



WATER UTILITIES DEPARTMENT
301 COLLEGE STREET
LAKE WORTH BEACH, FL 33460
561.586.1710

CHANGE ORDER

Project Number: WT 1803 **Contractor:** David Mancini & Sons Inc.

Project Name: Lake Osborne Estate Watermain Improvement Project – Ph 1

Change Order Number: 01

Change Order Effective Date: 10/06/2020 **Contractor Phone:** 954-977-3556

Change Order Type: Increasing **Existing Purchase Order Number:** 181019

Description of Change:

1. Contractor was asked to perform two (2) 8" horizontal direction drills at High Ridge Road in order to avoid the recently completed roadwork by Palm Beach County. Cost of work is \$37,149.18 and will be paid out of contract construction contingency line. Change adds 25 contract days.
2. The water utility discovered several missing sections of the Lake Osborne Estates distribution system previously unknown until field investigations uncovered the unforeseen condition. The water department fast tracked a design plan to resolve the missing loops and to standardize the locations of the mains and meters as designed in Phase 1. In addition, the utility desired to relocate the rear meters on several properties that could be accommodated by utilizing existing watermain. The contractor has agreed to do this work under the current Phase 1 contract utilizing contract line items. The expansion work adds 90 contract days

This task 2 proposal also includes additional administrative and permit costs associated to the unforeseen requirement established by the Palm Beach County Department of Health for obtaining "Onsite Sewage Treatment and Disposal Systems for Construction Permit" as a condition of granting the plumbing permits for the properties. The unforeseen permit requirement caused a contract delay of 117 days.

The total cost of task 2 expansion work and the unforeseen permit increases the contract by \$349,429.19.

1. Horizontal Direction Drill at High Ridge Road



DAVID MANCINI
& SONS, INC.

3401 N. Miami Ave Miami Florida, 33127 Suite 213,214
PH: (305) 532-8827 FAX: (305) 532-8835

2601 Wiles Rd Pompano Beach Florida 33073
PH: (954) 977-3556 FAX: (954) 944-2040

PROJECT: LAKE OSBORNE ESTATES WATER MAIN IMPROVEMENTS PHASE I
CONTRACTOR: David Mancini & Sons, Inc. (DMSI)
Date: 3/18/2020

Description: Furnishing and installing two (2) - 8" HDD w.HDPE DR-11 DIPS.

Excludes: Permitting, Restoration Work to be billed under current Pay Items.

Location: +/- Sta. 39+75 and Sta. 53+18

SUMMARY OF DIRECT COSTS

TOTAL LABOR (DMSI)	\$	5,517.75
TOTAL EQUIPMENT (DMSI)	\$	3,290.08
TOTAL MATERIAL (DMSI)	\$	1,995.81
TOTAL SUB (CENTERLINE & FILLIPELLI)	\$	21,500.00
Subtotal Direct Cost	\$	32,303.64
Contractor's Markup 15%	\$	4,845.55
Total Direct Cost	\$	37,149.18

SUMMARY OF TIME IMPACT (REQUEST FOR ADDITIONAL TIME)

#	Description	DELAY		Unit	CONTRACT TIME
		START	END	WORKING DAYS	
<u>1</u>	Additional Time Required to Cover Extra Work				25
	Additional Time Required to complete the work				25.0

LABOR COSTS -

LABOR BURDEN MULTIPLIER (LBM)		58.20%
Social Security Contributions & Excise and Payroll	6.20%	
Medicate Rate	1.45%	
Unemployment	5.49%	
Workmens Compensation	7.16%	
Health Benefits	14.20%	
Retirement Benefits	23.70%	

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	75.55%
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SUMMARY - LABOR COSTS		
SUPERVISION		See Below
MAINLINE CREW		See Below
SERVICE CREW		See Below
RESTORATION		See Below
TOTAL LABOR		\$ 5,517.75

SUPERVISION	Hourly Rate (Salary)	Hours (Salary)	Total Cost
Project Manager (Fabio Angarita)	\$ 55.00	2	\$ 110.00
Superintendent (Richard Mancini)	\$ 45.00	4	\$ 180.00
Ass. Project Manager (David Hearn)	\$ 25.00	8	\$ 200.00
TOTAL SUPERVISION			\$ 490.00

