CITY OF BROKEN ARROW
Where opportunity lives

Public Contract Application for Contractual Changes

Engineering and Construction Department
485 N. Poplar, Broken Arrow, OK. 74012
Fax: 918-259-8453 - Office: 918-259-7000

Contract Change Order # 2

Project Name: Old Town Streets - 1st St. from Dallas to College

Project Number: ST1712

Project Location: Rose District off Main Street

Date of Application: Monday, September 23, 2019

Contractor: Grade Line Construction, LLC.

Submitted By: Anna Jacob

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:

1) At the direction of COBA engineering and construction staff, additional areas of repair have been identified for repairs above and beyond the original quantity within the contract, but still within the scope of the project work within the Old Town Streets - 1st Street from Dallas to College project. These items include additional mill and overlay profile changes in the asphalt street sections, additional concrete pavement patches, subgrade modifications, additional storm inlets & storm pipe, and additional sidewalk and ramps. The line item quantities noted within this change order shall be extended such to contractually cover the associated additional work. A final reconcile change order shall be processed upon completion of the project to finalize the actual installed quantities.

2) As directed by The City of Broken Arrow, the contractor demobilized all personnel, equipment, and materials off site for the week of August 23rd. This demobilization and subsequent remobilization of associated work parties was a result of the Downtown Main Street boxing event. The associated costs with this demobilization and remobilization are summarized within this change order.

Change in Contractual Project Time:

1) None required at this time.

Plan Sheets or Additional Documents Attached: ☐ Yes ☑ No ☐ Other: ____________

Work Order Quantities

Item#	(Spec)	Item Description	Units	Price	Quantity	Total Amount
2		UNCLASSIFIED EXCAVATION	CY	$ 15.00	100	$ 1,500.00
7		AGGREGATE BASE TYPE A	CY	$ 40.00	530	$ 21,200.00
10		SUPERPAVE, TYPE S4	TON	$ 79.00	30	$ 2,370.00
14		P.C. CONCRETE FOR PAVEMENT	CY	$ 140.00	80	$ 11,200.00
15		COMBINED CONCRETE CURB & GUTTER	LF	$ 20.00	330	$ 6,600.00
16		4" CONCRETE SIDEWALK	SY	$ 40.00	190	$ 7,600.00
20		6" CONCRETE DRIVEWAY (HES)	SY	$ 60.00	67	$ 4,020.00
25		INLET ADJUST TO GRADE	EA	$ 2,400.00	3	$ 7,200.00
30		18" CORREGATED POLYPROPYLENE PIPE	LF	$ 60.00	350	$ 21,000.00
CO2-2		DEMOB / REMOBILIZAITON	LSUM	$ 10,602.93	1	$ 10,602.93
					Total Change Cost:	$ 93,292.93

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Summary of Project Costs

Total Previous Change Orders:	$ 8,670.85	Original Contract Amount:	$	433,615.86
Current Change Order:	$ 93,292.93	Amended Contract Amount:	$	535,579.64
Total Cost of Change Orders:	$ 101,963.78	Percent Change in Contract:		23.51%
Total Cost Applicable to CBA:	$ 19,273.78	Percent Change Applicable to CBA:		4.44%

Change Order Authorization

Change Order # 2 in the sum of: $ 93,292.93 has been reviewed by all parties and is recommended for approval by:

	Name	Signature	Date
Contractor Submitting Change Order:	Nathan Jacobs	Nathan J Jacobs	9-23-19
Construction Division Manager:	Timothy S Robins, PE	[signature]	9/30/19
Acting Director of Engineering & Construction:	Michael Kiser, ~~PE~~	Michael Kiser	9/30/19
Assistant City Manager - Operations:	Kenneth D Schwab, PE	Kenneth D. Schwab	09-30-19
City Manager:	Michael Spurgeon		

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, October 1, 2019~~ Tuesday, October 15, 2019

Grade Line Construction, LLC

P.O. Box 2528
Broken Arrow, Ok 74013

Phone 918-402-5001 Fax 918-893-2036

September 9. 2019

Timothy S Robins, P.E. CFM CWI
Engineering and Construction Department
City of Broken Arrow
485 N. Poplar Avenue
Broken Arrow, OK 74012

Re: Change Order #2

The following are the costs to demobilization/remobilization for the Rumble in the Rose District on the Old Town Streets project:

A&A Materials-$6,000.00
Grade Line Construction-$4,602.93

Total:$10,602.93

I have also enclosed a cost breakdown for each of the above listed items for your reference.

