATER

6. 20-Inch On-Shore Piping <i>(Includes labor, material, bends, valves, ARV's, manholes, testing, tapping existing water main, reducer, etc.)</i>	\$ <u>295,000.00</u>
7. 20-Inch HDPE Pipeline – Directional Drill	\$ <u>573,000.00</u>
8. Cut & Cap Existing 16-Inch Water Main <i>(Includes valves, line stops, grouting, and all incidentals)</i>	\$ <u>52,000.00</u>

SEWER

9. **16-Inch On-Shore Piping** \$ 280,000.00
(Includes labor, material, bends, valves, ARV's, manholes, testing, tapping existing force main, etc.)

10. **16-Inch HDPE Pipeline – Directional Drill** \$ 480,000.00

SUBTOTAL CONSTRUCTION COSTS \$ 2,205,000.00

PERMIT ALLOWANCE

11. **Permitting** \$200,000.00
(For both Design and Construction)

TOTAL BID – Design, Construction, and Permit Allowance Costs (proposed “Contract Price”)

Two million, six hundred forty seven thousand dollars and zero cents.
(IN WORDS)

\$ 2,647,000.00
(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.

Guy A. Mancini
Name: _____ (Please Print)


Proposer Signature

President July 7th, 2016
Title: _____ Date: _____

Travelers Casualty And Surety Company Of America

BID BOND

KNOW BY ALL MEN THAT THESE PRESENTS: That we MAN-CON INCORPORATED of 3460 S.W. 11th Street , Deerfield Beach, FL 33442, hereinafter referred to as Principal, and Travelers Casualty And Surety Company Of America as Surety, are held and firmly bound unto City Of Fort Lauderdale of 100 North Andrews Avenue , Fort Lauderdale, FL 33301, hereinafter referred to as Obligee, in the sum of FIVE AND 00/100 PERCENT Dollars (5.00%) for the payment of which we bind ourselves, our legal representatives, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, Principal has submitted or is about to submit a proposal to Obligee on a contract for

Bid 465-11765

Water Main / Force Main Las Olas

NOW, THEREFORE, if the said contract be awarded to Principal and Principal shall, within such time as may be specified, enter into the contract in writing and give such bond or bonds as may be specified in the bidding or contract documents with surety acceptable to Obligee; or if Principal shall fail to do so, pay to Obligee the damages which Obligee may suffer by reason of such failure not exceeding the penalty of this bond, then this obligation shall be void; otherwise to remain in full force and effect.

Signed and sealed this June 29, 2016.

MAN-CON INCORPORATED

(Principal)

by  (Seal)

Travelers Casualty And Surety Company Of America

(Surety)

by  (Seal)

Angelo G. Zervos, ATTORNEY-IN-FACT



POWER OF ATTORNEY

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company

Attorney-In Fact No. 226845

Certificate No. 006618068

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Angelo G. Zervos, Gus E. Zervos, Donald W. Burden, and Veronda D. Gordon

of the City of Southfield, State of Michigan, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, 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 29th day of January, 2016.

Farmington Casualty Company
Fidelity and Guaranty Insurance Company
Fidelity and Guaranty Insurance Underwriters, Inc.
St. Paul Fire and Marine Insurance Company
St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
Travelers Casualty and Surety Company
Travelers Casualty and Surety Company of America
United States Fidelity and Guaranty Company



State of Connecticut
City of Hartford ss.

By: [Signature]
Robert L. Raney, Senior Vice President

On this 29th day of January, 2016, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations 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, 2016.



[Signature]
Marie C. Tetreault, Notary Public

This Power of Attorney is granted under and by the authority of the following resolutions adopted by the Boards of Directors of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, 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 Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company do hereby certify that the above and foregoing is a true and correct copy of the Power of Attorney executed by said Companies, which is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 29th day of June, 20 16.

