



## STAFF REPORT

DATE: February 5, 2019

### **CONSENT**

**AGENDA ITEM:** I-94 Lift Station (No. 1) and Sanitary Sewer Improvements –  
Compensating Change Order No. 4

**SUBMITTED BY:** Jack Griffin, City Engineer

**REVIEWED BY:** Kristina Handt, City Administrator  
Rob Weldon, Public Works Director  
Chad Isakson, Project Engineer

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**ISSUE BEFORE COUNCIL:** Should the City Council approve Compensating Change Order No. 4 for the I-94 Lift Station (No. 1) and Sanitary Sewer Improvements?

**BACKGROUND:** RL Larson Excavating, Inc. was awarded a construction contract to complete the I-94 Lift Station (No. 1) and Sanitary Sewer Improvements on May 2, 2017. 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 the actual quantities installed as a part of the project.

**PROPOSAL DETAILS/ANALYSIS:** RL Larson Excavating, Inc. has submitted a compensating change order to reconcile the estimated and actual quantities installed on the project.

**FISCAL IMPACT:** \$13,581.35 increase to the final construction contract amount.

This compensating change order will increase the final construction contract amount to \$902,903.57. The original construction contract amount at the time of award was \$809,129.70. The increase is due to additional work items requested by the city including additional pavement and sanitary sewer at the lift station, as well as additional quantities associated with rebuilding the shoulder and turn lane on Hudson Boulevard.

**RECOMMENDATION:** Staff is recommending that the City Council approve, *as part of the Consent Agenda*, Compensating Change Order No. 4 for the I-94 Lift Station (No. 1) and Sanitary Sewer Improvements. 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 I-94 Lift Station (No. 1) and Sanitary Sewer Improvements, thereby increasing the contract amount by \$13,581.35”.***

**ATTACHMENTS:**

1. Compensating Change Order No. 4.

**CONTRACT CHANGE ORDER FORM**

**CITY OF LAKE ELMO, MINNESOTA**  
I-94 LIFT STATION (NO. 1) AND SANITARY SEWER IMPROVEMENTS  
PROJECT NO. 2016.134

**FOCUS** ENGINEERING, inc.

**CHANGE ORDER NO.** 4

**DATE:** January 9, 2019

**TO:** RL Larson Excavating, Inc. 2255 12th Street SE, St. Cloud, MN 56304 ATTN: Randy Kirshman

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 increase to the contract amount by \$13,581.35.

**Attachments (list documents supporting change):** Itemization of Materials

ITEM	DESCRIPTION OF PAY ITEM	UNIT	QTY	UNIT PRICE	INCREASE/(DECREASE)
	**See attached itemization				
<b>NET CONTRACT CHANGE</b>					<b>\$13,581.35</b>

Amount of Original Contract	\$	845,122.50
Sum of Additions/Deductions approved to date (CO Nos. 1,2,3)	\$	44,199.72
Contract Amount to date	\$	889,322.22
Amount of this Change Order (ADD) (DEDUCT) (NO CHANGE)	\$	13,581.35
Revised Contract Amount	\$	902,903.57

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

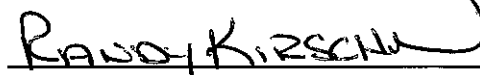
APPROVED BY ENGINEER: FOCUS ENGINEERING



ENGINEER  
1/9/2019

DATE

APPROVED BY CONTRACTOR



BY  
1/22/2019

DATE

APPROVED BY OWNER: CITY OF LAKE ELMO, MINNESOTA

BY

DATE

BY

DATE

CHANGE ORDER NO. 4

**I-94 LIFT STATION (NO. 1) AND SANITARY SEWER IMPROVEMENTS**  
**CITY OF LAKE ELMO, MINNESOTA**  
**PROJECT NO. 2016.134**

