



## STAFF REPORT

DATE: February 5, 2019

### **CONSENT**

**AGENDA ITEM:** I-94 Lift Station (No. 1) & Sanitary Sewer Improvements – Accept Improvements and Approve Pay Request No. 4 (Final)

**SUBMITTED BY:** Chad Isakson, Project Engineer

**REVIEWED BY:** Kristina Handt, City Administrator  
Rob Weldon, Public Works Director  
Jack Griffin, City Engineer

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**ISSUE BEFORE COUNCIL:** Should the City Council accept the I-94 Lift Station (No. 1) and Sanitary Sewer Improvements and approve Pay Request No. 4 (Final) to RL Larson Excavating, Inc?

**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 Project Engineer has prepared a Certificate of Completion indicating that all work is completed including all punch list items and is recommending acceptance of the improvements and release of final retainage. Project acceptance will initiate the one-year warranty period for the improvements. The one-year warranty will begin on February 5, 2019 and will extend through February 5, 2020.

**PROPOSAL DETAILS/ANALYSIS:** RL Larson Excavating, Inc has submitted Partial Pay Request No. 4 (Final) in the amount of \$58,179.05. The work has been reviewed by the Engineer and is fully completed in accordance with the Contract, Specifications, and Change Orders. The City Council is respectfully requested to consider accepting the improvements and approving Pay Request No. 4 (Final) for the I-94 Lift Station (No. 1) and Sanitary Sewer Improvements.

**FISCAL IMPACT:** The final total project cost is \$1,039,611.37, which is \$29,650 over the post-bid project budget and the amount used for project bonding. This budget overage was presented to the Council when approving change order No. 3. The increase is due to additional work items requested by the city including additional pump changes, pavement at the lift station, as well as quantity overruns associated with rebuilding the shoulder and turn lane on Hudson Boulevard.

**RECOMMENDATION:** Staff is recommending that the City Council consider, *as part of the Consent Agenda*, accepting the I-94 Lift Station (No. 1) and Sanitary Sewer Improvements and approving Pay Request No. 4 (Final) in the amount of \$58,179.05. If removed from the consent agenda, the recommended motion for the action is as follows:

***“Move to accept the improvements and approve Pay Request No. 4 (Final) to RL Larson Excavating, Inc. in the amount of \$58,179.05 for the I-94 Lift Station (No. 1) and Sanitary Sewer Improvements”.***

**ATTACHMENTS:**

1. Partial Pay Estimate No. 4 (Final).
2. Certificate of Completion.

**PROJECT PAY FORM**


PARTIAL PAY ESTIMATE NO. <u>4</u>	<b>FOCUS</b> ENGINEERING, inc.
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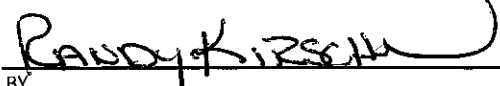
I-94 LIFT STATION (NO. 1) AND SANITARY SEWER IMPROVEMENTS PROJECT NO. 2016.134	PERIOD OF ESTIMATE FROM <u>8/1/2018</u> TO <u>12/31/2018</u>
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PROJECT OWNER: <b>CITY OF LAKE ELMO</b> 3800 LAVERNE AVENUE NORTH LAKE ELMO, MN 55042 ATTN: JACK GRIFFIN, CITY ENGINEER	CONTRACTOR: <b>RL LARSON EXCAVATING, INC.</b> 2255 12TH STREET SE ST. CLOUD, MN 56304 ATTN: RANDY KIRSCHMAN
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CONTRACT CHANGE ORDER SUMMARY				PAY ESTIMATE SUMMARY	
No.	Approval Date	Amount			
		Additions	Deductions		
1	6/20/2017	\$17,853.72		1. Original Contract Amount	\$845,122.50
2	10/17/2017	\$0.00	\$0.00	2. Net Change Order Sum	\$57,781.07
3	6/19/2018	\$26,346.00		3. Revised Contract (1+2)	\$902,903.57
4	2/5/2019	\$13,581.35		4. *Work Completed	\$902,903.57
				5. *Stored Materials	\$0.00
				6. Subtotal (4+5)	\$902,903.57
				7. Retainage* <u>0.0%</u>	\$0.00
				8. Previous Payments	\$844,724.52
<b>TOTALS</b>		\$57,781.07	\$0.00	9. Amount Due (6-7-8)	<b>\$58,179.05</b>
<b>NET CHANGE</b>		\$57,781.07		*Detailed Breakdown Attached	