If you have any questions, feel free to give me a call.

Sincerely,

Nathan J. Jacob

Nathan Jacobs
General Manager
Grade Line Construction, LLC
P.O. Box 2528
Broken Arrow, OK 74013

Enclosures

GRADE LINE
CONSTRUCTION LLC
A grade above the rest

City of Broken Arrow
Cost Breakdown For Differing Site Conditions, Changes & Extra Work

Project No. ST 1712 Date 9/9/2019

Contractor Grade Line Construction, LLC

Project Name Old Town Streets

Description of Work Demobilization/Remobilization Rumble in the Rose District

1. Labor Total (Refer to Attachment A)		$1,404.60
a) Labor Overhead & Profit	25%	$351.15

2. Material Total (Refer to Attachment B)		$0.00
a) Material Overhead & Profit	20%	$0.00

1. Equipment Total (Refer to Attachment C)		$1,250.00
a) Equipment Additional Administrative Costs & Profit	20%	$250.00

4. a) Bonds		1.08%	$113.29
b) Property Damage & Liability Insurance		4.50%	$63.21
c) Workers Compensation	Rate / $100 of Payroll	11.08%	$155.63
d) Unemployment Insurance Contribution		1.90%	$26.69
e) Social Security Taxes		7.65%	$107.45
f) Employee Fringe Benefits		20%	$280.92

5. Subcontracted Work Total		$6,000.00
a) Prime Contractor Overhead on Subcontracted Work	10%	$600.00

6. Work of a Non-Highway Construction Nature		
a) Prime Contractor Overhead on Subcontracted Work	25%	$0.00

7. Total Cost of Work						$10,602.93
a) Unit Price	$10,602.93	Quantity	1	Units	LS	

Periodical Estimate - Unit Price Work

Contractor's Application

For (Contract):	Old Town Streets1st Street From Dallas to College	Contract Number:	ST1712	Application Period:	To
Contractor:	Grade Line Construction, LLC	Application Number:	DRAFT	Application Date:	FORECASTED VALUES FOR FINAL