WARNING: THIS POWER OF ATTORNEY IS INVALID WITHOUT THE RED BORDER

Kevin E. Hughes
Kevin E. Hughes, Assistant Secretary



To verify the authenticity of this Power of Auorney, call 1-800-421-3880 or contact us at www.travelersbond.com. Please refer to the Attorney-In-Fact number, the above-named individuals and the details of the bond to which the power is attached.

SECTION 7



CITY OF FORT LAUDERDALE

ADDENDUM No. 4
REVISED PRICE PROPOSAL
June 24, 2016

PRICE PROPOSAL FORM
RFP # 465-11765 DESIGN-BUILD SERVICES FOR

RELOCATION OF EXISTING 16-INCH WATER MAIN AND INSTALLATION OF 16-INCH
FORCE MAIN AT EAST LAS OLAS BOULEVARD

DESIGN

1. Design Development	\$ <u>194,000.00</u>
2. Construction Administration	\$ <u>48,000.00</u>
SUBTOTAL DESIGN COSTS	\$ <u>242,000.00</u>

CONSTRUCTION

GENERAL

3. Mobilization/Demobilization	\$ <u>220,000.00</u>
4. Maintenance Of Traffic <i>(For both water main and sewer main construction)</i>	\$ <u>89,000.00</u>
5. Restoration <i>(For both water main and sewer main construction)</i>	\$ <u>216,000.00</u>

WATER

6. 20-Inch On-Shore Piping <i>(Includes labor, material, bends, valves, ARV's, manholes, testing, tapping existing water main, reducer, etc.)</i>	\$ <u>295,000.00</u>
7. 20-Inch HDPE Pipeline – Directional Drill	\$ <u>573,000.00</u>
8. Cut & Cap Existing 16-Inch Water Main <i>(Includes valves, line stops, grouting, and all incidentals)</i>	\$ <u>52,000.00</u>

SEWER

9. 16-Inch On-Shore Piping \$ 280,000.00
(Includes labor, material, bends, valves, ARV's, manholes, testing, tapping existing force main, etc.)

10. 16-Inch HDPE Pipeline – Directional Drill \$ 480,000.00

SUBTOTAL CONSTRUCTION COSTS \$ 2,205,000.00

PERMIT ALLOWANCE

11. Permitting \$200,000.00
(For both Design and Construction)

TOTAL BID – Design, Construction, and Permit Allowance Costs (proposed “Contract Price”)

Two million, six hundred forty seven thousand dollars and zero cents.
(IN WORDS)

\$ 2,647,000.00
(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.

Guy A. Mancini
Name: _____ (Please Print)


Proposer Signature

President July 7th, 2016
Title: _____ Date: _____

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, to their best knowledge, any City of Fort Lauderdale, FL officer or employee, or any relative of any such officer or employee as defined in Section 112.3135 (1) (c), Fla. Stat. (1989), 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,

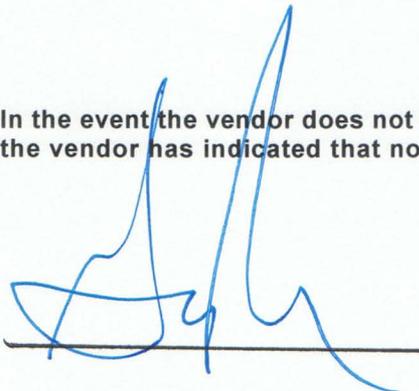
3.3. City employees may not contract with the City through any corporation or business entity in which they hold a controlling financial interest (ownership of five (5) percent or more), unless in their City duties they are not involved in:

- 3.3.1 The award of the contract, or
- 3.3.2 Determining contract provisions, or
- 3.3.3 The enforcement of the contract.

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	

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.



