



March 17th, 2017

Mr. Chris Leinen
Director of Business Services
Bemidji Area Schools
502 Minnesota Avenue
Bemidji, MN 56601

Re: Division Street Utility Extension Project
Project Award Recommendation

Dear Mr. Leinen:

The Bids for the Division Street Utility Extension Project were received and opened on March 15th, 2017. Four (4) bids were submitted and are summarized below:

Bidders Name/Company	Total Base Bid Amount	Total Alternate #1 Amount	Grand Total Amount
Kuechle Underground, Inc.	\$1,334,124.35	\$96,839.64	\$1,430,963.99
Wagner Construction, Inc.	\$1,220,985.00	\$96,190.40	\$1,317,175.40
Gladden Construction, Inc.	\$1,108,072.07	\$87,465.51	\$1,195,537.58
Reierson Construction, Inc.	\$1,039,796.59	\$76,429.72	\$1,116,226.31
<i>Engineer's Estimate</i>	<i>\$1,045,502.20</i>	<i>\$77,339.20</i>	<i>\$1,122,841.40</i>

The Base Bid includes the proposed construction for work on Division Street, from the Gene Dillon School to the Bemidji High School, along with approximately 300 feet of utility work being completed North on Adams Avenue. The Alternate Bid includes an additional approximately 350 feet of utility work being continued on Adams Avenue. All work is to be completed in a 2017 construction timeframe explained in the Project Manual.

We have reviewed the bids and discussed the project with the low bidder, through which they have stated their confidence in their bid and are looking forward to commencing work on the project. We have also met with the City of Bemidji and they are comfortable with the bid prices received.

It is our recommendation that only the Base Bid be awarded to Reierson Construction for the amount of \$1,039,796.59. Alternate #1 is not recommended due to available funding.

Please contact our office if you have any questions.

Sincerely,
Karvakko, P.A.

Samuel C. Anderson, P.E.
Project Engineer

Attachments:
Bid Abstract
City of Bemidji & Bemidji School District – Cost Breakdown

City of Bemidji & Bemidji School District
Division Street Utility Extension Project - Bid Abstract

