

## MEMORANDUM

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January 12, 2012

TO: Board of Mayor and Aldermen

FROM: Eric Stuckey, City Administrator  
David Parker, City Engineer/CIP Executive  
Paul Holzen, Interim Director of Engineering  
Micky Dobson, Staff Engineer

SUBJECT: Consideration of Change order No 1 for the Jackson Lake Dredging Project (COF Contract No. 2010-0175) for an Increase in the Contract Amount of \$186,145.00 and an additional 82 days.

### **Purpose**

The purpose of this memo is to provide information to the Board of Mayor and Aldermen (BOMA) with information to consider approval of Change Order No. 1 for the Jackson Lake Dredging Improvements project.

### **Background**

The BOMA approved the construction contract for the above referenced project with Century Construction Company, Inc. on March 22, 2011 in the amount of \$1,467,785.00. The Notice to Proceed was issued May 2, 2011 with a contract completion date of December 28, 2011.

Change Order No. 1 includes an increase of \$186,145.00 to the contract amount and a time extension of 82 days to the contract.

A bathymetric survey organized by the contractor was completed prior to the commencement of dredging activities. The apparent existence of additional sediment on the lake bottom was discovered. Based on the initial bathymetric survey, an estimated 8,000 cubic yards of additional sediment should be removed and disposed from the lake. The cost of the additional dredged material removed, dewatered, and properly disposed of equals \$184,000.00. This total is based on Century Construction's bid price of \$23.00 per CY of sediment removed. Total quantity dredged must still be confirmed and compensated based on a final bathymetric survey to be completed at the end of the project.

Also included as part of Change Order No. 1 is the cost (\$2,145.00) associated with design of the guardrail and street sign installation involved with the bridge construction.

The time extension of 82 days to the contract is comprised of weather related delays and time needed to complete dredging activities associated with the increase of apparent sediment. This would move the completion date of the project to March 19, 2012.

### **Financial Impact**

If approved, an increase of \$186,145.00 will be added to the construction contract with Century Construction Company, Inc. The total construction contract amount will be \$1,653,930.00.

### **Recommendation**

Approval of Change Order No. 1 with Century Construction Company, Inc. for an increase to the contract in the amount of \$186,145.00 and a time extension of 82 days are recommended.

# CHANGE ORDER

No. 1

DATE OF ISSUANCE: January 2012

EFFECTIVE DATE: \_\_\_\_\_

OWNER: City of Franklin  
CONTRACTOR: Century Construction Co.  
Contract: General Construction  
Project: Jackson Lake Dredging Improvements Project  
OWNER's Contract No. 2010-0175  
ENGINEER: City of Franklin - Engineering

You are directed to make the following changes in the Contract Documents:

**Description:**

Line Item 1: Increase in quantity of dredged material removed, dewatered, and properly disposed. Increase of an additional 8,000 CU. YD. at \$23.00 per CU. YD. = \$184,000.00.

Line Item 3: Increase of \$2,145.00 in the cost associated with design of the guardrail and street sign installation related to the construction of the box culvert crossing Dry Branch on Christ United Methodist Church (CUMC) property.

Payment of items listed above based on actual work completed.

**Reason for Change Order:**

The existence of additional sediment in Jackson Lake.

Additional Design on box culvert to add guard rail and street sign installation.

**Attachments:** (List documents supporting change)

CHANGE IN CONTRACT PRICE:
Original Contract Price \$1,467,785.00
Net Increase ( <del>Decrease</del> ) from previous Change Orders No. 0 to __: \$
Contract Price prior to this Change Order: \$1,467,785.00
Net increase ( <del>decrease</del> ) of this Change Order: \$186,145.00
Contract Price with all approved Change Orders: \$1,653,930.00

CHANGE IN CONTRACT TIMES:
Original Contract Times: Substantial Completion: December 28, 2011 Ready for final payment: December 28, 2011 (days or dates)
Net change from previous Change Orders No. 0 to 0 to: Substantial Completion: 0 Ready for final payment: 0 (days or dates)
Contract Times prior to this Change Order: Substantial Completion: Ready for final payment: (days or dates)
Net increase (decrease) this Change Order: Substantial Completion: 82 Ready for final payment: 82 (days)
Contract Times with all approved Change Orders: Substantial Completion: March 19, 2012 Ready for final payment: March 19, 2012 (days or dates)

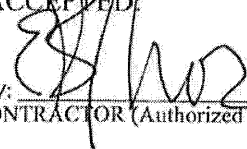
RECOMMENDED:

By:   
Project Manager (Authorized Signature)

APPROVED:

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

ACCEPTED:

By:   
CONTRACTOR (Authorized Signature)

Date: 1-4-12

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

Date: 1-4-12