

July 12, 2019

Heron Lake Watershed District
1008 3rd Ave
Heron Lake, MN 56137

Re: Bids for County Ditch No. 3 Improvements – Bid Packages #1 through #4

Board of Managers:

ISG has received 12 bids online between the four bid packages for the County Ditch No. 3 Improvements in the Alba, West Heron Lake and Ewington Townships of Jackson County, Minnesota. Bid Package #1 consisted of all open ditch, pond earthwork and two-stage open ditch work. Bid Package #2 consisted of Branch 1 tile and laterals, Branch 2 and laterals as well as Branch 3 and laterals. Bid Package #3 consisted of Branches 5, 6 and laterals, 7 and 8 as well as Branch 9 and laterals. Bid Package #4 consisted of Branches 10, 11, 12 and laterals, 13, 15 and laterals, 16 and 18 and laterals.

Bid Package #1

Bid Package #1 had a total of two bids received online on June 11th, 2019. The low bid was Larson Contracting Inc, from Lake Mills, IA with a base bid of \$1,350,859.64. The final bid was placed by Dirt Merchant Inc. from Mankato, MN with a base bid of \$1,608,210.85. The bid for Bid Package #1 is attached.

ISG has worked with Larson Contracting before in Iowa but has not worked with them on a Minnesota drainage project. Our engineers in Storm Lake have worked with them and told us positive things about their work and performance. Therefore, we recommend awarding Bid Package #1 to Larson Contracting Inc. ISG has spoken to them about starting the project, and they would like to start as soon as possible. The completion date for Bid Package #1 is September 30th, 2020.

Bid Package #2

Bid Package #2 had a total of three bids received online on June 18th, 2019. The low bid was Dirt Merchant Inc. from Mankato, MN with a base bid of \$2,567,672.00. The second lowest bidder was Hjerpe Contracting, Inc from Hutchinson, MN with a base bid of \$2,842,953.71. The final bid was placed by Hodgmen Drainage Company from Dodge Center, MN with a base bid of \$2,998,987.00. The bid tabulation for Bid Package #2 is attached.

ISG has worked with Dirt Merchant Inc. on several projects in the past and has seen satisfactory work and performance. Therefore, we recommend awarding Bid Package #2 to Dirt Merchant Inc. ISG has spoken to them about starting the project, and they would like to Fall of 2019. The completion date for Bid Package #2 is December 31st, 2020. ISG will then perform the televising within 6 months after final completion.

Bid Package #3

Bid Package #3 had a total of four bids received online on June 25th, 2019. The low bid was Loo Con Inc from Wilmont, MN with a base bid of \$1,400,944.18. The second low bidder was Dirt Merchant Inc. from Mankato, MN with a base bid of \$1,608,415.55. The third lowest bidder was Hjerpe Contracting, Inc. from Hutchinson, MN with a base bid of \$1,889,095.61. The final bid was placed by Hodgeman Drainage Company from Dodge Center, MN with a base bid of \$2,174,200.50. The bid for Bid Package #3 is attached.

ISG has not worked with Loo Con Inc. on past projects but they have completed work for many land owners in this area and have a good working reputation. Therefore, we recommend awarding Bid Package #3 to Loo Con Inc. ISG has spoken to them about starting the project and they would like to wait until the open ditch work has been completed in the respective areas before starting. If all work goes well for Bid Package #1, the Loo Con Inc. would like to start spring 2020. The completion date for Bid Package #3 is December 31st, 2020. ISG will then perform the televising within 6 months after final completion.

Bid Package #4

Bid Package #4 had a total of two bids received online on July 2nd, 2019. The low bid was Dirt Merchant Inc, from Mankato, MN with a base bid of \$1,786,044.00. The final bid was placed by Loo Con Inc. from Wilmont, MN with a base bid of \$1,813,700.12. The bid tabulation for Bid Package #4 is attached.

ISG has worked with Dirt Merchant Inc. on several projects in the past and has seen satisfactory work and performance. Therefore, we recommend awarding Bid Package #4 to Dirt Merchant Inc. ISG has spoken to them about starting the project, and they would like to Fall of 2019. The completion date for Bid Package #2 is December 31st, 2020. ISG will then perform the televising within 6 months after final completion.

Bid Analysis

The Final Engineer's estimate, just for construction costs, at the time of final acceptance in February 2018 was approximately \$5,726,710. When combining the four bid packages, the total construction costs of the proposed project is \$7,105,519.82. Therefore, the proposed project has increased by \$1,378,809.82 since the final acceptance in 2018. At the time of final acceptance, ISG's estimate used unit prices from 2016-2017. The engineer's estimate at the time of bidding was \$6,291,702.65, which is 11% below the total bid cost. The current engineer's estimate, before bids were received, used unit prices from 2017-2018 construction bid prices.

Since the preparing the final engineer's report material costs have stayed relatively the same but labor and fuel costs have increased which have a direct correlation to the 20% increase in the construction bids. According to *MN Statue 103E.505 subd. 6* "Bids that in the aggregate exceed the total estimated cost of construction by more than 30 percent may not be accepted." Therefore, the current construction bids can be accepted.

If the board and landowners would want the attempt at decreasing the costs of the project, a rebid of the all or parts of the bid packages would be necessary. ISG has experience lower costs during January and February bidding. If the board of managers and landowners so chose to rebid the project, ISG would recommend rebidding the project in January or February of 2020.

ISG has since reevaluated if the project is costs effective and beneficial for the landowners. Using the average unit prices from all four bid packages, the Separable Maintenance Costs for the proposed improvement is \$7,937,521 including County Administration, Engineer's Fees to date, Estimated Construction Administration & Staking, Permanent & Temporary Construction Damages as well as the additional damages. The grand total landowner costs for the proposed project is \$8,880,756 including County Administration, Engineer's Fees to date, Estimated Construction Administration & Staking, Permanent & Temporary Construction Damages as well as the additional damages. Therefore, a net cost of \$943,234 is accounted for when taking the average unit prices of the four bid packages. With the total benefits of \$1,800,000 per the Viewers Report, there is a net benefit of \$856,766. Table 1 below displays a breakdown of each bid package costs as well as all current and estimated future costs associated to the project.