BASE BID Item Number	Item Description	Unit	Total Quantity	Engineer's Estimate		Reierson Construction, Inc.		Gladen Construction, Inc.		Wagner Construction, Inc.		Kuechle Underground, Inc.	
				Unit Price	Extended Amount	Unit Price	Extended Amount	Unit Price	Extended Amount	Unit Price	Extended Amount	Unit Price	Extended Amount
	MOBILIZATION	LUMP SUM	1	\$ 65,000.00	\$ 65,000.00	\$ 30,000.00	\$ 30,000.00	\$ 25,000.00	\$ 25,000.00	\$ 50,000.00	\$ 50,000.00	\$ 70,000.00	\$ 70,000.00
	REMOVE CONCRETE CURB AND GUTTER	LIN FT	640	\$ 3.00	\$ 1,920.00	\$ 3.50	\$ 2,240.00	\$ 3.75	\$ 2,400.00	\$ 10.00	\$ 6,400.00	\$ 3.60	\$ 2,304.00
	REMOVE WATER MAIN	LIN FT	24	\$ 10.00	\$ 240.00	\$ 5.00	\$ 120.00	\$ 20.00	\$ 480.00	\$ 5.00	\$ 120.00	\$ 1.00	\$ 24.00
	REMOVE PIPE CULVERTS	LIN FT	185	\$ 5.00	\$ 925.00	\$ 8.00	\$ 1,480.00	\$ 12.00	\$ 2,220.00	\$ 5.00	\$ 925.00	\$ 4.00	\$ 740.00
	REMOVE BITUMINOUS PAVEMENT	SQ YD	7,948	\$ 3.00	\$ 23,844.00	\$ 2.20	\$ 17,485.60	\$ 5.15	\$ 40,932.20	\$ 4.00	\$ 31,792.00	\$ 3.60	\$ 28,612.80
	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	4,334	\$ 3.00	\$ 13,002.00	\$ 1.67	\$ 7,237.78	\$ 1.60	\$ 6,934.40	\$ 3.00	\$ 13,002.00	\$ 1.80	\$ 7,801.20
	SALVAGE SIGN	EACH	10	\$ 100.00	\$ 1,000.00	\$ 25.00	\$ 250.00	\$ 25.00	\$ 250.00	\$ 25.00	\$ 250.00	\$ 25.00	\$ 250.00
	SALVAGE MAIL BOX SUPPORT	EACH	12	\$ 100.00	\$ 1,200.00	\$ 100.00	\$ 1,200.00	\$ 100.00	\$ 1,200.00	\$ 50.00	\$ 600.00	\$ 100.00	\$ 1,200.00
	TOPSOIL BORROW (LV)	CU YD	100	\$ 10.00	\$ 1,000.00	\$ 30.00	\$ 3,000.00	\$ 24.00	\$ 2,400.00	\$ 30.00	\$ 3,000.00	\$ 30.00	\$ 3,000.00
	SALVAGE AGGREGATE BASE	CU YD	732	\$ 5.00	\$ 3,660.00	\$ 8.00	\$ 5,856.00	\$ 10.00	\$ 7,320.00	\$ 6.00	\$ 4,392.00	\$ 15.00	\$ 10,980.00
	DEWATERING	LUMP SUM	1	\$ 50,000.00	\$ 50,000.00	\$ 60,000.00	\$ 60,000.00	\$ 79,200.00	\$ 79,200.00	\$ 25,000.00	\$ 25,000.00	\$ 80,000.00	\$ 80,000.00
	DOZER	HOUR	20	\$ 150.00	\$ 3,000.00	\$ 150.00	\$ 3,000.00	\$ 145.00	\$ 2,900.00	\$ 175.00	\$ 3,500.00	\$ 160.00	\$ 3,200.00
	WATER	M/GAL	100	\$ 30.00	\$ 3,000.00	\$ 50.00	\$ 5,000.00	\$ 24.00	\$ 2,400.00	\$ 30.00	\$ 3,000.00	\$ 55.00	\$ 5,500.00
	AGGREGATE BASE CLASS 5	TON	732	\$ 15.00	\$ 10,980.00	\$ 20.00	\$ 14,640.00	\$ 16.50	\$ 12,078.00	\$ 32.00	\$ 23,424.00	\$ 29.00	\$ 21,228.00
	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	274	\$ 3.00	\$ 822.00	\$ 3.00	\$ 822.00	\$ 3.00	\$ 822.00	\$ 3.00	\$ 822.00	\$ 3.00	\$ 822.00
	TYPE SP 12.5 WEARING COURSE MIX (3,B)	TON	1,250	\$ 80.00	\$ 100,000.00	\$ 58.00	\$ 72,500.00	\$ 58.00	\$ 72,500.00	\$ 58.00	\$ 72,500.00	\$ 70.00	\$ 87,500.00
	ROCK BEDDING (LV)	CU YD	50	\$ 50.00	\$ 2,500.00	\$ 45.00	\$ 2,250.00	\$ 28.00	\$ 1,400.00	\$ 60.00	\$ 3,000.00	\$ 35.00	\$ 1,750.00
	12" CS PIPE CULVERT (16 GAUGE)	LIN FT	23	\$ 30.00	\$ 690.00	\$ 22.00	\$ 506.00	\$ 28.00	\$ 644.00	\$ 75.00	\$ 1,725.00	\$ 40.00	\$ 920.00
	12" RC PIPE CULVERT (CLASS V)	LIN FT	30	\$ 30.00	\$ 900.00	\$ 37.00	\$ 1,110.00	\$ 30.42	\$ 912.60	\$ 75.00	\$ 2,250.00	\$ 52.00	\$ 1,560.00
	18" CS PIPE CULVERT (16 GAUGE)	LIN FT	60	\$ 35.00	\$ 2,100.00	\$ 25.00	\$ 1,500.00	\$ 34.00	\$ 2,040.00	\$ 83.00	\$ 4,980.00	\$ 46.00	\$ 2,760.00
	24" RC PIPE CULVERT (CLASS V)	LIN FT	34	\$ 50.00	\$ 1,700.00	\$ 42.00	\$ 1,428.00	\$ 47.53	\$ 1,616.02	\$ 100.00	\$ 3,400.00	\$ 49.00	\$ 1,666.00
	12" GS PIPE APRON	EACH	2	\$ 300.00	\$ 600.00	\$ 100.00	\$ 200.00	\$ 175.00	\$ 350.00	\$ 250.00	\$ 500.00	\$ 152.00	\$ 304.00
	18" GS PIPE APRON	EACH	4	\$ 350.00	\$ 1,400.00	\$ 120.00	\$ 480.00	\$ 225.00	\$ 900.00	\$ 350.00	\$ 1,400.00	\$ 200.00	\$ 800.00
	24" RC PIPE APRON	EACH	2	\$ 1,000.00	\$ 2,000.00	\$ 783.50	\$ 1,567.00	\$ 651.00	\$ 1,302.00	\$ 750.00	\$ 1,500.00	\$ 740.00	\$ 1,480.00
	4" CLEANOUT ASSEMBLY	EACH	15	\$ 200.00	\$ 3,000.00	\$ 283.00	\$ 4,245.00	\$ 456.00	\$ 6,840.00	\$ 250.00	\$ 3,750.00	\$ 330.00	\$ 4,950.00
	CLEAN AND TELEVISE PIPE SEWER	LIN FT	3,113	\$ 2.00	\$ 6,226.00	\$ 2.00	\$ 6,226.00	\$ 1.30	\$ 4,046.90	\$ 1.00	\$ 3,113.00	\$ 1.25	\$ 3,891.25
	6" HYDRANT ASSEMBLY	EACH	6	\$ 4,500.00	\$ 27,000.00	\$ 4,732.00	\$ 28,392.00	\$ 4,598.00	\$ 27,588.00	\$ 5,500.00	\$ 33,000.00	\$ 4,900.00	\$ 29,400.00