MAINLINE CREW - Water Main DMSI	Hourly Rate	OT- Rate	Power Tool Rate	Hours	OT-Hours	Power Tools Hours	Total Cost
Foreman	\$ 30.00	\$ 45.00	\$ 0.50	20.0			\$ 1,053.30
Backhoe Operator	\$ 24.50	\$ 36.75	\$ 0.50	16.0			\$ 688.16
Loader Operator	\$ 24.50	\$ 36.75	\$ 0.50	16.0			\$ 688.16
Pipelayer	\$ 19.00	\$ 28.50	\$ 0.50	20.0			\$ 667.09
Pipelayer	\$ 21.00	\$ 31.50	\$ 0.50	20.0			\$ 737.31
Laborer	\$ 18.00	\$ 27.00	\$ 0.50	20.0			\$ 631.98
Laborer	\$ 16.00	\$ 24.00	\$ 0.50	20.0			\$ 561.76
TOTAL LABOR							\$ 5,027.75

EQUIPMENT COST

EQUIPMENT COSTS - MAINLINE CREW & RESTORATION

Excavators	Hourly Rate	Idle	Running HRS	Stand By	Total Cost
Mini Excavator CAT 308 CR	\$ 56.34	\$ 38.61	16		\$ 901.44
Loaders	Hourly Rate	Stand-by	Running HRS	Stand By	Total Cost
Deere 624 K	\$ 70.10	\$ 52.59	16		\$ 1,121.60
Trucks	Hourly Rate	Stand-by	Running HRS	Stand By	Total Cost
Dump Truck (18 CY) (Falero Rental Rate)	\$ 45.00		16		\$ 720.00
Pick-Up Truck - Chevy 2500 (DMSI)	\$ 24.60	\$ 20.35	16		\$ 393.60
Miscellaneous Equipment	Hourly Rate	Stand-by	Running HRS	Stand By	Total Cost
3" Trash Pump and Hoses (DMSI)	\$ 8.80	\$ 5.17	16		\$ 140.80
Chop Saw (DMSI)	\$ 0.79	\$ 0.06	16		\$ 12.64
TOTAL EQUIPMENT					\$ 3,290.08

MATERIAL COSTS

Material Description	QTY	Unit	Unit Cost	Total Cost
8" HDPE DR-11	120	LF	\$ 11.19	\$ 1,342.80
8" HDPE MJ ADAPTERS	4	EA	\$ 93.83	\$ 375.32
8" MJ ACCESSORIES	4	EA	\$ 36.78	\$ 147.12
7% Sales Tax				\$ 130.57
TOTAL MATERIAL				\$ 1,995.81

SUBCONTRACTORS

Description	QTY	Unit	Unit Cost	Total Cost
Installation of 8"HDD Under High Ridge Rd (Excluding materials, pit excavation, backfilling, restoration hydrostatic testing and As-Builts)	2	EA	\$ 10,000.00	\$ 20,000.00
Survey and As-Builts	1	LS	\$ 1,500.00	\$ 1,500.00
TOTAL SUBCONTRACTORS				\$ 21,500.00

Rental Rate Blue Book®

March 18, 2020

Caterpillar 308E2 CR

Crawler Mounted Hydraulic Excavators



Size Class:

8.1 - 10.0 MTons

Weight:

N/A

Configuration for 308E2 CR

Bucket Capacity - Heaped
Operating Weight

0.1 cu yd
18519 lbs

Net Horsepower
Power Mode

65 hp
Diesel

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$5,535.00	USD \$1,550.00	USD \$390.00	USD \$59.00	USD \$24.89	USD \$56.34
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2020: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$5,535.00	USD \$1,550.00	USD \$390.00	USD \$59.00	USD \$24.89	USD \$56.34

Non-Active Use Rates

Standby Rate
Idling Rate

Hourly
USD \$16.67
USD \$38.61

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	37%	USD \$2,047.95/mo
Overhaul (ownership)	46%	USD \$2,546.10/mo
CFC (ownership)	10%	USD \$553.50/mo
Indirect (ownership)	6%	USD \$332.10/mo
Fuel (operating) @ USD 3.07	29%	USD \$7.16/hr

Revised Date: 1st half 2020

These are the most accurate rates for the selected Revision Date(s). However, due to more frequent online updates, these rates may not match Rental Rate Blue Book Print. Visit the Cost Recovery Product Guide on our Help page for more information.