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:

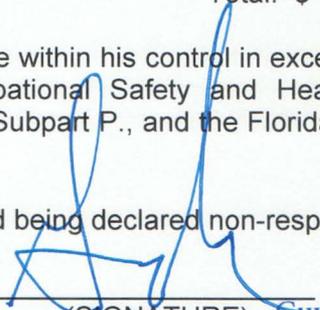
Trench Safety Measure (Description)	Units of Measure (LF/SF)	Unit (Quantity)	Unit Cost	Extended Cost
A. <u>Sloping</u>	<u>LF</u>	<u>800</u>	\$ <u>10.00</u>	\$ <u>8,000.00</u>
B.			\$	\$
C.			\$	\$
D.			\$	\$

Total: \$ 8,000.00

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: June 29th, 2016



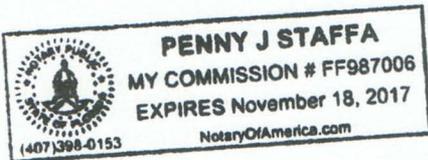
 (SIGNATURE) Guy A. Mancini

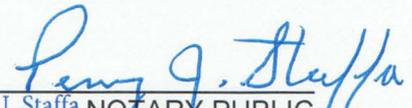
STATE OF: FL COUNTY OF: Broward

PERSONALLY APPEARED BEFORE ME, the undersigned authority,

Guy A. Mancini
 (Name of Individual Signing)

who, after first being duly sworn by me, affixed his/her signature in the space provided above on this 29 day of mmm, 2016.




 Penny J. Staffa NOTARY PUBLIC

My Commission Expires: 11/18/2017

QUESTIONNAIRE SHEET

PLEASE PRINT OR TYPE:

Firm Name:

President

Business Address:

Telephone:

Fax:

E-Mail Address:

What was the last project of this nature which you completed?

The following are named as three corporations and representatives of those corporations for which you have performed work similar to that required by this contract, and which the City may contact as your references (include addresses and telephone numbers):

How many years has your organization been in business?

Have you ever failed to complete work awarded to you; if so, where and why?

No

The name of the qualifying agent for the firm and his position is: Guy A. Mancini, President

Certificate of Competency Number of Qualifying Agent:

Effective Date:

Expiration Date:

Licensed in: FL
(County/State)

Contractor's License #(s) CGC1506924
CUCO56856

Expiration Date:
8/31/2018

NOTE: To be considered for award of this contract, the bidder must submit a financial statement upon request.

Contractor must have proper licensing prior to submitting bid and must submit evidence of same with bid.
Licenses attached.

QUESTIONNAIRE SHEET

1. Have you personally inspected the proposed work and have you a complete plan for its performance?

Yes, Yes

2. Will you sublet any part of this work? If so, list the portions or specialties of the work that you will.

a) Directional Drill Installations

b) Asphalt Paving

c)

d)

e)

f)

g)

3. What equipment do you own that is available for the work?

Please see attached Equipment List.

4. What equipment will you purchase for the proposed work?

None

5. What equipment will you rent for the proposed work?

None	
------	--

CONSTRUCTION BID CERTIFICATION

Please Note: 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) Man-Con Incorporated

Address: 3460 SW 11th Street

City: Deerfield Beach State: FL Zip: 33442

Telephone No. 954-427-0230 FAX No. 954-427-8133 Email: guym@mancon.ws

Does your firm qualify for MBE or WBE status: MBE WBE N/A

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.

<u>Guy A. Mancini</u> Name	<u>President</u> Title	<u>Jeffrey J. Mancini</u> Name	<u>Secretary</u> Title
<u>Guy A. Mancini</u> Name	<u>Resident Agent</u> Title	 Name	 Title

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

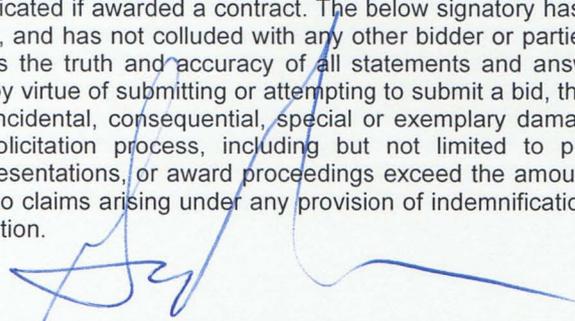
Addendum No.	Date Received						
1	6/15/2016	2	6/15/2016	3	6/20/2016	4	6/24/2016
						5	6/27/2016

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. If submitting your response electronically through BIDSYNC you must also click the "Take Exception" button.

