



**DAVID MANCINI
& SONS, INC.**

July 19, 2019 (REV1)

Omar Castellon, P.E., PMP, ENV SP
Chief Engineer
City of Fort Lauderdale Public Works Department
100 N. Andrews Avenue
Fort Lauderdale, FL 33301

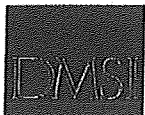
RE: Emergency Replacement of 42" PCCP Watermain

Dear Mr. Castellon,

In response to our site meeting yesterday, I am pleased to submit our Proposal for the emergency Replacement of the Critical 42-Inch Prestressed Concrete Cylinder Pipe (PCCP) Watermain supplying the Five-Ash Water Treatment Plant. Although the Main is currently operational via temporary repair, I understand the importance of an expeditious and proficient permanent replacement. We are qualified and experienced in the necessary deep excavations, trench safety, underwater diving, dewatering, and pipefitting associated with replacing mid-1900's, large diameter Prestressed Concrete Cylinder Pipelines. We recently completed a complex Emergency project exceeding Miami Dade Water and Sewer Department's expectations on a 1970's 72-Inch PCCP Transmission Forcemain breached by a Horizontal Directional Drill. The Project included multiple wet-taps, line-stop, sewer bypass pumping, removal of pipe segments to install a permanent plug-valve, permanent welded repair of a 72" PCCP fitting via man-entry while managing a +4,000 gallon per minute leak from an existing valve.

Proposal's Scope-Of-Work:

- Immediate Mobilization of all Equipment, Personnel, Shoring, and Pumps required. (8-hour notice)
- Immediate Securing and Protection of the Work-Zone.
- Excavation, dewatering, and trench shoring required to verify the existing 1960's PCCP Watermain is compatible with replacement kit provided by City PRIOR to removal of damaged pipe.
(24-hours while main is in service)
- Fabrication and Installation of a temporary outlet on the 42-inch PCCP Watermain to verify performance of the City's shut down and bypass via existing piping and valves PRIOR to removal of damaged pipeline.
Outlet can be closed and 42" WM Activated at any time PRIOR to removal of pipe section.
(Fabrication and Installation with 3-working days' notice).
- Dewatering of Pipeline on-site via open pumping.



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- Removal and disposal of 2 standard PCCP sections.
- Replacement with the City's furnished ductile iron pipe, MJ Sleeve, adapters, and gaskets.
- Estimated 3 hours to De-water the existing 42" pipe.
- Removal and Replacement of Pipeline within 5 hour window of confirmed kill.
- Trench Restoration, compaction, and final asphalt installation in strict accordance with the City of Fort Lauderdale and FDOT standards and specifications.
- The City's 3% P-Card Fee is included.
- Lump-Sum Cost of Aforementioned Scope \$124,000

Furthermore, we offer to furnish and Install like-kind 42" PCCP Spigot x Spigot Adapter, 42" PCCP Pipe, and 42" PCCP Closure for an additional NOT TO EXCEED \$50,000 to aforementioned lump-sum figure. Materials can be furnished within 2 working days' notice. This is our best guess estimate NOT TO EXCEED. We are willing to supply the material at cost with Invoice from Supplier +10%. Such includes the loading, hauling, and returning of the Miami Dade County WASD supplied materials.

Although we understand line-stops and bypass are unlikely, we are actively coordinating and preparing emergency procurement of tapping saddles, stopples, and wet-tap machines should the City require such services rendered. We have 36" HDPE Bypass Piping in stock locally and ready for use if required. We have 2 each 42" Tapping machines and Line-Stops ready for immediate mobilization from Tennessee within 2 days' notice. We estimate NOT TO EXCEED costs of \$180,000 for this option should it be necessary.

While this proposal is vetted by the City, I hope to meet in the interim, as soon as possible, with Engineering and Operations to further review any available Atlas, Asbuilt, Laying Schedule, and the Site to soundly coordinate the Emergency response plan-of-action. We also request to meet with Airport Security to coordinate procedures for access.

Thank you for this opportunity to serve the City of Fort Lauderdale. We guarantee the exceedance of its constituents' expectations.

