



STAFF REPORT

DATE: May 2, 2017

REGULAR

ITEM #: 5

AGENDA ITEM: I-94 Lift Station (No. 1) and Sanitary Sewer Improvements – Accept Bids and Award Contract

SUBMITTED BY: Jack Griffin, City Engineer

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

BACKGROUND: The I-94 Lift Station (No. 1) is located along Hudson Boulevard approximately 1,600 feet east of Inwood Avenue. The lift station was constructed as part of the Eagle Point Business Park with the capacity to serve only the 160 acre business park area. In 2013 the City expanded the sanitary sewer and water service area beyond the Eagle Point Business Park to include the area south of 10th Street between Inwood Avenue and Keats Avenue, consisting of 4.5 times the service area. With this expanded service area it was identified that Lift Station No. 1 would need to be replaced as the new service area was built-out and the replacement was programmed in the City's Capital Improvement Plan for 2017. The CIP listed this improvement as the Hudson Boulevard Lift Station.

In 2016, staff reviewed the condition and capacity of Lift Station No. 1 and verified that replacement should occur as planned. On October 4, 2016 the council authorized the preparation of plans and specifications for the improvements for construction in 2017.

ISSUE BEFORE COUNCIL: Should the City Council accept bids and award a contract for the I-94 Lift Station (No. 1) and Sanitary Sewer Improvements?

PROPOSAL DETAILS/ANALYSIS: Bids were received, publicly opened, and read aloud on Thursday, April 20. The City's design consultant has prepared and attached a Tabulation of Bids and a letter of recommendation for the award of the contract. The City received 10 bids for this project, with R.L. Larson Excavating, Inc. providing the lowest bid in the amount of \$809,129.70.

Contractor references for R.L. Larson Excavating, Inc. were reviewed and verified. The City Engineer and his consultant are therefore recommending that the Council award the contract to the lowest responsible bidder, R.L. Larson Excavating, Inc. as outlined in the attached letter.

The City Council approved the Plans and Specifications for the I-94 Lift Station (No. 1) and Sanitary Sewer Improvements on March 21, 2017 and authorized staff to advertise the Project for bids. The Project was advertised on QuestCDN.com and in the Oakdale-Lake Elmo Review in accordance with the Minnesota Competitive Bidding requirements. The improvements include the replacement of Lift Station No. 1 including a three-pump lift station sized for the initial pumps (2.02 MGD) to handle today's lower flow conditions and also be able to accommodate the service area up to 85% of full build-out. Once at capacity the pumps will be able to be pulled and replaced with minimal changes to the other lift station components to meet the full demand at build-out (2.40 MGD). The lift station improvements include an on-site generator for back-up power, electrical control panel, SCADA controls, and site improvements.

The sanitary sewer improvements include approximately 1,700 feet of 15-inch diameter trunk gravity sewer along Hudson Boulevard from the existing lift station site to Jade Trail North, the new street to the Boulder Ponds subdivision. The new sewer is replacing existing 12-inch and 10-inch sewer that is too small to meet the growing demands.

FISCAL IMPACT: Approval of this resolution commits the council to enter into a construction contract for the project with a construction contract amount of \$809,129.70. The total Post-Bid estimated project cost is \$1,007,000 to be paid from the Sanitary Sewer Enterprise fund.

RECOMMENDATION: Staff is recommending that the City Council approve Resolution No. 2017-044, thereby accepting bids and awarding a contract to R.L. Larson Excavating, Inc., in the amount of \$809,129.70, for the I-94 Lift Station (No. 1) and Sanitary Sewer Improvements. The recommended motion for the action is as follows:

“Move to approve Resolution No. 2017-044, accepting bids and awarding a contract to R.L. Larson Excavating, Inc., in the amount of \$809,129.70 for the I-94 Lift Station (No. 1) and Sanitary Sewer Improvements.”

ATTACHMENTS:

1. Resolution No. 2017-044 Accepting Bids and Awarding a Contract.
2. Engineer’s Letter of Award Recommendation and Tabulation of Bids.
3. Project Schedule.

**CITY OF LAKE ELMO
WASHINGTON COUNTY
STATE OF MINNESOTA**

RESOLUTION NO. 2017-044

**A RESOLUTION ACCEPTING BIDS AND AWARDING A CONTRACT
FOR THE I-94 LIFT STATION (NO. 1) AND SANITARY SEWER
IMPROVEMENTS**

WHEREAS, pursuant to an advertisement for bids for the I-94 Lift Station (No. 1) and Sanitary Sewer Improvements, bids were received, opened, and tabulated according to law, and bids were received complying with the advertisement; and

WHEREAS, bids were tabulated, checked and summarized to verify that all requirements of the submittal were met; and

WHEREAS, the project engineer reviewed the bids and has provided a letter recommending the award of the contract to the lowest responsible bidder, R.L. Larson Excavating, Inc., for the amount of \$809,129.70.

NOW, THEREFORE, IT IS HEREBY RESOLVED,

1. That the Mayor and City Clerk and hereby authorized and directed to enter into a Contract in the accordance with the above ordered Project, in the amount of the Contractor's lowest responsible Base Bid, and according to the plans and specifications thereof approved by the City Council.
2. The City Clerk is hereby authorized and directed to return forthwith to all bidders the deposits made with their bids, except that the deposits of the successful bidder and the next two lowest bidders shall be retained until a contract has been signed.