CONTRACT TIME					
START DATE:	<u>10/16/2017</u>	ORIGINAL DAYS	<u>305</u>	ON SCHEDULE	
SUBSTANTIAL COMPLETION:	<u>7/27/2018</u>	REVISED DAYS	<u>0</u>	YES	<input checked="" type="checkbox"/>
FINAL COMPLETION:	<u>8/17/2018</u>	REMAINING	<u>        </u>	NO	<input type="checkbox"/>

ENGINEER'S CERTIFICATION: The undersigned certifies that the work has been reviewed and to the best of their knowledge and belief, the quantities shown in this estimate are correct and the work has been performed in accordance with the contract documents.	FOCUS Engineering, Inc.  _____ ENGINEER <u>01/16/2019</u> _____ DATE
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CONTRACTOR'S CERTIFICATION: The undersigned Contractor certifies that to the best of their knowledge, information and belief the work covered by this payment estimate has been completed in accordance with the contract documents, that all amounts have been paid by the contractor for work for which previous payment estimates was issued and payments received from the owner, and that current payment shown herein is now due.	CONTRACTOR  BY <u>Randy Kirschman</u> _____ <u>11/22/2019</u> _____ DATE
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APPROVED BY OWNER: <b>CITY OF LAKE ELMO, MINNESOTA</b>	
BY _____	BY _____
DATE _____	DATE _____