N/A

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

Submitted by:
Guy A. Mancini
 Name (printed)
June 29th, 2016
 Date:


 Signature
President
 Title

CITY OF FORT LAUDERDALE
PUBLIC WORKS DEPARTMENT

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

PRIME CONTRACTOR IDENTIFICATION FORM

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

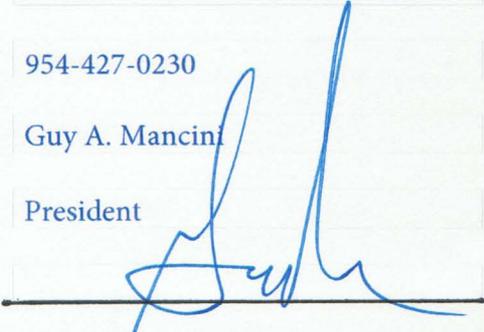
Name of Firm:

Address of Firm:

Telephone Number:

Name of Person Completing Form:

Title:

Signature: 

Date:

City Project Number:

City Project Description:

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

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

CONTRACT PAYMENT METHOD BY P-CARD

THIS FORM MUST BY SUBMITTED WITH YOUR RESPONSE

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 payment by credit card via MasterCard or Visa. This allows you as a vendor of the City of Fort Lauderdale to receive your payment fast and safely. No more waiting for checks to be printed and mailed.

Payments will be made utilizing the City's P-Card (MasterCard or Visa). Accordingly, firms must presently have the ability to accept credit card payment or take whatever steps necessary to implement acceptance of a credit card before the commencement of a contract.

Please indicate which credit card payment you prefer:

Master Card

Visa Card

Company Name: Man-Con Incorporated

Guy A. Mancini

Name (printed)


Signature

June 29th, 2016

Date:

President

Title



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

ADDENDUM NO. 1

ITB # 465-11765 Water Main/Force Main Las Olas

ISSUED: 6/15/2016

This addendum is being issued to amend the solicitation and response to questions and comments received. The following amendments to the Scope of Services are as follows:

Changing Section 1.3 SUBMISSION DEADLINE

To Read: *Wednesday, June 29, 2016, at 2:00pm*

All other terms, conditions, and specifications remain unchanged.

Althea Pemsel, MA, CPSM
Senior Procurement Specialist

Company Name: Man-con Incorporated
(Please print)

Bidder's Signature: _____
Guy A. Mancini

Date: June 29, 2016



ADDENDUM NO. 3

ITB # 465-11765

ISSUED: 6/17/2016

This addendum is being issued to amend the solicitation and response to questions and comments received at the Pre-Bid Meeting on Thursday, June 16th, 2016 and upload Geotechnical Report. Additionally, Revise Page 24, Section 4.2 Contents of Qualification Statement/Submittals, Number 4. Project Methodology & Approach. The following amendments to the solicitation are as follows:

Questions (Q) and Answers (A):

Q1) Is the Guaranteed Maximum Price based on a time and materials basis or fixed price?

See Special Conditions Section 2.12 Price Proposal.

Q2) Request that the City reconsider the Minimum Qualifications in Section 3.4 item j) as it will eliminate qualified companies to bid due to the fact they have not worked together as a team but have performed similar work individually.

The City's prefers the proposed team have worked together and completed at least one (1) project as a team.

Q3) Will the City allow a DBF to have an underground license to do business verses a certified general contractor per Section 3.4 Minimum Qualifications item c)?

The City will allow either a General Contractors' license or an Underground Utility license.

Q4) When providing example projects to qualify the team component of the solicitation, does the City prefer those project to be similar in scope to this one?

Yes.

Q5) In Section 4 Submittal Requirements item 4.2 Contents of Qualifications number 4. Project Methodology & Approach; what is the City expecting percentage wise in terms of providing conceptual design along with the submission.