**ADOPTED BY THE LAKE ELMO CITY COUNCIL ON THE SECOND DAY OF MAY
2017.**

CITY OF LAKE ELMO

By: _____
Mike Pearson
Mayor

(Seal)

ATTEST:

Julie Johnson
City Clerk



Real People. Real Solutions.

2035 County Road D East
Maplewood, MN 55109-5314

Ph: (651) 704-9970
Fax: (651) 704-9971
Bolton-Menk.com

April 24, 2017

Jack Griffin
City Engineer
City of Lake Elmo
3800 Laverne Avenue N.
Lake Elmo, Minnesota 55042

RE: I-94 Lift Station (No. 1) and Sanitary Sewer Improvements
City of Lake Elmo, MN
Project No. 2016.134
BMI Project No. N15.112590

Dear Mr. Griffin,

Attached is the bid abstract for the project referenced above. Bids were received at City Hall at 3:00 p.m. on Thursday, April 20, 2017.

Bidder	Base Bid
RL Larson Excavating Inc.	\$809,129.70
A-1 Excavating Inc.	\$828,372.00
Kuechle Underground Inc.	\$943,806.00
Pember Companies, Inc.	\$950,491.20
Burschville Construction Inc.	\$959,914.00
Geislinger & Sons	\$1,042,181.00
S R Weidema, Incorporated	\$1,044,973.30
Lametti & Sons, Inc.	\$1,047,300.00
Northdale Construction Company	\$1,069,645.64
LaTour Construction, Inc.	\$1,092,776.70
Engineer's Estimate	\$930,000

We recommend awarding this bid to RL Larson Excavating Inc. in the amount of \$809,129.70.

Sincerely,

Bolton & Menk, Inc.