The equipment represented in this report has been exclusively prepared for DAVID MANCINI
(dmancinijr@dmsi.co)

Rental Rate Blue Book®

March 18, 2020

Deere 624K (disc. 2016)

4-Wd Articulated Wheel Loaders

Size Class:
175 - 199 HP
 Weight:
33477 lbs



Configuration for 624K (disc. 2016)

Bucket Capacity - Heaped
 Operator Protection

3.5 cu yd
ROPS/FOPS

Net Horsepower
 Power Mode

186.0 hp
Diesel

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$6,030.00	USD \$1,690.00	USD \$425.00	USD \$64.00	USD \$35.84	USD \$70.10
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2016: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$6,030.00	USD \$1,690.00	USD \$425.00	USD \$64.00	USD \$35.84	USD \$70.10

Non-Active Use Rates

Standby Rate
 Idling Rate

Hourly

USD \$21.58
 USD \$52.59

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	41%	USD \$2,472.30/mo
Overhaul (ownership)	37%	USD \$2,231.10/mo
CFC (ownership)	12%	USD \$723.60/mo
Indirect (ownership)	10%	USD \$603.00/mo
Fuel (operating) @ USD 3.07	51%	USD \$18.33/hr

Revised Date: 1st half 2020

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March 18, 2020

GMC/CHEVY 2500

4 n-Highway Wght L kty prkczs

Site class*
200 - 299 HP
Eight*
N/A


Configuration for 2500

Ability configuration	4.0 x 2.0	Capacity	Crew
Power	280.0 hp	Power Mode	Gasoline
Power Rating	3.0 / 4.0		

Blue Book Rates

Rental Rate is equal to the monthly ownership cost divided by 176 Hrs the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Quoted Rates	USL \$1,110.00	USL \$310.00	USL \$78.00	USL \$12.00	USL \$18.20	USL \$29.60
Adjustments						
Region (1005)	-	-	-	-		
Model Year (2020* 1005)	-	-	-	-		
Adjusted Monthly Ownership Cost (1005)	-	-	-	-		
Hourly Operating Cost (1005)					-	
Total:	USD \$1,110.00	USD \$310.00	USD \$78.00	USD \$12.00	USD \$18.29	USD \$24.60

Non-Active Use Rates

Standby Rate	Hourly	USL \$9.60
Idling Rate		USL \$20.30

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	95	USL \$1,005.00/mo
4 year (ownership)	275	USL \$200.70/mo
fuel (ownership)	75	USL \$77.70/mo
Indirect (ownership)	125	USL \$133.20/mo
fuel (operating) @ USL 2.1	775	USL \$19.09/hr

Revised Rate* 1st half 2020

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Rental Rate Blue Book®

March 18, 2020

Miscellaneous 14 CHOP SAW

Cut-Off Machines

Size Class:

All

Weight:

47 lbs


Configuration for 14 CHOP SAW

Cut Capacity	To 5' (Pipe O.D.)	Power Mode	Electric
Type	14' Chop saw		

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$11.00	USD \$3.00	USD \$0.75	USD \$0.11	USD \$0.73	USD \$0.79
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2020: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$11.00	USD \$3.00	USD \$0.75	USD \$0.11	USD \$0.73	USD \$0.79

Non-Active Use Rates

	Hourly
Standby Rate	USD \$0.06
Idling Rate	USD \$0.06

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	71%	USD \$7.81/mo
Overhaul (ownership)	0%	USD \$0.00/mo
CFC (ownership)	17%	USD \$1.87/mo
Indirect (ownership)	13%	USD \$1.43/mo

Fuel cost data is not available for these rates.

Revised Date: 1st half 2020

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(dmancinijr@dmsi.co)

Rental Rate Blue Book®

March 18, 2020

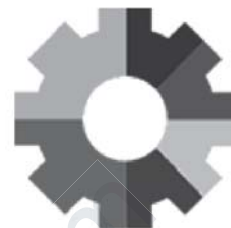
Wacker Neuson PDT 3A

Diaphragm Pumps

Size Class:

3 Inch

Weight:

N/A


Configuration for PDT 3A

Horsepower	3.5 hp	Power Mode	Gasoline
Pump Capacity	88 gal/min	Size	3 in

Blue Book Rates

** FHWA Rate is equal to the monthly ownership cost divided by 176 plus the hourly estimated operating cost.

	Ownership Costs				Estimated Operating Costs	FHWA Rate**
	Monthly	Weekly	Daily	Hourly	Hourly	Hourly
Published Rates	USD \$805.00	USD \$225.00	USD \$56.00	USD \$8.00	USD \$4.23	USD \$8.80
Adjustments						
Region (100%)	-	-	-	-		
Model Year (2020: 100%)	-	-	-	-		
Adjusted Hourly Ownership Cost (100%)	-	-	-	-		
Hourly Operating Cost (100%)					-	
Total:	USD \$805.00	USD \$225.00	USD \$56.00	USD \$8.00	USD \$4.23	USD \$8.80