Table 1: Post Construction Bid Analysis

Post Construction Bid Analysis

Costs	Project Cost	Lowest Bidder
Construction Bid Package #1 Costs (Lowest Bidder Estimate)	\$ 1,350,859.64	Larson Contracting
Construction Bid Package #2 Costs (Lowest Bidder Estimate)	\$ 2,567,672.00	Dirt Merchant Inc
Construction Bid Package #3 Costs (Lowest Bidder Estimate)	\$ 1,400,944.18	Loo Con Inc
Construction Bid Package #4 Costs (Lowest Bidder Estimate)	\$ 1,786,044.00	Dirt Merchant Inc
Total Construction Estimate	\$ 7,105,519.82	
2.5% Contingency	\$ 177,638.00	
Grand Total Construction Costs	\$ 7,283,157.82	

Item	Project Cost
County Administration & Attorney Costs	\$ 245,000
Engineer's Fees (To Date)	\$ 550,000
Construction Administration & Staking	\$ 520,000
Permanent Damages & Temporary Construction Damages	\$ 319,931
Additional Damages	\$ 150,000
Road Authority Costs	\$ (187,334)
Grand Total Landowner Cost for Improvement	\$ 8,880,756
Separable Maintenance Cost	\$ 7,937,521
<i>Net Costs</i>	\$ 943,234
Total Benefits (Per Viewers Report)	\$ 1,800,000
Net Benefit	\$ 856,766

The Engineer has determine that the proposed project is cost effective and that the benefits still out way the costs as described above. The Engineer recommends that the project be awarded to the lowest bidder of each of the respected bid packages.

Please contact us with any questions or comments.

Sincerely,

Chuck J. Brandel, PE

Enclosure



Jackson County Ditch No. 3 - Bid Package #1 (#6345179)
 Owner: Heron Lake Watershed District
 Solicitor: I+S Group (ISG) - Mankato MN
 06/11/2019 02:00 PM CDT



Item Code	Item Description	UofM	Quantity	Engineer Estimate		Larson Contracting		Dirt Merchant Inc.	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
2021.501	MOBILIZATION	LS	1	\$60,870.00	\$60,870.00	\$100,000.00	\$100,000.00	\$84,245.00	\$84,245.00
2104.501	REMOVE WOOD BRIDGE DECK	EA	1	\$1,500.00	\$1,500.00	\$7,225.00	\$7,225.00	\$4,500.00	\$4,500.00
2105.602	CONSTRUCT FIELD CROSSING	EA	1	\$2,500.00	\$2,500.00	\$6,858.00	\$6,858.00	\$2,670.00	\$2,670.00
2105.602	AGGREGATE BASE (CV) (P), CLASS V (ACCESS ROAD)	CY	27.8	\$21.90	\$608.82	\$57.00	\$1,584.60	\$58.00	\$1,612.40
2105.603	DITCH CLEANING (8' WIDE DITCH BOTTOM)	LF	40425	\$2.80	\$113,190.00	\$2.32	\$93,786.00	\$3.15	\$127,338.75
2105.603	SLOUGH REPAIR	LF	8030	\$7.50	\$60,225.00	\$4.13	\$33,163.90	\$5.00	\$40,150.00
2106.501	COMMON EXCAVATION (P) (EV)	CY	93307	\$2.30	\$214,606.10	\$3.37	\$314,444.59	\$2.80	\$261,259.60
2106.501	CONSTRUCT TWO-STAGE DITCH (P) (EV)	CY	36065	\$2.40	\$86,556.00	\$3.48	\$125,506.20	\$7.30	\$263,274.50
2106.501	TOP SOIL STRIP & PLACE SPOILS	AC	52.8	\$4,010.00	\$211,728.00	\$1,330.38	\$70,244.06	\$3,290.00	\$173,712.00
2412.511	122" x 78" RC ARCH CULVERT	LF	20	\$720.00	\$14,400.00	\$1,107.10	\$22,142.00	\$1,185.00	\$23,700.00
2412.511	122" x 78" RC ARCH CULVERT APRON	EA	2	\$4,250.00	\$8,500.00	\$10,031.00	\$20,062.00	\$8,970.00	\$17,940.00
2501.511	84-INCH CLASS III RCP PIPE	LF	42	\$406.60	\$17,077.20	\$836.77	\$35,144.34	\$786.60	\$33,037.20
2501.511	42-INCH CLASS III RCP PIPE	LF	30	\$195.60	\$5,868.00	\$282.57	\$8,477.10	\$311.80	\$9,354.00
2501.515	84-INCH RCP APRON	EA	1	\$4,250.00	\$4,250.00	\$6,286.00	\$6,286.00	\$5,265.00	\$5,265.00
2501.515	42-INCH RCP APRON	EA	1	\$1,841.30	\$1,841.30	\$3,100.00	\$3,100.00	\$2,345.00	\$2,345.00
2503.603	6" PERFORATED SINGLE WALL TILE	LF	19835	\$6.50	\$128,927.50	\$2.50	\$49,587.50	\$3.75	\$74,381.25
2506.502	INSTALL DROP INTAKE (6-INCH)	EA	2	\$500.00	\$1,000.00	\$464.00	\$928.00	\$774.00	\$1,548.00
2506.502	INSTALL POND INTAKE W/OUTLET PIPE (6-INCH)	EA	3	\$600.00	\$1,800.00	\$395.00	\$1,185.00	\$628.00	\$1,884.00
2506.502	INSTALL 24-INCH ASI RISER ASSEMBLY W/TRASH GRATE	EA	2	\$1,529.70	\$3,059.40	\$983.50	\$1,967.00	\$1,707.00	\$3,414.00
2506.502	INSTALL 18-INCH ASI RISER ASSEMBLY W/TRASH GRATE	EA	2	\$1,521.10	\$3,042.20	\$688.50	\$1,377.00	\$1,414.00	\$2,828.00
2506.502	INSTALL 15-INCH ASI RISER ASSEMBLY W/TRASH GRATE	EA	3	\$1,276.40	\$3,829.20	\$598.67	\$1,796.01	\$1,308.00	\$3,924.00
2506.502	INSTALL 12-INCH ASI RISER ASSEMBLY W/TRASH GRATE	EA	6	\$1,165.70	\$6,994.20	\$451.33	\$2,707.98	\$1,164.00	\$6,984.00
2506.502	INSTALL 10-INCH ASI RISER ASSEMBLY W/TRASH GRATE	EA	1	\$715.50	\$715.50	\$387.00	\$387.00	\$1,088.00	\$1,088.00
2506.502	INSTALL 8-INCH ASI RISER ASSEMBLY W/TRASH GRATE	EA	2	\$668.50	\$1,337.00	\$316.50	\$633.00	\$984.00	\$1,968.00
2506.502	INSTALL 24-INCH ASI OUTLET ASSEMBLY	EA	2	\$1,362.10	\$2,724.20	\$1,045.00	\$2,090.00	\$1,631.00	\$3,262.00
2506.502	INSTALL 18-INCH ASI OUTLET ASSEMBLY	EA	2	\$1,117.30	\$2,234.60	\$773.50	\$1,547.00	\$1,069.00	\$2,138.00
2506.502	INSTALL 15-INCH ASI OUTLET ASSEMBLY	EA	3	\$1,050.90	\$3,152.70	\$537.33	\$1,611.99	\$848.00	\$2,544.00
2506.502	INSTALL 12-INCH ASI OUTLET ASSEMBLY	EA	6	\$2,146.60	\$12,879.60	\$478.33	\$2,869.98	\$795.00	\$4,770.00
2506.502	INSTALL 10-INCH ASI OUTLET ASSEMBLY	CY	1	\$561.80	\$561.80	\$455.00	\$455.00	\$787.00	\$787.00
2506.502	INSTALL 8-INCH ASI OUTLET ASSEMBLY	EA	2	\$418.40	\$836.80	\$431.00	\$862.00	\$768.00	\$1,536.00
2506.502	CLASS III RIPRAP WITH GEOTEXTILE FABRIC (FOR ASIRO)	CY	80	\$78.40	\$6,272.00	\$68.86	\$5,508.80	\$100.00	\$8,000.00
2506.516	INSTALL STRUCTURE S-1 WITH GALVINIZED GRATE	LS	1	\$14,462.30	\$14,462.30	\$41,419.00	\$41,419.00	\$37,485.00	\$37,485.00
2506.603	36-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	1	\$2,339.20	\$2,339.20	\$1,964.00	\$1,964.00	\$1,819.00	\$1,819.00
2506.603	30-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	3	\$2,050.90	\$6,152.70	\$1,729.33	\$5,187.99	\$1,509.00	\$4,527.00
2506.603	24-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	11	\$1,658.60	\$18,244.60	\$1,273.82	\$14,012.02	\$1,570.00	\$17,270.00