Michael R. Warner, P.E.
Project Engineer

Enclosure

ABSTRACT OF BIDS

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

ITEM NO.	ITEM	UNIT	1 RL LARSON EXCAVATING INC.			2 A-1 EXCAVATING INC.			3 KUECHLE UNDERGROUND INC.			4 PEMBER COMPANIES, INC.			5 BURSHVILLE CONSTRUCTION INC.		
			APPROX. QUANTITY	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE		
PART 1 - SANITARY SEWER																	
1	MOBILIZATION	LS	1	\$30,000.00	\$30,000.00	\$38,000.00	\$38,000.00	\$45,000.00	\$45,000.00	\$29,700.00	\$29,700.00	\$15,000.00	\$15,000.00				
2	TRAFFIC CONTROL	LS	1	\$6,300.00	\$6,300.00	\$7,500.00	\$7,500.00	\$6,000.00	\$6,000.00	\$9,500.00	\$9,500.00	\$7,000.00	\$7,000.00				
3	PRECAST CONCRETE JERSEY BARRIERS	LS	1	\$33,000.00	\$33,000.00	\$30,000.00	\$30,000.00	\$15,000.00	\$15,000.00	\$30,000.00	\$30,000.00	\$27,000.00	\$27,000.00				
4	TREE REMOVAL	EA	5	\$315.00	\$1,575.00	\$850.00	\$4,250.00	\$300.00	\$1,500.00	\$575.00	\$2,875.00	\$1,275.00	\$6,375.00				
5	REMOVE AND DISPOSE OF EXISTING BITUMINOUS PAVEMENT	SY	1,500	\$4.00	\$6,000.00	\$5.00	\$7,500.00	\$6.00	\$9,000.00	\$4.00	\$6,000.00	\$10.00	\$15,000.00				
6	REMOVE AND DISPOSE OF EXISTING CONCRETE PAVEMENT	SY	30	\$10.00	\$300.00	\$15.00	\$450.00	\$17.00	\$510.00	\$10.20	\$306.00	\$15.00	\$450.00				
7	REMOVE AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER	LF	80	\$10.00	\$800.00	\$7.00	\$560.00	\$5.00	\$400.00	\$6.00	\$480.00	\$10.00	\$800.00				
8	REMOVE AND DISPOSE OF EXISTING GUARDRAIL	LF	180	\$10.00	\$1,800.00	\$5.00	\$900.00	\$4.00	\$720.00	\$7.65	\$1,377.00	\$20.00	\$3,600.00				
9	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER PIPE	LF	1,770	\$4.00	\$7,080.00	\$4.00	\$7,080.00	\$0.90	\$1,593.00	\$6.55	\$11,593.50	\$5.00	\$8,850.00				
10	REMOVE AND DISPOSE OF EXISTING STORM SEWER PIPE	LF	175	\$10.00	\$1,750.00	\$15.00	\$2,625.00	\$7.00	\$1,225.00	\$13.70	\$2,397.50	\$20.00	\$3,500.00				
11	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER MANHOLE	EA	7	\$500.00	\$3,500.00	\$425.00	\$2,975.00	\$300.00	\$2,100.00	\$550.00	\$3,850.00	\$500.00	\$3,500.00				
12	REMOVE AND DISPOSE OF EXISTING EDGE DRAIN	LF	20	\$10.00	\$200.00	\$5.00	\$100.00	\$1.00	\$20.00	\$7.50	\$150.00	\$10.00	\$200.00				
13	REMOVE AND DISPOSE OF EXISTING SIGN	EA	1	\$55.00	\$55.00	\$75.00	\$75.00	\$50.00	\$50.00	\$52.50	\$52.50	\$250.00	\$250.00				
14	SALVAGE AND REINSTALL MAILBOX	EA	1	\$130.00	\$130.00	\$200.00	\$200.00	\$125.00	\$125.00	\$130.00	\$130.00	\$300.00	\$300.00				
15	SALVAGE AND REINSTALL SIGN	EA	4	\$160.00	\$640.00	\$175.00	\$700.00	\$150.00	\$600.00	\$160.00	\$640.00	\$300.00	\$1,200.00				
16	SAWING BITUMINOUS PAVEMENT	LF	1,300	\$2.50	\$3,250.00	\$2.50	\$3,250.00	\$2.00	\$2,600.00	\$3.00	\$3,900.00	\$4.00	\$5,200.00				
17	CORE DRILL CONNECTION TO EXISTING STRUCTURE	EA	2	\$4,200.00	\$8,400.00	\$1,100.00	\$2,200.00	\$6,500.00	\$13,000.00	\$1,885.00	\$3,770.00	\$7,500.00	\$15,000.00				
