



TKDA

444 Cedar Street, Suite 1500
Saint Paul, MN 55101
651.292.4400
tkda.com

April 11, 2013

Mr. Chad Isakson, P.E.
City of Lake Elmo
3800 Laverne Avenue North
Lake Elmo, Minnesota 55042

Re: Keats Avenue MSA Street and Trunk Watermain Improvements
City of Lake Elmo, Minnesota
TKDA Project No. 15230.000

Dear Mr. Isakson:

A tabulation of the Bids received by the City for the above mentioned project on April 9, 2013 has been completed with the following results. A complete Tabulation of Bids is enclosed for your information.

Contractor	Base Bid	Alternate No. 1
T.A. Schifsky & Sons, Inc.	\$1,606,833.47	\$171,960.40
Burchville Construction, Inc.	\$1,618,210.80	\$172,973.50
Hardrives, Inc.	\$1,632,317.68	\$182,110.03
Redstone Construction, Inc.	\$1,637,750.22	\$198,341.60
Miller Excavating, Inc.	\$1,649,526.15	\$147,609.25
Minger Construction, Inc.	\$1,727,988.59	\$161,742.65
Dresel Contracting, Inc.	\$1,745,044.45	\$181,341.00
R. L. Larson Excavating Inc.	\$1,824,911.55	\$183,674.00
Engineer's Estimate	\$1,848,435.25	\$144,107.00

Recommendation

We recommend that you award the Contract to the lowest responsive and responsible bidder, T.A. Schifsky & Sons, Inc. for their Base Bid excluding Alternate No. 1 of \$1,606,833.47.

Please do not hesitate to call me with any questions or comments you may have.

Sincerely,

David M. Klocker, P.E.
Project Engineer

DMK/jac
Enclosure

TABULATION OF BIDS

KEATS AVENUE MSA STREET AND WATERMAIN IMPROVEMENTS
CITY OF LAKE ELMO, MINNESOTA
TKDA PROJECT NO. 15230.000
MUNICIPAL STATE AID PROJECT NUMBER 206-105-002
BIDS OPENED: APRIL 9, 2013, AT 2:00 PM



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Saint Paul, MN 55101
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*DENOTES ERROR IN BIDDERS CALCULATION

