



STAFF REPORT

DATE: February 7, 2017

REGULAR

ITEM #: 5

AGENDA ITEM: Eagle Point Boulevard Street and Utility Improvements – Compensating Change Order No. 4

SUBMITTED BY: Jack Griffin, City Engineer

REVIEWED BY: Kristina Handt, City Administrator
Cathy Bendel, Finance Director
Ryan Stempski, Project Engineer

BACKGROUND: Miller Excavating, Inc. was awarded a construction contract on July 7, 2015 to complete the Eagle Point Boulevard Street and Utility Improvements. The contractor has completed the work in accordance with the contract, plans and specifications; and with approval of this change order the contract amount will be adjusted to reflect quantities actually installed as a part of the project.

ISSUE BEFORE COUNCIL: Should the City Council approve Compensating Change Order No. 4 for the Eagle Point Boulevard Street and Utility Improvements?

PROPOSAL DETAILS/ANALYSIS: Compensating Change Order No. 4 would reconcile the estimated and actual quantities installed on the project.

FISCAL IMPACT: \$62,184.72 decrease to the final construction contract amount. The final construction contract amount is \$1,158,809.37 or 7.25% under the original construction contract award amount of \$1,249,949.09.

RECOMMENDATION: Staff is recommending that the City Council approve, *as part of the Consent Agenda*, Compensating Change Order No. 4 for the Eagle Point Boulevard Street and Utility Improvements project thereby decreasing the final contract amount by \$62,184.72. If removed from the consent agenda, the recommended motion for the action is as follows:

“Move to approve Compensating Change Order No. 4 for the Eagle Point Boulevard Street and Utility Improvements, thereby the final contract amount by \$62,184.72”.

ATTACHMENTS:

1. Compensating Change Order No. 4.

CONTRACT CHANGE ORDER FORM

CITY OF LAKE ELMO, MINNESOTA
EAGLE POINT BLVD STREET & UTILITY IMPROVEMENTS
PROJECT NO. 2015.120

FOCUS ENGINEERING, inc.

CHANGE ORDER NO. 4

DATE: February 7, 2017

TO: MILLER EXCAVATING, INC. , 3636 STAGECOACH TRAIL N, STILLWATER, MN 55082

This Document will become a supplement to the Contract and all provisions will apply hereto. The Contract Documents are modified as follows upon execution of this Change Order.

CHANGE ORDER DESCRIPTION / JUSTIFICATION:

Per the project Contract Documents the original contract amount and basis of award is established using the estimated quantities for each item of work listed in the bid schedule and multiplying them by the Contractor's corresponding unit bid price. The Contractor is paid for the actual final quantities installed on the project at the unit bid prices.

At the completion of the project, a compensating change order is prepared to revise the estimated quantities for each work item listed in the bid schedule to the actual quantities installed and the corresponding Contract Amount is revised accordingly.

This compensating change order reflects a net decrease to the contract amount by \$62,184.72.

Attachments (list documents supporting change): _____

ITEM	DESCRIPTION OF PAY ITEM	UNIT	QTY	UNITE PRICE	INCREASE/(DECREASE)
NET CONTRACT CHANGE					(\$62,184.72)

Amount of Original Contract	\$	1,249,494.09
Sum of Additions/Deductions approved to date	\$	(28,500.00)
Contract Amount to date	\$	1,220,994.09
Amount of this Change Order (ADD) (DEDUCT) (NO CHANGE)	\$	(62,184.72)
Revised Contract Amount	\$	1,158,809.37

The Contract Period for Final Completion will be (UNCHANGED) ~~(INCREASED)~~ ~~(DECREASED)~~ 0 days

APPROVED BY ENGINEER: FOCUS Engineering, inc.

APPROVED BY CONTRACTOR

ENGINEER

BY

1/24/2017

DATE

DATE

APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA

BY

BY

DATE

DATE

CHANGE ORDER NO.

4

EAGLE POINT BLVD STREET & UTILITY IMPROVEMENTS
CITY OF LAKE ELMO, MINNESOTA
PROJECT NO. 2015.120

FOCUS ENGINEERING, inc.