18	CONNECT TO EXISTING SANITARY SEWER SERVICE	EA	5	\$1,500.00	\$7,500.00	\$470.00	\$2,350.00	\$290.00	\$1,450.00	\$425.00	\$2,125.00	\$600.00	\$3,000.00				
19	CONNECT EXISTING PIPE TO NEW MANHOLE	EA	2	\$1,605.00	\$3,210.00	\$1,500.00	\$3,000.00	\$1,200.00	\$2,400.00	\$975.00	\$1,950.00	\$1,500.00	\$3,000.00				
20	15" PVC, SDR 35 SANITARY SEWER PIPE, 0' - 10' DEEP	LF	445	\$45.00	\$20,025.00	\$45.00	\$20,025.00	\$98.00	\$43,610.00	\$63.50	\$28,257.50	\$92.00	\$40,940.00				
21	15" PVC, SDR 35 SANITARY SEWER PIPE, 10' - 15' DEEP	LF	920	\$46.00	\$42,320.00	\$49.00	\$45,080.00	\$108.00	\$99,360.00	\$72.50	\$66,700.00	\$116.00	\$106,720.00				
22	15" PVC, SDR 35 SANITARY SEWER PIPE, 15' - 20' DEEP	LF	55	\$117.00	\$6,435.00	\$78.00	\$4,290.00	\$137.00	\$7,535.00	\$169.00	\$9,295.00	\$185.00	\$10,175.00				
23	16" PVC, C900 SANITARY SEWER PIPE, 0' - 10' DEEP	LF	356	\$56.00	\$19,936.00	\$65.00	\$23,140.00	\$119.00	\$42,364.00	\$81.00	\$28,836.00	\$110.00	\$39,160.00				
24	16" DIP, CL 50 SANITARY SEWER PIPE, 0' - 10' DEEP	LF	20	\$93.00	\$1,860.00	\$77.00	\$1,540.00	\$133.00	\$2,660.00	\$94.50	\$1,890.00	\$125.00	\$2,500.00				
25	16" SANITARY SEWER OUTSIDE DROP	EA	1	\$3,317.00	\$3,317.00	\$3,400.00	\$3,400.00	\$9,300.00	\$9,300.00	\$4,600.00	\$4,600.00	\$4,800.00	\$4,800.00				
26	15" X 6" WYE BRANCH	EA	5	\$1,025.00	\$5,125.00	\$690.00	\$3,450.00	\$750.00	\$3,750.00	\$900.00	\$4,500.00	\$550.00	\$2,750.00				
27	4' DIAMETER SANITARY SEWER MANHOLE	EA	7	\$3,500.00	\$24,500.00	\$2,840.00	\$19,880.00	\$3,300.00	\$23,100.00	\$3,000.00	\$21,000.00	\$4,530.00	\$31,710.00				
28	4' DIAMETER EXCESS MANHOLE DEPTH	VF	12	\$120.00	\$1,440.00	\$205.00	\$2,460.00	\$200.00	\$2,400.00	\$180.00	\$2,160.00	\$120.00	\$1,440.00				
29	MANHOLE LINER	EA	1	\$4,200.00	\$4,200.00	\$6,000.00	\$6,000.00	\$4,200.00	\$4,200.00	\$10,000.00	\$10,000.00	\$4,500.00	\$4,500.00				
30	REMOVAL OF UNSTABLE FOUNDATION MATERIAL	CY	50	\$20.00	\$1,000.00	\$15.00	\$750.00	\$24.00	\$1,200.00	\$20.00	\$1,000.00	\$20.00	\$1,000.00				
31	ROCK FOUNDATION BORROW	CY	50	\$50.00	\$2,500.00	\$40.00	\$2,000.00	\$40.00	\$2,000.00	\$45.00	\$2,250.00	\$60.00	\$3,000.00				
32	TELEVISIONING	LF	1,792	\$1.35	\$2,419.20	\$1.50	\$2,688.00	\$1.50	\$2,688.00	\$1.85	\$3,315.20	\$2.00	\$3,584.00				
33	LIFT STATION	LS	1	\$350,000.00	\$350,000.00	\$386,000.00	\$386,000.00	\$393,000.00	\$393,000.00	\$439,000.00	\$439,000.00	\$372,500.00	\$372,500.00				
34	STANDBY GENERATOR	LS	1	\$53,000.00	\$53,000.00	\$52,000.00	\$52,000.00	\$55,000.00	\$55,000.00	\$57,000.00	\$57,000.00	\$52,500.00	\$52,500.00				
35	BYPASS PUMPING	LS	1	\$28,000.00	\$28,000.00	\$5,000.00	\$5,000.00	\$20,000.00	\$20,000.00	\$16,000.00	\$16,000.00	\$29,000.00	\$29,000.00				
36	SALVAGE AND REINSTALL APRON	EA	3	\$750.00	\$2,250.00	\$550.00	\$1,650.00	\$275.00	\$825.00	\$410.00	\$1,230.00	\$1,500.00	\$4,500.00				
37	SALVAGE AND REINSTALL STORM SEWER STRUCTURE	EA	2	\$1,650.00	\$3,300.00	\$1,600.00	\$3,200.00	\$2,200.00	\$4,400.00	\$1,400.00	\$2,800.00	\$2,500.00	\$5,000.00				