	6" GATE VALVE & BOX	EACH	6	\$ 1,800.00	\$ 10,800.00	\$ 1,241.00	\$ 7,446.00	\$ 1,781.00	\$ 10,686.00	\$ 1,400.00	\$ 8,400.00	\$ 1,220.00	\$ 7,320.00
	8" GATE VALVE & BOX	EACH	1	\$ 2,400.00	\$ 2,400.00	\$ 1,797.00	\$ 1,797.00	\$ 2,408.00	\$ 2,408.00	\$ 2,400.00	\$ 2,400.00	\$ 1,570.00	\$ 1,570.00
	12" GATE VALVE & BOX	EACH	3	\$ 3,500.00	\$ 10,500.00	\$ 3,235.00	\$ 9,705.00	\$ 3,810.00	\$ 11,430.00	\$ 3,500.00	\$ 10,500.00	\$ 2,530.00	\$ 7,590.00
	16" GATE VALVE & BOX	EACH	4	\$ 6,500.00	\$ 26,000.00	\$ 6,660.00	\$ 26,640.00	\$ 7,306.00	\$ 29,224.00	\$ 10,000.00	\$ 40,000.00	\$ 6,500.00	\$ 26,000.00
	1" CORPORATION STOP	EACH	14	\$ 150.00	\$ 2,100.00	\$ 145.00	\$ 2,030.00	\$ 394.00	\$ 5,516.00	\$ 200.00	\$ 2,800.00	\$ 280.00	\$ 3,920.00
	1" CURB STOP AND BOX	EACH	14	\$ 350.00	\$ 4,900.00	\$ 280.00	\$ 3,920.00	\$ 428.00	\$ 5,992.00	\$ 300.00	\$ 4,200.00	\$ 370.00	\$ 5,180.00
	WATERMAIN ADJUSTMENT	EACH	1	\$ 2,000.00	\$ 2,000.00	\$ 7,100.00	\$ 7,100.00	\$ 3,750.00	\$ 3,750.00	\$ 7,500.00	\$ 7,500.00	\$ 3,500.00	\$ 3,500.00
	6" WATERMAIN DUCTILE IRON CL 52	LIN FT	108	\$ 35.00	\$ 3,780.00	\$ 37.62	\$ 4,062.96	\$ 39.50	\$ 4,266.00	\$ 60.00	\$ 6,480.00	\$ 71.00	\$ 7,668.00
	8" WATERMAIN DUCTILE IRON CL 52	LIN FT	99	\$ 40.00	\$ 3,960.00	\$ 45.76	\$ 4,530.24	\$ 47.50	\$ 4,702.50	\$ 60.00	\$ 5,940.00	\$ 72.00	\$ 7,128.00
	10" WATERMAIN DUCTILE IRON CL 52	LIN FT	70	\$ 45.00	\$ 3,150.00	\$ 55.00	\$ 3,850.00	\$ 60.70	\$ 4,249.00	\$ 70.00	\$ 4,900.00	\$ 73.00	\$ 5,110.00
	12" WATERMAIN DUCTILE IRON CL 52	LIN FT	1,750	\$ 50.00	\$ 87,500.00	\$ 67.10	\$ 117,425.00	\$ 62.50	\$ 109,375.00	\$ 68.00	\$ 119,000.00	\$ 75.00	\$ 131,250.00
	16" WATERMAIN DUCTILE IRON CL 52	LIN FT	1,915	\$ 65.00	\$ 124,475.00	\$ 79.03	\$ 151,342.45	\$ 81.75	\$ 156,551.25	\$ 83.00	\$ 158,945.00	\$ 100.00	\$ 191,500.00
	1" TYPE K COPPER PIPE WATER SERVICE	LIN FT	603	\$ 25.00	\$ 15,075.00	\$ 27.35	\$ 16,492.05	\$ 27.60	\$ 16,642.80	\$ 35.00	\$ 21,105.00	\$ 25.00	\$ 15,075.00
	INSPECTION HOLE	LIN FT	20	\$ 100.00	\$ 2,000.00	\$ 40.00	\$ 800.00	\$ 100.00	\$ 2,000.00	\$ 30.00	\$ 600.00	\$ 46.00	\$ 920.00
	4" POLYSTRENE INSULATION	SQ YD	184	\$ 35.00	\$ 6,440.00	\$ 21.40	\$ 3,937.60	\$ 23.85	\$ 4,388.40	\$ 20.00	\$ 3,680.00	\$ 15.00	\$ 2,760.00
	DUCTILE IRON FITTINGS	POUND	5,098	\$ 5.00	\$ 25,490.00	\$ 6.37	\$ 32,474.26	\$ 5.20	\$ 26,509.60	\$ 4.00	\$ 20,392.00	\$ 6.50	\$ 33,137.00
	SPECIAL SANITARY AND WATER SRV INSTALL	LUMP SUM	1	\$ 15,000.00	\$ 15,000.00	\$ 14,000.00	\$ 14,000.00	\$ 13,650.00	\$ 13,650.00	\$ 25,000.00	\$ 25,000.00	\$ 21,000.00	\$ 21,000.00
	CASTING ASSEMBLY (SANITARY)	EACH	12	\$ 600.00	\$ 7,200.00	\$ 523.00	\$ 6,276.00	\$ 620.00	\$ 7,440.00	\$ 450.00	\$ 5,400.00	\$ 290.00	\$ 3,480.00
	MODIFY SANITARY STRUCTURE	EACH	1	\$ 500.00	\$ 500.00	\$ 1,620.00	\$ 1,620.00	\$ 675.00	\$ 675.00	\$ 2,500.00	\$ 2,500.00	\$ 3,400.00	\$ 3,400.00
	CONSTRUCT SANITARY MANHOLE	LIN FT	142.08	\$ 240.00	\$ 34,099.20	\$ 237.00	\$ 33,672.96	\$ 283.80	\$ 40,322.30	\$ 300.00	\$ 42,624.00	\$ 345.00	\$ 49,017.60
	CONCRETE CURB AND GUTTER B624	LIN FT	640	\$ 12.00	\$ 7,680.00	\$ 20.00	\$ 12,800.00	\$ 35.00	\$ 22,400.00	\$ 40.00	\$ 25,600.00	\$ 28.00	\$ 17,920.00
	TRAFFIC CONTROL	LUMP SUM	1	\$ 20,000.00	\$ 20,000.00	\$ 6,000.00	\$ 6,000.00	\$ 9,500.00	\$ 9,500.00	\$ 10,000.00	\$ 10,000.00	\$ 5,900.00	\$ 5,900.00
	INSTALL SIGN	EACH	10	\$ 150.00	\$ 1,500.00	\$ 100.00	\$ 1,000.00	\$ 100.00	\$ 1,000.00	\$ 250.00	\$ 2,500.00	\$ 100.00	\$ 1,000.00
	SILT FENCE, TYPE MACHINE SLICED	LIN FT	2,213	\$ 5.00	\$ 11,065.00	\$ 2.00	\$ 4,426.00	\$ 2.10	\$ 4,647.30	\$ 3.00	\$ 6,639.00	\$ 1.85	\$ 4,094.05
	STORM DRAIN INLET PROTECTION	EACH	2	\$ 150.00	\$ 300.00	\$ 140.00	\$ 280.00	\$ 140.00	\$ 280.00	\$ 150.00	\$ 300.00	\$ 200.00	\$ 400.00
	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LIN FT	200	\$ 5.00	\$ 1,000.00	\$ 2.00	\$ 400.00	\$ 4.00	\$ 800.00	\$ 5.00	\$ 1,000.00	\$ 10.00	\$ 2,000.00
	TURF ESTABLISHMENT	ACRE	2.42	\$ 3,500.00	\$ 8,470.00	\$ 5,000.00	\$ 12,100.00	\$ 6,000.00	\$ 14,520.00	\$ 6,000.00	\$ 14,520.00	\$ 6,000.00	\$ 14,520.00