Jackson County Ditch No. 3 - Bid Package #1 (#6345179)
 Owner: Heron Lake Watershed District
 Solicitor: I+S Group (ISG) - Mankato MN
 06/11/2019 02:00 PM CDT



Item Code	Item Description	UofM	Quantity	Engineer Estimate		Larson Contracting		Dirt Merchant Inc.	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
2506.603	18-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	28	\$1,427.20	\$39,961.60	\$822.04	\$23,017.12	\$1,097.00	\$30,716.00
2506.603	15-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	24	\$1,170.70	\$28,096.80	\$807.96	\$19,391.04	\$1,033.00	\$24,792.00
2506.603	12-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	16	\$1,094.00	\$17,504.00	\$780.94	\$12,495.04	\$933.00	\$14,928.00
2506.603	10-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	14	\$1,041.10	\$14,575.40	\$754.57	\$10,563.98	\$859.00	\$12,026.00
2506.603	8-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	6	\$970.20	\$5,821.20	\$704.17	\$4,225.02	\$798.00	\$4,788.00
2506.603	6-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	8	\$782.10	\$6,256.80	\$653.00	\$5,224.00	\$716.00	\$5,728.00
2506.603	4-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	6	\$606.20	\$3,637.20	\$635.33	\$3,811.98	\$644.00	\$3,864.00
2506.603	ARMOR TILE OUTLET (RIPRAP & GEOTEXTILE FABRIC)	EA	10	\$560.40	\$5,604.00	\$730.90	\$7,309.00	\$540.00	\$5,400.00
2511.501	CLASS III RIPRAP WITH GEOTEXTILE FABRIC	CY	1095	\$75.90	\$83,110.50	\$68.14	\$74,613.30	\$80.00	\$87,600.00
2573.502	INSTALL SILT FENCE	LF	300	\$4.00	\$1,200.00	\$3.38	\$1,014.00	\$4.00	\$1,200.00
2573.53	INSTALL INLET PROTECTION	EA	1	\$130.30	\$130.30	\$296.00	\$296.00	\$500.00	\$500.00
2575.501	16.5' BUFFER STRIP SEEDING (SEED MIX: BUFFER BLEND WITH TYPE 3 MULCH)	AC	35.5	\$1,368.20	\$48,571.10	\$1,398.76	\$49,655.98	\$1,270.00	\$45,085.00
2575.501	STANDARD SIDESLOPE SEEDING (SEED MIX: BUFFER BLEND WITH TYPE 8 MULCH)	AC	18.6	\$2,958.50	\$55,028.10	\$4,708.39	\$87,576.05	\$4,275.00	\$79,515.00
2575.501	TWO-STAGE DITCH SIDESLOPE SEEDING (SEED MIX: BUFFER BLEND WITH TYPE 8 MULCH)	AC	7.4	\$3,450.40	\$25,532.96	\$4,708.39	\$34,842.09	\$4,275.00	\$31,635.00
2575.501	TWO-STAGE DITCH BENCH SEEDING (SEED MIX: BUFFER BLEND WITH TYPE 8 MULCH)	AC	0.9	\$3,450.40	\$3,105.36	\$4,708.39	\$4,237.55	\$4,275.00	\$3,847.50
2575.523	SEED MIX 25-142 W/MNDOT EROSION CONTROL BLANKET CATEGORY 3	SY	1811	\$2.60	\$4,708.60	\$1.82	\$3,296.02	\$1.65	\$2,988.15
2575.541	BUFFER STRIP MOWING	AC	71	\$195.50	\$13,880.50	\$60.58	\$4,301.18	\$55.00	\$3,905.00
2575.545	WEED SPRAYING	AC	97.9	\$331.30	\$32,434.27	\$192.75	\$18,870.23	\$175.00	\$17,132.50
Base Bid Total:					\$1,413,444.61		\$1,350,859.64		\$1,608,210.85