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

ITEM NO.	ITEM	UNIT	APPROX. QUANTITY	1 RL LARSON EXCAVATING INC.		2 A-1 EXCAVATING INC.		3 KJECHE UNDERGROUND INC.		4 PEMBER COMPANIES, INC.		5 BURSHVILLE CONSTRUCTION INC.	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
38	SALVAGE AND REINSTALL STORM SEWER PIPE	LF	60	\$44.00	\$2,640.00	\$52.00	\$3,120.00	\$38.00	\$2,280.00	\$67.00	\$4,020.00	\$50.00	\$3,000.00
39	PERFORATED PVC EDGE DRAIN	LF	20	\$20.00	\$400.00	\$18.00	\$360.00	\$15.00	\$300.00	\$25.00	\$500.00	\$15.00	\$300.00
40	18" RCP STORM SEWER, CLASS V	LF	32	\$47.00	\$1,504.00	\$57.00	\$1,824.00	\$40.00	\$1,280.00	\$56.00	\$1,792.00	\$45.00	\$1,440.00
41	18" RCP FLARED END SECTION WITH TRASH GUARD	EA	2	\$1,064.00	\$2,128.00	\$2,030.00	\$4,060.00	\$870.00	\$1,740.00	\$1,050.00	\$2,100.00	\$1,300.00	\$2,600.00
42	18" CM DRIVEWAY CULVERT	LF	120	\$33.00	\$3,960.00	\$41.00	\$4,920.00	\$38.00	\$4,560.00	\$51.00	\$6,120.00	\$42.50	\$5,100.00
43	18" CM APRON	EA	4	\$350.00	\$1,400.00	\$400.00	\$1,600.00	\$260.00	\$1,040.00	\$310.00	\$1,240.00	\$300.00	\$1,200.00
44	RIPRAP CLASS III	CY	6	\$70.00	\$420.00	\$90.00	\$540.00	\$88.00	\$528.00	\$125.00	\$750.00	\$150.00	\$900.00
45	LIFT STATION SITE GRADING	LS	1	\$5,000.00	\$5,000.00	\$7,500.00	\$7,500.00	\$9,500.00	\$9,500.00	\$5,400.00	\$5,400.00	\$6,000.00	\$6,000.00
46	BITUMINOUS DRIVEWAY PAVEMENT (LIFT STATION)	SY	450	\$15.75	\$7,087.50	\$19.00	\$8,550.00	\$25.00	\$11,250.00	\$16.00	\$7,200.00	\$20.00	\$9,000.00
47	COMMON EXCAVATION (DRIVEWAY AND STREET PATCHES)	CY	450	\$35.00	\$15,750.00	\$16.00	\$7,200.00	\$20.00	\$9,000.00	\$32.50	\$14,625.00	\$20.00	\$9,000.00
48	GEOTEXTILE FOR ROAD STABILIZATION	SY	130	\$2.00	\$260.00	\$3.00	\$390.00	\$6.00	\$780.00	\$2.10	\$273.00	\$5.00	\$650.00
49	SELECT GRANULAR BORROW	CY	125	\$12.00	\$1,500.00	\$28.00	\$3,500.00	\$22.00	\$2,750.00	\$23.50	\$2,937.50	\$25.00	\$3,125.00
50	AGGREGATE BASE, CLASS 6	TON	700	\$20.00	\$14,000.00	\$25.00	\$17,500.00	\$16.50	\$11,550.00	\$29.00	\$20,300.00	\$22.50	\$15,750.00
51	TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,B)	TON	450	\$89.00	\$40,050.00	\$90.00	\$40,500.00	\$95.00	\$42,750.00	\$91.15	\$41,017.50	\$90.00	\$40,500.00
52	B618 CONCRETE CURB AND GUTTER	LF	80	\$37.00	\$2,960.00	\$35.00	\$2,800.00	\$70.00	\$5,600.00	\$28.70	\$2,296.00	\$40.00	\$3,200.00
53	4" CONCRETE MEDIAN	SF	130	\$10.50	\$1,365.00	\$8.00	\$1,040.00	\$9.00	\$1,170.00	\$4.15	\$539.50	\$10.00	\$1,300.00
54	6" CONCRETE PEDESTRIAN RAMP	EA	1	\$800.00	\$800.00	\$1,300.00	\$1,300.00	\$750.00	\$750.00	\$470.00	\$470.00	\$1,200.00	\$1,200.00
55	TRUNCATED DOME PANELS	SF	12	\$51.00	\$612.00	\$70.00	\$840.00	\$65.00	\$780.00	\$44.00	\$528.00	\$50.00	\$600.00
56	ADJUST MANHOLE CASTING	EA	1	\$500.00	\$500.00	\$280.00	\$280.00	\$700.00	\$700.00	\$625.00	\$625.00	\$650.00	\$650.00
57	ADJUST GATE VALVE BOX	EA	1	\$350.00	\$350.00	\$150.00	\$150.00	\$500.00	\$500.00	\$185.00	\$185.00	\$300.00	\$300.00
58	HYDRANT EXTENSION	LF	1	\$1,000.00	\$1,000.00	\$720.00	\$720.00	\$650.00	\$650.00	\$800.00	\$800.00	\$700.00	\$700.00
59	EXTEND VALVE BOX	EA	1	\$360.00	\$360.00	\$235.00	\$235.00	\$145.00	\$145.00	\$270.00	\$270.00	\$150.00	\$150.00
60	SIGN PANEL, TYPE C	SF	9	\$55.00	\$495.00	\$40.00	\$360.00	\$50.00	\$450.00	\$52.50	\$472.50	\$60.00	\$540.00
61	OFF ROAD STRUCTURE MARKER	EA	6	\$100.00	\$600.00	\$180.00	\$1,080.00	\$85.00	\$510.00	\$125.00	\$750.00	\$100.00	\$600.00
62	4" SOLID LINE WHITE EPOXY	LF	1,000	\$1.26	\$1,260.00	\$1.25	\$1,250.00	\$1.15	\$1,150.00	\$1.20	\$1,200.00	\$1.30	\$1,300.00
63	PAVEMENT MESSAGE, RIGHT TURN ARROW THERMOPLASTIC (GROUND IN)	EA	2	\$500.00	\$1,000.00	\$550.00	\$1,100.00	\$515.00	\$1,030.00	\$540.00	\$1,080.00	\$570.00	\$1,140.00
64	STREET SWEEPING	HR	5	\$140.00	\$700.00	\$150.00	\$750.00	\$150.00	\$750.00	\$125.00	\$625.00	\$150.00	\$750.00
65	EROSION CONTROL BLANKET	SY	6,600	\$1.74	\$11,484.00	\$1.80	\$11,880.00	\$0.90	\$5,940.00	\$0.95	\$6,270.00	\$1.65	\$10,890.00
66	TEMPORARY HYDROMULCH	SY	100	\$2.60	\$260.00	\$1.00	\$100.00	\$4.00	\$400.00	\$4.20	\$420.00	\$2.25	\$225.00
67	SEEDING	AC	1.3	\$210.00	\$273.00	\$3,500.00	\$4,550.00	\$960.00	\$1,248.00	\$10,200.00	\$13,260.00	\$600.00	\$780.00
68	INLET PROTECTION	EA	5	\$180.00	\$900.00	\$150.00	\$750.00	\$200.00	\$1,000.00	\$100.00	\$500.00	\$200.00	\$1,000.00
69	DITCH CHECK	EA	7	\$52.00	\$364.00	\$125.00	\$875.00	\$120.00	\$840.00	\$125.00	\$875.00	\$60.00	\$420.00
70	SILT FENCE	LF	200	\$3.15	\$630.00	\$2.40	\$480.00	\$1.00	\$200.00	\$2.10	\$420.00	\$3.00	\$600.00
TOTAL PART 1 - SANITARY SEWER					\$809,129.70		\$828,372.00		\$943,806.00		\$950,491.20		\$959,914.00