The City no longer require a conceptual design and the submission of the design will be after contract award.



Q6) Does the City want the proposers to submit the forms electronically or in the hardcopy along with proposal?

The forms (in Section 4 Submittal Requirements item 4.2 Contents of Qualifications number 7. Contract Forms) MUST be submitted along with the hardcopy proposal.

Q7) Is the bid bond to be submitted along with the hardcopy proposal at time of submission deadline?

Yes. Do not submit electronically.

Q8) How will the evaluation committee decide how to evaluate and score the Price Proposal component of the criteria for 30 points?

The lowest bidder gets ranked one, and the next lowest bidder gets ranked two and this continues to the last proposal.

Q9) Is this a prevailing wage project?

No.

Q10) What is the condition of the existing water main pipe? What is the condition of the force main?

The existing water main was constructed in the 70's/80's and is DIP pipe. Unaware of current condition and no force main currently exists.

Q11) Is the water main the only conflict with FIND?

Yes.

Q12) Can the proposer submit more than 50 pages if necessary? Does the 11x17 pages count as one?

The City prefers the responses to be not more than fifty (50) pages double-sided and encourage the proposers to be conservative with the proposals. Yes, the 11x17 pages count as one page.

Q13) How many members are on the selection committee and have they been selected yet?

There will be 3 members of City staff that make up the selection committee and it has not been finalized yet.



Q14) Will the evaluation of qualifications and the price proposal be evaluated together?

Yes the selection committee will evaluate all criteria including price proposal together.

Q15) Will the sign-in sheet from the pre-bid meeting be posted on BidSync?

Yes.

Q16) When is the deadline for questions?

June 23rd, 2016 by 5:00 PM.

Q17) Does the Schedule of Values need to be including with the proposal submission along with the Price Proposal Form?

Yes.

Q18) In section 3.4 Minimum Qualifications item i), it states that the two (2) projects need to be similar in size and nature; does similar mean linear footage and directional drilling?

Yes.

Q19) Section 4.1 Number of Copies calls for one (1) bound original and one (1) unbound original. To avoid redundancy, can we submit just one original either bound or unbound, whatever the City's preference?

No.

Q20) Can you please provide the CADD drawings?

CADD files will be provide to the awarded DBF.

Q21) Is Las Olas blvd where the water main connects and where the force main crosses in a FDOT Right of Way? If so, are there restricted working hours?

Yes. It is a FDOT right-of-way. The working hours are under review at this time.

Q22) The specifications call out that the lowest price proposal will receive 30 points. What is the scoring criteria for the 2nd, 3rd, etc price proposals?

See Question and Answer #8.

Q23) Is the pipe size shown on the plans OD or ID?

Outside Diameter (OD).



Q24) What Percentage is the plans that get submitted with the Proposal? (ie: 30%, 60%).

See Question and Answer #5.

RFP Revision

Section 4.2 Contents of Qualification Statement/Submittals, 4. Project Methodology & Approach

The City no longer requires a conceptual design and the submission of the design will be after contract award.

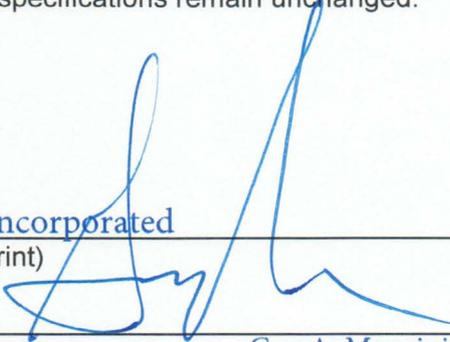
The following bullet point has been deleted from the RFP:

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

All other terms, conditions, and specifications remain unchanged.