Non-Active Use Rates

	Hourly
Standby Rate	USD \$1.10
Idling Rate	USD \$5.17

Rate Element Allocation

Element	Percentage	Value
Depreciation (ownership)	16%	USD \$128.80/mo
Overhaul (ownership)	76%	USD \$611.80/mo
CFC (ownership)	3%	USD \$24.15/mo
Indirect (ownership)	5%	USD \$40.25/mo
Fuel (operating) @ USD 2.51	14%	USD \$0.60/hr

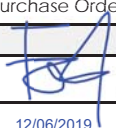
Revised Date: 1st half 2020

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(dmancinijr@dmsi.co)

GENERAL CONTRACTOR

BLANKET SUBCONTRACTOR - PURCHASE ORDER

PROJECT NAME:		LAKE OSBORNE ESTATES WATER MAIN PHASE I PROJECT NO. WT1803			BLANKET SUB No.:		19-BL.AFD.08		
VENDOR:		A. FALERO DISTRIBUTORS			P.O. No.:		19-LW.LOWM # 08		
VENDOR PHONE:		305-665-9196		ATTN:		ALEX FALERO		COUNTY:	PALM BEACH
VENDOR ADDRESS:		10420 SW 77TH AVENUE, SUITE 202, PINECREST, FL 33156			START DATE:		12/9/2019		
JOB ADDRESS:		CITY OF LAKE WORTH BEACH - Lake Osborne Dr & High Ridge Dr, Lake Worth, Fl.							
PLEASE FABRICATE/PROCURE THE FOLLOWING ITEMS: After Shop Drawing Approval (If applicable)					PRICES FIRM FOR PROJECT DURATION				
ITEM No.	Vendor Code	DESCRIPTION	COST CODE	QTY	PRICE	UM	TOTAL PRICE		
1	AFALTR	Limerock (Material)	1-100	500	\$ 7.50	TON	\$ 3,750.00		
2	AFALTR	Material 57 Rock	1-100	100	\$ 14.75	TON	\$ 1,475.00		
3	AFALTR	Material LBR-40	1-100	100	\$ 6.50	TON	\$ 650.00		
						Subtotal Material		\$ 5,875.00	
						Tax 7%		\$ 411.25	
4	AFALTR	Limerock (Hauling)	1-100	500	\$ 8.00	TON	\$ 4,000.00		
5	AFALTR	Hauling 57 Rock	1-100	100	\$ 8.00	TON	\$ 800.00		
6	AFALTR	Hauling of LBR-40	1-100	100	\$ 8.00	TON	\$ 800.00		
7	AFALTR	Truck by hour 160 hours.	1-100	160	\$ 45.00	HR	\$ 7,200.00		
8	AFALTR	Haul and disposal of asphalt	1-100	20	\$ 150.00	LD	\$ 3,000.00		
9	AFALTR	Haul and disposal of concrete (Tractor Trailer)	1-100	5	\$ 250.00	LD	\$ 1,250.00		
10	AFALTR	Haul and disposal of vegetation	1-100	5	\$ 500.00	LD	\$ 2,500.00		
11	AFALTR	Haul and disposal of muck	1-100	5	\$ 150.00	LD	\$ 750.00		
IMPORTANT: In order for any payment to be processed, "Blanket SUB No.", "P.O. No." and "Item No." MUST APPEAR ON ALL INVOICES **Mail all original invoices and correspondence to Main Office (2601 Wiles Road Pompano Beach, Florida 33073)**					Total P.O. Amount:		\$ 26,586.25		
Subcontractor is required to call in their own locate tickets for any applicable work.									
The acceptance of this offer to enter into this Blanket Subcontractor - Purchase Order is limited to the terms of this Blanket Subcontractor Purchase Order and referenced Blanket Subcontract. Any different or additional term(s) proposed by Seller, whether contained in Seller's acceptance, sales orders, delivery tickets or other like document are objected to by David Mancini & Sons, Inc. (DMSI) and shall not become part of this Blanket Subcontractor - Purchase Order. This Blanket Subcontractor - Purchase Order becomes a contract when DMSI receives a written acceptance thereto or upon Seller delivering goods to DMSI. The term "goods" includes associated materials, components, services and facilities. Seller shall furnish those goods as set forth in this Blanket Subcontractor - Purchase Order. Seller's form of acceptance, sales order(s), delivery ticket(s), or other like document shall not govern the relationship between the parties, and any different, additional or contradictory terms and conditions contained in Seller's document shall not affect DMSI's or Seller's rights, remedies and obligations. Reference in this Blanket Subcontractor - Purchase Order to Seller's quotation, sales literature, or other documents are for purposes of description and price only.									
**Payment will be made on completed work; no partial payment will be made unless owner agrees. **									
**Payment will be delayed if delivery tickets and pick up tickets are not signed by DMSI personnel **									
Subcontractor will adhere to applicable Wage Schedule for the year the work is performed.									
When the term "Contractor" is utilized in prime contract documents, it is understood that "Subcontractor" is responsible for Project requirements regarding subcontractors works.									
Vendor will include a copy of the corresponding release and delivery receipt. Failure to do so will result in NON PAYMENT.									
Bill line items using Forms AIA G702 & G703 Application for Payment or similar.									
** Vendor agrees NOT to charge restocking fees to DMSI on products included in this Purchase Order Agreement **									
DAVID MANCINI & SONS, INC. APPROVAL									
By: Fabio Angarita					Signature: 				
Title: Project Manager					Date: 12/06/2019				
A. FALERO DISTRIBUTORS APPROVAL									
By:					Signature:				
Title:					Date:				



