



HISTORIC  
FRANKLIN  
TENNESSEE

ITEM #4  
CIC  
12-13-12

## MEMORANDUM

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December 11, 2012

**TO:** Board of Mayor and Aldermen

**FROM:** Eric Stuckey, City Administrator  
David Parker, City Engineer/CIP Executive  
Paul Holzen, Director of Engineering  
William Banks, Staff Engineer

**SUBJECT:** **Consideration of Change Order No. 2 to the Construction Contract for the 3<sup>rd</sup> Avenue North Extension Project (Bicentennial Park Phase I) (COF Contract No. 2012-0089)**

### Purpose

The purpose of this memorandum is to recommend approval of Change Order No. 2 to the Construction Contract for the 3<sup>rd</sup> Avenue North Extension Project (COF Contract No. 2012-0089).

### Background

The 3<sup>rd</sup> Avenue North Extension (Bicentennial Park Phase I) construction contract was awarded by BOMA to The Parkes Companies, Inc. on August 14, 2012. The anticipated project completion is September 2013. Change Order No. 1 was approved by BOMA on October 23, 2012. It replaced some existing bid line items with the alternate Redi-Rock Wall bid line items, causing a substantial cost savings.

This Change Order No. 2 includes small changes required to properly complete the project. See attached Exhibit A for a detailed explanation.

### Financial Impact

Change Order #2 has no contract price change. All line item cost adjustments utilize project contingency funds within the contract. Current contract price is \$4,378,767.29 (\$4,795,129.72 minus Change Order #1 of \$416,362.43).

### Recommendation

Staff recommends approval of Change Order No. 2 to the construction contract (COF Contract No. 2012-0089) with The Parkes Companies, Inc. Contract total price remains at \$4,378,767.29.

**Request for Construction Change  
Change Order No. 2**

City of Franklin  
Engineering Office  
109 Third Avenue South  
Franklin, TN 37064

Contract No. 2012-0089  
Project Third Avenue North Extension

Whereas, we The Parkes Companies entered into a contract with the CITY OF FRANKLIN, on August 14, 2012, for the construction by said Contractor of the above designated contract; and Whereas, certain items of construction encountered are not covered by the original contract, we desire to submit the following additional items of construction to be performed by the Contractor and paid by the City at the prices scheduled therefore below:

**Reason for Change Order:**

1. The plans require a 2" Reduced Pressure Backflow Preventer (RPBP) to be installed on the irrigation system at the proposed intersection of Third Avenue and Fourth Avenue. This RPBP was not included in the bid schedule.
2. The City of Franklin Water Department is requiring a 2" metal ball valve be added to the irrigation connection.
3. Given that the Irrigation connection to the mainline will be under Fourth Avenue, the City is requiring that 4" Ductile Iron Pipe be used under the roadway. Given the current pay items do not include 4" DIP then the item has to be added.
4. The City of Franklin Water Department is requiring that 2" copper line be used in place of 2" PVC between the Ductile Iron Connection and the backflow / meter connection for irrigation service.
5. Undercutting was required on the project and to provide additional structural support, it was determined that Type IV geotextile fabric should be added. This item was not included in the contract pay items.
6. Compensation for additional engineering and production losses due to the precast endwalls and headwalls being changed to an alternate product (\$6,000). Compensation for additional clearing and grubbing that was not indicated in the Tree removal plans (\$4,000). Compensation for additional survey work required to figure structure points due to no information included in plans and incomplete CAD files (\$1,000). This total additional compensation is in exchange for a discount or "no pay" on the estimated 3,117 SY of "Borrow Material" required for undercutting the proposed roadway.
7. Modify contingency amount to cover additional items above.

Item No.	Description of Work	Unit	Estimate Quantity	Unit Price	Amount
775-20.29	2" Reduced Pressure Backflow Preventer	Each	1	\$4,004.00	\$4,004.00
775-20.30	2" Metal Ball Valve Assembly	Each	1	\$1,148.00	\$1,148.00
775-20.31	4" Class 52, D.I.P, Pressure Rating 350 PSI (20 LF stick of pipe)	LS	1	\$623.00	\$623.00
775-20.32	2" Soft Copper (40 LF roll)	LS	1	\$1,232.00	\$1,232.00

740-10.04	Geotextile (Type IV) (Stabilization)	SY	5000	\$1.34	\$6,700.00
FRK-LOSS1	Additional compensation for engineering and production loss due to change from precast endwalls and headwalls to alternate product	LS	1	\$6,000	\$6,000.00
201-01	Clearing and Grubbing (additional)	LS	1	\$4,000	\$4,000.00
105-01	Construction Stakes, Lines, and Grades (additional)	LS	1	\$1,000	\$1,000.00
FRK-CONT	Modify Contingency Amount from \$435,920.88 to \$411,213.88 to cover additional items	LS	1	(\$24,707.00)	(24,707.00)
<b>TOTAL</b>					<b>\$0.00</b>

<b>CHANGE IN CONTRACT PRICE:</b>
Original Contract Price \$ 4,795,129.72
Net <b>(Decrease)</b> from previous Change Orders No. 1 to 1: (\$416,362.43)
Contract Price prior to this Change Order: \$4,378,767.29
Net Increase / decrease of this Change Order: \$0.00 (no change)
Contract Price with all approved Change Orders: \$4,378,767.29

<b>CHANGE IN CONTRACT TIMES:</b>
Original Contract Times: Substantial Completion: ***** Ready for final payment: <u>September 11, 2013 (365 days)</u>
Net change from previous Change Orders No. 0 to 0 to: Substantial Completion: ***** Ready for final payment: <u>0 calendar days</u>
Contract Times prior to this Change Order: Substantial Completion: ***** Ready for final payment: <u>September 11, 2013 (365 days)</u>
Net increase (decrease) this Change Order: Substantial Completion: ***** Ready for final payment: <u>0 calendar days</u>
Contract Times with all approved Change Orders: Substantial Completion: ***** Ready for final payment: <u>September 11, 2013 (365 days)</u>

Now, Therefore, We, The Parkes Companies, hereby agree to this Change Order consisting of the above mentioned items and prices, and agree that this Change Order is hereby made a part of the original contract and will be performed by this Contractor in accordance with specifications thereof, and that the original contract remain in full force and effect, except in so far as specifically modified by this Change Order.

RECOMMENDED FOR APPROVAL BY:

By: Maty McWilliam By: [Signature] By: Paul P. Hofer  
ENGINEER CITY PROJECT MANAGER DIRECTOR OF ENGINEERING

Date: 11/26/12 Date: 11-26-12 Date: 11-26-12

ACCEPTED

By: [Signature]  
CONTRACTOR (Authorized Signature)

Date: 11/26/12

APPROVED:

By: \_\_\_\_\_  
OWNER (Authorized Signature)

Date: \_\_\_\_\_