

**Contract Change Order # 3**

Project Name: Dallas Street Improvements Project Number: ST1307  
 Project Location: Dallas Street between Main and Elm Place Date of Application: Wednesday, November 30, 2016  
 Contractor: Magnum Construction, In. Submitted By: Clint Redwine

**Summary of Change in Scope of Work**

The following scope of work consisting of work location, work description, established quantities, and timeline for completion has been reviewed and agreed upon by the contractor, the origin funding department, and the Engineering and Construction Department.

**Change of Work Items Included in this Change Order:**

- This project has been on hold pending Railroad ROW permit acquisition since May 2015. In order to finish the remaining work in the
- 1) contract, the contractor has proposed additional costs for Re-mobilization, Additional Traffic Control, Survey Staking, & Railroad ROW Insurance Premium Upgrades. Price includes all costs to perform and install work.
  - In conjunction with acquiring the Railroad ROW permit, changes to the plans were required by the railroad. These changes include:
  - 2) Wireless Solar Powered Cross-Walk system, Construction Costs for Installation of Cross-Walk System, and additional Colored Stamped Concrete. Price includes all costs to perform and install work.

**Change in Contractual Project Time:**

- 1&2) Additional time will be required for this work, however, at this time the amount of time is unknown and will be variable. Another change order will be processed at the conclusion of the remaining work to resolve the additional contract day count.

Plan Sheets or Additional Documents Attached:  Yes  No  Other: \_\_\_\_\_

**Work Order Quantities**

| Item#                     | (Spec) | Item Description                       | Units | Price        | Quantity | Total Amount        |
|---------------------------|--------|--|-------|--------------|----------|---------------------|
| CO3-1                     | -      | Remobilization Costs                   | LS    | \$ 27,924.50 | 1        | \$ 27,924.50        |
| CO3-2                     | -      | Additional Work by RR ROW Permit Plans | LS    | \$ 24,826.50 | 1        | \$ 24,826.50        |
|                           |        |  |       |              |          | \$ -                |
| <b>Total Change Cost:</b> |        |  |       |              |          | <b>\$ 52,751.00</b> |

**Summary of Project Costs**

|                               |              |                                   |               |
|-------------------------------|--------------|-----------------------------------|---------------|
| Total Previous Change Orders: | \$ 22,481.00 | Original Contract Amount:         | \$ 816,060.00 |
| Current Change Order:         | \$ 52,751.00 | Amended Contract Amount:          | \$ 891,292.00 |
| Total Cost of Change Orders:  | \$ 75,232.00 | Percent Change in Contract:       | 9.22%         |
| Total Cost Applicable to CBA: | \$ 75,232.00 | Percent Change Applicable to CBA: | 9.22%         |

**Change Order Authorization**

|   |
|---|
| Change Order # <u>3</u> in the sum of: \$ <u>52,751.00</u> has been reviewed by all parties and is recommended for approval by: |
| Contractor Submitting Change Order: _____<br>Name Signature Date  |
| Construction Division Manager: <u>Timothy S Robins, PE</u><br>Name Signature Date   |
| Director of Engineering & Construction: <u>Alex Mills, PE</u><br>Name Signature Date  |
| Assistant City Manager - Operations: <u>Kenneth D Schwab, PE</u><br>Name Signature Date   |
| City Manager: <u>Michael Spurgeon</u><br>Name Signature Date  |

**This Change is Executed Through:**

- This change to the contract documents is authorized by the City Manager's authority in accordance with the applicable state statutes and COBA Code of Ordinances.  
 or  
 This change to the contract documents was approved at the City Council/BAMA meeting held on : Tuesday, December 6, 2016



P.O. Box 707  
 Broken Arrow, Ok 74013  
 Ph 918-251-8667 / Fax 918-251-1025

|  |  |
|--|--|
| <p><i>Proposal Submitted To</i><br/>         City of Broken Arrow - Const. &amp; Engineering<br/>         485 North Poplar<br/>         Broken Arrow, OK 74012</p> <p><i>Phone</i><br/>         (918) 698-9325</p> | <p><i>Project Name and Location</i><br/>         Dallas Street Improvements<br/>         City of Broken Arrow<br/>         COBA Contract No. ST1307<br/> <a href="mailto:cnichols@brokenarrowok.gov">cnichols@brokenarrowok.gov</a><br/> <i>Attention</i><br/>         Chad Nichols - Contract Administrator</p> |
|--|--|

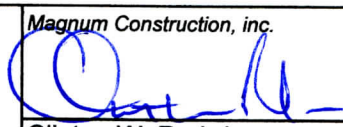
**We hereby** submit specifications and estimate for:

Proposal Request No. 01-C

Re-mobilization and Insurance Premium upgrade for RR ROW paving. Additional Traffic Control, Survey staking, Wireless Cross-walk System, and Stamped Colored Concrete per Revised intersection drawings received from COBA 10-5-16.