ITEM NO.	MN/DOT NO.	DESCRIPTION	QUANTITY	UNIT	ENGINEER'S ESTIMATE		T.A. SCHIFSKY		BURSCHVILLE CONSTRUCTION		
					UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	
		DIVISION 1 - GENERAL									
1	2021.501	MOBILIZATION	1.00	LS	\$ 70,000.00	\$ 70,000.00	\$ 53,000.00	\$ 53,000.00	\$ 15,000.00	\$ 15,000.00	
2	2101.502	CLEARING	1	TREE	\$ 250.00	\$ 250.00	\$ 400.00	\$ 400.00	\$ 260.00	\$ 260.00	
3	2101.507	GRUBBING	1	TREE	\$ 250.00	\$ 250.00	\$ 100.00	\$ 100.00	\$ 160.00	\$ 160.00	
4	2105.525	TOPSOIL BORROW (CV)	2744	CY	\$ 14.00	\$ 38,416.00	\$ 5.00	\$ 13,720.00	\$ 18.00	\$ 49,392.00	
5	2453.610	EXPLORATORY DIGGING	8	HR	\$ 250.00	\$ 2,000.00	\$ 300.00	\$ 2,400.00	\$ 250.00	\$ 2,000.00	
6	2563.601	TRAFFIC CONTROL	1.00	LS	\$ 15,000.00	\$ 15,000.00	\$ 24,000.00	\$ 24,000.00	\$ 5,000.00	\$ 5,000.00	
7	2573.502	SILT FENCE	5880	LF	\$ 2.00	\$ 11,760.00	\$ 1.00	\$ 5,880.00	\$ 1.60	\$ 9,408.00	
8	2573.530	INLET PROTECTION	9	EA	\$ 150.00	\$ 1,350.00	\$ 60.00	\$ 540.00	\$ 125.00	\$ 1,125.00	
9	2573.602	TEMPORARY ROCK CONSTRUCTION ENTRANCE	2	EA	\$ 1,500.00	\$ 3,000.00	\$ 200.00	\$ 400.00	\$ 900.00	\$ 1,800.00	
10	2573.602	CULVERT PROTECTION	14	EA	\$ 100.00	\$ 1,400.00	\$ 75.00	\$ 1,050.00	\$ 90.00	\$ 1,260.00	
11	2575.505	SODDING (SALT RESISTANT)	213	SY	\$ 3.00	\$ 639.00	\$ 7.00	\$ 1,491.00	\$ 5.50	\$ 1,171.50	
12	2575.523	EROISION CONTROL BLANKET, CAT. 3	16465	SY	\$ 2.00	\$ 32,930.00	\$ 1.03	\$ 16,958.95	\$ 1.07	\$ 17,617.55	
13	2575.605	SEEDING (SEED MIXTURE 250 AND FERTILIZER TYPE, 3)	3.36	AC	\$ 2,500.00	\$ 8,400.00	\$ 525.00	\$ 1,764.00	\$ 1,900.00	\$ 6,384.00	
14	2575.605	SEEDING (SEED MIXTURE 328 AND FERTILIZER TYPE, 4)	0.23	AC	\$ 3,500.00	\$ 805.00	\$ 1,545.00	\$ 355.35	\$ 3,950.00	\$ 908.50	
		SUBTOTAL				\$ 186,200.00		\$ 122,059.30		\$ 111,486.55	
		DIVISION 2 - WATERMAIN									
1	2504.602	12" WATERMAIN OFFSET	2	EA	\$ 2,500.00	\$ 5,000.00	\$ 3,811.00	\$ 7,622.00	\$ 4,000.00	\$ 8,000.00	
2	2504.602	CONNECT TO EXISTING WATERMAIN	2	EA	\$ 1,250.00	\$ 2,500.00	\$ 3,399.00	\$ 6,798.00	\$ 2,500.00	\$ 5,000.00	
3	2504.602	6" HYDRANT	13	EA	\$ 3,000.00	\$ 39,000.00	\$ 3,244.50	\$ 42,178.50	\$ 4,000.00	\$ 52,000.00	
4	2504.602	6" GATE VALVE & BOX	13	EA	\$ 1,250.00	\$ 16,250.00	\$ 1,236.00	\$ 16,068.00	\$ 1,200.00	\$ 15,600.00	
5	2504.602	8" GATE VAVLE & BOX	3	EA	\$ 1,850.00	\$ 5,550.00	\$ 1,627.40	\$ 4,882.20	\$ 1,700.00	\$ 5,100.00	
6	2504.602	12" GATE VAVLE & BOX	15	EA	\$ 2,800.00	\$ 42,000.00	\$ 2,811.90	\$ 42,178.50	\$ 3,100.00	\$ 46,500.00	
7	2504.602	1" CORPORATION STOP	3	EA	\$ 150.00	\$ 450.00	\$ 278.10	\$ 834.30	\$ 125.00	\$ 375.00	