Bill To:
116717
DAVID MANCINI & SONS INC
1939 NW 40TH CT
POMPANO BEACH, FL 33064

Ship To:
DAVID MANCINI & SONS INC
COUNTRY CLUB VILLAGE
INFRASTRUCTURE UPGRADE
BOCA RATON, FL 33427

Quote Number	09041495
Quote Date	12/12/19
Expiration Date	01/03/20
Page	1 of 1

Payment Terms NET 30	Customer Job/Project Name COUNTRY CLUB VILLAGE	Written By STEVE HERP, Ext 6665
Freight Terms PREPAID AND ALLOW	Contact	Sales Rep BRYAN FLETCHER
Ship Via Best Way	Additional Info Country Club Village Infrastructure Upgrade (Boca Raton, FL)	

#	Qty	UM	Product	Description	Each	Extended
1	480	FT	10181112	18" DR 11 DIPS PIPE HDPE AWWA BLUE STR 40' JOINTS	47.62	22,857.60
2	200	FT	10081110	8" DR 11 DIPS PIPE HDPE AWWA BLUE STR 40' JOINTS	11.19	2,238.00
3	200	FT	10061110	6" DR 11 DIPS PIPE HDPE AWWA BLUE STR 40' JOINTS	6.50	1,300.00
4	2	EA	53181115	18" DR11 DIPS MJ ADAPTER ONLY PE WITHOUT SS STIFFENER	402.75	805.50
5	2	EA	53180037	18" ACCESSORY KIT C110 FOR MJ ADAPTER W/ BOLTS, GASKET	64.64	129.28
6	2	EA	53180047	18" IPS / DIPS GLAND C110 RING FOR MJ ADAPTER	136.93	273.86
7	2	EA	53081126	8" DR 11 DIPS MJ ADAPTER ONLY PE WITHOUT SS STIFFENER	93.83	187.66
8	2	EA	53080091	8" ACCESSORY KIT C153 FOR MJ ADAPTER W/GLAND, BOLTS, GASKET	36.78	73.56
9	2	EA	53061132	6" DR 11 DIPS MJ ADAPTER ONLY PE WITHOUT SS STIFFENER	88.50	176.60
10	2	EA	53060080	6" ACCESSORY KIT C153 FOR MJ ADAPTER W/GLAND, BOLTS, GASKET	27.95	55.90
11	1	EA	99999998	PRICING INCLUDES FREIGHT DELIVERED TO BOCA RATON, FL	0.00	0.00
Subtotal						28,097.96
UNAPPROVED ALTERNATE ON FPVC						
12	1,500	FT	10261710	26" DR 17 IPS PIPE HDPE 50' JOINTS	49.52	74,280.00
13	1,500	FT	10181112	18" DR 11 DIPS PIPE HDPE AWWA BLUE STR 50' JOINTS	41.34	62,010.00
14	1	EA	99999998	PRICING INCLUDES FREIGHT DELIVERED TO BOCA RATON, FL	0.00	0.00
Subtotal						136,290.00