Item											
Bid Item No.	Description	Units	Bid Item Quantity	Unit Price	Bid Item Value ($)	Quantity Installed Previously	Quantity Installed This Period	Total Earned This Period ($)	Total Installed to Date	% Installed	Balance to Finish
1	CLEARING AND GRUBBING	LSUM	1.00	$4,000.00	$4,000.00	0.80	0.20	$800.00	$4,000.00	100.0%	
2	UNCLASSIFIED EXCAVATION	CY	950.00	$15.00	$14,250.00	914.83	131.06	$1,965.90	$15,688.35	110.1%	-$1,438.35
3	UNCLASSIFIED BORROW	CY	100.00	$20.00	$2,000.00	30.00	40.00	$800.00	$1,400.00	70.0%	$600.00
4	TEMPORARY SILT FENCE	LF	1,275.00	$1.00	$1,275.00						$1,275.00
5	TEMPORARY SEDIMENT FILTER	EA	8.00	$150.00	$1,200.00	6.00			$900.00	75.0%	$300.00
6	SOLID SLAB SOD	SY	700.00	$4.00	$2,800.00	819.43	200.00	$800.00	$4,077.72	145.6%	-$1,277.72
7	AGGREGATE BASE TYPE A	CY	550.00	$40.00	$22,000.00	867.45	209.90	$8,396.00	$43,094.00	195.9%	-$21,094.00
8	SUBGRADE, METHOD B	SY	2,065.00	$1.50	$3,097.50	2,133.36	94.07	$141.11	$3,341.15	107.9%	-$243.65
9	SEPARATOR FABRIC	SY	2,500.00	$1.50	$3,750.00	2,512.64	272.00	$408.00	$4,176.96	111.4%	-$426.96
10	SUPERPAVE, TYPE S4 (PG64-22OK), INSOLUBLE	TON	400.00	$79.00	$31,600.00	216.00	210.00	$16,590.00	$33,654.00	106.5%	-$2,054.00
11	SUPERPAVE, TYPE S3 (PG64-22OK)(FULL DEPTH I	TON	5.00	$165.00	$825.00		5.00	$825.00	$825.00	100.0%	
12	COLD MILLING PAVEMENT	SY	3,500.00	$2.50	$8,750.00	1,608.00			$4,020.00	45.9%	$4,730.00
13	DOWELL JOINTED P.C. CONCRETE PAVEMENT (F	SY	1,800.00	$23.50	$42,300.00	1,875.63	141.38	$3,322.43	$47,399.74	112.1%	-$5,099.74
14	P.C. CONCRETE FOR PAVEMENT (HES)	CY	350.00	$140.00	$49,000.00	362.65	66.57	$9,319.80	$60,090.80	122.6%	-$11,090.80
15	COMBINED CONCRETE CURB & GUTTER (6" BAR	LF	1,600.00	$20.00	$32,000.00	1,083.33	842.00	$16,840.00	$38,506.60	120.3%	-$6,506.60
16	4" CONCRETE SIDEWALK	SY	480.00	$40.00	$19,200.00	355.66	309.55	$12,382.00	$26,608.40	138.6%	-$7,408.40
17	6" CONCRETE SIDEWALK (HES)	SY	75.00	$60.00	$4,500.00		72.32	$4,339.20	$4,339.20	96.4%	$160.80
18	4" DECORATIVE CONCRETE SIDEWALK	SY	15.00	$110.00	$1,650.00	9.33			$1,026.30	62.2%	$623.70
19	7" DECORATIVE CONCRETE SIDEWALK (CROSSV	SY	39.00	$125.00	$4,875.00	34.00			$4,250.00	87.2%	$625.00
20	6" CONCRETE DRIVEWAY (HES)	SY	102.00	$60.00	$6,120.00	97.41	70.56	$4,233.60	$10,078.20	164.7%	-$3,958.20
21	ASPHALT DRIVEWAY	SY	101.00	$46.50	$4,696.50		101.00	$4,696.50	$4,696.50	100.0%	
22	TACTILE WARNING DEVICE - NEW	SF	340.00	$24.00	$8,160.00	130.00	114.00	$2,736.00	$5,856.00	71.8%	$2,304.00
23	INLET CI DES. 1 (STD)	EA	2.00	$2,800.00	$5,600.00	2.00			$5,600.00	100.0%	
24	MANHOLES ADJUST TO GRADE	EA	5.00	$650.00	$3,250.00	5.00	1.00	$650.00	$3,900.00	120.0%	-$650.00
25	INLET ADJUST TO GRADE	EA	4.00	$2,400.00	$9,600.00	7.00			$16,800.00	175.0%	-$7,200.00
26	VALVE BOXES ADJUST TO GRADE	EA	9.00	$300.00	$2,700.00	13.00			$3,900.00	144.4%	-$1,200.00
27	METER BOXES ADJUST TO GRADE	EA	1.00	$300.00	$300.00	1.00	1.00	$300.00	$600.00	200.0%	-$300.00
28	(SP) 12" CORRUGATED POLYPROPYLENE PIPE (C	LF	32.00	$50.00	$1,600.00		32.00	$1,600.00	$1,600.00	100.0%	
29	(SP) 15" CORRUGATED POLYPROPYLENE PIPE (C	LF	40.00	$55.00	$2,200.00	60.67			$3,336.85	151.7%	-$1,136.85
30	(SP) 18" CORRUGATED POLYPROPYLENE PIPE (C	LF	15.00	$60.00	$900.00	374.50			$22,470.00	2496.7%	-$21,570.00
31	REMOVAL OF CURB AND GUTTER	LF	1,700.00	$6.00	$10,200.00	1,063.75	802.00	$4,812.00	$11,194.50	109.8%	-$994.50
32	REMOVAL OF CONCRETE PAVEMENT	SY	1,800.00	$8.00	$14,400.00	1,875.63	141.38	$1,131.04	$16,136.08	112.1%	-$1,736.08
33	REMOVAL OF ASPHALT PAVEMENT	SY	10.00	$8.00	$80.00						$80.00
34	REMOVAL OF CONCRETE DRIVEWAY	SY	102.00	$8.00	$816.00	97.41	15.47	$123.76	$903.04	110.7%	-$87.04
35	REMOVAL OF ASPHALT DRIVEWAY	SY	101.00	$8.00	$808.00		210.90	$1,687.20	$1,687.20	208.8%	-$879.20
36	REMOVAL OF SIDEWALK	SY	480.00	$8.00	$3,840.00	290.04	160.66	$1,285.28	$3,605.60	93.9%	$234.40
37	MOBILIZATION	LSUM	1.00	$38,000.00	$38,000.00	1.00			$38,000.00	100.0%	
38	CONSTRUCTION STAKING LEVEL II	LSUM	1.00	$4,500.00	$4,500.00	0.80	0.10	$450.00	$4,050.00	90.0%	$450.00
39	SHEET ALUMINUM SIGNS	SF	134.94	$25.00	$3,373.50		134.94	$3,373.50	$3,373.50	100.0%	
40	2 1/4" SQUARE TUBE POST	LF	312.00	$10.00	$3,120.00		312.00	$3,120.00	$3,120.00	100.0%	
41	TRAFFIC STRIPE MULTI-POLYMER (4" WIDE)	LF	5,694.00	$0.89	$5,067.66		5,694.00	$5,067.66	$5,067.66	100.0%	
42	TRAFFIC STRIPE MULTI-POLYMER (8" WIDE)	LF	1,524.00	$1.80	$2,743.20		1,524.00	$2,743.20	$2,743.20	100.0%	
43	TRAFFIC STRIPE MULTI-POLYMER (24" WIDE)	LF	287.00	$10.50	$3,013.50		287.00	$3,013.50	$3,013.50	100.0%	
44	TRAFFIC STRIPE MULTI-POLYMER (SYMBOLS)	EA	44.00	$160.00	$7,040.00		44.00	$7,040.00	$7,040.00	100.0%	
45	CONSTRUCTION TRAFFIC CONTROL	LSUM	1.00	$6,000.00	$6,000.00	0.75	0.15	$900.00	$5,400.00	90.0%	$600.00
46	12" DRAIN BASIN WITH 12" OUTLET & TRAFFIC R	EA	1.00	$2,200.00	$2,200.00		1.00	$2,200.00	$2,200.00	100.0%	
47	SIDEWALK TRENCH GRATE	LF	5.00	$500.00	$2,500.00		5.00	$2,500.00	$2,500.00	100.0%	
48	OWNER ALLOWANCE	EA	1.00	$10,000.00	$10,000.00						$10,000.00
49	PROJECT SIGN	EA	2.00	$350.00	$700.00	2.00			$700.00	100.0%	