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT AMOUNT			TOTAL TO DATE		COMPENSATING CHANGE ORDER NO. 3	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	AMOUNT	AMOUNT
DIVISION 1 - GENERAL									
1	MOBILIZATION	LS	1.00	\$29,900.00	\$29,900.00	1.00	\$29,900.00	0.00	\$0.00
2	TRAFFIC CONTROL	LS	1.00	\$6,850.00	\$6,850.00	1.00	\$6,850.00	0.00	\$0.00
3	SILT FENCE	LF	3,100.00	\$2.00	\$6,200.00	3,105.00	\$6,210.00	5.00	\$10.00
4	INLET PROTECTION	EA	17.00	\$200.00	\$3,400.00	17.00	\$3,400.00	0.00	\$0.00
5	TEMPORARY ROCK CONSTRUCTION ENTRANCE	EA	2.00	\$1,000.00	\$2,000.00	2.00	\$2,000.00	0.00	\$0.00
6	STREET SWEEPING	HR	20.00	\$100.00	\$2,000.00	8.50	\$850.00	-11.50	-\$1,150.00
7	6" TOPSOIL AND SOD	SY	5,145.00	\$10.50	\$54,022.50	3,555.00	\$37,327.50	-1,590.00	-\$16,695.00
8	HYDRAULIC MULCH (TEMPORARY)	SY	2,575.00	\$1.15	\$2,961.25	3,816.00	\$4,388.40	1,241.00	\$1,427.15
SUBTOTAL - DIVISION 1			\$107,333.75			\$90,925.90		-\$16,407.85	
DIVISION 2 - SANITARY SEWER									
9	CONNECT TO EXISTING SANITARY SEWER MANHOLE	EA	2.00	\$2,800.00	\$5,600.00	2.00	\$5,600.00	0.00	\$0.00
10	SANITARY SEWER PIPE - 8"	LF	764.00	\$33.60	\$25,670.40	764.00	\$25,670.40	0.00	\$0.00
11	SANITARY SEWER MANHOLE - TYPE 301	EA	3.00	\$3,400.00	\$10,200.00	3.00	\$10,200.00	0.00	\$0.00
12	EXCESS MANHOLE DEPTH	LF	12.00	\$240.00	\$2,880.00	12.00	\$2,880.00	0.00	\$0.00
13	REMOVAL OF UNSTABLE FOUNDATION MATERIAL	CY	42.00	\$52.00	\$2,184.00	0.00	\$0.00	-42.00	-\$2,184.00
14	STABILIZING AGGREGATE BORROW	CY	42.00	\$68.00	\$2,856.00	0.00	\$0.00	-42.00	-\$2,856.00
15	TELEVISION	LF	764.00	\$3.50	\$2,674.00	764.00	\$2,674.00	0.00	\$0.00
SUBTOTAL - DIVISION 2			\$52,064.40			\$47,024.40		-\$5,040.00	
DIVISION 3 - WATERMAIN									
16	CONNECT TO EXISITING WATERMAIN	EA	1.00	\$2,650.00	\$2,650.00	1.00	\$2,650.00	0.00	\$0.00
17	6" GATE VALVE & BOX	EA	1.00	\$1,990.00	\$1,990.00	1.00	\$1,990.00	0.00	\$0.00
18	12" GATE VALVE	EA	2.00	\$4,770.00	\$9,540.00	2.00	\$9,540.00	0.00	\$0.00
19	16" BUTTERFLY VALVE & BOX	EA	1.00	\$4,990.00	\$4,990.00	1.00	\$4,990.00	0.00	\$0.00
20	HYDRANT	EA	1.00	\$4,560.00	\$4,560.00	1.00	\$4,560.00	0.00	\$0.00
21	16" DIP CL. 52 WATERMAIN	LF	209.00	\$108.00	\$22,572.00	230.00	\$24,840.00	21.00	\$2,268.00
22	REMOVE AND REPLACE VALVE BOX	EA	2.00	\$985.00	\$1,970.00	2.00	\$1,970.00	0.00	\$0.00
23	16"x45" BEND MJ DUCTILE IRON COMPACT FITTING	EA	1.00	\$1,560.00	\$1,560.00	1.00	\$1,560.00	0.00	\$0.00
