

AGENDA REPORT

DATE August 16, 2005

ITEM: CHANGE ORDER NO. 1: CENTRAL AVENUE WATER MAIN REPLACEMENT,  
O. F. 1434.0

INITIATED BY: PUBLIC WORKS DEPARTMENT/ENGINEERING DIVISION

ACTION REQUESTED: APPROVE CHANGE ORDER NO. 1

PRESENTED BY: JIM REARDEN, PUBLIC WORKS DIRECTOR

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**RECOMMENDATION:** Staff recommends that Change Order No. 1 for the Central Avenue Water Main Replacement, O. F. 1434.0 be approved.

**MOTION:** "I move the City Commission approve Change Order No. 1 for the Central Avenue Water Main Replacement, O. F. 1434.0 to United Materials of Great Falls, Inc., and authorize the City Manager to sign the contract documents."

**SYNOPSIS:** On June 7, 2005 the City Commission awarded a contract in the amount of \$466,715.00 to United Materials for the Central Avenue Water Main Replacement. The project replaced water mains in Central Avenue and 1<sup>st</sup> Avenue South. During construction, additional street funding became available from various closed out projects for milling and overlaying the remaining asphalt areas on Central Avenue from 21<sup>st</sup> Street to 27<sup>th</sup> Street.

The major items included in Change Order No. 1 are milling, paving fabric and asphalt overlay. The work will increase the contract price by \$138,957.50 to \$605,672.50. Funding for the additional work is available from the Street Project Fund.

**BACKGROUND:** United Materials' contract was to replace deteriorating water mains on Central Avenue, from 21<sup>st</sup> Street to 27<sup>th</sup> Street; and on 1<sup>st</sup> Avenue South from 23<sup>rd</sup> Street to 26<sup>th</sup> Street. Change Order No. 1 increases the scope of the project to include milling and asphalt overlay of six additional blocks on Central Avenue. Staff feels it is highly desirable to add this additional street work due to the deteriorating road surface, rough ride and favorable unit costs received. At the conclusion of this project almost all of Central Avenue from Park Drive through the intersection of 27<sup>th</sup> Street will have been reconstructed or overlaid. This addition to the existing contract is the most expedient and economical method of improving the street.

City staff designed the project and will perform contract management and construction inspection on the project.

Attachments: Change Order No. 1

## CHANGE ORDER

No. ONE

**PROJECT** Central Avenue Water Main Replacement, O. F. 1434.0

**DATE OF ISSUANCE** August 16, 2005

**EFFECTIVE DATE** August 16, 2005

**OWNER** City of Great Falls

**OWNER'S Contract No.** O. F. 1434.0

**CONTRACTOR** United Materials of Great Falls, Inc.

**ENGINEER** Richard Johnson

**You are directed to make the following changes in the Contract Documents.**

**Description:** Increase the contract amount by \$138,957.50 to \$605,672.50

**Reason for Change Order:** Addition of four additional blocks of street work on Central Avenue

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

<p style="text-align: center;"><b>CHANGE IN CONTRACT PRICE:</b></p> <p>Original Contract Price \$ <u>\$466,715.00</u></p>	<p style="text-align: center;"><b>CHANGE IN CONTRACT TIMES:</b></p> <p>Original Contract Times: Substantial Completion: <u>77 days</u> Ready for final payment: _____ days or dates</p>
<p>Net changes from previous Change Orders No. _____ to _____</p>	<p>Net change from previous Change Orders No. _____ to No. _____ <u>0</u> Days</p>
<p style="text-align: center;">Contract Price prior to this Change Order</p> <p>\$ <u>466,715.00</u></p>	<p style="text-align: center;">Contract Times prior to this Change Order</p> <p><b>Substantial Completion:</b> <u>77 days</u> <b>Ready for final payment:</b> _____ days or dates</p>
<p><b>Net Increase (decrease) of this Change Order</b></p> <p>\$ <u>138,957.50</u></p>	<p><b>Net <u>Increase</u> (decrease) of this Change Order</b></p> <p><u>10 days</u></p>
<p style="text-align: center;">Contract Price with all approved Change Orders</p> <p>\$ <u>605,672.50</u></p>	<p style="text-align: center;">Contract Times with all approved Change Orders</p> <p><b>Substantial Completion:</b> <u>87 days</u> <b>Ready for final payment:</b> _____ days or dates</p>

**RECOMMENDED:**

**APPROVED:**

**ACCEPTED:**

By: \_\_\_\_\_

By: \_\_\_\_\_

By: \_\_\_\_\_

Engineer (Authorized Signature)

Owner (Authorized Signature)

Contractor (Authorized Signature)

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

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

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

General Contractors of America.

Approved this 16<sup>th</sup> day of August 2005

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John W. Lawton, City Manager

ATTEST:

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Peggy J. Bourne, City Clerk

APPROVED FOR LEGAL CONTENT:

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David V. Gliko, City Attorney

ATTACHMENT TO CHANGE ORDER NO. 1

For

CENTRAL AVENUE WATER MAIN REPLACEMENT  
O.F. 1434.0

Prepared By City Engineer's Office

August 16, 2005

**CHANGES IN PROJECT SCOPE/CONTRACT TIME**

**ITEM/JUSTIFICATION/COST:**

- |    |   |          |                     |
|----|---|----------|---------------------|
| 1. | <b>INCREASE: 84" wide tapered mill, 1½" deep or as required.</b> 2,500 Lineal Feet of additional milling at \$5.90/LF on Central Avenue from 21 <sup>st</sup> Street to 27 <sup>th</sup> Street and side intersections.   | ADD..... | \$14,750.00         |
| 2. | <b>INCREASE: transition mill as required at intersections.</b> 1,450 Square Yards of additional milling at \$8.35/SY on Central Avenue from 21 <sup>st</sup> Street to 27 <sup>th</sup> Street and side intersections.    | ADD..... | \$12,107.50         |
| 3. | <b>INCREASE: 2" A/C PAVEMENT OVERLAY.</b> 12,450 square yards of additional A/C pavement overlay at \$7.00/SY was added on Central Avenue from 21 <sup>st</sup> Street to 27 <sup>th</sup> Street and side intersections. | ADD..... | \$87,150.00         |
| 4. | <b>INCREASE: ASPHALT OVERLAY/PAVING FABRIC.</b> 11,950 square yards of additional fabric at \$2.00/SY was added on Central Avenue from 21 <sup>st</sup> Street to 27 <sup>th</sup> Street and side intersections.         | ADD..... | \$ 23,900.00        |
| 5. | <b>INCREASE: MANHOLE ADJUSTMENT.</b> 3 storm drain manhole adjustments at \$350.00/EA was added on Central Avenue from 25 <sup>th</sup> Street to 27 <sup>th</sup> Street.  | ADD..... | \$ 1,050.00         |
|    | <b>NET ADD ITEMS 1-5 .....</b>  |          | <b>\$138,957.50</b> |