8	2504.602	1.5" CORPORATION STOP	18	EA	\$ 200.00	\$ 3,600.00	\$ 607.70	\$ 10,938.60	\$ 300.00	\$ 5,400.00	
9	2504.602	2" CORPORATION STOP	1	EA	\$ 250.00	\$ 250.00	\$ 741.60	\$ 741.60	\$ 450.00	\$ 450.00	
10	2504.602	1" CURB STOP AND BOX	3	EA	\$ 150.00	\$ 450.00	\$ 566.50	\$ 1,699.50	\$ 200.00	\$ 600.00	
11	2504.602	1.5" CURB STOP AND BOX	18	EA	\$ 200.00	\$ 3,600.00	\$ 690.10	\$ 12,421.80	\$ 325.00	\$ 5,850.00	
12	2504.602	2" CURB STOP AND BOX	1	EA	\$ 250.00	\$ 250.00	\$ 844.60	\$ 844.60	\$ 450.00	\$ 450.00	
13	2504.603	1" TYPE K COPPER WATER SERVICE PIPE	135	LF	\$ 20.00	\$ 2,700.00	\$ 20.60	\$ 2,781.00	\$ 17.00	\$ 2,295.00	
14	2504.603	1.5" TYPE K COPPER WATER SERVICE PIPE	548	LF	\$ 22.00	\$ 12,056.00	\$ 23.69	\$ 12,982.12	\$ 21.00	\$ 11,508.00	
15	2504.603	2" TYPE K COPPER WATER SERVICE PIPE	45	LF	\$ 28.00	\$ 1,260.00	\$ 30.90	\$ 1,390.50	\$ 26.00	\$ 1,170.00	
16	2504.603	6" DIP CL. 52 WATERMAIN	303	LF	\$ 28.00	\$ 8,484.00	\$ 27.81	\$ 8,426.43	\$ 37.50	\$ 11,362.50	
17	2504.603	8" DIP CL. 52 WATERMAIN	52	LF	\$ 38.00	\$ 1,976.00	\$ 32.96	\$ 1,713.92	\$ 42.00	\$ 2,184.00	
18	2504.603	12" DIP CL. 52 WATERMAIN	5954	LF	\$ 55.00	\$ 327,470.00	\$ 43.00	\$ 256,022.00	\$ 43.00	\$ 256,022.00	
19	2504.603	12" HDPE DR. 11(DIPS), BY HDD	2435	LF	\$ 58.00	\$ 141,230.00	\$ 58.00	\$ 141,230.00	\$ 51.00	\$ 124,185.00	
20	2504.608	MJ DIP COMPACT FITTINGS	4294	LBS	\$ 5.50	\$ 23,617.00	\$ 4.74	\$ 20,353.56	\$ 4.75	\$ 20,396.50	
21	2564.551	OFF ROAD STRUCTURE MARKER	2	EA	\$ 250.00	\$ 500.00	\$ 170.00	\$ 340.00	\$ 75.00	\$ 150.00	
		SUBTOTAL				\$ 638,193.00		\$ 592,447.13		\$ 574,598.00	
		DIVISION 3 - STORM SEWER									
1	2104.501	REMOVE PIPE CULVERTS (ALL TYPES & SIZES)	1016	LF	\$ 9.00	\$ 9,144.00	\$ 7.00	\$ 7,112.00	\$ 8.00	\$ 8,128.00	
2	2104.521	SALVAGE CONCRETE PIPE CULVERT (ALL TYPES & SIZES)	85	LF	\$ 7.00	\$ 595.00	\$ 13.00	\$ 1,105.00	\$ 15.00	\$ 1,275.00	
3	2501.515	15" RCP FES W/ TRASH GUARD	4	EA	\$ 450.00	\$ 1,800.00	\$ 1,163.90	\$ 4,655.60	\$ 850.00	\$ 3,400.00	
4	2501.515	18" RCP FES W/ TRASH GUARD	4	EA	\$ 500.00	\$ 2,000.00	\$ 1,215.40	\$ 4,861.60	\$ 940.00	\$ 3,760.00	
5	2501.515	21" RCP FES W/ TRASH GUARD	6	EA	\$ 650.00	\$ 3,900.00	\$ 1,421.40	\$ 8,528.40	\$ 1,300.00	\$ 7,800.00	
6	2501.521	22" SPAN RCP CL. 5 STORM SEWER PIPE	47	LF	\$ 32.00	\$ 1,504.00	\$ 50.00	\$ 2,350.00	\$ 90.50	\$ 4,253.50	
7	2501.521	28" SPAN RCP CL. 5 STORM SEWER PIPE	49	LF	\$ 36.00	\$ 1,764.00	\$ 60.00	\$ 2,940.00	\$ 99.50	\$ 4,875.50	
8	2501.521	36" SPAN RCP CL. 5 STORM SEWER PIPE	60	LF	\$ 40.00	\$ 2,400.00	\$ 82.40	\$ 4,944.00	\$ 105.50	\$ 6,330.00	