ABSTRACT OF BIDS

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

ITEM NO.	ITEM	UNIT	APPROX. QUANTITY	6 GEISLINGER & SONS, INC.		7 S R WEIDEMA, INC.		8 LAMETTI & SONS, INC.		9 NORTHDAL CONSTRUCTION COMPANY		10 LATOUR CONSTRUCTION, INC.	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
PART 1 - SANITARY SEWER													
1	MOBILIZATION	LS	1	\$48,000.00	\$48,000.00	\$46,000.00	\$46,000.00	\$55,000.00	\$55,000.00	\$79,333.00	\$79,333.00	\$77,000.00	\$77,000.00
2	TRAFFIC CONTROL	LS	1	\$9,000.00	\$9,000.00	\$7,500.00	\$7,500.00	\$15,000.00	\$15,000.00	\$7,970.00	\$7,970.00	\$6,300.00	\$6,300.00
3	PRECAST CONCRETE JERSEY BARRIERS	LS	1	\$25,000.00	\$25,000.00	\$23,900.00	\$23,900.00	\$15,000.00	\$15,000.00	\$17,584.00	\$17,584.00	\$25,000.00	\$25,000.00
4	TREE REMOVAL	EA	5	\$500.00	\$2,500.00	\$550.00	\$2,750.00	\$1,000.00	\$5,000.00	\$336.00	\$1,680.00	\$320.00	\$1,600.00
5	REMOVE AND DISPOSE OF EXISTING BITUMINOUS PAVEMENT	SY	1,500	\$4.00	\$6,000.00	\$3.00	\$4,500.00	\$4.00	\$6,000.00	\$6.75	\$10,125.00	\$3.70	\$5,550.00
6	REMOVE AND DISPOSE OF EXISTING CONCRETE PAVEMENT	SY	30	\$20.00	\$600.00	\$8.00	\$240.00	\$15.00	\$450.00	\$12.50	\$375.00	\$11.00	\$330.00
7	REMOVE AND DISPOSE OF EXISTING CONCRETE CURB AND GUTTER	LF	80	\$10.00	\$800.00	\$4.00	\$320.00	\$10.00	\$800.00	\$10.50	\$840.00	\$8.00	\$640.00
8	REMOVE AND DISPOSE OF EXISTING GUARDRAIL	LF	180	\$12.00	\$2,160.00	\$13.00	\$2,340.00	\$10.00	\$1,800.00	\$12.50	\$2,250.00	\$11.00	\$1,980.00
9	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER PIPE	LF	1,770	\$2.00	\$3,540.00	\$13.00	\$23,010.00	\$5.00	\$8,850.00	\$6.25	\$11,062.50	\$3.20	\$5,664.00
10	REMOVE AND DISPOSE OF EXISTING STORM SEWER PIPE	LF	175	\$30.00	\$5,250.00	\$18.00	\$3,150.00	\$5.00	\$875.00	\$12.50	\$2,187.50	\$11.00	\$1,925.00
11	REMOVE AND DISPOSE OF EXISTING SANITARY SEWER MANHOLE	EA	7	\$400.00	\$2,800.00	\$900.00	\$6,300.00	\$1,000.00	\$7,000.00	\$750.00	\$5,250.00	\$530.00	\$3,710.00
12	REMOVE AND DISPOSE OF EXISTING EDGE DRAIN	LF	20	\$10.00	\$200.00	\$5.00	\$100.00	\$5.00	\$100.00	\$8.50	\$170.00	\$5.25	\$105.00
13	REMOVE AND DISPOSE OF EXISTING SIGN	EA	1	\$50.00	\$50.00	\$50.00	\$50.00	\$100.00	\$100.00	\$35.00	\$35.00	\$53.00	\$53.00
14	SALVAGE AND REINSTALL MAILBOX	EA	1	\$250.00	\$250.00	\$500.00	\$500.00	\$100.00	\$100.00	\$475.00	\$475.00	\$260.00	\$260.00
15	SALVAGE AND REINSTALL SIGN	EA	4	\$150.00	\$600.00	\$250.00	\$1,000.00	\$100.00	\$400.00	\$308.00	\$1,232.00	\$160.00	\$640.00
16	SAWING BITUMINOUS PAVEMENT	LF	1,300	\$4.00	\$5,200.00	\$2.00	\$2,600.00	\$2.00	\$2,600.00	\$5.75	\$7,475.00	\$3.15	\$4,095.00
17	CORE DRILL CONNECTION TO EXISTING STRUCTURE	EA	2	\$7,500.00	\$15,000.00	\$2,750.00	\$5,500.00	\$200.00	\$400.00	\$2,850.00	\$5,700.00	\$4,800.00	\$9,600.00
18	CONNECT TO EXISTING SANITARY SEWER SERVICE	EA	5	\$450.00	\$2,250.00	\$1,280.00	\$6,400.00	\$500.00	\$2,500.00	\$344.16	\$1,720.80	\$340.00	\$1,700.00