ISCO Standard Terms and Conditions apply. Please visit <http://www.isco-pipe.com/terms-and-conditions.aspx>

Merchandise Total	Tax(1)	Freight(2)	Quote Total
164,387.96	9,863.28	0.00	US \$ 174,251.24
1 Sales tax will be charged based on the ship to address at the time of invoice if there is no tax certificate on file.		Accepted By: _____	
2 Freight amount in this quote is an estimate only. Actual freight terms and charges will be determined at the time the order is placed.		Printed Name: _____	
		Date: _____	

100 WITHERSPOON ST * LOUISVILLE, KY 40202
800-345-4726

2. Expansion Work and Unforeseen Permitting



DAVID MANCINI
& SONS, INC.

September 24, 2020

VIA Email

Giles Rhodes, P.E.
Assistant Director
Water Utilities
City of Lake Worth Beach

Project: Lake Osborne Estates – Cost Proposal for Water Main Expansion

Dear Mr. Rhodes:

We are hereby submitting a Cost Proposal for a Water Main Expansion for the additional work included in correspondence received on August 11, 2020 which incorporates seven (7) new water services along Lake Osborne Drive between Lantana Dr and Crest Dr, three (3) new water services along High Ridge for the properties 5581, 5573 and 1407, water main extension along High Ridge to connect to the existing water main South of Lake Geneva Dr, Water Main Expansion along Lake Geneva Drive from High Ridge Road to Cochran Dr, three (3) new water services along Nanette Ct and new water services for three (3) properties along Ontario Dr for a not to exceed amount of \$349,429.19 and ninety (90) additional contract days. (Breakdown attached).

The cost proposal also includes in the Item # 51 and 52, all the additional administrative and permit cost associated to the unforeseen requirement established by the Department of Health of obtaining a "Onsite Sewage Treatment and Disposal System for Construction Permit" as a condition of granting the Plumbing Permits for the properties of the Phase I and for the Expansion.

The unforeseen Sewage Permit requirement caused, as of now, a Contract delay of one hundred and seventeen (117) days which resembles the period between the first correspondence received from the Florida Department of Health, January 9, 2020 requesting additional information and the date when we started receiving their approvals May 5, 2020.

Respectfully,

A handwritten signature in blue ink, appearing to read "Fabio Angarita", is written over a light blue grid background.

Fabio Angarita
Project Manager
David Mancini & Sons Inc.

