

CDBG-DR 13 CHANGE ORDER OR WORK ORDER AMENDMENT

| Project Information | | | | | | | | |
|-----------------------------------|------------|-----------------|-------------------------------|---|-------------------------|--|--|--|
| Project Name | | | Plaza Towers St | treetscape & Bridge Box | | | | |
| Work Order Number (CDBG-DR 01) | I-20-W-URG | Project Address | SW 11 th Street fr | om Eagle to Penn, SW 11 th connection at | Plaza Towers Elementary | | | |
| Date | 1/31/2017 | Requested By | Rudy Constructio | n | | | | |
| Date Requested | 1/17/2017 | Total Budget | \$2,391,714.85 | Cost of Change | \$7,289.91 | | | |

| Change Order Type - Description | | | | | | | |
|---|-------------------|----------------|--------|-------------------------|--|--|--|
| Circle Type: | Field | Change | \sum | Work Order Amendment | | | |
| Budget Line Items Affe | ected: (List All) | | | | | | |
| Added Items: | | | | | | | |
| Over Excavation for pla Metal Edging | | uantity: 1,328 | Total: | \$4,980.00 | | | |
| Mobilization increased to \$156,467.33 | | | | | | | |
| Change Description All items were added to the scope of work by the Assistant City Manager. | | | | | | | |

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| Field | d Change Order | |
|--|-----------------|-----------|
| Field Change Order Authorization ONLY Vendor Signature | Date | |
| Field Change Order Authorization ONLY Project Manager Signature | Date | |
| C | hange Order | |
| Change Order Authorization ONLY Vendor Signature | Date | 1/31/2017 |
| Change Order Authorization ONLY Project Manager Signature | Date | 1/31/2017 |
| Change Order Authorization ONLY Project Supervisor Signature | Date | 1/31/2017 |
| Work (| Order Amendment | |
| Work Order Amendment Authorization ONLY Vendor Signature | Date | |
| Work Order Amendment Authorization ONLY Project Manager Signature | Date | |
| Work Order Amendment Authorization ONLY Project Supervisor Signature | Date | |
| Work Order Amendment Authorization ONLY CDBG Manager | Date | |

| Project Des City of Moo | lumber: 200b | -luded in a | | DY | Rudy Construc P.O.BOX 14575 | |
|----------------------------|--|-------------|-----------------|-----------------|--------------------------------|----------------------|
| No | Added pay items not previously in <u>Item Description</u> | <u>Unit</u> | Quantity | | No. of Units | Est. Total |
| No item No item | Over excavation for plantings Metal Edging | LS LF | 1.00 1328.00 | 1833.00 3.75 | | 1,833.00 4,980.00 |
| | Mobilization | LS | 1.00 | 476.91 | 0.00 0.00 0.00 1.00 | 0.00 |
| | TOTAL THIS ESTIMATE | | | | | 7,289.91 |

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Cost Reasonableness Certification

| Project Name | | | Plaza Towers Streetscape & Bridge Box | | | | | |
|--|---|-------------------|--|------------------------------|--|--|--------|--|
| Work Order Number | | | I-20-W-URG | | | | 1/31/2 | |
| Line Herry | | | Industry Chandard | | | | | |
| Line Item | Contract Amount \$ 435,450.00 \$ 1,258,721.00 \$ 268,035.00 \$ 100,753.52 \$ 156,467.33 \$ 2,500.00 | Industry Standard | Vendor | | | | | |
| Paving | \$ 435,450.00 | | Infrastructure Recovery and Implementation Plan Appendix B1 Table B1.8-SubArea PT3 | Cardinal Engineering | | | | |
| Drainage | \$ | 1,258,721.00 | Infrastructure Recovery and Implementation Plan Appendix B1 Table B1.8-SubArea PT3 | Cardinal Engineering | | | | |
| Traffic & Streetscape | \$ | 268,035.00 | Infrastructure Recovery and Implementation Plan Appendix B1 Table B1.8-SubArea PT3 | Cardinal Engineering | | | | |
| Landscaping | | 100,753.52 | Infrastructure Recovery and Implementation Plan Appendix B1 Table B1.8-SubArea PT3 | Cardinal Engineering | | | | |
| Mobilization | \$ | 156,467.33 | Infrastructure Recovery and Implementation Plan Appendix B1 Table B1.8-SubArea PT3 | Cardinal Engineering | | | | |
| Watering | \$ | 2,500.00 | Sole Sourced | Rudy Construction | | | | |
| High Performance Turf Reinforcing Mat | \$ | 112,500.00 | Sole Sourced | Rudy Construction | | | | |
| Irrigation System per Drawings | \$ | 33,000.00 | Engineering Plans for Street & Drainage Improvements, Steetscape and Bridge Box in the Plaza Towers Neighborhood | Cardinal Engineering | | | | |
| 12" Plain Rirap | \$. | 975.00 | Sole Sourced | Rudy Construction | | | | |
| Mailbox Remove & Replace | \$ | 1,000.00 | Sole Sourced | Rudy Construction | | | | |
| Existing Irrigation Repair at school | \$ | 7,200.00 | Sole Sourced | Rudy Construction | | | | |
| Compost for Trees Segmental Block | \$ | 5,600.00 | Sole Sourced | Rudy Construction Rudy | | | | |
| Retaining Wall Over Excavation for | \$ | 2,700.00 | Sole Sourced | Construction Rudy | | | | |
| plantings | \$ | 1,833.00 | Sole Sourced | Construction Rudy | | | | |
| Metal Edging | \$ | 4,980.00 | Sole Sourced | Construction | | | | |

Certification: The Project Supervisor (PS) of the City of Moore, Oklahoma certifies that the Cost Reasonableness summary provided above for the stated project is accurate, complete, and in conformance with Office of Management and Budget requirements on the date certified.

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Stan Drake, Project Supervisor

Signature







August 10, 2017

City of Moore Attention Mr. Jared Jakubowski Capital Planning & Resiliency 301 North Broadway Moore, Oklahoma 73160

> Subject: Reasonable Cost Analysis for Project I-20-W-URG, Plaza Towers Streetscape & Bridge Box

Mr. Jakubowski;

Pursuant to a request from the City of Moore, Cabbiness Engineering has investigated the cost of various pay items for the subject project due to revisions in the scope of work for the construction phase and has found those costs to be reasonable. The pay items and unit prices were compared to the City of Moore's 2015-2016 On-Demand Construction Services bid tabulations list, the June 2017 ODOT Price History List and the 2017 Davis-Bacon wage rates for cost "reasonableness". This review is only for general conformance with the design concept of the project and with the information given in the owner provided documents. This review determined neither accuracy of quantities nor substantiates the proper installation of those pay items.

If you have any questions, please feel free to contact us.

Sincerely, Cabbiness Engineering, LLC

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J.Bret Cabbiness, PE President

JBC/gks cc: File 261