Jackson County Ditch No. 3 - Bid Package #2 (#6345200)

Owner: Heron Lake Watershed District

Solicitor: I+S Group (ISG) - Mankato MN

06/18/2019 02:00 PM CDT



Item Code	Item Description	UofM	Quantity	Engineer Estimate		Dirt Merchant Inc.		Hjerpe Contracting, Inc.		Hodgman Drainage Company, Inc.	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
2021.501	MOBILIZATION	LS	1	\$91,120.00	\$91,120.00	\$74,786.50	\$74,786.50	\$95,000.00	\$95,000.00	\$125,000.00	\$125,000.00
2021.601	TILE INVESTIGATION	HR	118	\$130.60	\$15,410.80	\$175.00	\$20,650.00	\$100.00	\$11,800.00	\$150.00	\$17,700.00
2105.602	OPEN CUT & RESTORE GRAVEL ROAD OR DRIVEWAY	EA	17	\$1,710.30	\$29,075.10	\$1,500.00	\$25,500.00	\$1,800.00	\$30,600.00	\$2,500.00	\$42,500.00
2451.509	GRANULAR PIPE FOUNDATION	CY	4191	\$24.30	\$101,841.30	\$44.55	\$186,709.05	\$0.01	\$41.91	\$1.00	\$4,191.00
2502.541	INSTALL 12-INCH PERFORATED TILE (WATER QUALITY INLET)	LF	1098	\$13.00	\$14,274.00	\$22.10	\$24,265.80	\$25.00	\$27,450.00	\$33.00	\$36,234.00
2503.603	42-INCH AGRICULTURAL TILE	LF	3255	\$63.50	\$206,692.50	\$61.15	\$199,043.25	\$85.00	\$276,675.00	\$68.00	\$221,340.00
2503.603	36-INCH AGRICULTURAL TILE	LF	2555	\$45.40	\$115,997.00	\$51.90	\$132,604.50	\$60.00	\$153,300.00	\$60.00	\$153,300.00
2503.603	30-INCH AGRICULTURAL TILE	LF	10080	\$36.80	\$370,944.00	\$44.50	\$448,560.00	\$54.00	\$544,320.00	\$52.00	\$524,160.00
2503.603	24-INCH AGRICULTURAL TILE	LF	8525	\$32.70	\$278,767.50	\$34.35	\$292,833.75	\$45.00	\$383,625.00	\$44.50	\$379,362.50
2503.603	18-INCH AGRICULTURAL TILE	LF	11000	\$22.50	\$247,500.00	\$27.00	\$297,000.00	\$36.00	\$396,000.00	\$37.00	\$407,000.00
2503.603	15-INCH AGRICULTURAL TILE	LF	5906	\$19.50	\$115,167.00	\$22.05	\$130,227.30	\$32.00	\$188,992.00	\$34.00	\$200,804.00
2503.603	12-INCH AGRICULTURAL TILE	LF	6602	\$17.30	\$114,214.60	\$19.15	\$126,428.30	\$28.00	\$184,856.00	\$31.00	\$204,662.00
2503.603	10-INCH AGRICULTURAL TILE	LF	3970	\$16.70	\$66,299.00	\$18.20	\$72,254.00	\$25.00	\$99,250.00	\$39.50	\$156,815.00
2503.603	8-INCH AGRICULTURAL TILE	LF	2945	\$14.60	\$42,997.00	\$16.15	\$47,561.75	\$25.00	\$73,625.00	\$28.00	\$82,460.00
2503.603	6-INCH AGRICULTURAL TILE	LF	596	\$9.90	\$5,900.40	\$14.55	\$8,671.80	\$23.00	\$13,708.00	\$25.00	\$14,900.00
2503.611	PUMPING (DUE TO RESTRICTION OF OUTLET)	HR	168	\$15.00	\$2,520.00	\$75.00	\$12,600.00	\$30.00	\$5,040.00	\$22.00	\$3,696.00
2506.502	FURNISH & INSTALL WATER QUALITY INLET	EA	28	\$1,152.60	\$32,272.80	\$1,285.00	\$35,980.00	\$1,650.00	\$46,200.00	\$1,800.00	\$50,400.00
2506.502	INSTALL DROP INTAKE (18-INCH)	EA	79	\$988.50	\$78,091.50	\$1,237.00	\$97,723.00	\$1,300.00	\$102,700.00	\$1,450.00	\$114,550.00
