



Interoffice Memorandum

APPROVED
BY ORANGE COUNTY BOARD
OF COUNTY COMMISSIONERS

October 5, 2015

OCT 20 2015 JHBS

TO: Mayor Teresa Jacobs
and Board of County Commissioners

FROM: Raymond E. Hanson, P. E., Director
Utilities Department

A handwritten signature in black ink, appearing to read "RH", is written over the "FROM:" field.

**SUBJECT: BCC AGENDA ITEM – Consent Agenda
October 20, 2015 BCC Meeting
Change Order No. 1 to Contract Y15-712-PH
Westwood Blvd. 24-Inch Water Main from Central FL Parkway
to International Drive
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 the referenced contract with Orange County Utilities Department. The project comprises upgrading the existing water main on Westwood Boulevard to a 24-inch ductile iron water main thus providing improved service, reliability and additional fire protection.

Change Order No. 1 in the amount of \$155,631.40 is required due to unforeseen conflicts with existing facilities in the right-of-way requiring the new water main to be placed under the roadway. The proposed change order includes the costs to restore the existing pavement and road base after pipe installation as well as ancillary costs for the work.

The original contract was in the amount of \$2,591,760. Change Order No. 1 increases the contract value by \$155,631.40 or 6.0% for a revised contract amount of \$2,747,391.40.

Action Requested: Approval of Change Order No. 1 to Contract No. Y15-712-PH, Westwood Boulevard 24-Inch Water Main from Central FL Parkway to International Drive, to Metro Equipment Service, Inc. in the amount of \$155,631.40.

District 1.

OCT 20 2015 SK/BS

ORANGE COUNTY UTILITIES

Contractor: Metro Equipment Service, Inc. Change Order Number 1 Page 1 of 1
 Vendor Code _____ Date September 23, 2015
 Contract No. Y15-712-PH Original Contract Amount \$2,591,760.00
 Project Name Westwood Boulevard 24-inch Water Main Project Revised Contract Amount \$2,747,391.40
 Engineer Reiss Engineering, Inc.
 Sequence No. 55545

Item No.	Quantities	Unit	Description	Unit Price	Additions	Deductions
RPC#1	1	LS	Mill existing Asphalt/base-1/2 lane (left in place) and mill existing 2.5" of asphalt-1/2 lane haul away	\$6,000.00	\$6,000.00	
RPC#1	1	LS	Additional survey required for the base work	\$2,000.00	\$2,000.00	
RPC#1	1	LS	Additional MOT-Delivery&intital set-up	\$2,420.00	\$2,420.00	
RPC#1	1	LS	Additional MOT-Lane closer(including curing time for soil cement	\$7,571.00	\$7,571.00	
RPC#1	1	LS	Hourly On -site trucking (2 trucks-5 Days) for Roadway Restoration	\$6,600.00	\$6,600.00	
23	1300	SY	8" soil cement base	\$40.00	\$52,000.00	
24	1300	SY	12" stabilized Subbase(LBR40)	\$5.00	\$6,500.00	
25	2200	SY	2.5" Asphalt (full lane)-SP12.5	\$25.00	\$55,000.00	
RPC#1	1	LS	Asphalt Sub Mobilization (2 MOB)	\$5,500.00	\$5,500.00	
RPC#1	1	LS	Striping-Temporary paint(2 minimun Services	\$2,640.00	\$2,640.00	
RPC#1	1	LS	Striping-Permanent Thermoplastic(Including RPM'S)	\$4,730.00	\$4,730.00	
9A	4	EA	12"gate valves	\$1,620.00	\$6,480.00	
9B	4	EA	Valve boxes	\$180.00	\$720.00	
	-49.6	HRS	Inspector Overtime	\$51.00		(\$2,529.60)

Totals \$158,161.00 (\$2,529.60)