Sincerely,

David Mancini
President
David Mancini & Sons Inc.
954-605-3982



DAVID MANCINI
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Request for Change Order #1 - Furnish & Install 42-INCH Butterfly Valve

PO: PP191632

PROJECT #: Emergency Repairs - Five Ash 42-INCH Watermain

CONTRACTOR: David Mancini & Sons, Inc. (DMSI)

Date: 7/24/2019

*Proposal to Furnish, Mobilize to Site, and Install a 42" Butterfly Valve in repair Zone
42" DeZURIK Mechanical Joint Butterfly Valve with Buried Service Gear Actuator and 2" Op Nut.*

SUMMARY OF DIRECT COSTS

TOTAL LABOR	\$	1,114.72
TOTAL EQUIPMENT	\$	1,894.14
TOTAL SHIPPING		\$1,468.10
TOTAL MATERIAL	\$	24,486.00
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TOTAL COST	\$	28,962.96
MARK-UP	10% \$	2,896.30
TOTAL LUMP SUM PRICE	\$	31,859.25

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LABOR COSTS -



LABOR BURDEN MULTIPLIER (LBM) 57.92%

Social Security Contributions & Excise and Payroll	6.20%
Medicate Rate	1.45%
Unemployment	5.49%
Workmens Compensation	6.88%
Health Benefits	14.20%
Retirement Benefits	23.70%

SUMMARY - LABOR COSTS

SUPERVISION	See Below
MAINLINE CREW	See Below
SERVICE CREW	See Below
RESTORATION	See Below
TOTAL LABOR	\$ 1,114.72

VACATION MULTIPLIER (VM) 13.00%

Sick Leave (1 week out of 52)
 Vacation (2 weeks out of 52)
 Holiday Pay (1 week out of 52)

Insurance Schedule 4.35%

General Liability Insurance 4.35%

Total Burden Rate 75.27%

SUPERVISION	Hourly Rate	OT- Rate	Burden	Hours	OT-Hours	Total Cost
Project Manager (David Mancini Jr.)	\$ 57.69	\$ 57.69	1.7527			\$ -
Superintendant (Nelson Liberti)	\$ 60.00	\$ 60.00	1.7527			\$ -
SUBTOTAL						\$ -

TRUCK DRIVERS - Water Main DMSI	Hourly Rate	OT- Rate	Burden	Hours	OT-Hours	Total Cost
Driver (Ramiro L. Mendez)	\$ 31.50	\$ 47.25	1.7527	6		\$ 331.26
Driver (Carlos Roman)	\$ 32.45	\$ 48.68	1.7527			\$ -
Driver (Jose Almedia)	\$ 32.45	\$ 48.68	1.7527			\$ -
Driver (Ron Johnson)	\$ 34.00	\$ 51.00	1.7527			\$ -
SUBTOTAL						\$ 331.26

MAINLINE CREW - Water Main DMSI	Hourly Rate	OT- Rate	Burden	Hours	OT-Hours	Total Cost
Richard Mancini	\$ 48.08	\$ 48.08	1.7527			\$ -
HOLCOMBE; EARNEST	\$ 27.00	\$ 40.50	1.7527	6		\$ 283.94
KALTZ; RYAN	\$ 45.00	\$ 45.00	1.7527			\$ -
DUCKSWORTH; LARRY	\$ 15.25	\$ 22.88	1.7527			\$ -
Felton Jr, Willie B	\$ 17.00	\$ 25.50	1.7527			\$ -
GORDON; LENROY O	\$ 16.00	\$ 24.00	1.7527			\$ -
GRACE; JEROME	\$ 15.25	\$ 22.88	1.7527			\$ -
MADISON; WILLIE E	\$ 16.00	\$ 24.00	1.7527			\$ -
SANTOS; JORGE	\$ 24.50	\$ 36.75	1.7527	6		\$ 257.65
WHITE; LOXLEY R	\$ 19.50	\$ 29.25	1.7527			\$ -
FATAL; PETRAD	\$ 23.00	\$ 34.50	1.7527	6		\$ 241.87
KHALIL AIKEN	\$ 24.50	\$ 36.75	1.7527			\$ -
SUBTOTAL LABOR						\$ 783.46

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EQUIPMENT COSTS - MAINLINE CREW

Excavators	Hourly Rate		HOURS	Total Cost
CAT 365	\$ 254.50			\$ -
CAT 328	\$ 126.31		6	\$ 757.86
CAT 305	\$ 28.55			\$ -
Mini Excavator - John Deere 60 (DMSI)	\$ 40.24			\$ -
Loaders	Hourly Rate		HOURS	Total Cost
CAT 938	\$ 64.39			\$ -
Deere 624	\$ 70.18		6	\$ 421.08
CAT 262 Skid steer (DMSI)	\$ 40.91			\$ -
Broom Attachment (DMSI)	\$ 9.62			\$ -
Trucks	Hourly Rate		HOURS	Total Cost
Dump Truck (18 CY) With Trailer	\$ 100.79		6	\$ 604.74
Pick-Up Truck - Gas 3/4T (DMSI)	\$ 18.41		6	\$ 110.46
Water Truck (3000 Gal) (DMSI)	\$ 40.74			\$ -
SUBTOTAL				\$ 1,894.14