**FOCUS** ENGINEERING, inc.

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			TOTAL TO DATE		COMPENSATING CHANGE ORDER NO. 4	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	NET CHANGE	AMOUNT
1	MOBILIZATION	LS	1.00	\$30,000.00	\$30,000.00	1.00	\$30,000.00	0.00	\$0.00
2	TRAFFIC CONTROL	LS	1.00	\$6,300.00	\$6,300.00	1.00	\$6,300.00	0.00	\$0.00
3	PRECAST CONCRETE JERSEY BARRIERS	LS	1.00	\$33,000.00	\$33,000.00	1.00	\$33,000.00	0.00	\$0.00
4	TREE REMOVAL	EA	7.00	\$315.00	\$2,205.00	7.00	\$2,205.00	0.00	\$0.00
5	REMOVE AND DISPOSE OF EXISTING BITUMINOUS PAVEMENT	SY	1,510.00	\$4.00	\$6,040.00	1670.00	\$6,680.00	160.00	\$640.00
6	REMOVE AND DISPOSE OF EXISTING CONCRETE PAVEMENT	SY	9.10	\$10.00	\$91.00	9.10	\$91.00	0.00	\$0.00
7	REMOVE AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER	LF	83.00	\$10.00	\$830.00	83.00	\$830.00	0.00	\$0.00
8	REMOVE AND DISPOSE OF EXISTING GUARDRAIL	LF	180.00	\$10.00	\$1,800.00	180.00	\$1,800.00	0.00	\$0.00
9	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER PIPE	LF	1,767.00	\$4.00	\$7,068.00	1767.00	\$7,068.00	0.00	\$0.00
10	REMOVE AND DIPSOSE OF EXISTING STORM SEWER PIPE	LF	173.00	\$10.00	\$1,730.00	173.00	\$1,730.00	0.00	\$0.00
11	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER MANHOLE	EA	7.00	\$500.00	\$3,500.00	7.00	\$3,500.00	0.00	\$0.00
12	REMOVE AND DISPOSE OF EXISTING EDGE DRAIN	LF	0.00	\$10.00	\$0.00	0.00	\$0.00	0.00	\$0.00
13	REMOVE AND DISPOSE OF EXISTING SIGN	EA	1.00	\$55.00	\$55.00	1.00	\$55.00	0.00	\$0.00
14	SALVAGE AND REINSTALL MAILBOX	EA	1.00	\$130.00	\$130.00	1.00	\$130.00	0.00	\$0.00
15	SALVAGE AND REINSTALL SIGN	EA	4.00	\$160.00	\$640.00	4.00	\$640.00	0.00	\$0.00
16	SAWING BITUMINOUS PAVEMENT	LF	1,747.00	\$2.50	\$4,367.50	1556.00	\$3,890.00	-191.00	-\$477.50
17	CORE DRILL CONNECTION TO EXISTING STRUCTURE	EA	3.00	\$4,200.00	\$12,600.00	3.00	\$12,600.00	0.00	\$0.00
18	CONNECT TO EXISTING SANITARY SEWER SERVICE	EA	5.00	\$1,500.00	\$7,500.00	5.00	\$7,500.00	0.00	\$0.00
19	CONNECT EXISTING PIPE TO NEW MANHOLE	EA	2.00	\$1,605.00	\$3,210.00	2.00	\$3,210.00	0.00	\$0.00
20	15" PVC, SDR 35 SANITARY SEWER PIPE, 0' - 10' DEEP	LF	443.00	\$45.00	\$19,935.00	443.00	\$19,935.00	0.00	\$0.00
21	15" PVC, SDR 35 SANITARY SEWER PIPE, 10' - 15' DEEP	LF	920.00	\$46.00	\$42,320.00	920.00	\$42,320.00	0.00	\$0.00
22	15" PVC, SDR 35 SANITARY SEWER PIPE, 15' - 20' DEEP	LF	55.00	\$117.00	\$6,435.00	55.00	\$6,435.00	0.00	\$0.00
23	16" PVC, C900 SANITARY SEWER PIPE, 0' - 10' DEEP	LF	356.00	\$56.00	\$19,936.00	356.00	\$19,936.00	0.00	\$0.00
24	16" DIP, CL 50 SANITARY SEWER PIPE, 0' - 10' DEEP	LF	76.00	\$93.00	\$7,068.00	76.00	\$7,068.00	0.00	\$0.00
25	16" SANITARY SEWER OUTSIDE DROP	EA	1.00	\$3,317.00	\$3,317.00	1.00	\$3,317.00	0.00	\$0.00
26	15" X 6" WYE BRANCH	EA	5.00	\$1,025.00	\$5,125.00	5.00	\$5,125.00	0.00	\$0.00
27	4' DIAMETER SANITARY SEWER MANHOLE	EA	8.00	\$3,500.00	\$28,000.00	8.00	\$28,000.00	0.00	\$0.00
28	4' DIAMETER EXCESS MANHOLE DEPTH	VF	20.66	\$120.00	\$2,479.20	20.66	\$2,479.20	0.00	\$0.00
29	MANHOLE LINER	EA	1.00	\$4,200.00	\$4,200.00	1.00	\$4,200.00	0.00	\$0.00
30	REMOVAL OF UNSTABLE FOUNDATION MATERIAL	CY	70.00	\$20.00	\$1,400.00	70.00	\$1,400.00	0.00	\$0.00
31	ROCK FOUNDATION BORROW	CY	70.00	\$50.00	\$3,500.00	70.00	\$3,500.00	0.00	\$0.00
32	TELEVISION	LF	1,792.00	\$1.35	\$2,419.20	1792.00	\$2,419.20	0.00	\$0.00
33	LIFT STATION	LS	1.00	\$350,000.00	\$350,000.00	1.00	\$350,000.00	0.00	\$0.00
34	STANDBY GENERATOR	LS	1.00	\$53,000.00	\$53,000.00	1.00	\$53,000.00	0.00	\$0.00
35	BYPASS PUMPING	LS	1.00	\$28,000.00	\$28,000.00	1.00	\$28,000.00	0.00	\$0.00
36	SALVAGE AND REINSTALL APRON	EA	3.00	\$750.00	\$2,250.00	3.00	\$2,250.00	0.00	\$0.00
37	SALVAGE AND REINSTALL STORM SEWER STRUCTURE	EA	2.00	\$1,650.00	\$3,300.00	2.00	\$3,300.00	0.00	\$0.00
38	SALVAGE AND REINSTALL STORM SEWER PIPE	LF	46.00	\$44.00	\$2,024.00	46.00	\$2,024.00	0.00	\$0.00
39	PERFORATED PVC EDGE DRAIN	LF	0.00	\$20.00	\$0.00	0.00	\$0.00	0.00	\$0.00
40	18" RCP STORM SEWER, CLASS V	LF	32.00	\$47.00	\$1,504.00	32.00	\$1,504.00	0.00	\$0.00
41	18" RCP FLARED END SECTION WITH TRASH GUARD	EA	2.00	\$1,064.00	\$2,128.00	2.00	\$2,128.00	0.00	\$0.00
42	18" CM DRIVEWAY CULVERT	LF	60.00	\$33.00	\$1,980.00	60.00	\$1,980.00	0.00	\$0.00
43	18" CM APRON	EA	2.00	\$350.00	\$700.00	2.00	\$700.00	0.00	\$0.00
44	RIPRAP CLASS III	CY	6.00	\$70.00	\$420.00	6.00	\$420.00	0.00	\$0.00
45	LIFT STATION SITE GRADING	LS	1.00	\$5,000.00	\$5,000.00	1.00	\$5,000.00	0.00	\$0.00
46	BITUMINOUS DRIVEWAY PAVEMENT (LIFT STATION)	SY	507.00	\$15.75	\$7,985.25	598.00	\$9,418.50	91.00	\$1,433.25
47	COMMON EXCAVATION (DRIVEWAY AND STREET PATCHES)	CY	562.21	\$35.00	\$19,677.35	562.21	\$19,677.35	0.00	\$0.00
48	GEOTEXTILE FOR ROAD STABILIZATION	SY	0.00	\$2.00	\$0.00	0.00	\$0.00	0.00	\$0.00
49	SELECT GRANULAR BORROW	CY	89.96	\$12.00	\$1,079.52	89.96	\$1,079.52	0.00	\$0.00
50	AGGREGATE BASE, CLASS 6	TON	1,312.00	\$20.00	\$26,240.00	1312.00	\$26,240.00	0.00	\$0.00
51	TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,B)	TON	535.00	\$89.00	\$47,615.00	588.60	\$52,385.40	53.60	\$4,770.40
52	B618 CONCRETE CURB AND GUTTER	LF	90.00	\$37.00	\$3,330.00	90.00	\$3,330.00	0.00	\$0.00
53	4" CONCRETE MEDIAN	SF	65.00	\$10.50	\$682.50	65.00	\$682.50	0.00	\$0.00
54	6" CONCRETE PEDESTRIAN RAMP	EA	0.25	\$800.00	\$200.00	0.25	\$200.00	0.00	\$0.00