24	16"x16" TEE MJ DUCTILE IRON COMPACT FITTING	EA	1.00	\$2,190.00	\$2,190.00	2.00	\$4,380.00	1.00	\$2,190.00
25	16"x12" REDUCER MJ DUCTILE IRON COMPACT FITTING	EA	2.00	\$1,380.00	\$2,760.00	2.00	\$2,760.00	0.00	\$0.00
26	16"x6" REDUCER MJ DUCTILE IRON COMPACT FITTING	EA	1.00	\$1,270.00	\$1,270.00	2.00	\$2,540.00	1.00	\$1,270.00
27	4" POLYSTYRENE INSULATION	SF	32.00	\$10.00	\$320.00	32.00	\$320.00	0.00	\$0.00
SUBTOTAL - DIVISION 3			\$56,372.00			\$62,100.00		\$5,728.00	
DIVISION 4 - STORM SEWER									
28	REMOVE EXISTING STORM SEWER STRUCTURE	EA	2.00	\$400.00	\$800.00	2.00	\$800.00	0.00	\$0.00
29	REMOVE EXISTING STORM SEWER (ALL TYPES AND SIZES)	LF	65.00	\$15.00	\$975.00	65.00	\$975.00	0.00	\$0.00
30	CONNECT TO EXISTING STORM SEWER STRUCTURE	EA	2.00	\$890.00	\$1,780.00	2.00	\$1,780.00	0.00	\$0.00
31	STORM SEWER PIPE - 12" RCP	LF	117.00	\$33.00	\$3,861.00	117.00	\$3,861.00	0.00	\$0.00
32	STORM SEWER PIPE - 15" RCP	LF	971.00	\$34.50	\$33,499.50	971.00	\$33,499.50	0.00	\$0.00
33	CATCH BASIN - TYPE 404	EA	3.00	\$1,695.00	\$5,085.00	3.00	\$5,085.00	0.00	\$0.00
34	CATCH BASIN/MANHOLE - TYPE 406	EA	7.00	\$2,665.00	\$18,655.00	7.00	\$18,655.00	0.00	\$0.00
35	RESET EXISTING CATCH BASIN CASTING	EA	2.00	\$475.00	\$950.00	2.00	\$950.00	0.00	\$0.00
36	REPAIR EXISTING CATCH BASIN CONCRETE	SF	27.00	\$36.00	\$972.00	0.00	\$0.00	-27.00	-\$972.00
SUBTOTAL - DIVISION 4			\$66,577.50			\$65,605.50		-\$972.00	
DIVISION 5 - STREETS									
37	SALVAGE POST AND SIGN	EA	11.00	\$60.00	\$660.00	5.00	\$300.00	-6.00	-\$360.00
38	REMOVE POST AND SIGN	EA	1.00	\$60.00	\$60.00	1.00	\$60.00	0.00	\$0.00
39	SAWCUT BITUMINOUS OR CONCRETE	LF	553.00	\$3.00	\$1,659.00	538.00	\$1,614.00	-15.00	-\$45.00
40	REMOVE AND DISPOSE OF EXISTING BITUMINOUS PAVEMENT (DRIVEWAY)	SY	266.00	\$5.00	\$1,330.00	266.00	\$1,330.00	0.00	\$0.00
41	REMOVE AND DISPOSE OF EXISTING CONCRETE PAVEMENT (DRIVEWAY)	SY	380.00	\$6.00	\$2,280.00	42.00	\$252.00	-338.00	-\$2,028.00
42	REMOVE AND DISPOSE OF EXISTING CONCRETE CURB	LF	7,036.00	\$2.00	\$14,072.00	7,111.00	\$14,222.00	75.00	\$150.00
43	COMMON EXCAVATION	LS	1.00	\$214,450.00	\$214,450.00	1.00	\$214,450.00	0.00	\$0.00
44	SELECT GRANULAR BORROW (CV) (P)	CY	12,000.00	\$11.95	\$143,400.00	12,000.00	\$143,400.00	0.00	\$0.00
45	SUBGRADE CORRECTION	SY	2,700.00	\$9.00	\$24,300.00	468.00	\$4,212.00	-2,232.00	-\$20,088.00
46	SUBGRADE PREPARATION	RS	34.00	\$150.00	\$5,100.00	34.00	\$5,100.00	0.00	\$0.00
47	CLASS 6 AGGREGATE BASE	TN	9,850.00	\$12.65	\$124,602.50	8,869.00	\$112,192.85	-981.00	-\$12,409.65