**We Propose** hereby to furnish material, labor, and equipment - complete in accordance with the above specifications, for the sum of: Fifty Two Thousand Seven Hundred Fifty One Dollars and no cents. \$52,751.00

**Payment** to be made as follows:  
 per agreement.

Magnum Construction, inc.  
  
 Clinton W. Redwine 29-Nov-16  
 President *Date*

**Acceptance of Proposal**

The above prices, specifications, and conditions are satisfactory and are hereby accepted. You are authorized to do the work as specified. Payment will be made as outlined above.

*Authorized Signature*  
 \_\_\_\_\_  
 \_\_\_\_\_ *Date*  
 \_\_\_\_\_

# CONSTRUCTION COST ESTIMATE BREAKDOWN

|   |  |  |
|---|--|--|
| <b>From:</b><br>Magnum Construction, Inc.<br>P. O. Box 707<br>Broken Arrow, OK 74013-0707   | <b>To:</b><br>City of Broken Arrow - Const. & Engineering<br>485 North Poplar Ave.<br>Broken Arrow, OK 74012 | <b>Attention:</b><br>Chad Nichols - Contract Administrator<br>Cell (918) 698-9325<br>Email: <a href="mailto:cnichols@brokenarrowok.gov">cnichols@brokenarrowok.gov</a> |
| <b>Project:</b><br>Dallas Street Improvements<br>City of Broken Arrow<br>COBA Contract No. ST1307   |  | <b>DATE</b><br>29-Nov-16   |
| <b>DESCRIPTION OF WORK TO BE PERFORMED:</b><br>Re-mobilization and insurance premium upgrade for RR ROW paving work. Additional Traffic Control, Survey Staking, Wireless Cross-walk System, and Stamped Colored Concrete per Revised intersection drawings received from COBA 10-5-16. |  | <b>PROPOSAL REQUEST NO.</b><br>01-C  |
|   |  | <b>Mgi - 1412</b>  |

| Cost Code | ITEM  | QUANTITY | UNIT OF MEASURE | MATERIAL COST |           | LABOR COST |          | EQUIPMENT |        | OTHER COSTS |           | SUB      | LINE TOTAL |
|-----------|---|----------|-----------------|---------------|-----------|------------|----------|-----------|--------|-------------|-----------|----------|------------|
|           |   |          |                 | UNIT          | TOTAL     | UNIT       | TOTAL    | UNIT      | TOTAL  | UNIT        | TOTAL     |          |            |
|           | Re-mobilization & extended OH costs             | 1.00     | LS              |               |           |            |          |           |        |             |           |          | 12,000.00  |
|           | RR Insurance Premium Upgrade                    | 1.00     | LS              |               |           |            |          |           |        | 8,000.00    |           |          | 8,000.00   |
|           | RR ROW Agreement                                | 1.00     | LS              |               |           |            |          |           |        | 500.00      |           |          | 500.00     |
|           | Survey Staking                                  | 1.00     | LS              |               |           |            |          |           |        |             |           | 1,200.00 | 1,200.00   |
|           | Traffic Control Plan (Direct Traffic)           | 1.00     | LS              |               |           |            |          |           |        |             |           | 250.00   | 250.00     |
|           | Thermo Plastic RR X-ing (Direct Traffic)        | 1.00     | LS              |               |           |            |          |           |        |             |           | 600.00   | 600.00     |
|           | Traffic Control Devices (Direct Traffic)        | 1.00     | LS              |               |           |            |          |           |        |             |           | 1,500.00 | 1,500.00   |
|           | Wireless Crosswalk System (Mid American Signal) | 1.00     | LS              | 15,456.00     | 15,456.00 |            |          |           |        |             |           |          | 15,456.00  |
|           | Concrete foundations- excavation                | 4.00     | EA              |               |           | 80.00      | 320.00   | 137.50    | 550.00 |             |           |          | 870.00     |
|           | Concrete foundations- Rebar                     | 400.00   | LB              | 0.54          | 216.00    |            |          |           |        |             |           |          | 216.00     |
|           | Anchor bolt template and installation           | 4.00     | EA              | 10.00         | 40.00     |            |          |           |        |             |           |          | 40.00      |
|           | Concrete foundation materials                   | 3.20     | CY              | 150.00        | 480.00    |            |          |           |        |             |           |          | 480.00     |
|           | Installation of Crosswalk System                | 1.00     | LS              | 200.00        | 200.00    | 2,160.00   | 2,160.00 |           |        |             |           |          | 2,360.00   |
|           | Sign - "Yield to Pedestrians"                   | 1.00     | EA              |               |           |            |          |           |        |             |           |          | 340.00     |
|           | Sign - "No Access"                              | 1.00     | EA              |               |           |            |          |           |        |             |           |          | 340.00     |
|           | Stamped Colored Concrete                        | 1.00     | LS              |               |           |            |          |           |        |             |           |          | 850.00     |
|           | <b>SUBTOTAL</b>                                 |          |                 |               | 16,392.00 |            | 2,480.00 |           | 550.00 |             | 20,500.00 |          | 45,002.00  |
|           | <b>SALES TAX &amp; LABOR BURDEN</b>             |          |                 |               |           |            | 868.00   |           |        |             |           |          | 868.00     |
|           | <b>TOTAL DIRECT COST</b>                        |          |                 |               |           |            |          |           |        |             |           |          | 45,870.00  |