55	TRUNCATED DOME PANELS	SF	0.00	\$51.00	\$0.00	0.00	\$0.00	0.00	\$0.00
56	ADJUST MANHOLE CASTING	EA	1.00	\$500.00	\$500.00	1.00	\$500.00	0.00	\$0.00
57	ADJUST GATE VALVE BOX	EA	2.00	\$350.00	\$700.00	2.00	\$700.00	0.00	\$0.00
58	HYDRANT EXTENSION	LF	1.00	\$1,000.00	\$1,000.00	1.00	\$1,000.00	0.00	\$0.00
59	EXTEND VALVE BOX	EA	1.00	\$360.00	\$360.00	1.00	\$360.00	0.00	\$0.00
60	SIGN PANEL, TYPE C	SF	9.00	\$55.00	\$495.00	9.00	\$495.00	0.00	\$0.00
61	OFF ROAD STRUCTURE MARKER	EA	6.00	\$100.00	\$600.00	6.00	\$600.00	0.00	\$0.00
62	4" SOLID LINE WHITE EPOXY	LF	1,553.00	\$1.26	\$1,956.78	1553.00	\$1,956.78	0.00	\$0.00
63	PAVEMENT MESSAGE, RIGHT TURN ARROW THERMOPLASTIC (GROUND IN	EA	2.00	\$500.00	\$1,000.00	2.00	\$1,000.00	0.00	\$0.00
64	STREET SWEEPING	HR	9.00	\$140.00	\$1,260.00	9.00	\$1,260.00	0.00	\$0.00
65	EROSION CONTROL BLANKET	SY	7,090.00	\$1.74	\$12,336.60	8129.00	\$14,144.46	1039.00	\$1,807.86
66	TEMPORARY HYDROMULCH	SY	0.00	\$2.60	\$0.00	0.00	\$0.00	0.00	\$0.00
67	SEEDING	AC	1.36	\$210.00	\$285.60	1.36	\$285.60	0.00	\$0.00
68	INLET PROTECTION	EA	0.00	\$180.00	\$0.00	0.00	\$0.00	0.00	\$0.00
69	DITCH CHECK	EA	6.00	\$52.00	\$312.00	6.00	\$312.00	0.00	\$0.00
70	SILT FENCE	LF	0.00	\$3.15	\$0.00	0.00	\$0.00	0.00	\$0.00