KEATS AVENUE MSA STREET AND WATERMAIN IMPROVEMENTS
CITY OF LAKE ELMO, MINNESOTA
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BIDS OPENED: APRIL 9, 2013, AT 2:00 PM



*DENOTES ERROR IN BIDDERS CALCULATION

ITEM NO.	MN/DOT NO.	DESCRIPTION	QUANTITY	UNIT	ENGINEER'S ESTIMATE		T.A. SCHIFSKY		BURSCHVILLE CONSTRUCTION	
					UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
9	2501.525	22" SPAN RCP FES W/ TRASH GUARD	2	EA	\$ 500.00	\$ 1,000.00	\$ 1,287.50	\$ 2,575.00	\$ 1,000.00	\$ 2,000.00
10	2501.525	28" SPAN RCP FES W/ TRASH GUARD	2	EA	\$ 550.00	\$ 1,100.00	\$ 1,565.60	\$ 3,131.20	\$ 1,550.00	\$ 3,100.00
11	2501.525	36" SPAN RCP FES W/ TRASH GUARD	2	EA	\$ 650.00	\$ 1,300.00	\$ 2,183.60	\$ 4,367.20	\$ 2,025.00	\$ 4,050.00
12	2501.571	INSTALL SALAVAGED CONCRETE PIPE CULVERT (ALL TYPES & SIZES)	85	LF	\$ 10.00	\$ 850.00	\$ 21.63	\$ 1,838.55	\$ 25.00	\$ 2,125.00
13	2502.521	15" CMP DRIVEWAY CULVERT W/ APRON	326	LF	\$ 25.00	\$ 8,150.00	\$ 28.84	\$ 9,401.84	\$ 80.50	\$ 26,243.00
14	2502.521	18" CMP DRIVEWAY CULVERT W/ APRON	120	LF	\$ 30.00	\$ 3,600.00	\$ 33.99	\$ 4,078.80	\$ 83.00	\$ 9,960.00
15	2503.511	15" RCP CL. 5 STORM SEWER PIPE	126	LF	\$ 30.00	\$ 3,780.00	\$ 26.78	\$ 3,374.28	\$ 46.75	\$ 5,890.50
16	2503.511	18" RCP CL. 5 STORM SEWER PIPE	61	LF	\$ 33.00	\$ 2,013.00	\$ 29.87	\$ 1,822.07	\$ 49.00	\$ 2,989.00
17	2503.511	21" RCP CL. 5 STORM SEWER PIPE	226	LF	\$ 35.00	\$ 7,910.00	\$ 34.00	\$ 7,684.00	\$ 87.00	\$ 19,662.00
18	2506.502	48" DIAMETER MANHOLE, TYPE 406S	6	EA	\$ 2,800.00	\$ 16,800.00	\$ 2,266.00	\$ 13,596.00	\$ 2,250.00	\$ 13,500.00
19	2506.601	INFILTRATION BASIN	6	EA	\$ 1,200.00	\$ 7,200.00	\$ 600.00	\$ 3,600.00	\$ 200.00	\$ 1,200.00
20	2511.501	CL. 3 RIPRAP W/ GEOTEXTILE FILTER FABRIC	94.2	CY	\$ 90.00	\$ 8,478.00	\$ 100.00	\$ 9,420.00	\$ 80.00	\$ 7,536.00
21	2511.501	CL. 4 RIPRAP W/ GEOTEXTILE FILTER FABRIC	16.2	CY	\$ 110.00	\$ 1,782.00	\$ 105.00	\$ 1,701.00	\$ 80.00	\$ 1,296.00
		SUBTOTAL				\$ 87,070.00		\$ 103,086.54		\$ 139,373.50
		DIVISION 4 - STREETS & RESTORATION								
1	2104.501	REMOVE & DISPOSE OF EXIST. CONCRETE CURB & GUTTER	213	LF	\$ 5.00	\$ 1,065.00	\$ 3.09	\$ 658.17	\$ 3.00	\$ 639.00
2	2104.501	REMOVE & DISPOSE OF EXIST. FLUME (ALL TYPES)	6	EA	\$ 150.00	\$ 900.00	\$ 360.50	\$ 2,163.00	\$ 85.00	\$ 510.00
3	2104.505	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT	19710	SY	\$ 2.50	\$ 49,275.00	\$ 1.00	\$ 19,710.00	\$ 1.50	\$ 29,565.00
4	2104.509	REMOVE SIGN	18	EA	\$ 50.00	\$ 900.00	\$ 30.00	\$ 540.00	\$ 30.00	\$ 540.00
5	2104.523	SALVAGE MAILBOX	20	EA	\$ 75.00	\$ 1,500.00	\$ 25.00	\$ 500.00	\$ 45.00	\$ 900.00
6	2104.523	SALVAGE POST & SIGN	9	EA	\$ 75.00	\$ 675.00	\$ 30.00	\$ 270.00	\$ 30.00	\$ 270.00
7	2105.501	COMMON EXCAVATION (P)	19252	CY	\$ 8.00	\$ 154,016.00	\$ 8.00	\$ 154,016.00	\$ 7.25	\$ 139,577.00
8	2105.522	SELECT GRANULAR BORROW (CV), SPEC 3149.2B	8527	CY	\$ 10.00	\$ 85,270.00	\$ 8.29	\$ 70,688.83	\$ 8.50	\$ 72,479.50
9	2105.604	GEOTEXTILE FOR ROAD STABILIZATION; MnDOT TYPE V	300	SY	\$ 2.50	\$ 750.00	\$ 1.00	\$ 300.00	\$ 3.75	\$ 1,125.00