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT AMOUNT			TOTAL TO DATE		COMPENSATING CHANGE ORDER NO. 3	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	AMOUNT	AMOUNT
48	AGGREGATE TRAIL RESTORATION	TN	9.00	\$80.00	\$720.00	7.20	\$576.00	-1.80	-\$144.00
49	BITUMINOUS NON-WEAR COURSE	TN	1,825.00	\$62.00	\$113,150.00	1,724.08	\$106,892.96	-100.92	-\$6,257.04
50	BITUMINOUS WEAR COURSE	TN	1,825.00	\$62.00	\$113,150.00	1,774.36	\$110,010.32	-50.64	-\$3,139.68
51	BITUMINOUS MATERIAL FOR TACK COAT	GA	842.00	\$3.00	\$2,526.00	1,030.00	\$3,090.00	188.00	\$564.00
52	CONCRETE CURB AND GUTTER	LF	6,596.00	\$12.00	\$79,152.00	6,677.00	\$80,124.00	81.00	\$972.00
53	DRIVEWAY VALLEY GUTTER	EA	4.00	\$2,970.00	\$11,880.00	3.00	\$8,910.00	-1.00	-\$2,970.00
54	6" CONCRETE DRIVEWAY PAVEMENT	SY	40.00	\$55.00	\$2,200.00	42.50	\$2,337.50	2.50	\$137.50
55	BITUMINOUS DRIVEWAY PAVEMENT	SY	295.00	\$27.00	\$7,965.00	149.00	\$4,023.00	-146.00	-\$3,942.00
56	PERFORATED PVC EDGE DRAIN	LF	6,660.00	\$9.00	\$59,940.00	4,273.00	\$38,457.00	-2,387.00	-\$21,483.00
57	DRAINTILE CLEANOUT	EA	50.00	\$150.00	\$7,500.00	31.00	\$4,650.00	-19.00	-\$2,850.00
58	DRAINTILE CONNECTION INTO CATCH BASIN	EA	8.00	\$400.00	\$3,200.00	8.00	\$3,200.00	0.00	\$0.00
59	PRECAST CONCRETE HEADWALL FOR DRAINTILE	EA	6.00	\$515.00	\$3,090.00	6.00	\$3,090.00	0.00	\$0.00
60	ADJUST MANHOLE CASTING	EA	4.00	\$600.00	\$2,400.00	5.00	\$3,000.00	1.00	\$600.00
61	ADJUST GATE VALVE BOX	EA	18.00	\$350.00	\$6,300.00	16.00	\$5,600.00	-2.00	-\$700.00
62	FURNISH SIGN PANEL	SF	15.00	\$45.00	\$675.00	15.00	\$675.00	0.00	\$0.00
63	INSTALL SIGN PANELS	EA	2.00	\$200.00	\$400.00	2.00	\$400.00	0.00	\$0.00
64	4" SOLID LINE WHITE EPOXY	LF	7,116.00	\$0.53	\$3,771.48	7,116.00	\$3,771.48	0.00	\$0.00
65	4" SOLID LINE YELLOW EPOXY	LF	1,524.00	\$0.53	\$807.72	1,524.00	\$807.72	0.00	\$0.00
66	4" BROKEN LINE YELLOW EPOXY	LF	2,558.00	\$0.53	\$1,355.74	2,558.00	\$1,355.74	0.00	\$0.00
67	STOP BAR - POLY PREFORMED	EA	2.00	\$1,200.00	\$2,400.00	2.00	\$2,400.00	0.00	\$0.00
68	TEMPORARY PAVEMENT STRIPING	LS	1.00	\$4,500.00	\$4,500.00	1.00	\$4,500.00	0.00	\$0.00
69	PAVEMENT MARKINGS - POLY PREFORMED	EA	10.00	\$815.00	\$8,150.00	10.00	\$8,150.00	0.00	\$0.00
SUBTOTAL - DIVISION 5					\$967,146.44		\$893,153.57		-\$73,992.87

TOTALS - BASE CONTRACT	\$1,249,494.09	\$1,158,809.37	-\$90,684.72
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CHANGE ORDER NO. 1

CO1-1	PERFORATED PVC EDGE DRAIN	LF	(2,850.00)	\$9.00	-\$25,650.00	0	\$0.00	2,850.00	\$25,650.00
CO1-2	DRAINTILE CLEANOUT	EA	(19.00)	\$150.00	-\$2,850.00	0	\$0.00	19.00	\$2,850.00

TOTALS - CHANGE ORDER NO. 1	-\$28,500.00	\$0.00	\$28,500.00
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TOTALS - REVISED CONTRACT	\$1,220,994.09	\$1,158,809.37	-\$62,184.72
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