Lake Osborne Estates Expansion
Summary of Cost

ITEM	DESCRIPTION	UNIT	QTY	U. PRICE	TOTAL
	General				
1	Mobilization and Demobilization (5%)	LS	1.00	15,062.00	15,062.00
2	Maintenance of Traffic (4%)	LS	1.00	12,049.00	12,049.00
3	Testing (2%)	LS	1.00	6,025.00	6,025.00
4	Survey Stake -out & As-Builts (2%)	LS	1.00	6,025.00	6,025.00
5	Erosion Control/ SWPPP w/ all permit fees (3%)	LS	1.00	9,037.00	9,037.00
				Subtotal	48,198.00
	Water Main				
6	4" C-900 PVC WM (incl. backfill, subgrade and base)	LF	50.00	21.00	1,050.00
7	6" C-900 PVC WM (incl. backfill, subgrade and base)	LF	1,364.00	20.00	27,280.00
8	6" DIP WM (incl. backfill, subgrade and base)	LF	28.00	32.00	896.00
9	4" GV	EA	2.00	1,019.00	2,038.00
10	6" GV	EA	4.00	1,166.00	4,664.00
11	DIP Fittings	TN	2.00	5,000.00	10,000.00
12	NEW Fire Hydrant Assembly (W/ 6" gv)	EA	2.00	4,000.00	8,000.00
13	Connect to Exist. 4" CI WM (incl. hymax coupling or equal and trust block)	EA	1.00	2,000.00	2,000.00
14	Connect to Exist. 4" ACPI WM (incl. hymax coupling or equal and trust block)	EA	1.00	2,700.00	2,700.00
15	Connect to Exist. 6" PVC WM (incl. hymax coupling or equal and trust block)	EA	1.00	2,000.00	2,000.00
16	Connect to Exist. 6" ACP WM (incl. hymax coupling or equal and trust block)	EA	1.00	2,700.00	2,700.00
17	Connect to Exist. 8" PVC WM (incl. hymax coupling or equal and trust block)	EA	1.00	2,500.00	2,500.00
18	1" PE Short Single Water Service (open cut), inc. Meter Box	EA	9.00	811.00	7,299.00
19	1" PE Short Double Water Service (open cut), inc. Meter Box	EA	5.00	955.00	4,775.00
20	2" PE Long Single Water Service (open cut), inc. Meter Box	EA	1.00	3,000.00	3,000.00
21	1" PE Long Single Water Service (trenchless with 2" casing) inc Meter Box	EA	16.00	965.00	15,440.00
22	1" PE Long Double Water Service (trenchless with 2" casing) inc Meter Box	EA	3.00	1,170.00	3,510.00
23	Sample Point (Inc. Bacteriological Sampling)	EA	5.00	375.00	1,875.00
24	Reroute existing house service from rear to front property including relocation of existing meter	EA	37.00	1,165.00	43,105.00
25	Connect to existing meter s at Frontage	EA	2.00	750.00	1,500.00
26	6" WM CAP w/ 2" Blowoff Assembly	EA	1.00	1,480.00	1,480.00
				Subtotal	147,812.00
	Demo				
27	Grout Fill & Abandon-In-Place Existing 4" ACP WM (R/W Areas)	LF	50.00	5.50	275.00
28	Grout Fill & Abandon-In-Place Existing 6" ACP WM (R/W Areas)	LF	33.00	6.00	198.00
29	Grout Fill & Abandon -In-Place Existing 6" DIP WM (R/W Areas)	LF	473.00	7.00	3,311.00
33	Cut/ Cap Existing 6" ACP WM	EA	6.00	810.00	4,860.00
34	Cut/ Cap Existing 6" ACI WM	EA	4.00	810.00	3,240.00
36	Remove Existing FH assembly	EA	1.00	500.00	500.00
				Subtotal	12,384.00
	Restoration Items				
37	Asphalt Driveway Restoration	SY	20.00	109.00	2,180.00
38	Concrete Driveway Restoration	SY	126.00	54.00	6,804.00
39	Paver Driveway Restoration	SY	25.00	61.00	1,525.00
40	Asphalt Pavement 1.5" Milling (MINIMUM CHARGE)	LS	1.00	3,500.00	3,500.00
41	Asphalt Resurface with 1.5" FOOT SP12.5 (incl. WM trenchless)	SY	709.50	11.45	8,123.78
42	Asphalt Path Restoration	SY	38.50	15.25	587.13
43	Concrete Sidewalk Restoration - 4" thick	SY	244.20	43.00	10,500.60
44	Concrete Sidewalk Restoration - 6" thick at driveways	SY	546.70	53.00	28,975.10
45	ADA HC Ramps	EA	2.00	480.00	960.00
46	Detectable warnings	EA	2.00	393.00	786.00
47	Concrete Curb Restoration	LF	20.00	30.00	600.00
48	Sod and Swale restoration (incl. grading) per PBC Standards	SY	1,538.90	6.70	10,310.63
49	New wood fencing (Lake Osborne Drive)	LF		28.00	-
50	Remove and replace existing fencing in R/W	LF	50.00	23.00	1,150.00
				Subtotal	76,002.23

ITEM	DESCRIPTION	UNIT	QTY	U, PRICE	TOTAL
	Additional Items related to the DOH Sewer Application				
51	Additional administrative and labor cost related to the unforeseen requirement by DOH of applying for "ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM FOR CONSTRUCTION" as a requirement to obtain a Plumbing Permit to perform the transfers of the water meters from the back to the front of the properties.	LS	1.00	42,677.96	42,677.96
52	Additional Permit Fees by DOH	EA	263.00	85.00	22,355.00
				Subtotal	65,032.96
TOTALS					349,429.19



2601 Wiles Rd Pompano Beach Florida 33073
PH: (954) 977-3556 FAX: (954) 944-2040

PROJECT: LAKE OSBORNE ESTATES WATER MAIN IMPROVEMENTS PHASE I
CONTRACTOR: David Mancini & Sons, Inc. (DMSI)
Date: 9/15/2020

Description: Total administrative, labor and permit fees related to the unforeseen requirement by the DOH of filling an application for "ONSITE SEWAGE TREATMENT AND DISPOSAL SYSTEM FOR CONSTRUCTION" with sketches showing location of existing water meter, proposed water meter and clearances between proposed pipes and existing septic tanks and drain fields.