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



ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
<b>DIVISION 1 - SANITARY SEWER</b>									
1	MOBILIZATION	LS	1.00	\$30,000.00	\$30,000.00	0.00	\$0.00	1.00	\$30,000.00
2	TRAFFIC CONTROL	LS	1.00	\$6,300.00	\$6,300.00	0.00	\$0.00	1.00	\$6,300.00
3	PRECAST CONCRETE JERSEY BARRIERS	LS	1.00	\$33,000.00	\$33,000.00	0.00	\$0.00	1.00	\$33,000.00
4	TREE REMOVAL	EA	7.00	\$315.00	\$2,205.00	0.00	\$0.00	7.00	\$2,205.00
5	REMOVE AND DISPOSE OF EXISTING BITUMINOUS PAVEMENT	SY	1,510.00	\$4.00	\$6,040.00	0.00	\$0.00	1,670.00	\$6,680.00
6	REMOVE AND DISPOSE OF EXISTING CONCRETE PAVEMENT	SY	9.10	\$10.00	\$91.00	0.00	\$0.00	9.10	\$91.00
7	REMOVE AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER	LF	83.00	\$10.00	\$830.00	0.00	\$0.00	83.00	\$830.00
8	REMOVE AND DISPOSE OF EXISTING GUARDRAIL	LF	180.00	\$10.00	\$1,800.00	0.00	\$0.00	180.00	\$1,800.00
9	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER PIPE	LF	1,767.00	\$4.00	\$7,068.00	0.00	\$0.00	1,767.00	\$7,068.00
10	REMOVE AND DISPOSE OF EXISTING STORM SEWER PIPE	LF	173.00	\$10.00	\$1,730.00	0.00	\$0.00	173.00	\$1,730.00
11	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER MANHOLE	EA	7.00	\$500.00	\$3,500.00	0.00	\$0.00	7.00	\$3,500.00
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	0.00	\$0.00	1.00	\$55.00
14	SALVAGE AND REINSTALL MAILBOX	EA	1.00	\$130.00	\$130.00	0.00	\$0.00	1.00	\$130.00
15	SALVAGE AND REINSTALL SIGN	EA	4.00	\$160.00	\$640.00	0.00	\$0.00	4.00	\$640.00
16	SAWING BITUMINOUS PAVEMENT	LF	1,747.00	\$2.50	\$4,367.50	0.00	\$0.00	1,556.00	\$3,890.00
17	CORE DRILL CONNECTION TO EXISTING STRUCTURE	EA	3.00	\$4,200.00	\$12,600.00	0.00	\$0.00	3.00	\$12,600.00
18	CONNECT TO EXISTING SANITARY SEWER SERVICE	EA	5.00	\$1,500.00	\$7,500.00	0.00	\$0.00	5.00	\$7,500.00
19	CONNECT EXISTING PIPE TO NEW MANHOLE	EA	2.00	\$1,605.00	\$3,210.00	0.00	\$0.00	2.00	\$3,210.00
20	15" PVC, SDR 35 SANITARY SEWER PIPE, 0' - 10' DEEP	LF	443.00	\$45.00	\$19,935.00	0.00	\$0.00	443.00	\$19,935.00
21	15" PVC, SDR 35 SANITARY SEWER PIPE, 10' - 15' DEEP	LF	920.00	\$46.00	\$42,320.00	0.00	\$0.00	920.00	\$42,320.00
22	15" PVC, SDR 35 SANITARY SEWER PIPE, 15' - 20' DEEP	LF	55.00	\$117.00	\$6,435.00	0.00	\$0.00	55.00	\$6,435.00
23	16" PVC, C900 SANITARY SEWER PIPE, 0' - 10' DEEP	LF	356.00	\$56.00	\$19,936.00	0.00	\$0.00	356.00	\$19,936.00
24	16" DIP, CL 50 SANITARY SEWER PIPE, 0' - 10' DEEP	LF	76.00	\$93.00	\$7,068.00	0.00	\$0.00	76.00	\$7,068.00
25	16" SANITARY SEWER OUTSIDE DROP	EA	1.00	\$3,317.00	\$3,317.00	0.00	\$0.00	1.00	\$3,317.00
26	15" X 6" WYE BRANCH	EA	5.00	\$1,025.00	\$5,125.00	0.00	\$0.00	5.00	\$5,125.00
27	4" DIAMETER SANITARY SEWER MANHOLE	EA	8.00	\$3,500.00	\$28,000.00	0.00	\$0.00	8.00	\$28,000.00
28	4" DIAMETER EXCESS MANHOLE DEPTH	VF	20.66	\$120.00	\$2,479.20	0.00	\$0.00	20.66	\$2,479.20
29	MANHOLE LINER	EA	1.00	\$4,200.00	\$4,200.00	0.00	\$0.00	1.00	\$4,200.00
30	REMOVAL OF UNSTABLE FOUNDATION MATERIAL	CY	70.00	\$20.00	\$1,400.00	0.00	\$0.00	70.00	\$1,400.00
31	ROCK FOUNDATION BORROW	CY	70.00	\$50.00	\$3,500.00	0.00	\$0.00	70.00	\$3,500.00
32	TELEVISION	LF	1,792.00	\$1.35	\$2,419.20	0.00	\$0.00	1,792.00	\$2,419.20
33	LIFT STATION	LS	1.00	\$350,000.00	\$350,000.00	0.00	\$0.00	1.00	\$350,000.00
34	STANDBY GENERATOR	LS	1.00	\$53,000.00	\$53,000.00	0.00	\$0.00	1.00	\$53,000.00