PAVT MSSG (LT ARROW) LATEX	EACH	10	\$ 150.00	\$ 1,500.00	\$ 75.00	\$ 750.00	\$ 80.00	\$ 800.00	\$ 75.00	\$ 750.00	\$ 75.00	\$ 750.00
PAVT MSSG (RT ARROW) LATEX	EACH	3	\$ 150.00	\$ 450.00	\$ 75.00	\$ 225.00	\$ 80.00	\$ 240.00	\$ 75.00	\$ 225.00	\$ 75.00	\$ 225.00
4" SOLID LINE WHITE - LATEX	LIN FT	4105	\$ 1.00	\$ 4,105.00	\$ 0.17	\$ 697.85	\$ 0.18	\$ 738.90	\$ 0.20	\$ 821.00	\$ 0.17	\$ 697.85
4" SOLID LINE YELLOW - LATEX	LIN FT	3,730	\$ 1.00	\$ 3,730.00	\$ 0.17	\$ 634.10	\$ 0.18	\$ 671.40	\$ 0.20	\$ 746.00	\$ 0.17	\$ 634.10
CROSSWALK MARKING - LATEX	SQ FT	166	\$ 4.00	\$ 664.00	\$ 3.00	\$ 498.00	\$ 3.00	\$ 498.00	\$ 3.00	\$ 498.00	\$ 3.00	\$ 498.00
SLEEVE FOR FORCEMAIN	LIN FT	500	\$ 15.00	\$ 7,500.00	\$ 12.15	\$ 6,075.00	\$ 48.60	\$ 24,300.00	\$ 45.00	\$ 22,500.00	\$ 38.00	\$ 19,000.00
8" X 4" PVC WYE	EACH	14	\$ 250.00	\$ 3,500.00	\$ 148.00	\$ 2,072.00	\$ 362.50	\$ 5,075.00	\$ 500.00	\$ 7,000.00	\$ 285.00	\$ 3,990.00
4" PVC SANITARY SERVICE PIPE (SDR 26)	LIN FT	345	\$ 25.00	\$ 8,625.00	\$ 23.26	\$ 8,024.70	\$ 26.50	\$ 9,142.50	\$ 45.00	\$ 15,525.00	\$ 22.50	\$ 7,762.50
4" PVC SANITARY SERVICE PIPE (SDR 35)	LIN FT	400	\$ 25.00	\$ 10,000.00	\$ 23.26	\$ 9,304.00	\$ 26.10	\$ 10,440.00	\$ 30.00	\$ 12,000.00	\$ 22.00	\$ 8,800.00
6" PVC FORCE MAIN (SDR 26)	LIN FT	1,046	\$ 30.00	\$ 31,380.00	\$ 20.54	\$ 21,484.84	\$ 30.50	\$ 31,903.00	\$ 32.00	\$ 33,472.00	\$ 35.00	\$ 36,610.00
8" PVC SANITARY SEWER MAIN (SDR 26)	LIN FT	365	\$ 35.00	\$ 12,775.00	\$ 46.60	\$ 17,009.00	\$ 46.00	\$ 16,790.00	\$ 50.00	\$ 18,250.00	\$ 50.00	\$ 18,250.00
8" PVC SANITARY SEWER MAIN (SDR 35)	LIN FT	2,748	\$ 35.00	\$ 96,180.00	\$ 32.90	\$ 90,409.20	\$ 32.50	\$ 89,310.00	\$ 36.00	\$ 98,928.00	\$ 48.00	\$ 131,904.00
CONSTRUCT LIFT STATION	LUMP SUM	1	\$ 100,000.00	\$ 100,000.00	\$ 123,750.00	\$ 123,750.00	\$ 98,562.00	\$ 98,562.00	\$ 160,000.00	\$ 160,000.00	\$ 160,000.00	\$ 160,000.00
BASE BID TOTAL:			\$ 1,045,502.20		\$ 1,039,796.59		\$ 1,108,072.07		\$ 1,220,985.00		\$ 1,334,124.35	