TOTALS - BASE CONTRACT

\$845,122.50

\$853,296.51

\$8,174.01

CHANGE ORDER NO. 1									
CO1-1	REVISE PUMP DESIGN	EA	3.0	\$5,951.24	\$17,853.72	3.00	\$17,853.72	0.00	\$0.00
TOTALS - CHANGE ORDER NO. 1				\$17,853.72		\$17,853.72		\$0.00	

CHANGE ORDER NO. 3									
CO3-1	MOBILIZATION	LS	1.00	\$9,400.00	\$9,400.00	1.00	\$9,400.00	0.00	\$0.00
CO3-2	TRAFFIC CONTROL	LS	1.00	\$3,900.00	\$3,900.00	1.00	\$3,900.00	0.00	\$0.00
CO3-3	REMOVE PAVEMENT MARKING	LF	200.00	\$4.60	\$920.00	200.00	\$920.00	0.00	\$0.00
CO3-4	AGGREGATE BASE CLASS 5 (LIFT STATION SITE)	TN	14.00	\$30.00	\$420.00	32.39	\$971.70	18.39	\$551.70
CO3-5	AGGREGATE BASE, CLASS 6 (SHOULDER / TURN LANE)	TN	40.00	\$22.00	\$880.00	70.62	\$1,553.64	30.62	\$673.64
CO3-6	COMMON EXCAVATION (LIFT STATION SITE)	CY	10.00	\$52.00	\$520.00	16.00	\$832.00	6.00	\$312.00
CO3-7	COMMON EXCAVATION (SHOULDER / TURN LANE)	CY	80.00	\$42.00	\$3,360.00	60.00	\$2,520.00	-20.00	-\$840.00
CO3-8	TOPSOIL	CY	24.00	\$34.00	\$816.00	144.00	\$4,896.00	120.00	\$4,080.00
CO3-9	STRIPING	LS	1.00	\$1,800.00	\$1,800.00	1.00	\$1,800.00	0.00	\$0.00
CO3-10	SEEDING	AC	0.20	\$4,500.00	\$900.00	0.34	\$1,530.00	0.14	\$630.00
CO3-11	ADD 1' SECTION	LS	1.00	\$1,635.00	\$1,635.00	1.00	\$1,635.00	0.00	\$0.00
CO3-12	ADD 2' SECTION	LS	1.00	\$1,795.00	\$1,795.00	1.00	\$1,795.00	0.00	\$0.00
TOTALS - CHANGE ORDER NO. 3				\$26,346.00		\$31,753.34		\$5,407.34	

TOTALS - REVISED CONTRACT

\$889,322.22

\$902,903.57

\$13,581.35