Althea Pemsel, MA CPSM
Senior Procurement Specialist

Company Name: Man-Con Incorporated
(please print)

Bidder's Signature: 
Guy A. Mancini

Date: June 29th, 2016



ADDENDUM NO. 4

RFP # 465-11765

ISSUED: June 24, 2016

This addendum is being issued to amend the solicitation and response to a question received via BidSync, and to Remove and Replace Price Proposal Form with the Revised Price Proposal Form dated June 24, 2016. The following amendments to the solicitation are as follows:

Remove and Replace Price Proposal Form:

Remove and replace current Price Proposal Page with **Revised Price Proposal Form, in Addendum No. 4, dated June 24, 2016**. This revised Price Proposal Page must be submitted with your proposal.

Question and Answers:

Q1) Please provide a copy of the Contract Agreement between the City and the successful D&B contractor.

A1) A draft sample of the agreement is attached for review.

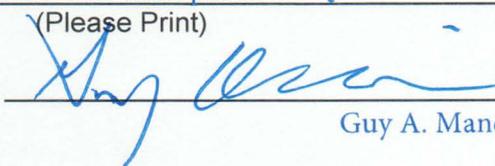
Note: Two (2) attachments were uploaded to the Documents section in BidSync for review purposes:

1. Addendum No. 4, Revised Price Proposal Form
2. Sample Draft Contract

All other terms, conditions, and specifications remain unchanged.

Althea Pemsel
Senior Procurement Specialist

Company Name: Man-Con Incorporated
(Please Print)

Bidder's Signature: 
Guy A. Mancini

Date: 6/29/2016

Travelers Casualty And Surety Company Of America

BID BOND

KNOW BY ALL MEN THAT THESE PRESENTS: That we MAN-CON INCORPORATED of 3460 S.W. 11th Street , Deerfield Beach, FL 33442, hereinafter referred to as Principal, and Travelers Casualty And Surety Company Of America as Surety, are held and firmly bound unto City Of Fort Lauderdale of 100 North Andrews Avenue , Fort Lauderdale, FL 33301, hereinafter referred to as Obligee, in the sum of FIVE AND 00/100 PERCENT Dollars (5.00%) for the payment of which we bind ourselves, our legal representatives, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, Principal has submitted or is about to submit a proposal to Obligee on a contract for

Bid 465-11765

Water Main / Force Main Las Olas

NOW, THEREFORE, if the said contract be awarded to Principal and Principal shall, within such time as may be specified, enter into the contract in writing and give such bond or bonds as may be specified in the bidding or contract documents with surety acceptable to Obligee; or if Principal shall fail to do so, pay to Obligee the damages which Obligee may suffer by reason of such failure not exceeding the penalty of this bond, then this obligation shall be void; otherwise to remain in full force and effect.

Signed and sealed this June 29, 2016.

MAN-CON INCORPORATED
(Principal)

by [Signature] (Seal)

Travelers Casualty And Surety Company Of America
(Surety)

by [Signature] (Seal)
Angelo G. Zervos, ATTORNEY-IN-FACT

MBE/WBE CONTRACTOR INFORMATION

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

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

CONTRACTOR CHECKLIST

List Previous City of Fort Lauderdale Contracts

Southside School Utilities
Twin Lakes, Waterworks 2011
Davie Water Main Waterworks 2011
SS and WM Improvements Edgewood Waterworks 2011
A,B,C,D,E, F & G St. Rd 84 Waterworks 2011
River Oaks Basin
Poinciana Park
Dixie Well Field Improvements

Number of Employees in your firm 28

--Percent (7.5 %) Women

--Percent (60 %) Minorities

--Job Classifications of Women and Minorities

Clerical
Field Staff

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

Women and / or minority subcontractors have been used by MCI on all work performed for Broward County, Palm Beach County and City of West Palm Beach, and many other jobs.

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

Trucking, asphalt, concrete, landscape, and pavement markings.

How are subcontractors notified of available opportunities with your firm?

Telephone, email and fax

Anticipated amount to be subcontracted on this project.

Less than 25% of project value.

Anticipated amount to be subcontracted to minority and/or women-owned businesses on this project.
Less than 5% of project value.