Percent Complete Time <u>58%</u>	Percent Complete Cost:	Net Dollars This Change Order	<u>\$155,631.40</u>
Total Time Previous Change Orders	<u>0</u> Days	Net Dollars Previous Change Order	
Total Time This Change Order	<u>30</u> Days	Net Dollar Changes to Date	<u>\$155,631.40</u>
Original Contract Time	<u>360</u> Days	Original Contract Dollar Amount	<u>\$2,591,760.00</u>
Revised Contract Time	<u>0</u> Days	Revised Contract Dollar Amount	<u>\$2,747,391.40</u>

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 Jorge L. Godoy Date 10/02/15
 Contractor's Signature

BY Jorge L. Godoy, Pres.
 Accepted for Contractor By: Print Name & Title

ORANGE COUNTY UTILITIES

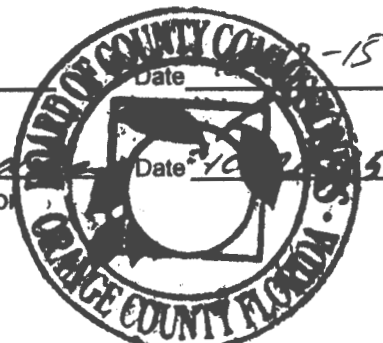
Approval Recommended:

By [Signature] Date 10/9/15
 Chief Inspector Name:

By [Signature] Date 10/9/15
 Manager

By [Signature] Date _____
 Director Utilities

By [Signature] Date 10/22/15
 Orange County Mayor



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 Service, Inc.</u>
<u>Dennis Davies</u>	<u>Inspector</u>	<u>Orange County Utilities</u>
<u>James Montalvo</u>	<u>Chief Utility Inspector</u>	<u>Orange County Utilities</u>

IV. Procurement Situation:

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

Discussed Contractor's, materials, quantities associated with the additional material's requested by OCU

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.

N/A

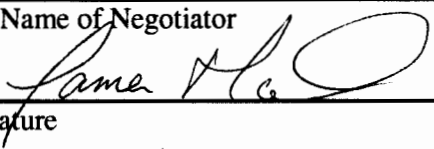
V. Negotiation Summary:

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.

O.C.U. Requested Contractor to submit quotes, O.C.U. reviews

Quote,

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
10/9/15
Date

METRO EQUIPMENT SERVICE, INC.

9415 SW 72nd Street, Suite 131 Miami, FL 33173
(305) 740-3303 Office, (305) 740-3305 Fax



September 8, 2015

Orange County Water Utilities Department
9150 Curry Rd.
Orlando, FL 32825

Attn: Mr. James Montalvo

Ref.: Westwood Boulevard 24" Water Main

Subject : Change Order – 24" WM Pipe Realignment on the roadway (Sta 1+70 to 19+80)

Dear M. Montalvo,

As discussed, we are hereby submitting for your review and approval the change order in connection with the 24" WM pipe realignment on the roadway from Sta 1+70 +/- to Sta 19+80 +/-.

Based on our recent discussions, we understand that the scope of work and sequence of construction for the realignment of the proposed WM to the roadway to be as follows :

A.- Mill half of the width of the existing north bound lane of Westwood Blvd. Depth of milling up to 2.5" of asphalt/base material. Millings to be left in place.

B.- After pipe installation and backfill operations, install a 12" Stabilized Subbase (LBR 40) for the width of the trench plus a 12" shoulder.

C.- After the stabilized subbase operations, install a 10.5" Soil Cement base for the width of the trench plus a 12" shoulder. The top of the soil cement base to be flush with the adjacent pavement.

D.- After the soil cement operations and pertinent curing time, proceed with milling and disposal of 2.5" of base/compacted millings. Width of milling to be the entire lane plus shoulder.

E.- After the profile milling operations, install 2.5" of Asphalt pavement Type SP 12.5 (installed in one lift) . Width of asphaltic paving to be the entire lane.

F.- After the asphalt paving operations, proceed with the installation temporary pavement markings. After the pertinent asphalt curing time, install the permanent pavement markings

METRO EQUIPMENT SERVICE, INC.