19	CONNECT EXISTING PIPE TO NEW MANHOLE	EA	2	\$1,500.00	\$3,000.00	\$1,395.00	\$2,790.00	\$1,000.00	\$2,000.00	\$1,250.99	\$2,501.98	\$1,200.00	\$2,400.00
20	15" PVC, SDR 35 SANITARY SEWER PIPE, 0' - 10' DEEP	LF	445	\$70.00	\$31,150.00	\$76.50	\$34,042.50	\$50.00	\$22,250.00	\$99.17	\$44,130.65	\$80.50	\$35,822.50
21	15" PVC, SDR 35 SANITARY SEWER PIPE, 10' - 15' DEEP	LF	920	\$72.00	\$66,240.00	\$76.50	\$70,380.00	\$55.00	\$50,600.00	\$99.17	\$91,236.40	\$86.00	\$79,120.00
22	15" PVC, SDR 35 SANITARY SEWER PIPE, 15' - 20' DEEP	LF	55	\$74.00	\$4,070.00	\$76.50	\$4,207.50	\$100.00	\$5,500.00	\$99.17	\$5,454.35	\$91.00	\$5,005.00
23	16" PVC, C900 SANITARY SEWER PIPE, 0' - 10' DEEP	LF	356	\$86.00	\$30,616.00	\$86.00	\$30,616.00	\$100.00	\$35,600.00	\$114.54	\$40,776.24	\$91.00	\$32,396.00
24	16" DIP, CL 50 SANITARY SEWER PIPE, 0' - 10' DEEP	LF	20	\$95.00	\$1,900.00	\$115.00	\$2,300.00	\$115.00	\$2,300.00	\$225.95	\$4,519.00	\$106.00	\$2,120.00
25	16" SANITARY SEWER OUTSIDE DROP	EA	1	\$12,500.00	\$12,500.00	\$5,542.00	\$5,542.00	\$5,000.00	\$5,000.00	\$4,635.45	\$4,635.45	\$8,900.00	\$8,900.00
26	15" X 6" WYE BRANCH	EA	5	\$850.00	\$4,250.00	\$545.00	\$2,725.00	\$750.00	\$3,750.00	\$839.38	\$4,196.90	\$840.00	\$4,200.00
27	4' DIAMETER SANITARY SEWER MANHOLE	EA	7	\$4,500.00	\$31,500.00	\$3,772.00	\$26,404.00	\$7,500.00	\$52,500.00	\$3,059.67	\$21,417.69	\$3,100.00	\$21,700.00
28	4' DIAMETER EXCESS MANHOLE DEPTH	VF	12	\$130.00	\$1,560.00	\$245.00	\$2,940.00	\$150.00	\$1,800.00	\$161.14	\$1,933.68	\$109.00	\$1,308.00
29	MANHOLE LINER	EA	1	\$7,000.00	\$7,000.00	\$4,625.00	\$4,625.00	\$5,000.00	\$5,000.00	\$5,022.77	\$5,022.77	\$4,000.00	\$4,000.00
30	REMOVAL OF UNSTABLE FOUNDATION MATERIAL	CY	50	\$20.00	\$1,000.00	\$20.00	\$1,000.00	\$10.00	\$500.00	\$35.00	\$1,750.00	\$21.00	\$1,050.00
31	ROCK FOUNDATION BORROW	CY	50	\$45.00	\$2,250.00	\$60.00	\$3,000.00	\$25.00	\$1,250.00	\$43.00	\$2,150.00	\$47.00	\$2,350.00
32	TELEVISIONING	LF	1,792	\$2.50	\$4,480.00	\$2.00	\$3,584.00	\$1.50	\$2,688.00	\$2.18	\$3,906.56	\$1.85	\$3,315.20
33	LIFT STATION	LS	1	\$471,000.00	\$471,000.00	\$449,000.00	\$449,000.00	\$450,907.00	\$450,907.00	\$445,333.00	\$445,333.00	\$486,000.00	\$486,000.00
34	STANDBY GENERATOR	LS	1	\$65,000.00	\$65,000.00	\$58,450.00	\$58,450.00	\$50,000.00	\$50,000.00	\$57,933.00	\$57,933.00	\$55,000.00	\$55,000.00
35	BYPASS PUMPING	LS	1	\$25,000.00	\$25,000.00	\$68,660.00	\$68,660.00	\$50,000.00	\$50,000.00	\$25,760.00	\$25,760.00	\$62,000.00	\$62,000.00
36	SALVAGE AND REINSTALL APRON	EA	3	\$1,200.00	\$3,600.00	\$950.00	\$2,850.00	\$200.00	\$600.00	\$675.00	\$2,025.00	\$1,100.00	\$3,300.00
37	SALVAGE AND REINSTALL STORM SEWER STRUCTURE	EA	2	\$1,800.00	\$3,600.00	\$2,090.00	\$4,180.00	\$300.00	\$600.00	\$975.00	\$1,950.00	\$3,800.00	\$7,600.00