2506.502	CAP DROP INTAKE (18-INCH)	EA	20	\$224.70	\$4,494.00	\$350.00	\$7,000.00	\$250.00	\$5,000.00	\$425.00	\$8,500.00
2506.516	INSTALL STRUCTURE S-2 WITH GALVINIZED GRATE	LS	1	\$14,462.30	\$14,462.30	\$17,470.00	\$17,470.00	\$21,000.00	\$21,000.00	\$27,000.00	\$27,000.00
2506.602	CONNECT EXISTING 24-INCH TILE	EA	2	\$1,051.70	\$2,103.40	\$2,635.00	\$5,270.00	\$1,800.00	\$3,600.00	\$1,700.00	\$3,400.00
2506.602	CONNECT EXISTING 18-INCH TILE	EA	2	\$876.80	\$1,753.60	\$2,385.00	\$4,770.00	\$1,750.00	\$3,500.00	\$1,200.00	\$2,400.00
2506.602	CONNECT EXISTING 15-INCH TILE	EA	5	\$697.40	\$3,487.00	\$1,842.00	\$9,210.00	\$1,000.00	\$5,000.00	\$925.00	\$4,625.00
2506.602	CONNECT EXISTING 12-INCH TILE	EA	9	\$602.40	\$5,421.60	\$1,557.00	\$14,013.00	\$850.00	\$7,650.00	\$775.00	\$6,975.00
2506.602	CONNECT EXISTING 10-INCH TILE	EA	13	\$580.20	\$7,542.60	\$1,143.00	\$14,859.00	\$650.00	\$8,450.00	\$650.00	\$8,450.00
2506.602	CONNECT EXISTING 8-INCH TILE	EA	50	\$465.70	\$23,285.00	\$580.00	\$29,000.00	\$500.00	\$25,000.00	\$500.00	\$25,000.00
2506.602	CONNECT EXISTING 6-INCH TILE	EA	80	\$377.90	\$30,232.00	\$542.00	\$43,360.00	\$300.00	\$24,000.00	\$450.00	\$36,000.00
2506.602	CONNECT EXISTING 4-INCH TILE	EA	80	\$249.10	\$19,928.00	\$664.00	\$53,120.00	\$250.00	\$20,000.00	\$450.00	\$36,000.00
2506.602	12-INCH CROSS-CONNECT W/30 LF OF SPECIFIED PIPE	EA	14	\$1,049.00	\$14,686.00	\$2,013.00	\$28,182.00	\$1,500.00	\$21,000.00	\$1,600.00	\$22,400.00
2506.602	10-INCH CROSS-CONNECT W/30 LF OF SPECIFIED PIPE	EA	3	\$1,072.30	\$3,216.90	\$1,283.00	\$3,849.00	\$1,400.00	\$4,200.00	\$1,400.00	\$4,200.00
2506.602	8-INCH CROSS-CONNECT W/30 LF OF SPECIFIED PIPE	EA	7	\$775.40	\$5,427.80	\$1,085.00	\$7,595.00	\$1,000.00	\$7,000.00	\$1,200.00	\$8,400.00
2506.602	6-INCH CROSS-CONNECT W/30 LF OF SPECIFIED PIPE	EA	10	\$722.40	\$7,224.00	\$1,037.00	\$10,370.00	\$900.00	\$9,000.00	\$1,000.00	\$10,000.00
2506.603	54-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	1	\$2,575.00	\$2,575.00	\$7,650.00	\$7,650.00	\$9,950.00	\$9,950.00	\$8,400.00	\$8,400.00
2506.603	30-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	1	\$2,050.90	\$2,050.90	\$1,903.00	\$1,903.00	\$8,000.00	\$8,000.00	\$2,800.00	\$2,800.00
2511.501	CLASS III RIPRAP WITH GEOTEXTILE FABRIC	CY	80	\$75.90	\$6,072.00	\$95.00	\$7,600.00	\$75.00	\$6,000.00	\$76.00	\$6,080.00
2573.53	INSTALL INLET PROTECTION	EA	62	\$130.30	\$8,078.60	\$500.00	\$31,000.00	\$100.00	\$6,200.00	\$250.00	\$15,500.00
2575.523	SEED MIX 25-142 W/MNDOT EROSION CONTROL BLANKET CATEGORY 3	SY	9513	\$2.60	\$24,733.80	\$4.00	\$38,052.00	\$1.60	\$15,220.80	\$2.50	\$23,782.50
Base Bid Total					\$2,115,859.00		\$2,567,672.00		\$2,842,953.71		\$2,998,987.00