ALTERNATE #1				Total Project Amount		Reierson Construction, Inc.		Gladen Construction, Inc.		Wagner Construction, Inc.		Kuechle Underground, Inc.	
Item Number	Item Description	Unit	Total Quantity	Unit Price	Extended Amount	Unit Price	Extended Amount	Unit Price	Extended Amount	Unit Price	Extended Amount	Unit Price	Extended Amount
	REMOVE PIPE CULVERTS	LIN FT	52	\$ 5.00	\$ 260.00	\$ 8.00	\$ 416.00	\$ 14.00	\$ 728.00	\$ 10.00	\$ 520.00	\$ 4.00	\$ 208.00
	REMOVE BITUMINOUS PAVEMENT	SQ YD	535	\$ 3.00	\$ 1,605.00	\$ 2.25	\$ 1,203.75	\$ 5.15	\$ 2,755.25	\$ 6.00	\$ 3,210.00	\$ 3.60	\$ 1,926.00
	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	416	\$ 3.00	\$ 1,248.00	\$ 1.67	\$ 694.72	\$ 1.60	\$ 665.60	\$ 3.00	\$ 1,248.00	\$ 1.80	\$ 748.80
	SALVAGE AGGREGATE BASE	CU YD	55	\$ 5.00	\$ 275.00	\$ 10.00	\$ 550.00	\$ 26.00	\$ 1,430.00	\$ 10.00	\$ 550.00	\$ 15.00	\$ 825.00
	AGGREGATE BASE CLASS 5	TON	55	\$ 15.00	\$ 825.00	\$ 25.00	\$ 1,375.00	\$ 26.00	\$ 1,430.00	\$ 30.00	\$ 1,650.00	\$ 29.00	\$ 1,595.00
	TYPE SP 12.5 WEARING COURSE MIX (3,B)	TON	59	\$ 80.00	\$ 4,720.00	\$ 58.00	\$ 3,422.00	\$ 58.00	\$ 3,422.00	\$ 90.00	\$ 5,310.00	\$ 100.00	\$ 5,900.00
	18" CS PIPE CULVERT (16 GAUGE)	LIN FT	46	\$ 35.00	\$ 1,610.00	\$ 25.00	\$ 1,150.00	\$ 34.00	\$ 1,564.00	\$ 40.00	\$ 1,840.00	\$ 46.00	\$ 2,116.00
	18" GS PIPE APRON	EACH	2	\$ 350.00	\$ 700.00	\$ 100.00	\$ 200.00	\$ 225.00	\$ 450.00	\$ 200.00	\$ 400.00	\$ 200.00	\$ 400.00
	4" CLEANOUT ASSEMBLY	EACH	4	\$ 200.00	\$ 800.00	\$ 283.00	\$ 1,132.00	\$ 456.00	\$ 1,824.00	\$ 250.00	\$ 1,000.00	\$ 330.00	\$ 1,320.00
	CLEAN AND TELEWISE PIPE SEWER	LIN FT	335	\$ 2.00	\$ 670.00	\$ 2.00	\$ 670.00	\$ 1.30	\$ 435.50	\$ 2.00	\$ 670.00	\$ 1.25	\$ 418.75
	6" HYDRANT ASSEMBLY	EACH	1	\$ 4,500.00	\$ 4,500.00	\$ 4,732.00	\$ 4,732.00	\$ 4,598.00	\$ 4,598.00	\$ 5,500.00	\$ 5,500.00	\$ 4,900.00	\$ 4,900.00
	6" GATE VALVE & BOX	EACH	1	\$ 1,800.00	\$ 1,800.00	\$ 1,241.00	\$ 1,241.00	\$ 1,781.00	\$ 1,781.00	\$ 1,400.00	\$ 1,400.00	\$ 1,220.00	\$ 1,220.00
	1" CORPORATION STOP	EACH	4	\$ 150.00	\$ 600.00	\$ 145.00	\$ 580.00	\$ 394.00	\$ 1,576.00	\$ 200.00	\$ 800.00	\$ 280.00	\$ 1,120.00
	1" CURB STOP AND BOX	EACH	4	\$ 350.00	\$ 1,400.00	\$ 280.00	\$ 1,120.00	\$ 428.00	\$ 1,712.00	\$ 300.00	\$ 1,200.00	\$ 370.00	\$ 1,480.00
	6" WATERMAIN DUCTILE IRON CL 52	LIN FT	22	\$ 35.00	\$ 770.00	\$ 38.00	\$ 836.00	\$ 41.50	\$ 913.00	\$ 60.00	\$ 1,320.00	\$ 71.00	\$ 1,562.00
	16" WATERMAIN DUCTILE IRON CL 52	LIN FT	328	\$ 65.00	\$ 21,320.00	\$ 79.03	\$ 25,921.84	\$ 84.75	\$ 27,798.00	\$ 88.00	\$ 28,864.00	\$ 100.00	\$ 32,800.00
	1" TYPE K COPPER PIPE WATER SERVICE	LIN FT	264	\$ 25.00	\$ 6,600.00	\$ 27.35	\$ 7,220.40	\$ 27.60	\$ 7,286.40	\$ 35.00	\$ 9,240.00	\$ 25.00	\$ 6,600.00
	4" POLYSTRENE INSULATION	SQ YD	16	\$ 35.00	\$ 560.00	\$ 21.40	\$ 342.40	\$ 23.85	\$ 381.60	\$ 20.00	\$ 320.00	\$ 15.00	\$ 240.00
	DUCTILE IRON FITTINGS	POUND	229	\$ 5.00	\$ 1,145.00	\$ 8.16	\$ 1,868.64	\$ 4.86	\$ 1,112.94	\$ 6.00	\$ 1,374.00	\$ 6.50	\$ 1,488.50
	CASTING ASSEMBLY (SANITARY)	EACH	1	\$ 600.00	\$ 600.00	\$ 632.00	\$ 632.00	\$ 620.00	\$ 620.00	\$ 500.00	\$ 500.00	\$ 290.00	\$ 290.00
	CONSTRUCT SANITARY MANHOLE	LIN FT	10.83	\$ 240.00	\$ 2,599.20	\$ 229.00	\$ 2,480.07	\$ 258.50	\$ 2,799.56	\$ 300.00	\$ 3,249.00	\$ 345.00	\$ 3,736.35
	SILT FENCE, TYPE MACHINE SLICED	LIN FT	322	\$ 5.00	\$ 1,610.00	\$ 2.00	\$ 644.00	\$ 2.10	\$ 676.20	\$ 3.00	\$ 966.00	\$ 2.00	\$ 644.00
	TURF ESTABLISHMENT	ACRE	0.35	\$ 3,500.00	\$ 1,225.00	\$ 5,000.00	\$ 1,750.00	\$ 6,000.00	\$ 2,100.00	\$ 6,000.00	\$ 2,100.00	\$ 6,000.00	\$ 2,100.00
	4" SOLID LINE WHITE - LATEX	LIN FT	402	\$ 1.00	\$ 402.00	\$ 0.17	\$ 68.34	\$ 0.18	\$ 72.36	\$ 0.20	\$ 80.40	\$ 0.17	\$ 68.34
	4" SOLID LINE YELLOW - LATEX	LIN FT	120	\$ 1.00	\$ 120.00	\$ 0.17	\$ 20.40	\$ 0.18	\$ 21.60	\$ 0.20	\$ 24.00	\$ 0.17	\$ 20.40
	8" X 4" PVC WYE	EACH	4	\$ 250.00	\$ 1,000.00	\$ 148.00	\$ 592.00	\$ 362.50	\$ 1,450.00	\$ 400.00	\$ 1,600.00	\$ 285.00	\$ 1,140.00
	4" PVC SANITARY SERVICE PIPE (SDR 26)	LIN FT	81	\$ 25.00	\$ 2,025.00	\$ 23.26	\$ 1,884.06	\$ 26.50	\$ 2,146.50	\$ 45.00	\$ 3,645.00	\$ 22.50	\$ 1,822.50
	4" PVC SANITARY SERVICE PIPE (SDR 35)	LIN FT	185	\$ 25.00	\$ 4,625.00	\$ 23.26	\$ 4,303.10	\$ 26.10	\$ 4,828.50	\$ 30.00	\$ 5,550.00	\$ 22.00	\$ 4,070.00
	8" PVC SANITARY SEWER MAIN (SDR 35)	LIN FT	335	\$ 35.00	\$ 11,725.00	\$ 28.00	\$ 9,380.00	\$ 32.50	\$ 10,887.50	\$ 36.00	\$ 12,060.00	\$ 48.00	\$ 16,080.00
ALTERNATE #1 BID TOTAL:				\$ 77,339.20		\$ 76,429.72		\$ 87,465.51		\$ 96,190.40		\$ 96,839.64	
PROJECT CONSTRUCTION TOTAL:				\$ 1,122,841.40		\$ 1,116,226.31		\$ 1,195,537.58		\$ 1,317,175.40		\$ 1,430,963.99	