10	2106.607	SUBGRADE CORRECTION	100	CY	\$ 25.00	\$ 2,500.00	\$ 15.00	\$ 1,500.00	\$ 19.00	\$ 1,900.00
11	2112.501	SUBGRADE PREPARATION (ROADWAY)	65	RS	\$ 250.00	\$ 16,250.00	\$ 100.00	\$ 6,500.00	\$ 140.00	\$ 9,100.00
12	2211.501	CL.5 AGGREGATE BASE	7534	TN	\$ 13.00	\$ 97,942.00	\$ 8.50	\$ 64,039.00	\$ 10.90	\$ 82,120.60
13	2357.502	BITUMINOUS MATERIAL FOR TACK COAT	1044	GA	\$ 2.50	\$ 2,610.00	\$ 3.00	\$ 3,132.00	\$ 2.40	\$ 2,505.60
14	2360.501	SPWEA240B BITUMINOUS WEARING COURSE (STREETS)	1867	TN	\$ 60.00	\$ 112,020.00	\$ 66.00	\$ 123,222.00	\$ 55.85	\$ 104,271.95
15	2360.501	SPWEA240B BITUMINOUS WEARING COURSE (DRIVES)	115	TN	\$ 70.00	\$ 8,050.00	\$ 80.00	\$ 9,200.00	\$ 91.45	\$ 10,516.75
16	2360.502	SPNWB230B BITUMINOUS NON-WEARING COURSE (STREETS)	3111	TN	\$ 58.00	\$ 180,438.00	\$ 58.00	\$ 180,438.00	\$ 55.80	\$ 173,593.80
17	2502.501	4" PRECAST CONCRETE HEADWALL	6	EA	\$ 175.00	\$ 1,050.00	\$ 412.00	\$ 2,472.00	\$ 230.00	\$ 1,380.00
18	2502.541	4" PERFORATED PVC EDGE DRAIN W/BACKFILL & WRAP	6083	LF	\$ 5.00	\$ 30,415.00	\$ 3.50	\$ 21,290.50	\$ 3.75	\$ 22,811.25
19	2502.602	DRAINTILE CLEANOUT (INCL. PIPE, FITTINGS, & STEEL CAP)	26	EA	\$ 150.00	\$ 3,900.00	\$ 155.00	\$ 4,030.00	\$ 200.00	\$ 5,200.00
20	2502.602	DRAINTILE CONNECTION INTO CATCH BASIN	10	EA	\$ 200.00	\$ 2,000.00	\$ 250.00	\$ 2,500.00	\$ 150.00	\$ 1,500.00
21	2531.501	B418 CONCRETE CURB & GUTTER	12650	LF	\$ 11.00	\$ 139,150.00	\$ 8.34	\$ 105,501.00	\$ 9.00	\$ 113,850.00
22	2531.602	CONCRETE PEDESTRIAN RAMP	1	EA	\$ 350.00	\$ 350.00	\$ 400.00	\$ 400.00	\$ 400.00	\$ 400.00
23	2531.602	CONCRETE CURB CUT	38	EA	\$ 250.00	\$ 9,500.00	\$ 10.00	\$ 380.00	\$ 30.00	\$ 1,140.00
24	2531.602	6" CONCRETE FLUME	82	SY	\$ 100.00	\$ 8,200.00	\$ 36.00	\$ 2,952.00	\$ 39.00	\$ 3,198.00
25	2531.618	CAST IRON TRUNCATED DOME PANELS	8	SF	\$ 32.00	\$ 256.00	\$ 50.00	\$ 400.00	\$ 46.00	\$ 368.00
26	2540.602	INSTALL SALVAGED MAILBOX	20	EA	\$ 75.00	\$ 1,500.00	\$ 10.00	\$ 200.00	\$ 80.00	\$ 1,600.00
27	2554.602	PERMANENT BARRICADE	1	EA	\$ 500.00	\$ 500.00	\$ 400.00	\$ 400.00	\$ 260.00	\$ 260.00
28	2564.531	INSTALL SIGN PANELS, TYPE C (INCLUDING POSTS & ASSEMBLY)	18	EA	\$ 135.00	\$ 2,430.00	\$ 55.00	\$ 990.00	\$ 60.00	\$ 1,080.00
29	2564.531	INSTALL SALVAGED SIGN	9	EA	\$ 150.00	\$ 1,350.00	\$ 50.00	\$ 450.00	\$ 55.00	\$ 495.00
30	2564.533	FURNISH SIGN PANELS, TYPE C	117.00	SF	\$ 9.50	\$ 1,111.50	\$ 24.00	\$ 2,808.00	\$ 24.00	\$ 2,808.00
31	2582.502	4" SOLID DOUBLE LINE YELLOW - EPOXY	4720	LF	\$ 1.50	\$ 7,080.00	\$ 0.62	\$ 2,926.40	\$ 0.55	\$ 2,596.00
32	2582.502	4" SOLID LINE WHITE - EPOXY	12240	LF	\$ 1.00	\$ 12,240.00	\$ 0.32	\$ 3,916.80	\$ 0.31	\$ 3,794.40
33	2582.502	4" SOLID LINE YELLOW - EPOXY	755	LF	\$ 1.00	\$ 755.00	\$ 0.31	\$ 234.05	\$ 0.27	\$ 203.85
34	2582.502	4" BROKEN LINE YELLOW - EXPOXY	1265	LF	\$ 0.75	\$ 948.75	\$ 0.10	\$ 126.50	\$ 0.27	\$ 341.55
35	2582.502	24" SOLID LINE YELLOW - EPOXY	25	LF	\$ 3.00	\$ 75.00	\$ 15.45	\$ 386.25	\$ 4.50	\$ 112.50
		SUBTOTAL				\$ 936,972.25		\$ 789,240.50		\$ 792,752.75
		TOTAL BASE BID				\$ 1,848,435.25		\$ 1,606,833.47		\$ 1,618,210.80