9415 SW 72nd Street, Suite 131 Miami, FL 33173
 (305) 740-3303 Office, (305) 740-3305 Fax



Based on all the above, the following is our price breakdown in connection with this change order:

Item	Description	Unit	Qty	Unit Price	Extended Amount
1	Mill 2.5" existing Asphalt/Base - 1/2 Lane (left in place) (Minimum charge)	1	LS	5,500.00	5,500.00
2	MOT - Traffic Study	1	LS	1,980.00	1,980.00
3	Additional MOT - Delivery & Initial Set-up	1	LS	2,420.00	2,420.00
4	Additional MOT - Lane closure (Including curing time for soil cement) *	1	LS	7,571.00	7,571.00
5	Hourly On-site Trucking (2 Trucks - 5 Days) for Roadway restoration operations	1	LS	6,600.00	6,600.00
6	10.5" Soil cement Base	1300	SY	45.00	58,500.00
7	12" Stabilized Subbase (LBR 40)	1300	SY	5.00	6,500.00
8	Mill 2.5" and haul away 2.5" Base/Millings (Full Lane)	1	LS	6,000.00	6,000.00
9	2.5" Asphalt (Full Lane)- SP 12.5	2200	SY	25.00	55,000.00
10	Asphalt Sub Mobilizations (2 Mobs**)	1	LS	5,500.00	5,500.00
11	Striping - Temporary Paint (2 Minimum Services)	1	LS	2,640.00	2,640.00
12	Striping - Permanent Thermoplastic (Including RPM's)	1	LS	4,730.00	4,730.00
				TOTAL AMOUNT	162,941.00
<p>NOTES :</p> <ul style="list-style-type: none"> * Anticipated lane closure for Roadway Restoration operations : 3 weeks (1.5 for subbase & base work, 1 week for soil cement cure time & testing and the remaining time for asphalt paving & temporary striping) . Priced for 1 month to include any other coordination items required. * Cost of Police Officers for MOT purposes, if required, to be reimbursed to Contractor. <ul style="list-style-type: none"> - Inspector overtime costs, if any, to be reimbursed to Contractor. ** One mobilization required for the paving of a small section of the lane next to Central Florida Parkway to facilitate a better flow of traffic. The other mobilization will be required for the paving operations for the remaining of the lane. 					

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As discussed, Items # 6, 7 and 9 are unit price based and will be measured for payment to compensate for the actual work completed . Measurement will be based on the number of square yards actually completed and accepted by the County.

In addition to this monetary change order request, we hereby request a Contract Time Extension of 21 calendar days (3 weeks) required for the time impacts caused by this additional work effort.

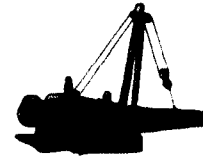
Please do not hesitate to contact me if you have any questions or if you need to discuss this matter in more detail.

Sincerely,

Lori Roy
Project Manager
954-594-0415 Cell

METRO EQUIPMENT SERVICE, INC.

9415 SW 72nd Street, Suite 131 Miami, FL 33173
(305) 740-3303 Office, (305) 740-3305 Fax



September 18, 2015

Orange County Water Utilities Department
9150 Curry Rd.
Orlando, FL 32825

Attn: Mr. James Montalvo

Ref.: Westwood Boulevard 24" Water Main

Subject : Change Order–24" WM Pipe Realignment on the roadway (Sta 1+70 to 19+80) -Rev 1

Dear M. Montalvo,

As discussed, we are hereby submitting for your review and approval our revised change order in connection with the 24" WM pipe realignment on the roadway from Sta 1+70 +/- to Sta 19+80 +/-.

Based on our recent discussions, we understand that the scope of work and sequence of construction for the realignment of the proposed WM to the roadway to be as follows :

A.- Mill and leave in place asphalt/base material half of the width of the existing north bound lane of Westwood Blvd . Mill and haul away 2.5" of asphalt on the other half of the lane .

B- After pipe installation and backfill operations in the first +/- 100 lf from Central Florida Parkway going North, if required, install Stabilize subbase (LBR 40) and 8" Soil Cement base and 2.5 asphalt, to help facilitate traffic flow and avoid bottleneck conditions.