City of Bemidji & Bemidji School District
Division Street Utility Extension Project - Cost Breakdown

BASE BID TOTAL:				Total Project Amount		City of Bemidji		Bemidji School District	
Item Number	Item Description	Unit	Unit Price	Total Quantity	Extended Amount	Quantity	Extended Amount	Quantity	Extended Amount
	MOBILIZATION	LUMP SUM	\$ 30,000.00	1	\$ 30,000.00	0.5	\$ 15,000.00	0.5	\$ 15,000.00
	REMOVE CONCRETE CURB AND GUTTER	LIN FT	\$ 3.50	640	\$ 2,240.00	640	\$ 2,240.00	0	\$ -
	REMOVE WATER MAIN	LIN FT	\$ 5.00	24	\$ 120.00	24	\$ 120.00	0	\$ -
	REMOVE PIPE CULVERTS	LIN FT	\$ 8.00	185	\$ 1,480.00	108	\$ 864.00	77	\$ 616.00
	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$ 2.20	7,948	\$ 17,485.60	2,545	\$ 5,599.00	5,403	\$ 11,886.60
	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$ 1.67	4,334	\$ 7,237.78	2,564	\$ 4,281.88	1,770	\$ 2,955.90
	SALVAGE SIGN	EACH	\$ 25.00	10	\$ 250.00	5	\$ 125.00	5	\$ 125.00
	SALVAGE MAIL BOX SUPPORT	EACH	\$ 100.00	12	\$ 1,200.00	2	\$ 200.00	10	\$ 1,000.00
	TOPSOIL BORROW (LV)	CU YD	\$ 30.00	100	\$ 3,000.00	50	\$ 1,500.00	50	\$ 1,500.00
	SALVAGE AGGREGATE BASE	CU YD	\$ 8.00	732	\$ 5,856.00	481	\$ 3,848.00	251	\$ 2,008.00
	DEWATERING	LUMP SUM	\$ 60,000.00	1	\$ 60,000.00	0	\$ -	1	\$ 60,000.00
	DOZER	HOUR	\$ 150.00	20	\$ 3,000.00	10	\$ 1,500.00	10	\$ 1,500.00
	WATER	M/GAL	\$ 50.00	100	\$ 5,000.00	50	\$ 2,500.00	50	\$ 2,500.00
	AGGREGATE BASE CLASS 5	CU YD	\$ 20.00	732	\$ 14,640.00	481	\$ 9,620.00	251	\$ 5,020.00
	BITUMINOUS MATERIAL FOR TACK COAT	GALLON	\$ 3.00	274	\$ 822.00	74	\$ 222.00	200	\$ 600.00
	TYPE SP 12.5 WEARING COURSE MIX (3,B)	TON	\$ 58.00	1,250	\$ 72,500.00	790	\$ 45,820.00	460	\$ 26,680.00
	ROCK BEDDING (LV)	CU YD	\$ 45.00	50	\$ 2,250.00	25	\$ 1,125.00	25	\$ 1,125.00
	12" CS PIPE CULVERT (16 GAUGE)	LIN FT	\$ 22.00	23	\$ 506.00	0	\$ -	23	\$ 506.00
	12" RC PIPE CULVERT (CLASS V)	LIN FT	\$ 37.00	30	\$ 1,110.00	30	\$ 1,110.00	0	\$ -
	18" CS PIPE CULVERT (16 GAUGE)	LIN FT	\$ 25.00	60	\$ 1,500.00	29	\$ 725.00	31	\$ 775.00
	24" RC PIPE CULVERT (CLASS V)	LIN FT	\$ 42.00	34	\$ 1,428.00	20	\$ 840.00	14	\$ 588.00
	12" GS PIPE APRON	EACH	\$ 100.00	2	\$ 200.00	0	\$ -	2	\$ 200.00
	18" GS PIPE APRON	EACH	\$ 120.00	4	\$ 480.00	2	\$ 240.00	2	\$ 240.00
	24" RC PIPE APRON	EACH	\$ 783.50	2	\$ 1,567.00	1	\$ 783.50	1	\$ 783.50
	4" CLEANOUT ASSEMBLY	EACH	\$ 283.00	15	\$ 4,245.00	15	\$ 4,245.00	0	\$ -
	CLEAN AND TELEWISE PIPE SEWER	LIN FT	\$ 2.00	3,113	\$ 6,226.00	1,494	\$ 2,988.00	1,619	\$ 3,238.00
	6" HYDRANT ASSEMBLY	EACH	\$ 4,732.00	6	\$ 28,392.00	3	\$ 14,196.00	3	\$ 14,196.00
	6" GATE VALVE & BOX	EACH	\$ 1,241.00	6	\$ 7,446.00	4	\$ 4,964.00	2	\$ 2,482.00
	8" GATE VALVE & BOX	EACH	\$ 1,797.00	1	\$ 1,797.00	1	\$ 1,797.00	0	\$ -
	12" GATE VALVE & BOX	EACH	\$ 3,235.00	3	\$ 9,705.00	3	\$ 9,705.00	0	\$ -
	16" GATE VALVE & BOX	EACH	\$ 6,660.00	4	\$ 26,640.00	4	\$ 26,640.00	0	\$ -
	1" CORPORATION STOP	EACH	\$ 145.00	14	\$ 2,030.00	14	\$ 2,030.00	0	\$ -
	1" CURB STOP AND BOX	EACH	\$ 280.00	14	\$ 3,920.00	14	\$ 3,920.00	0	\$ -