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					UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
		ALTERNATE NO. 1								
1	2504.602	DEDUCT 12" WATERMAIN OFFSET	2	EA	\$ (2,500.00)	\$ (5,000.00)	\$ (3,700.00)	\$ (7,400.00)	\$ (4,000.00)	\$ (8,000.00)
2	2504.602	16" WATERMAIN OFFSET	2	EA	\$ 5,000.00	\$ 10,000.00	\$ 6,500.00	\$ 13,000.00	\$ 5,000.00	\$ 10,000.00
3	2504.602	DEDUCT 12" GATE VALVE & BOX	13	EA	\$ (2,800.00)	\$ (36,400.00)	\$ (2,730.00)	\$ (35,490.00)	\$ (3,100.00)	\$ (40,300.00)
4	2504.602	16" BUTTERFLY VALVE	13	EA	\$ 4,000.00	\$ 52,000.00	\$ 3,100.00	\$ 40,300.00	\$ 3,000.00	\$ 39,000.00
5	2504.603	DEDUCT 12" DIP CL. 52 WATERMAIN	5915	LF	\$ (55.00)	\$ (325,325.00)	\$ (43.00)	\$ (254,345.00)	\$ (45.00)	\$ (266,175.00)
6	2504.603	16" DIP CL. 52 WATERMAIN	5915	LF	\$ 63.00	\$ 372,645.00	\$ 58.00	\$ 343,070.00	\$ 57.00	\$ 337,155.00
7	2504.603	DEDUCT 12" HDPE DR. 11(DIPS), BY HDD	2435	LF	\$ (58.00)	\$ (141,230.00)	\$ (57.00)	\$ (138,795.00)	\$ (51.00)	\$ (124,185.00)
8	2504.603	16" HDPE DR. 11(DIPS), BY HDD	2435	LF	\$ 82.00	\$ 199,670.00	\$ 80.00	\$ 194,800.00	\$ 86.00	\$ 209,410.00
9	2504.608	DEDUCT 12" MJ DIP COMPACT FITTINGS	3200	EA	\$ (5.50)	\$ (17,600.00)	\$ (4.60)	\$ (14,720.00)	\$ (4.75)	\$ (15,200.00)
10	2504.608	16" MJ DIP COMPACT FITTINGS	5438	EA	\$ 6.50	\$ 35,347.00	\$ 5.80	\$ 31,540.40	\$ 5.75	\$ 31,268.50
		SUBTOTAL				\$ 144,107.00		\$ 171,960.40		\$ 172,973.50
		GRAND TOTAL WITH ALTERNATE NO. 1				\$ 1,992,542.25		\$ 1,778,793.87		\$ 1,791,184.30