35	BYPASS PUMPING	LS	1.00	\$28,000.00	\$28,000.00	0.00	\$0.00	1.00	\$28,000.00
36	SALVAGE AND REINSTALL APRON	EA	3.00	\$750.00	\$2,250.00	0.00	\$0.00	3.00	\$2,250.00
37	SALVAGE AND REINSTALL STORM SEWER STRUCTURE	EA	2.00	\$1,650.00	\$3,300.00	0.00	\$0.00	2.00	\$3,300.00
38	SALVAGE AND REINSTALL STORM SEWER PIPE	LF	46.00	\$44.00	\$2,024.00	0.00	\$0.00	46.00	\$2,024.00
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	0.00	\$0.00	32.00	\$1,504.00
41	18" RCP FLARED END SECTION WITH TRASH GUARD	EA	2.00	\$1,064.00	\$2,128.00	0.00	\$0.00	2.00	\$2,128.00
42	18" CM DRIVEWAY CULVERT	LF	60.00	\$33.00	\$1,980.00	0.00	\$0.00	60.00	\$1,980.00
43	18" CM APRON	EA	2.00	\$350.00	\$700.00	0.00	\$0.00	2.00	\$700.00
44	RIPRAP CLASS III	CY	6.00	\$70.00	\$420.00	0.00	\$0.00	6.00	\$420.00
45	LIFT STATION SITE GRADING	LS	1.00	\$5,000.00	\$5,000.00	0.00	\$0.00	1.00	\$5,000.00
46	BITUMINOUS DRIVEWAY PAVEMENT (LIFT STATION)	SY	507.00	\$15.75	\$7,985.25	0.00	\$0.00	598.00	\$9,418.50
47	COMMON EXCAVATION (DRIVEWAY AND STREET PATCHES)	CY	562.21	\$35.00	\$19,677.35	0.00	\$0.00	562.21	\$19,677.35
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	0.00	\$0.00	89.96	\$1,079.52
50	AGGREGATE BASE, CLASS 6	TON	1,312.00	\$20.00	\$26,240.00	0.00	\$0.00	1,312.00	\$26,240.00
51	TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,B)	TON	535.00	\$89.00	\$47,615.00	0.00	\$0.00	588.60	\$52,385.40
52	B618 CONCRETE CURB AND GUTTER	LF	90.00	\$37.00	\$3,330.00	0.00	\$0.00	90.00	\$3,330.00
53	4" CONCRETE MEDIAN	SF	65.00	\$10.50	\$682.50	0.00	\$0.00	65.00	\$682.50
54	6" CONCRETE PEDESTRIAN RAMP	EA	0.25	\$800.00	\$200.00	0.00	\$0.00	0.25	\$200.00
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	0.00	\$0.00	1.00	\$500.00
57	ADJUST GATE VALVE BOX	EA	2.00	\$350.00	\$700.00	0.00	\$0.00	2.00	\$700.00
58	HYDRANT EXTENSION	LF	1.00	\$1,000.00	\$1,000.00	0.00	\$0.00	1.00	\$1,000.00
59	EXTEND VALVE BOX	EA	1.00	\$360.00	\$360.00	0.00	\$0.00	1.00	\$360.00
60	SIGN PANEL, TYPE C	SF	9.00	\$55.00	\$495.00	0.00	\$0.00	9.00	\$495.00
61	OFF ROAD STRUCTURE MARKER	EA	6.00	\$100.00	\$600.00	0.00	\$0.00	6.00	\$600.00
62	4" SOLID LINE WHITE EPOXY	LF	1,553.00	\$1.26	\$1,956.78	0.00	\$0.00	1,553.00	\$1,956.78
63	PAVEMENT MESSAGE, RIGHT TURN ARROW THERMOPLASTIC (GROUND IN)	EA	2.00	\$500.00	\$1,000.00	0.00	\$0.00	2.00	\$1,000.00
64	STREET SWEEPING	HR	9.00	\$140.00	\$1,260.00	0.00	\$0.00	9.00	\$1,260.00
65	EROSION CONTROL BLANKET	SY	7,090.00	\$1.74	\$12,336.60	1,639.00	\$2,851.86	8,129.00	\$14,144.46
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	0.00	\$0.00	1.36	\$285.60
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	0.00	\$0.00	6.00	\$312.00
70	SILT FENCE	LF	0.00	\$3.15	\$0.00	0.00	\$0.00	0.00	\$0.00
SUBTOTAL - DIVISION 1 SANITARY SEWER					\$845,122.50		\$2,851.86		\$853,296.51
<b>TOTALS - BASE CONTRACT</b>					<b>\$845,122.50</b>		<b>\$2,851.86</b>		<b>\$853,296.51</b>
<b>CHANGE ORDER NO. 1</b>									
CO1-1	REVISE PUMP DESIGN	EA	3	\$ 5,951.24	\$17,853.72	0	\$0.00	3.00	\$17,853.72
<b>TOTALS - CHANGE ORDER NO. 1</b>					<b>\$17,853.72</b>		<b>\$0.00</b>		<b>\$17,853.72</b>
<b>CHANGE ORDER NO. 3</b>									
CO3-1	MOBILIZATION	LS	1.00	\$ 9,400.00	\$9,400.00	0.35	\$3,290.00	1.00	\$9,400.00
CO3-2	TRAFFIC CONTROL	LS	1.00	\$ 3,900.00	\$3,900.00	0.40	\$1,560.00	1.00	\$3,900.00
CO3-3	REMOVE PAVEMENT MARKING	LF	200.00	\$ 4.60	\$920.00	0.00	\$0.00	200.00	\$920.00