**SUMMARY**

|                         |                                |
|-------------------------|--------------------------------|
|                         | TBD                            |
| additional days will be | required to complete this work |

BY: Clinton W. Redwine

|              |                  |
|--------------|------------------|
|              |                  |
| sub total    | 45,870.00        |
| OH & P 15%   | 6,881.00         |
| sub total    | 52,751.00        |
| <b>TOTAL</b> | <b>52,751.00</b> |





# MID AMERICAN SIGNAL, INC.

2429 S MILL STREET KANSAS CITY, KS 66103  
PHONE (913) 432-5002 FAX (913) 432-2213  
http://www.midamsignal.com

## QUOTATION

PREPARED FOR: Clint Redwine  
Magnum Construction  
PREPARED BY: Bill Droessler

DATE: 10/10/2016

Per Your Request: **City of Broken Arrow, Oklahoma - Solar Powered RRFB System  
Dallas Street Improvements - City Project # ST1307**

| QTY           | DESCRIPTION  | EACH        | TOTAL               |
|---------------|--|-------------|---------------------|
| 2             | Solar Powered RRFB Pedestals,<br>each to include:<br>(1) 14' Aluminum Pedestal Pole w/reinforcing collar & anchor bolts<br>(1) 5-light RRFB Wrap-Around Module, Federal Yellow<br>(1) 40W 12VDC Post Top Mounted Solar Panel<br>(1) Slim-Line Battery & Control Cabinet<br>(1) Wireless transceiver for pedestal interconnect<br>(2) 30x30 W11-2 Signs w/brackets<br>(2) 24x12 W16-7p Signs w/brackets<br>(1) Polara BullDog3 Highly Vandal Resistant Pedestrian Pushbutton<br>(1) R10-25 Push To Activate Warning Lights sign | \$ 4,989.00 | \$ 9,978.00         |
| 1             | Solar Powered RRFB Pedestal,<br>each to include:<br>(1) 14' Aluminum Pedestal Pole w/reinforcing collar & anchor bolts<br>(1) 2-light RRFB Module, Federal Yellow<br>(1) 40W 12VDC Post Top Mounted Solar Panel<br>(1) Slim-Line Battery & Control Cabinet<br>(1) Wireless transceiver for pedestal interconnect<br>(1) 30x30 W11-2 Sign w/brackets<br>(1) 24x12 "AHEAD" Sign w/brackets   | \$ 4,559.00 | \$ 4,559.00         |
| 1             | Wireless Pushbutton Assembly with<br>5' Aluminum Pedestal Pole<br>(Powered by 5-Year Lithium Battery)  | \$ 919.00   | \$ 919.00           |
| <b>TOTAL:</b> |  |             | <b>\$ 15,456.00</b> |

Terms: Net 30 days from date of invoice, or as approved by Mid American Signal Credit Department.  
An interest charge, as permitted by law, may be assessed on accounts unpaid after 30 days.  
Quotation is valid for 60 days, with delivery 4-6 weeks after receipt of approved submittals.  
Quotation is based upon quantities shown, any changes can be subject to price adjustment.

**Responsibility for liquidated damages lies solely with the purchaser.**

The above information is for the use of the person or entity named only. Unauthorized use is prohibited.

The above quotation does not include any installation of the products quoted.

PROUDLY SERVING - ARKANSAS - IOWA - KANSAS - MINNESOTA - MISSOURI - NEBRASKA - NORTH DAKOTA - OKLAHOMA - SOUTH DAKOTA

*Freight 88 - included*