SUMMARY OF DIRECT COSTS

TOTAL LABOR (DMSI)	\$	37,111.27
TOTAL EQUIPMENT (DMSI)	\$	-
TOTAL MATERIAL (DMSI)	\$	-
TOTAL SUB	\$	-
Subtotal Direct Cost	\$	37,111.27
Contractor's Markup 15%	\$	5,566.69
Total Direct Cost	\$	42,677.96
Permit Fees	263	\$85/property
Grand Total	\$	65,032.96

SUMMARY OF TIME IMPACT (REQUEST FOR ADDITIONAL TIME)

#	Description	DELAY		Unit	CONTRACT TIME
		START	END	WORKING DAYS	
<u>1</u>	Additional Time Related to Unforeseen Requirement by DOH	1/9/2020	5/5/2020	117	117
					117.0

LABOR COSTS -

LABOR BURDEN MULTIPLIER (LBM)		58.20%
Social Security Contributions & Excise and Payroll	6.20%	
Medicate Rate	1.45%	
Unemployment	5.49%	
Workmens Compensation	7.16%	
Health Benefits	14.20%	
Retirement Benefits	23.70%	

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	75.55%
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SUMMARY - LABOR COSTS		
SUPERVISION		See Below
MAINLINE CREW		See Below
SERVICE CREW		See Below
RESTORATION		See Below
TOTAL LABOR		\$ 37,111.27

Elaboration of 245 sketches showing location of existing meter, proposed meter on top of sketch received from CAS showing location of existing drain fields and septic tanks and related field work.

SUPERVISION	Hourly Rate (Salary)	Hours (Salary)	Labor Burden	Total Cost				
Project Manager (Fabio Angarita)	\$ 57.50	40	75.55%	\$ 4,037.65				
Ass. Project Manager (Leydis Colomina)	\$ 31.25	480.0	75.55%	\$ 26,332.50				
TOTAL SUPERVISION				\$ 30,370.15				
MAINLINE CREW - Water Main DMSI	Hourly Rate	OT- Rate	Power Tool Rate	Hours	OT-Hours	Power Tools Hours	Total Cost	
Foreman	\$ 30.00	\$ 45.00	\$ 0.50	80.0			\$ 4,213.20	
Laborer	\$ 18.00	\$ 27.00	\$ 0.50	80.0			\$ 2,527.92	
TOTAL LABOR							\$ 6,741.12	

Price of Original Contract: \$ 2,618,649.00 authorized by Commission on 08/06/2019 Agenda Item 9.J.

Current Price of Contract (including Change Orders): \$2,618,649.00

Price of Current Change Order: \$349,429.19

New Contract Price: \$2,968,078.19

Basis of Price Change: X Unit Price X Time & Material Lump Sum

Contract Time Change

 No Change X Extended Decreased by 232 work days

The CONTRACTOR and the OWNER agree that this CHANGE ORDER represents the complete agreement of the parties with respect to these matters as of the date of this CHANGE ORDER. By approving this Change Order, the CONTRACTOR releases any and all claims that it may have against the OWNER under the subject contract including, but not limited to claims for equitable adjustments, which occurred or accrued prior to the effective date of this CHANGE ORDER.

This Change Order may be executed in counterparts and is not effective until approved by either the City Manager or City Commission (as designated on the last page of this Change Order).

Reviewed and Accepted by: Fabio Angarita, David Mancini and Sons, Inc.
(Contractor Name)
[Signature] Project Manager 9/25/2020
Contractor Representative (Signature) Title Date

Approved by: Brian Shields [Signature] 9/28/20
(Department Director) - Water (Date)

IN WITNESS WHEREOF, the OWNER/CITY has approved this Change Order No. 01 to the Lake Osborne Estates Watermain Improvement Phase 1 Project on October __, 20____.

CITY OF LAKE WORTH BEACH, FLORIDA

ATTEST:

By: _____
Deborah M. Andrea, City Clerk

By: _____
Pam Triolo, Mayor

APPROVED AS TO FORM AND
LEGAL SUFFICIENCY:

APPROVED FOR FINANCIAL
SUFFICIENCY

By: _____
Glen J. Torcivia, City Attorney

By: _____
Bruce T. Miller, Financial Services Director