



Interoffice Memorandum

January 19, 2024

TO: Mayor Jerry L. Demings
-AND-
County Commissioners

FROM: Ed Torres, M.S., P.E., LEED AP, Director
Utilities Department



SUBJECT: February 6, 2024 – Consent Item
Change Order Number 1 to Contract Y22-7003-ZR Force Main Lake Underhill at Chickasaw Trail
Contact Person: Troy Layton, BCEE, Manager
Utilities Field Services Division
407-254-9794

Metro Equipment Service, Inc., has submitted a price proposal for additional services under the terms of Contract Y22-7003-ZR. The project includes removal and replacement of approximately 1,500 linear feet of existing force main on Lake Underhill crossing Chickasaw Trail. Work includes removal and abandonment of the existing Forcemain and replacement of approximately 1,400 linear feet of 16-inch PVC force main, 200 linear feet of 12-inch force main, installation of plug valves, new air release valves, maintenance of traffic, direct wet taps, and associated road work with asphalt replacement of impacted areas.

The proposed Change Order Number 1, in the amount of \$344,910.56 provides for rerouting and redesign of the eastern force main connection point due to unforeseen field conflicts. The magnitude of the existing buried power lines and communications lines was not apparent during design and necessitated extending the 16-inch directional drill by an additional 250 liner feet. Extensive exploratory work was required to locate the conflicts and identify a feasible route along with an accessible connection point to the existing main. Additional bypass piping was also required due to the new connection point.

The original contract was in the amount of \$1,592,650. Change Order number 1 increases the contract value by \$344,910.56 or 21.7%. The revised contract amount is \$1,937,560.56.

Action Requested: Approval and execution of Change Order Number 1, Contract No. Y22-7003-ZR, Force Main Lake Underhill at Chickasaw Trail with Metro Equipment Service, Inc. in the amount of \$344,910.56, for a revised total contract amount of \$1,937,560.56.

District 3.

FEB 06 2024

ORANGE COUNTY UTILITIES

Contractor: Metro Equipment Service, Inc Change Order Number 1 Page 1 of 1
 Vendor Code _____ Date November 9, 2023
 Contract No. Y22-7003-ZR Original Contract Amount \$1,592,650.00
 Project Name FORCE MAIN LAKE UNDERHILL AT CHICKASAW TRAIL Revised Contract Amount \$1,937,560.56
 Engineer Atkins North America, Inc.

Sequence No. _____

Item No.	Quantities	Unit	Description	Unit Price	Additions	Deductions
16	327	LF	Abandon-In-Place Pipe	\$75.00	\$24,525.00	
17	-291	LF	Remove Existing Pipe	\$6.00		(\$1,746.00)
18	264	LF	Forcemain w/fittings & RJs (12" diameter)	\$650.00	\$171,600.00	
19	-208	LF	Forcemain w/fittings & RJs (16" diameter)	\$694.00		(\$144,352.00)
28	-1	EA	Air Release Valve Assembly (4" diameter)	\$13,000.00		(\$13,000.00)
30	254	LF	Directional Drill HDPE/PVC FM (16" diameter, valve to valve)	\$490.00	\$124,460.00	
	1	LS	Labor w/markup additional 12" bypass & exploratory digging	\$29,878.94	\$29,878.94	
	1	LS	Equipment w/markup additional 12" bypass & exploratory dig	\$105,119.15	\$105,119.15	
	1	LS	Materials w/markup additional 12" bypass & exploratory dig	\$31,551.42	\$31,551.42	
	1	LS	Misc. Requirements	\$10,111.09	\$10,111.09	
	1	LS	Additional Bonding & Insurance (2%)	\$6,762.96	\$6,762.96	
	265	DY	Non-compensible days		\$0.00	

			Totals	\$504,008.56	(\$159,098.00)
Percent Complete Time	Percent Complete Cost:		Net Dollars This Change Order	\$344,910.56	
Total Time Previous Change Orders	Days		Net Dollars Previous Change Order		
Total Time This Change Order	265	Days	Net Dollar Changes to Date	\$344,910.56	
Original Contract Time	180	Days	Original Contract Dollar Amount	\$1,592,650.00	
Revised Contract Time	445	Days	Revised Contract Dollar Amount	\$1,937,560.56	

CONTRACTOR

This change order includes not only all direct costs of contractor such as labor, material, job overhead, and profit markup but also includes any costs for modifications or changes in sequence of work to be performed, delays rescheduling, disruptions, extended direct overhead, acceleration, material, or other escalation which includes wages, and other impact costs.