SUBCONTRACTOR COSTS

Subcontractor Description	UNIT	Unit Cost	Total Cost
Accelerated Freight Shipping	LS	\$ 1,468.10	\$1,468.10
SUBTOTAL			\$1,468.10

MATERIAL COSTS

MATERIAL COSTS - LUMP SUM	QTY	UNIT	Unit Cost	Total Cost
42-INCH Butterfly Valve (Direct Bury)	1	EA	\$ 19,620.00	\$ 19,620.00
42-INCH Megalug + Accy Kits	2	EA	\$ 1,740.00	\$ 3,480.00
SUBTOTAL				\$ 23,100.00
TAX				6% \$ 1,386.00
TOTAL MATERIALS COST				\$ 24,486.00

Active Sites 2019				
#	Q Number	Property Name	Address	DRC Case #
1	24806	Reserve at Edgewood	28th and SW 15 Ave	Pre14003
2	30297	2nd St. LDV	411 NE 2 St	
3	30435	Tropical	501 NE 3 Ave	R14018
4	31888	Quantum	701 N US 1	
5	55856	4 Seasons	515-525 N A1A	
6	59247	Pulnam (Phase II)	400 NE 3 Ave	R15034
7	75843	WAWA	SWC Cpress Crk. & Pow. Line RD	ZR15006
8	81710	New River Yacht Club	477 SW 1st Ave	
9	99478	3030 N Ocean	3030 N Ocean Dr	R16003
10	99480	Alla (restarted as Phase II)	421 NE 6th Street	R16005
11	101812	Poinciana Fire Station	1717 SW 1st Ave	R16008
12	110977	4 W Las Olas AKA X Las Olas	4 W Las Olas 301 W Las Olas	R16013
13	127658	FXE Shelt Air	1700 NW	
14	133463	Griffiths Center Pt.	790 E. Broward Blvd.	E16006
15	133509	TREH Holco/ The Residences of Las Olas	100 E Las Olas	R16023
16	143866	FL Marine Prop	2990 W SR 84	R16046
17	158295	Las Olas Walk- South	200 S Federal Hwy	R16058
18	158296	Las Olas Walk- North	116 S Federal Hwy	R16059
19	172933	Whole Foods	501 SE 17th Street	R16073
20	172953	RSJ 14th Ct. Prop Invest LLC	1405 NE 7th Ave	R17001
21	172954	Cambria Suites	2231 N Ocean Blvd	R17003
22	179053	Blackhawk / Bank	550 S. Andrews Ave	
23	179817	BRArchCo	500 N Andrwrs	R17010
24	179819	Circle K	901 W Sunrise Blvd	R17011
25	189185	Progresso Commons	921 N Andrews	Moss
26	200462	Maserati	5750 N Federal HWY	R17026
27	200478	Car Wash	2700 W Broward Blvd	
28	225445	Holman Renovation	900 E Sunrise BLVD	R17046
29	225659	Housing Authority	425 SW 4th Ave	R17043
30	277067	Six13 Arena of Faith	613 NW 3rd Ave	R17075
31	279843	Residences of Las Olas	200 Las Olas Way	
32	285846	Bridge Logistics	1300 SW 32nd CT	R18006
33	310357	212 Partners	212 SE 2nd Ave	R17032
34	380489	Modera 555	501 NE 8th St	R18060
35	424171	Las Olas Corridor	Las Olas from A1A to Intra-Coastal	R15062
36	431816	YMCA	1409 NW 6th ST	R19004
37	439037	Sano Jet Center	1525 NW 56th ST	R19009
38	477256	Lockhart Stadium	1350 NW 55th ST.	Not on DRC???
39	499859	Broward County Expansion	1950 Eisenhower	R19045
40	508906	Riverbend (phase II)	2201 W Broward Blvd	
41	508908	Holiday Park (football / soccer fields)	Middle of Holiday Park	
42	143794 -279029	Belmont Village (AKA 1081 Seminole)	2539 E Sunrise Blvd	R16034
43	840943 30442	KC aviation	5901 NW 24 wy	
44				