Add Alt #1											
50	UNCLASSIFIED EXCAVATION	CY	45	$15.00	$675.00	41.31			$619.65	91.8%	$55.35
51	SOLID SLAB SOD	SY	175	$4.00	$700.00	175.00			$700.00	100.0%	
52	AGGREGATE BASE TYPE A	CY	30	$40.00	$1,200.00	21.92			$876.80	73.1%	$323.20
53	4" CONCRETE SIDEWALK	SY	160	$40.00	$6,400.00	157.19			$6,287.60	98.2%	$112.40
54	6" CONCRETE SIDEWALK (HES)	SY	30	$60.00	$1,800.00	27.77			$1,666.20	92.6%	$133.80
55	TACTILE WARNING DEVICE - NEW	SF	50	$24.00	$1,200.00	32.00			$768.00	64.0%	$432.00
Add Alt #2											
56	UNCLASSIFIED EXCAVATION	CY	40	$15.00	$600.00	38.72			$580.80	96.8%	$19.20
57	SOLID SLAB SOD	SY	200	$4.00	$800.00	200.00			$800.00	100.0%	
58	AGGREGATE BASE TYPE A	CY	20	$40.00	$800.00	17.79			$711.60	89.0%	$88.40
59	4" CONCRETE SIDEWALK	SY	165	$40.00	$6,600.00	161.72			$6,468.80	98.0%	$131.20
60	TACTILE WARNING DEVICE - NEW	SF	10	$24.00	$240.00	8.00			$192.00	80.0%	$48.00
Change Orders											
c1-1		ea	4	$600.00	$2,400.00	4.00			$2,400.00	100.0%	
c1-2		ea	1	$600.00	$600.00	1.00			$600.00	100.0%	
c1-3		cy	6	$110.00	$660.00	6.00			$660.00	100.0%	
c1-4		sy	1433	$2.45	$3,510.85	1,433.00			$3,510.85	100.0%	
c1-5		ea	1	$1,500.00	$1,500.00	1.00			$1,500.00	100.0%	
C2-1		LSUM	1	$10,650.00	$10,650.00	1.00			$10,650.00	100.0%	
							Total Stored Materials Remaining				
				Totals	**$452,936.71**			**$130,592.68**	**$525,962.34**	**116.1%**	**$23,326.45**

Forecasted numbers for total #7