BY [Signature] Date 12/10/2023
 Contractor's Signature

BY Nicolas Serrano Project Manager
 Accepted for Contractor By: Print Name & Title

ORANGE COUNTY UTILITIES


Approval Recommended:

By [Signature] Date 12/13/2023
 Chief Inspector Name: James Montalvo

By [Signature]
 Manager

By [Signature] Date 12/15/2023
 Director Utilities

By [Signature] Date 6 February 2024
 Orange County Mayor



PRICE NEGOTIATION MEMORANDUM

This memorandum must be completed for non-competitive procurements exceeding \$100,000 and for change orders to existing contracts that will require Board approval. The purpose of this form is to create an audit record evidencing that negotiations were conducted with the contractor/consultant/vendor, the extent of such negotiations, and that the overall price offered is fair and reasonable.

I. Subject: Project Y22-7003-ZR
 Contract Number
Force Main Lake Underhill at Chickasaw Trail
 Contract Title

II. Introductory Summary:

Negotiations for the purchase of: Extending the horizontal directional drill due to unforeseen conditions and constructability issues.
 Product/Services

Were completed on: 11/09/2023
 Date

With: Metro Equipment Company
 Contractor/Consultant/Vendor

The County's estimate, the Contractor's/Consultant's/Vendor's offer, and the agreed upon price are compared below. Each figure is based on the contract being firm-fixed-price.

County's Estimate	Contractors/Consultants/ Vendors Offer	Agreed Upon Price
	\$350,282.05	\$344,910.56

III. Particulars:

A. Complete Name and Metro Equipment Company
 Address of Company 9425 SW 72nd St., Suite 150 Miami, FL 33173

B. Lump Sum/Not-to-exceed \$1,937,560.56

C. Unit prices, (if applicable) quoted and negotiated. If many, attach as a schedule.

<u>Proposed</u>	<u>Negotiated</u>

D. Name and titles of persons representing the contractor/consultant and the County in the negotiations, identifying the principal negotiators:

<u>Name</u>	<u>Title</u>	<u>Organization</u>
<u>Danny Gonzalez</u>	<u>Project manager</u>	<u>Metro Equipment Company</u>
<u>Robert Bird</u>	<u>Engineering Inspector III</u>	<u>OCU</u>
<u>James Montalvo</u>	<u>Chief Utilities Inspector</u>	<u>OCU</u>

IV. Procurement Situation:

A. Describe what was discussed, to include any outside influences and time pressures.

Due to the construction limitations, the horizontal directional drill was requested to be extended to avoid the other under ground utilities installed in that corner.

B. Show the delivery schedule or period of performance. If there is a difference between the schedule desired or required and that proposed by the Contractor/Consultant/Vendor discuss the resolution or compromise, if any.

V. Negotiation Summary:

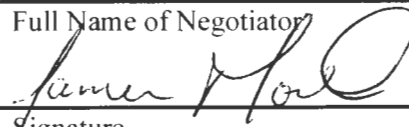
A. Summarize the Contractors/Consultants/Vendors pricing proposal, the County's negotiation objective and the negotiation results and the reasons the agreed upon price is fair and reasonable.

Orange County Utilities met with the contractor to discuss and negotiate extending the horizontal directional drill due to the point of connection having multiple complications. Due to multiple failures in the existing force main and multiple power lines and communication lines, the drill had to be extended as there was no other constructability option. This was all unforeseen due to the tight limitations of the area.

The contractor's/consultant's/vendor's proposal is considered fair and reasonable and execution of the contract/change order/amendment is recommended.

James Montalvo

Full Name of Negotiator



Signature

12/05/2023

Date