Jackson County Ditch No. 3 - Bid Package #3 (#6345218)
 Owner: Heron Lake Watershed District
 Solicitor: I+S Group (ISG) - Mankato MN
 06/25/2019 02:00 PM CDT



Item Code	Item Description	UoF	Quantity	Engineer Estimate		Loo Con, Inc.		Dirt Merchant Inc.		Hjerpe Contracting, Inc.		Hodgman Drainage Company, Inc.	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
2021.501	MOBILIZATION	LS	1	\$58,990.00	\$58,990.00	\$37,000.00	\$37,000.00	\$6,730.75	\$6,730.75	\$80,000.00	\$80,000.00	\$108,000.00	\$108,000.00
2021.601	TILE INVESTIGATION	HR	89	\$130.60	\$11,623.40	\$190.00	\$16,910.00	\$175.00	\$15,575.00	\$100.00	\$8,900.00	\$100.00	\$8,900.00
2105.602	OPEN CUT & RESTORE GRAVEL ROAD OR DRIVEWAY	EA	13	\$1,710.30	\$22,233.90	\$1,500.00	\$19,500.00	\$2,500.00	\$32,500.00	\$1,800.00	\$23,400.00	\$1,800.00	\$23,400.00
2451.509	GRANULAR PIPE FOUNDATION	CY	1901	\$24.30	\$46,194.30	\$56.11	\$106,665.11	\$44.55	\$84,689.55	\$0.01	\$19.01	\$20.00	\$38,020.00
2502.541	INSTALL 12-INCH PERFORATED TILE (WATER QUALITY INLET)	LF	953	\$13.00	\$12,389.00	\$19.35	\$18,440.55	\$22.85	\$21,776.05	\$25.00	\$23,825.00	\$33.00	\$31,449.00
2503.603	36-INCH AGRICULTURAL TILE	LF	2290	\$45.40	\$103,966.00	\$46.12	\$105,614.80	\$50.55	\$115,759.50	\$64.00	\$146,560.00	\$61.00	\$139,690.00
2503.603	30-INCH AGRICULTURAL TILE	LF	5300	\$36.80	\$195,040.00	\$38.99	\$206,647.00	\$45.50	\$241,150.00	\$53.00	\$280,900.00	\$55.00	\$291,500.00
2503.603	24-INCH AGRICULTURAL TILE	LF	7882	\$32.70	\$257,741.40	\$29.52	\$232,676.64	\$32.80	\$258,529.60	\$40.00	\$315,280.00	\$46.00	\$362,572.00
2503.603	18-INCH AGRICULTURAL TILE	LF	2722	\$22.50	\$61,245.00	\$22.23	\$60,510.06	\$27.20	\$74,038.40	\$33.00	\$89,826.00	\$39.00	\$106,158.00
2503.603	15-INCH AGRICULTURAL TILE	LF	6699	\$19.50	\$130,630.50	\$19.56	\$131,032.44	\$22.20	\$148,717.80	\$29.50	\$197,620.50	\$36.00	\$241,164.00
2503.603	12-INCH AGRICULTURAL TILE	LF	10804	\$17.30	\$186,909.20	\$14.73	\$159,142.92	\$20.00	\$216,080.00	\$31.00	\$334,924.00	\$32.00	\$345,728.00
2503.603	10-INCH AGRICULTURAL TILE	LF	4445	\$16.70	\$74,231.50	\$13.92	\$61,874.40	\$17.85	\$79,343.25	\$30.00	\$133,350.00	\$29.50	\$131,127.50
2503.603	8-INCH AGRICULTURAL TILE	LF	283	\$14.60	\$4,131.80	\$13.57	\$3,840.31	\$15.95	\$4,513.85	\$30.00	\$8,490.00	\$29.00	\$8,207.00
2503.603	6-INCH AGRICULTURAL TILE	LF	28	\$9.90	\$277.20	\$11.66	\$326.48	\$14.10	\$394.80	\$27.00	\$756.00	\$28.00	\$784.00
2506.502	FURNISH & INSTALL WATER QUALITY INLET	EA	23	\$1,152.60	\$26,509.80	\$1,783.85	\$41,028.55	\$1,395.00	\$32,085.00	\$1,700.00	\$39,100.00	\$2,500.00	\$57,500.00
2506.502	INSTALL DROP INTAKE (18-INCH)	EA	61	\$988.50	\$60,298.50	\$1,357.66	\$82,817.26	\$1,246.00	\$76,006.00	\$1,300.00	\$79,300.00	\$1,800.00	\$109,800.00
2506.502	CAP DROP INTAKE (18-INCH)	EA	18	\$224.70	\$4,044.60	\$30.69	\$552.42	\$326.00	\$5,868.00	\$200.00	\$3,600.00	\$425.00	\$7,650.00
2506.602	CONNECT EXISTING 30-INCH TILE	EA	1	\$1,716.70	\$1,716.70	\$2,425.22	\$2,425.22	\$2,364.00	\$2,364.00	\$1,900.00	\$1,900.00	\$2,000.00	\$2,000.00
2506.602	CONNECT EXISTING 24-INCH TILE	EA	2	\$1,051.70	\$2,103.40	\$1,680.56	\$3,361.12	\$1,924.00	\$3,848.00	\$1,800.00	\$3,600.00	\$1,700.00	\$3,400.00
2506.602	CONNECT EXISTING 18-INCH TILE	EA	3	\$876.80	\$2,630.40	\$1,015.01	\$3,045.03	\$1,412.00	\$4,236.00	\$1,000.00	\$3,000.00	\$1,500.00	\$4,500.00
2506.602	CONNECT EXISTING 15-INCH TILE	EA	5	\$697.40	\$3,487.00	\$811.21	\$4,056.05	\$908.00	\$4,540.00	\$1,000.00	\$5,000.00	\$1,200.00	\$6,000.00