	WATERMAIN ADJUSTMENT	EACH	\$ 7,100.00	1	\$ 7,100.00	1	\$ 7,100.00	0	\$ -
	6" WATERMAIN DUCTILE IRON CL 52	LIN FT	\$ 37.62	108	\$ 4,062.96	40	\$ 1,504.80	68	\$ 2,558.16
	8" WATERMAIN DUCTILE IRON CL 52	LIN FT	\$ 45.76	99	\$ 4,530.24	99	\$ 4,530.24	0	\$ -
	10" WATERMAIN DUCTILE IRON CL 52	LIN FT	\$ 55.00	70	\$ 3,850.00	70	\$ 3,850.00	0	\$ -
	12" WATERMAIN DUCTILE IRON CL 52	LIN FT	\$ 67.10	1,750	\$ 117,425.00	0	\$ -	1,750	\$ 117,425.00
	16" WATERMAIN DUCTILE IRON CL 52	LIN FT	\$ 79.03	1,915	\$ 151,342.45	1,715	\$ 135,536.45	200	\$ 15,806.00
	1" TYPE K COPPER PIPE WATER SERVICE	LIN FT	\$ 27.35	603	\$ 16,492.05	603	\$ 16,492.05	0	\$ -
	INSPECTION HOLE	LIN FT	\$ 40.00	20	\$ 800.00	10	\$ 400.00	10	\$ 400.00
	4" POLYSTYRENE INSULATION	SQ YD	\$ 21.40	184	\$ 3,937.60	92	\$ 1,968.80	92	\$ 1,968.80
	DUCTILE IRON FITTINGS	POUND	\$ 6.37	5,098	\$ 32,474.26	1,877	\$ 11,956.49	3,221	\$ 20,517.77
	SPECIAL SANITARY AND WATER SRV INSTALL	LUMP SUM	\$ 14,000.00	1	\$ 14,000.00	1	\$ 14,000.00	0	\$ -
	CASTING ASSEMBLY (SANITARY)	EACH	\$ 523.00	12	\$ 6,276.00	8	\$ 4,184.00	4	\$ 2,092.00
	MODIFY SANITARY STRUCTURE	EACH	\$ 1,620.00	1	\$ 1,620.00	1	\$ 1,620.00	0	\$ -
	CONSTRUCT SANITARY MANHOLE	LIN FT	\$ 237.00	142.08	\$ 33,672.96	93.84	\$ 22,240.08	48.24	\$ 11,432.88
	CONCRETE CURB AND GUTTER B624	LIN FT	\$ 20.00	640	\$ 12,800.00	640	\$ 12,800.00	0	\$ -
	TRAFFIC CONTROL	LUMP SUM	\$ 6,000.00	1	\$ 6,000.00	0.50	\$ 3,000.00	0.50	\$ 3,000.00
	INSTALL SIGN	EACH	\$ 100.00	10	\$ 1,000.00	5	\$ 500.00	5	\$ 500.00
	SILT FENCE, TYPE MACHINE SLICED	LIN FT	\$ 2.00	2,213	\$ 4,426.00	218	\$ 436.00	1,995	\$ 3,990.00
	STORM DRAIN INLET PROTECTION	EACH	\$ 140.00	2	\$ 280.00	2	\$ 280.00	0	\$ -
	SEDIMENT CONTROL LOG TYPE WOOD FIBER	LIN FT	\$ 2.00	200	\$ 400.00	100	\$ 200.00	100	\$ 200.00
	TURF ESTABLISHMENT	ACRE	\$ 5,000.00	2.42	\$ 12,100.00	0.82	\$ 4,100.00	1.60	\$ 8,000.00
	PAVT MSSG (LT ARROW) LATEX	EACH	\$ 75.00	10	\$ 750.00	10	\$ 750.00	0	\$ -
	PAVT MSSG (RT ARROW) LATEX	EACH	\$ 75.00	3	\$ 225.00	3	\$ 225.00	0	\$ -
	4" SOLID LINE WHITE - LATEX	LIN FT	\$ 0.17	4105	\$ 697.85	2409	\$ 409.53	1696	\$ 288.32
	4" SOLID LINE YELLOW - LATEX	LIN FT	\$ 0.17	3,730	\$ 634.10	3,730	\$ 634.10	0	\$ -
	CROSSWALK MARKING - LATEX	SQ FT	\$ 3.00	166	\$ 498.00	166	\$ 498.00	0	\$ -
	SLEEVE FOR FORCEMAIN	LIN FT	\$ 12.15	500	\$ 6,075.00	0	\$ -	500	\$ 6,075.00
	8" X 4" PVC WYE	EACH	\$ 148.00	14	\$ 2,072.00	14	\$ 2,072.00	0	\$ -
	4" PVC SANITARY SERVICE PIPE (SDR 26)	LIN FT	\$ 23.26	345	\$ 8,024.70	345	\$ 8,024.70	0	\$ -
	4" PVC SANITARY SERVICE PIPE (SDR 35)	LIN FT	\$ 23.26	400	\$ 9,304.00	400	\$ 9,304.00	0	\$ -
	6" PVC FORCE MAIN (SDR 26)	LIN FT	\$ 20.54	1,046	\$ 21,484.84	0	\$ -	1,046	\$ 21,484.84
	8" PVC SANITARY SEWER MAIN (SDR 26)	LIN FT	\$ 46.60	365	\$ 17,009.00	98	\$ 4,566.80	267	\$ 12,442.20
	8" PVC SANITARY SEWER MAIN (SDR 35)	LIN FT	\$ 32.90	2,748	\$ 90,409.20	1,396	\$ 45,928.40	1,352	\$ 44,480.80
	CONSTRUCT LIFT STATION	LUMP SUM	\$ 123,750.00	1	\$ 123,750.00	0	\$ -	1	\$ 123,750.00
BASE BID TOTAL:					\$ 1,039,796.59		\$ 487,859.82		\$ 551,936.77