ITEM	DESCRIPTION OF PAY ITEM	UNIT	CONTRACT			THIS PERIOD		TOTAL TO DATE	
			QUANTITY	UNIT PRICE	AMOUNT	QUANTITY	AMOUNT	QUANTITY	AMOUNT
CO3-4	AGGREGATE BASE CLASS 5 (LIFT STATION SITE)	TN	14.00	\$ 30.00	\$420.00	0.00	\$0.00	32.39	\$971.70
CO3-5	AGGREGATE BASE, CLASS 6 (SHOULDER / TURN LANE)	TN	40.00	\$ 22.00	\$880.00	0.00	\$0.00	70.62	\$1,553.64
CO3-6	COMMON EXCAVATION (LIFT STATION SITE)	CY	10.00	\$ 52.00	\$520.00	0.00	\$0.00	16.00	\$832.00
CO3-7	COMMON EXCAVATION (SHOULDER / TURN LANE)	CY	80.00	\$ 42.00	\$3,360.00	0.00	\$0.00	60.00	\$2,520.00
CO3-8	TOPSOIL	CY	24.00	\$ 34.00	\$816.00	132.00	\$4,488.00	144.00	\$4,896.00
CO3-9	STRIPING	LS	1.00	\$ 1,800.00	\$1,800.00	0.00	\$0.00	1.00	\$1,800.00
CO3-10	SEEDING	AC	0.20	\$ 4,500.00	\$900.00	0.34	\$1,530.00	0.34	\$1,530.00
CO3-11	ADD 1' SECTION	LS	1.00	\$ 1,635.00	\$1,635.00	0.00	\$0.00	1.00	\$1,635.00
CO3-12	ADD 2' SECTION	LS	1.00	\$ 1,795.00	\$1,795.00	0.00	\$0.00	1.00	\$1,795.00
<b>TOTALS - CHANGE ORDER NO. 3</b>					\$26,346.00		\$10,868.00		\$31,753.34
<b>COMPENSATING CHANGE ORDER NO. 4</b>									
CO4-1	COMPENSATING CHANGE ORDER	LS	1.00	\$ 13,581.35	\$13,581.35	0.00	\$0.00	0.00	\$0.00
<b>TOTALS - COMPENSATING CHANGE ORDER NO. 4</b>					\$13,581.35		\$0.00		\$0.00
<b>TOTALS - REVISED CONTRACT</b>					<b>\$902,903.57</b>		<b>\$13,719.86</b>		<b>\$902,903.57</b>



**CERTIFICATE OF COMPLETION**

DATE OF ISSUANCE: FEBRUARY 5, 2019

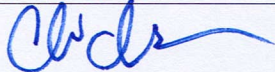
OWNER:	<u>CITY OF LAKE ELMO, MN</u>
CONTRACTOR:	<u>RL LARSON EXCAVATING, INC.</u>
PROJECT NAME:	<u>I-94 LIFT STATION (NO. 1) AND SANITARY SEWER IMPROVEMENTS</u>
PROJECT NO.:	<u>2016.134</u>

- This Certification of Completion applies to all work under the Contract Documents
- This Certification of Completion applies to the following specified parts of the Contract Documents

I do hereby certify that the work to which this Certificate applies has been constructed in accordance with the Contract dated May 2, 2017. The above-mentioned improvement is hereby declared to be complete and acceptance of this work is recommended.

DATE OF COMPLETION: February 5, 2019

Chad Isakson Reg. No. 49028



FOCUS Engineering, inc.

THE WARRANTY PERIOD BEGINS February 5, 2019 AND ENDS February 5, 2020