2506.602	CONNECT EXISTING 12-INCH TILE	EA	7	\$602.40	\$4,216.80	\$890.21	\$6,231.47	\$839.00	\$5,873.00	\$850.00	\$5,950.00	\$925.00	\$6,475.00
2506.602	CONNECT EXISTING 10-INCH TILE	EA	12	\$580.20	\$6,962.40	\$483.01	\$5,796.12	\$780.00	\$9,360.00	\$650.00	\$7,800.00	\$775.00	\$9,300.00
2506.602	CONNECT EXISTING 8-INCH TILE	EA	15	\$465.70	\$6,985.50	\$469.35	\$7,040.25	\$554.00	\$8,310.00	\$500.00	\$7,500.00	\$650.00	\$9,750.00
2506.602	CONNECT EXISTING 6-INCH TILE	EA	27	\$377.90	\$10,203.30	\$368.91	\$9,960.57	\$542.00	\$14,634.00	\$300.00	\$8,100.00	\$500.00	\$13,500.00
2506.602	CONNECT EXISTING 4-INCH TILE	EA	22	\$249.10	\$5,480.20	\$345.09	\$7,591.98	\$514.00	\$11,308.00	\$250.00	\$5,500.00	\$450.00	\$9,900.00
2506.602	24-INCH CROSS-CONNECT W/30 LF OF SPECIFIED PIPE	EA	1	\$2,334.20	\$2,334.20	\$3,805.42	\$3,805.42	\$4,149.00	\$4,149.00	\$2,500.00	\$2,500.00	\$2,200.00	\$2,200.00
2506.602	18-INCH CROSS-CONNECT W/30 LF OF SPECIFIED PIPE	EA	1	\$1,605.60	\$1,605.60	\$1,999.30	\$1,999.30	\$2,543.00	\$2,543.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
2506.602	15-INCH CROSS-CONNECT W/30 LF OF SPECIFIED PIPE	EA	4	\$1,073.80	\$4,295.20	\$1,460.72	\$5,842.88	\$2,159.00	\$8,636.00	\$1,500.00	\$6,000.00	\$1,800.00	\$7,200.00
2506.602	12-INCH CROSS-CONNECT W/30 LF OF SPECIFIED PIPE	EA	11	\$1,049.00	\$11,539.00	\$1,070.42	\$11,774.62	\$1,921.00	\$21,131.00	\$1,250.00	\$13,750.00	\$1,600.00	\$17,600.00
2506.602	10-INCH CROSS-CONNECT W/30 LF OF SPECIFIED PIPE	EA	6	\$1,072.30	\$6,433.80	\$893.45	\$5,360.70	\$1,367.00	\$8,202.00	\$1,250.00	\$7,500.00	\$1,400.00	\$8,400.00
2506.602	8-INCH CROSS-CONNECT W/30 LF OF SPECIFIED PIPE	EA	5	\$775.40	\$3,877.00	\$790.11	\$3,950.55	\$1,114.00	\$5,570.00	\$1,000.00	\$5,000.00	\$1,200.00	\$6,000.00
2506.602	6-INCH CROSS-CONNECT W/30 LF OF SPECIFIED PIPE	EA	6	\$722.40	\$4,334.40	\$483.29	\$2,899.74	\$1,007.00	\$6,042.00	\$900.00	\$5,400.00	\$1,000.00	\$6,000.00
2506.603	36-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	1	\$2,339.20	\$2,339.20	\$1,773.10	\$1,773.10	\$2,895.00	\$2,895.00	\$3,000.00	\$3,000.00	\$2,000.00	\$2,000.00
2506.603	24-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	2	\$1,658.60	\$3,317.20	\$1,526.43	\$3,052.86	\$1,740.00	\$3,480.00	\$2,500.00	\$5,000.00	\$1,750.00	\$3,500.00
2506.603	18-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	1	\$1,427.20	\$1,427.20	\$1,423.83	\$1,423.83	\$1,401.00	\$1,401.00	\$1,800.00	\$1,800.00	\$1,500.00	\$1,500.00
2506.603	15-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	1	\$1,170.70	\$1,170.70	\$1,410.28	\$1,410.28	\$1,238.00	\$1,238.00	\$1,700.00	\$1,700.00	\$1,250.00	\$1,250.00
2506.603	12-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	2	\$1,094.00	\$2,188.00	\$1,359.76	\$2,719.52	\$937.00	\$1,874.00	\$1,600.00	\$3,200.00	\$1,000.00	\$2,000.00
2506.603	10-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	1	\$1,041.10	\$1,041.10	\$1,336.95	\$1,336.95	\$814.00	\$814.00	\$1,400.00	\$1,400.00	\$750.00	\$750.00
2573.53	INSTALL INLET PROTECTION	EA	48	\$130.30	\$6,254.40	\$138.94	\$6,669.12	\$500.00	\$24,000.00	\$100.00	\$4,800.00	\$300.00	\$14,400.00
2575.523	SEED MIX 25-142 W/MNDOT EROSION CONTROL BLANKET CATEGORY 3	SY	7642	\$2.60	\$19,869.20	\$1.68	\$12,838.56	\$5.00	\$38,210.00	\$1.55	\$11,845.10	\$3.00	\$22,926.00
Base Bid Total					\$1,372,268.00		\$1,400,944.18		\$1,608,415.55		\$1,889,095.61		\$2,174,200.50

