



MEMORANDUM

August 2, 2011

TO: The Board of Mayor and Aldermen

FROM: Eric S. Stuckey, City Administrator
David Parker, P.E., City Engineer
Eric J. Gardner, P.E., Director of Engineering
Paul Holzen, P.E., Engineering Supervisor
Jonathan Marston, P.E., Staff Engineer 2

SUBJECT: McEwen Drive Phase 3 – Change Order No. 4
COF Contract No. 2011-0003

Purpose

The purpose of this memorandum is to provide the Board of Mayor and Aldermen (BOMA) with information to consider approval of Change Order No. 4 for the McEwen Drive Phase 3 roadway project.

Background

The BOMA approved the construction contract for the above referenced project with The Parkes Companies, Inc. on January 13, 2011 in the amount of \$7,199,484.05. The Notice to Proceed was issued on February 15, 2011 with a contract completion date of February 15, 2012. A history of changes to the construction contract price is as follows:

- 04/26/11 – Change Order #1 – \$8,136.55
- 04/26/11 – Project Contingency Fund - \$100,000.00 (Currently Unspent)
- 07/12/11 – Change Order #2 – \$22,770.00
- 07/26/11 – Change Order #3 – \$32,822.05

For Change Order No. 4, The Parkes Companies, Inc. is requesting an INCREASE of \$17,116.60 to the contract amount.

During the post-bidding, pre-construction phase of this project, it was brought to the City's attention that a storm sewer had been installed by the Crescent Multifamily Property (i.e. Circle at Cool Springs.) This 30 inch storm line was installed to transport water from the detention pond, which is located on the Crescent Multifamily property, to the nearby stream. However, because this system was installed prior to the construction of the McEwen Drive project, the outlet was placed directly adjacent to the proposed location of one of the box bridges. Rather than redesign a portion of the bridge, it was decided to route the Crescent Multifamily storm water into the proposed McEwen Drive storm system. Also included with this change order are four (4) additional traffic signal pull boxes, which will be installed at the intersection of McEwen Drive and Turning Wheel Lane/Well Springs Way. This will minimize future disturbance of the new roadway, if the City chooses to signalize this intersection at some point in the future. The last item included in with this change order is a quantity and unit price for additional



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backfill material, which will be necessary to help prevent damage to the proposed irrigation sleeves. Change Order #4 is necessary to establish unit prices for these items not included in the original contract.

Financial Impact

If approved, an INCREASE of \$17,116.60 will be added to the construction contract with The Parkes Companies, Inc. The total construction contract amount will be \$7,286,213.74 plus the approved project contingency of \$100,000. This proposed construction contract amount of \$7,286,213.74 represents a total increase of \$80,845.20 or 1.1% of the original contract value.

Recommendation

Staff recommends approval of Change Order No. 4 with The Parkes Companies, Inc. for an INCREASE to the contract in the amount of \$17,116.60.

Supplemental Agreement and/or Request for Construction Change
Change Order No. 04

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

Contract No. PIN107520.00
Project No. 94LPD1-S3-004
Reference No. N/A
County: Williamson

Whereas, we **The Parkes Companies, Inc.**, with **Fidelity and Deposit Company of Maryland**, as Surety, entered into a contract with the CITY OF FRANKLIN, on **January 13, 2011**, 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:

The purpose of this Change Order is to add Items 104-04.31 - Additional work (reroute offsite storm drainage from Resource Pkwy to McEwen Dr. storm system), 730-03.21 - Install Pull Box (Type B) , and 303-10.01 Mineral aggregate (size 57) for backfilling.

It is agreed to add Item, 104-04.31 Additional Work (reroute offsite storm drainage from Resource Pkwy to McEwen Dr. storm system), this item is needed to capture the storm water up gradient of this project, from the Crescent Cool Springs development.

It is also agreed to add, Item 730-03.21 Install Pull Box (Type B), these boxes are shown on revised sheet 6A, however were inadvertently missing from the bid tabs.

Item 303-10.01 will be added to create a stone cushion around the encasements of, future waterline, to help prevent possible collapse when backfilled.

No additional contract time will be added for these changes.

Project Documents supporting this chance order are available upon request.

Item Number	Description	Unit	Original Quantities	Revised Quantities	Over + Under -	Contract Price	Net Amount Due Change
104-04.31	Additional work (reroute offsite storm drainage from Resource Pkwy to McEwen Dr. storm system)	LS	0	1	+ 1	\$12,787.00	\$12,787.00
730-03.21	Install Pull Box (Type B)	EA	0	4	+ 1	\$407.40	\$1,629.60
303-10.01	Mineral Aggregate (Size 57)	Ton	0	150	+150	\$18.00	\$ 2,700.00
Contract Amount \$7,199,484.05						Changes This Request	\$ 17,116.60
						Previous Changes	\$ 63,728.60
						Changes to Date	\$ 80,845.20

Now, Therefore, We, **The Parkes Companies, Inc.**, Contractors, and **Fidelity and Deposit Company of Maryland**, Surety, hereby agree to this Supplemental Agreement consisting of the above mentioned items and prices, and agree that this Supplemental Agreement 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 insofar as specifically modified by this Supplemental Agreement.

Date Approved: _____

RECOMMENDED FOR APPROVAL BY GRESHAM, SMITH AND PARTNERS:

(GS&P)

CONTRACTOR

APPROVED BY:

(City of Franklin)

SURETY