ALTERNATE #1 TOTAL				Total Project Amount		City of Bemidji		Bemidji School District	
Item Number	Item Description	Unit	Unit Price	Total Quantity	Extended Amount	Quantity	Extended Amount	Quantity	Extended Amount
	REMOVE PIPE CULVERTS	LIN FT	\$ 8.00	52	\$ 416.00	52	\$ 416.00	0	\$ -
	REMOVE BITUMINOUS PAVEMENT	SQ YD	\$ 2.25	535	\$ 1,203.75	535	\$ 1,203.75	0	\$ -
	SAWING BITUMINOUS PAVEMENT (FULL DEPTH)	LIN FT	\$ 1.67	416	\$ 694.72	416	\$ 694.72	0	\$ -
	SALVAGE AGGREGATE BASE	CU YD	\$ 10.00	55	\$ 550.00	55	\$ 550.00	0	\$ -

AGGREGATE BASE CLASS 5	TON	\$	25.00	55	\$	1,375.00	55	\$	1,375.00	0	\$	-
TYPE SP 12.5 WEARING COURSE MIX (3,B)	TON	\$	58.00	59	\$	3,422.00	59	\$	3,422.00	0	\$	-
18" CS PIPE CULVERT (16 GAUGE)	LIN FT	\$	25.00	46	\$	1,150.00	46	\$	1,150.00	0	\$	-
18" GS PIPE APRON	EACH	\$	100.00	2	\$	200.00	2	\$	200.00	0	\$	-
4" CLEANOUT ASSEMBLY	EACH	\$	283.00	4	\$	1,132.00	4	\$	1,132.00	0	\$	-
CLEAN AND TELEWISE PIPE SEWER	LIN FT	\$	2.00	335	\$	670.00	335	\$	670.00	0	\$	-
6" HYDRANT ASSEMBLY	EACH	\$	4,732.00	1	\$	4,732.00	1	\$	4,732.00	0	\$	-
6" GATE VALVE & BOX	EACH	\$	1,241.00	1	\$	1,241.00	1	\$	1,241.00	0	\$	-
1" CORPORATION STOP	EACH	\$	145.00	4	\$	580.00	4	\$	580.00	0	\$	-
1" CURB STOP AND BOX	EACH	\$	280.00	4	\$	1,120.00	4	\$	1,120.00	0	\$	-
6" WATERMAIN DUCTILE IRON CL 52	LIN FT	\$	38.00	22	\$	836.00	22	\$	836.00	0	\$	-
16" WATERMAIN DUCTILE IRON CL 52	LIN FT	\$	79.03	328	\$	25,921.84	328	\$	25,921.84	0	\$	-
1" TYPE K COPPER PIPE WATER SERVICE	LIN FT	\$	27.35	264	\$	7,220.40	264	\$	7,220.40	0	\$	-
4" POLYSTRENE INSULATION	SQ YD	\$	21.40	16	\$	342.40	16	\$	342.40	0	\$	-
DUCTILE IRON FITTINGS	POUND	\$	8.16	229	\$	1,868.64	229	\$	1,868.64	0	\$	-
CASTING ASSEMBLY (SANITARY)	EACH	\$	632.00	1	\$	632.00	1	\$	632.00	0	\$	-
CONSTRUCT SANITARY MANHOLE	LIN FT	\$	229.00	10.83	\$	2,480.07	10.83	\$	2,480.07	0.00	\$	-
SILT FENCE, TYPE MACHINE SLICED	LIN FT	\$	2.00	322	\$	644.00	322	\$	644.00	0	\$	-
TURF ESTABLISHMENT	ACRE	\$	5,000.00	0.35	\$	1,750.00	0.35	\$	1,750.00	0.00	\$	-
4" SOLID LINE WHITE - LATEX	LIN FT	\$	0.17	402	\$	68.34	402	\$	68.34	0	\$	-
4" SOLID LINE YELLOW - LATEX	LIN FT	\$	0.17	120	\$	20.40	120	\$	20.40	0	\$	-
8" X 4" PVC WYE	EACH	\$	148.00	4	\$	592.00	4	\$	592.00	0	\$	-
4" PVC SANITARY SERVICE PIPE (SDR 26)	LIN FT	\$	23.26	81	\$	1,884.06	81	\$	1,884.06	0	\$	-
4" PVC SANITARY SERVICE PIPE (SDR 35)	LIN FT	\$	23.26	185	\$	4,303.10	185	\$	4,303.10	0	\$	-
8" PVC SANITARY SEWER MAIN (SDR 35)	LIN FT	\$	28.00	335	\$	9,380.00	335	\$	9,380.00	0	\$	-
ALTERNATE #1 BID TOTAL:				\$ 76,429.72		\$ 76,429.72		\$		-		
						CITY		SCHOOL				
PROJECT CONSTRUCTION TOTAL:				\$ 1,116,226.31		\$ 564,289.54		\$		551,936.77		