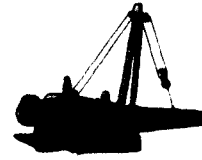
C.- After pipe installation and backfill operations completed, install a 12" Stabilized Subbase (LBR 40) for the width of the trench plus a 12" shoulder, using crushed concrete and mix with existing soils.

D.- After the stabilized subbase operations, install a 8" Soil Cement base for the width of the trench plus a 12" shoulder.

E.- After the soil cement operations and pertinent curing time, install 2.5" of Asphalt pavement Type SP 12.5 (installed in two lifts) . Width of asphaltic paving to be the entire lane. (incurring 2nd mobilization costs)

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F.- After the asphalt paving operations, proceed with the installation temporary pavement markings. After the pertinent asphalt curing time, install the permanent pavement markings

Based on all the above, the net amount of this change order equates to **\$ 150,961.00**. Item breakdown as follows :

METRO EQUIPMENT SERVICE, INC.



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Item	Description	Unit	Qty	Unit Price	Extended Amount
1	Mill existing Asphalt/Base - 1/2 Lane (left in place) and Mill existing 2.5" of asphalt - 1/2 Lane (haul away)	1	LS	6,000.00	6,000.00
2	Additional survey required for the base work	1	LS	2,000.00	2,000.00
3	Additional MOT - Delivery & Initial Set-up	1	LS	2,420.00	2,420.00
4	Additional MOT - Lane closure (Including curing time for soil cement) *	1	LS	7,571.00	7,571.00
5	Hourly On-site Trucking (2 Trucks - 5 Days) for Roadway restoration operations	1	LS	6,600.00	6,600.00
6	8" Soil cement Base	1300	SY	40.00	52,000.00
7	12" Stabilized Subbase (LBR 40)	1300	SY	5.00	6,500.00
8	2.5" Asphalt (Full Lane)- SP 12.5 (Two lifts)	2200	SY	25.00	55,000.00
9	Asphalt Sub Mobilizations (2 Mobs**)	1	LS	5,500.00	5,500.00
10	Striping - Temporary Paint (2 Minimum Services)	1	LS	2,640.00	2,640.00
11	Striping - Permanent Thermoplastic (Including RPM's)	1	LS	4,730.00	4,730.00
				TOTAL AMOUNT	150,961.00
	<p>NOTES :</p> <ul style="list-style-type: none"> * Anticipated lane closure for Roadway Restoration operations : 3 weeks (1.5 for subbase & base work, 1 week for soil cement cure time & testing and the remaining time for asphalt paving & temporary striping) * Cost of Police Officers for MOT purposes, if required, to be reimbursed to Contractor. <ul style="list-style-type: none"> - Inspector overtime costs, if any, to be reimbursed to Contractor. - Soil density tests to be be others ** One mobilization required for the paving of a small section of the lane next to Central Florida Parkway to facilitate a better flow of traffic. The other mobilization will be required for the paving operations for the remaining of the lane. 				

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In addition to this monetary change order request, we hereby request a Contract Time Extension of 21 calendar days (3 weeks) required for the time impacts caused by this additional work effort.

Please do not hesitate to contact me if you have any questions or if you need to discuss this matter in more detail.

Sincerely,

Lori Roy
Project Manager
954-594-0415 Cell

Metro Equipment Service Inc



September 23, 2015

Orange County Utilities
9150 Curry Ford Road,
Orlando, FL 32825

Attn: James Montalvo
Chief Inspector Construction

RE: Westwood Blvd 24inch Water Main Replacement
RFI #3

Dear James:

Please add four (4) more 12" gate valves to the quantity shown on the contract as per RFI No. 3 and to facilitate pressure testing and chlorination on the main.

Thank you for your assistance. If you require anything more from me, please don't hesitate to call or email.

Sincerely,

LORI S. ROY,
Project Manager
954-594-0415 (cell)