Jackson County Ditch No. 3 - Bid Package #4 (#6345227)
 Owner: Heron Lake Watershed District
 Solicitor: I+S Group (ISG) - Mankato MN
 07/02/2019 02:00 PM CDT



Item Code	Item Description	UofM	Quantity	Engineer Estimate		Dirt Merchant Inc.		Loo Con, Inc.	
				Unit Price	Extension	Unit Price	Extension	Unit Price	Extension
2021.501	MOBILIZATION	LS	1	\$59,860.00	\$59,860.00	\$13,185.75	\$13,185.75	\$70,000.00	\$70,000.00
2021.601	TILE INVESTIGATION	HR	82	\$130.60	\$10,709.20	\$175.00	\$14,350.00	\$190.00	\$15,580.00
2104.501	SALVAGE & REPLACE FENCE	LF	550	\$2.50	\$1,375.00	\$25.00	\$13,750.00	\$10.00	\$5,500.00
2105.602	OPEN CUT & RESTORE GRAVEL ROAD OR DRIVEWAY	EA	9	\$1,710.30	\$15,392.70	\$1,500.00	\$13,500.00	\$15.00	\$135.00
2451.509	GRANULAR PIPE FOUNDATION	CY	1874	\$24.30	\$45,538.20	\$44.55	\$83,486.70	\$56.11	\$105,150.14
2501.602	SAND OR CLSM FILL PIPE UNDER ROAD (15-INCH)	LF	110	\$8.30	\$913.00	\$30.50	\$3,355.00	\$50.00	\$5,500.00
2502.541	INSTALL 12-INCH PERFORATED TILE (WATER QUALITY INLET)	LF	771	\$13.00	\$10,023.00	\$36.00	\$27,756.00	\$19.80	\$15,265.80
2503.603	36-INCH AGRICULTURAL TILE	LF	3610	\$45.40	\$163,894.00	\$51.15	\$184,651.50	\$54.20	\$195,662.00
2503.603	30-INCH AGRICULTURAL TILE	LF	6775	\$36.80	\$249,320.00	\$45.40	\$307,585.00	\$47.00	\$318,425.00
2503.603	24-INCH AGRICULTURAL TILE	LF	7720	\$32.70	\$252,444.00	\$36.20	\$279,464.00	\$36.55	\$282,166.00
2503.603	18-INCH AGRICULTURAL TILE	LF	5740	\$22.50	\$129,150.00	\$29.85	\$171,339.00	\$28.96	\$166,230.40
2503.603	15-INCH AGRICULTURAL TILE	LF	1953	\$19.50	\$38,083.50	\$25.70	\$50,192.10	\$26.80	\$52,340.40
2503.603	12-INCH AGRICULTURAL TILE	LF	6373	\$17.30	\$110,252.90	\$22.75	\$144,985.75	\$21.83	\$139,122.59
2503.603	10-INCH AGRICULTURAL TILE	LF	4339	\$16.70	\$72,461.30	\$22.00	\$95,458.00	\$21.06	\$91,379.34
2503.603	8-INCH AGRICULTURAL TILE	LF	1380	\$14.60	\$20,148.00	\$15.70	\$21,666.00	\$20.53	\$28,331.40
2503.603	6-INCH AGRICULTURAL TILE	LF	91	\$9.90	\$900.90	\$13.75	\$1,251.25	\$18.10	\$1,647.10
2506.502	FURNISH & INSTALL WATER QUALITY INLET	EA	24	\$1,152.60	\$27,662.40	\$1,395.00	\$33,480.00	\$1,798.19	\$43,156.56
2506.502	INSTALL DROP INTAKE (18-INCH)	EA	58	\$988.50	\$57,333.00	\$1,196.00	\$69,368.00	\$1,299.57	\$75,375.06
2506.502	CAP DROP INTAKE (18-INCH)	EA	15	\$224.70	\$3,370.50	\$326.00	\$4,890.00	\$30.69	\$460.35
2506.602	CONNECT EXISTING 24-INCH TILE	EA	1	\$1,051.70	\$1,051.70	\$1,394.00	\$1,394.00	\$1,300.29	\$1,300.29
2506.602	CONNECT EXISTING 18-INCH TILE	EA	1	\$876.80	\$876.80	\$1,154.00	\$1,154.00	\$806.69	\$806.69
2506.602	CONNECT EXISTING 15-INCH TILE	EA	8	\$697.40	\$5,579.20	\$884.00	\$7,072.00	\$831.63	\$6,653.04
2506.602	CONNECT EXISTING 12-INCH TILE	EA	9	\$602.40	\$5,421.60	\$811.00	\$7,299.00	\$663.54	\$5,971.86
2506.602	CONNECT EXISTING 10-INCH TILE	EA	6	\$580.20	\$3,481.20	\$830.00	\$4,980.00	\$682.85	\$4,097.10
2506.602	CONNECT EXISTING 8-INCH TILE	EA	14	\$465.70	\$6,519.80	\$555.00	\$7,770.00	\$455.10	\$6,371.40
2506.602	CONNECT EXISTING 6-INCH TILE	EA	22	\$377.90	\$8,313.80	\$453.00	\$9,966.00	\$355.57	\$7,822.54
2506.602	CONNECT EXISTING 4-INCH TILE	EA	25	\$249.10	\$6,227.50	\$439.00	\$10,975.00	\$342.37	\$8,559.25
2506.602	18-INCH CROSS-CONNECT W/30 LF OF SPECIFIED PIPE	EA	1	\$1,605.60	\$1,605.60	\$2,584.00	\$2,584.00	\$2,811.49	\$2,811.49
2506.602	15-INCH CROSS-CONNECT W/30 LF OF SPECIFIED PIPE	EA	5	\$1,073.80	\$5,369.00	\$2,320.00	\$11,600.00	\$1,701.07	\$8,505.35
2506.602	12-INCH CROSS-CONNECT W/30 LF OF SPECIFIED PIPE	EA	6	\$1,049.00	\$6,294.00	\$1,977.00	\$11,862.00	\$1,055.18	\$6,331.08
2506.602	10-INCH CROSS-CONNECT W/30 LF OF SPECIFIED PIPE	EA	3	\$1,072.30	\$3,216.90	\$1,313.00	\$3,939.00	\$763.85	\$2,291.55
2506.602	8-INCH CROSS-CONNECT W/30 LF OF SPECIFIED PIPE	EA	1	\$775.40	\$775.40	\$1,237.00	\$1,237.00	\$837.86	\$837.86
2506.602	6-INCH CROSS-CONNECT W/30 LF OF SPECIFIED PIPE	EA	3	\$722.40	\$2,167.20	\$1,098.00	\$3,294.00	\$499.48	\$1,498.44
2506.603	36-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	1	\$2,339.20	\$2,339.20	\$2,575.00	\$2,575.00	\$1,773.10	\$1,773.10
2506.603	30-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	1	\$2,050.90	\$2,050.90	\$2,347.00	\$2,347.00	\$1,644.42	\$1,644.42
2506.603	18-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	1	\$1,427.20	\$1,427.20	\$1,506.00	\$1,506.00	\$1,423.83	\$1,423.83
2506.603	15-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	1	\$1,170.70	\$1,170.70	\$1,343.00	\$1,343.00	\$1,410.28	\$1,410.28
2506.603	12-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	2	\$1,094.00	\$2,188.00	\$1,042.00	\$2,084.00	\$1,359.76	\$2,719.52
2506.603	10-INCH TILE OUTLET (20 LF OF PIPE & RIPRAP ON GEOTEXTILE FABRIC)	EA	1	\$1,041.10	\$1,041.10	\$919.00	\$919.00	\$1,336.95	\$1,336.95
2550.603	BORE 30-INCH TILE	LF	70	\$322.00	\$22,540.00	\$761.80	\$53,326.00	\$745.11	\$52,157.70
2550.603	BORE 10-INCH TILE	LF	140	\$87.40	\$12,236.00	\$629.35	\$88,109.00	\$434.51	\$60,831.40
2573.53	INSTALL INLET PROTECTION	EA	48	\$130.30	\$6,254.40	\$150.00	\$7,200.00	\$138.94	\$6,669.12
2575.523	SEED MIX 25-142 W/MNDOT EROSION CONTROL BLANKET CATEGORY 3	SY	5029	\$2.60	\$13,075.40	\$1.55	\$7,794.95	\$1.68	\$8,448.72
Base Bid Total					\$1,390,054.20		\$1,786,044.00		\$1,813,700.12