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

ITEM NO.	ITEM	UNIT	APPROX. QUANTITY	6 GEISLINGER & SONS, INC.		7 S R WEIDEMA, INC.		8 LAMETTI & SONS, INC.		9 NORTHDALE CONSTRUCTION COMPANY		10 LATOUR CONSTRUCTION, INC.	
				UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE	UNIT PRICE	TOTAL PRICE
38	SALVAGE AND REINSTALL STORM SEWER PIPE	LF	60	\$50.00	\$3,000.00	\$62.00	\$3,720.00	\$70.00	\$4,200.00	\$28.50	\$1,710.00	\$60.00	\$3,600.00
39	PERFORATED PVC EDGE DRAIN	LF	20	\$25.00	\$500.00	\$5.00	\$100.00	\$25.00	\$500.00	\$35.00	\$700.00	\$16.00	\$320.00
40	18" RCP STORM SEWER, CLASS V	LF	32	\$65.00	\$2,080.00	\$50.00	\$1,600.00	\$150.00	\$4,800.00	\$62.47	\$1,999.04	\$41.00	\$1,312.00
41	18" RCP FLARED END SECTION WITH TRASH GUARD	EA	2	\$1,250.00	\$2,500.00	\$1,180.00	\$2,360.00	\$1,000.00	\$2,000.00	\$1,174.27	\$2,348.54	\$1,032.00	\$2,064.00
42	18" CM DRIVEWAY CULVERT	LF	120	\$50.00	\$6,000.00	\$40.00	\$4,800.00	\$50.00	\$6,000.00	\$49.44	\$5,932.80	\$35.00	\$4,200.00
43	18" CM APRON	EA	4	\$750.00	\$3,000.00	\$565.00	\$2,260.00	\$300.00	\$1,200.00	\$257.15	\$1,028.60	\$300.00	\$1,200.00
44	RIPRAP CLASS III	CY	6	\$110.00	\$660.00	\$170.00	\$1,020.00	\$25.00	\$150.00	\$135.00	\$810.00	\$81.00	\$486.00
45	LIFT STATION SITE GRADING	LS	1	\$6,500.00	\$6,500.00	\$2,365.00	\$2,365.00	\$35,000.00	\$35,000.00	\$7,484.96	\$7,484.96	\$10,000.00	\$10,000.00
46	BITUMINOUS DRIVEWAY PAVEMENT (LIFT STATION)	SY	450	\$30.00	\$13,500.00	\$48.00	\$21,600.00	\$40.00	\$18,000.00	\$32.93	\$14,818.50	\$27.00	\$12,150.00
47	COMMON EXCAVATION (DRIVEWAY AND STREET PATCHES)	CY	450	\$14.00	\$6,300.00	\$13.50	\$6,075.00	\$15.00	\$6,750.00	\$26.75	\$12,037.50	\$17.50	\$7,875.00
48	GEOTEXTILE FOR ROAD STABILIZATION	SY	130	\$3.00	\$390.00	\$2.01	\$261.30	\$2.00	\$260.00	\$3.50	\$455.00	\$3.00	\$390.00
49	SELECT GRANULAR BORROW	CY	125	\$45.00	\$5,625.00	\$22.00	\$2,750.00	\$10.00	\$1,250.00	\$23.75	\$2,968.75	\$27.00	\$3,375.00
50	AGGREGATE BASE, CLASS 6	TON	700	\$28.00	\$19,600.00	\$18.00	\$12,600.00	\$25.00	\$17,500.00	\$33.95	\$23,765.00	\$27.70	\$19,390.00
51	TYPE SP 9.5 BITUMINOUS WEARING COURSE MIXTURE (2,B)	TON	450	\$85.00	\$38,250.00	\$90.00	\$40,500.00	\$130.00	\$58,500.00	\$95.20	\$42,840.00	\$89.00	\$40,050.00
52	B618 CONCRETE CURB AND GUTTER	LF	80	\$35.00	\$2,800.00	\$41.00	\$3,280.00	\$25.00	\$2,000.00	\$50.40	\$4,032.00	\$42.00	\$3,360.00
53	4" CONCRETE MEDIAN	SF	130	\$15.00	\$1,950.00	\$19.00	\$2,470.00	\$10.00	\$1,300.00	\$6.16	\$800.80	\$11.00	\$1,430.00
54	6" CONCRETE PEDESTRIAN RAMP	EA	1	\$900.00	\$900.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$840.00	\$840.00	\$840.00	\$840.00
55	TRUNCATED DOME PANELS	SF	12	\$55.00	\$660.00	\$40.00	\$480.00	\$50.00	\$600.00	\$50.40	\$604.80	\$49.00	\$588.00
56	ADJUST MANHOLE CASTING	EA	1	\$500.00	\$500.00	\$505.00	\$505.00	\$500.00	\$500.00	\$400.00	\$400.00	\$530.00	\$530.00
57	ADJUST GATE VALVE BOX	EA	1	\$400.00	\$400.00	\$370.00	\$370.00	\$200.00	\$200.00	\$285.00	\$285.00	\$320.00	\$320.00
58	HYDRANT EXTENSION	LF	1	\$950.00	\$950.00	\$945.00	\$945.00	\$1,500.00	\$1,500.00	\$850.37	\$850.37	\$760.00	\$760.00
59	EXTEND VALVE BOX	EA	1	\$350.00	\$350.00	\$128.00	\$128.00	\$500.00	\$500.00	\$208.91	\$208.91	\$240.00	\$240.00
60	SIGN PANEL, TYPE C	SF	9	\$50.00	\$450.00	\$55.00	\$495.00	\$30.00	\$270.00	\$56.00	\$504.00	\$53.00	\$477.00
61	OFF ROAD STRUCTURE MARKER	EA	6	\$125.00	\$750.00	\$120.00	\$720.00	\$100.00	\$600.00	\$140.00	\$840.00	\$220.00	\$1,320.00
62	4" SOLID LINE WHITE EPOXY	LF	1,000	\$1.00	\$1,000.00	\$1.75	\$1,750.00	\$2.00	\$2,000.00	\$1.29	\$1,290.00	\$0.85	\$850.00
63	PAVEMENT MESSAGE, RIGHT TURN ARROW THERMOPLASTIC (GROUND IN)	EA	2	\$500.00	\$1,000.00	\$775.00	\$1,550.00	\$250.00	\$500.00	\$576.80	\$1,153.60	\$530.00	\$1,060.00
64	STREET SWEEPING	HR	5	\$150.00	\$750.00	\$200.00	\$1,000.00	\$100.00	\$500.00	\$150.00	\$750.00	\$126.00	\$630.00
65	EROSION CONTROL BLANKET	SY	6,600	\$1.50	\$9,900.00	\$1.60	\$10,560.00	\$1.50	\$9,900.00	\$1.68	\$11,088.00	\$1.05	\$6,930.00
66	TEMPORARY HYDROMULCH	SY	100	\$50.00	\$5,000.00	\$2.50	\$250.00	\$5.00	\$500.00	\$2.24	\$224.00	\$3.15	\$315.00
67	SEEDING	AC	1.3	\$4,500.00	\$5,850.00	\$200.00	\$260.00	\$1,500.00	\$1,950.00	\$560.00	\$728.00	\$1,100.00	\$1,430.00
68	INLET PROTECTION	EA	5	\$200.00	\$1,000.00	\$460.00	\$2,300.00	\$150.00	\$750.00	\$235.00	\$1,175.00	\$137.00	\$685.00
69	DITCH CHECK	EA	7	\$50.00	\$350.00	\$49.00	\$343.00	\$100.00	\$700.00	\$275.00	\$1,925.00	\$63.00	\$441.00
70	SILT FENCE	LF	200	\$4.00	\$800.00	\$3.00	\$600.00	\$3.00	\$600.00	\$4.75	\$950.00	\$2.10	\$420.00
TOTAL PART 1 - SANITARY SEWER					\$1,042,181.00		\$1,044,973.30		\$1,047,300.00		\$1,069,645.64		\$1,092,776.70

PROJECT SCHEDULE
CITY OF LAKE ELMO

FOCUS ENGINEERING, inc.

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I-94 LIFT STATION (No. 1) AND SANITARY SEWER IMPROVEMENTS
PROJECT NO. 2016.134

APRIL 2017

OCTOBER 4, 2016	Council orders preparation of Plans and Specifications and Awards Engineering Design and Construction Support Services Task Order.
MARCH 21, 2017	Council approves Plans and Specifications; orders ad for bids.
APRIL 20, 2017	Receive contractor bids.
MAY 2, 2017	Council accepts bids and awards contract.
MAY 15, 2017	Conduct Pre-construction meeting and issue Notice to Proceed.
OCTOBER 6, 2017	Substantial Completion; lift station online and operational.
NOVEMBER 3, 2017	Final Completion; punch list and final paperwork.