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CITY OF LAKE ELMO, MINNESOTA
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DIVISION 1 - GENERAL										
1	2021.501	MOBILIZATION	1.00	LS	\$ 24,353.40	\$ 24,353.40	\$ 14,750.00	\$ 14,750.00	\$ 56,629.00	\$ 56,629.00
2	2101.502	CLEARING	1	TREE	\$ 264.72	\$ 264.72	\$ 600.00	\$ 600.00	\$ 300.00	\$ 300.00
3	2101.507	GRUBBING	1	TREE	\$ 158.83	\$ 158.83	\$ 200.00	\$ 200.00	\$ 100.00	\$ 100.00
4	2105.525	TOPSOIL BORROW (CV)	2744	CY	\$ 18.74	\$ 51,422.56	\$ 0.01	\$ 27.44	\$ 16.50	\$ 45,276.00
5	2453.610	EXPLORATORY DIGGING	8	HR	\$ 370.62	\$ 2,964.96	\$ 600.00	\$ 4,800.00	\$ 205.00	\$ 1,640.00
6	2563.601	TRAFFIC CONTROL	1.00	LS	\$ 3,970.87	\$ 3,970.87	\$ 4,500.00	\$ 4,500.00	\$ 3,750.00	\$ 3,750.00
7	2573.502	SILT FENCE	5880	LF	\$ 1.76	\$ 10,348.80	\$ 1.85	\$ 10,878.00	\$ 1.70	\$ 9,996.00
8	2573.530	INLET PROTECTION	9	EA	\$ 95.30	\$ 857.70	\$ 150.00	\$ 1,350.00	\$ 100.00	\$ 900.00
9	2573.602	TEMPORARY ROCK CONSTRUCTION ENTRANCE	2	EA	\$ 423.56	\$ 847.12	\$ 2,000.00	\$ 4,000.00	\$ 900.00	\$ 1,800.00
10	2573.602	CULVERT PROTECTION	14	EA	\$ 95.30	\$ 1,334.20	\$ 100.00	\$ 1,400.00	\$ 100.00	\$ 1,400.00
11	2575.505	SODDING (SALT RESISTANT)	213	SY	\$ 9.53	\$ 2,029.89	\$ 6.00	\$ 1,278.00	\$ 9.00	\$ 1,917.00
12	2575.523	EROISION CONTROL BLANKET, CAT. 3	16465	SY	\$ 1.04	\$ 17,123.60	\$ 1.00	\$ 16,465.00	\$ 1.00	\$ 16,465.00
13	2575.605	SEEDING (SEED MIXTURE 250 AND FERTILIZER TYPE, 3)	3.36	AC	\$ 534.74	\$ 1,796.73	\$ 500.00	\$ 1,680.00	\$ 1,400.00	\$ 4,704.00
14	2575.605	SEEDING (SEED MIXTURE 328 AND FERTILIZER TYPE, 4)	0.23	AC	\$ 1,549.17	\$ 356.31	\$ 1,500.00	\$ 345.00	\$ 2,000.00	\$ 460.00
		SUBTOTAL				\$ 117,829.69		\$ 62,273.44		\$ 145,337.00
DIVISION 2 - WATERMAIN										
1	2504.602	12" WATERMAIN OFFSET	2	EA	\$ 3,917.93	\$ 7,835.86	\$ 3,650.00	\$ 7,300.00	\$ 3,500.00	\$ 7,000.00
2	2504.602	CONNECT TO EXISTING WATERMAIN	2	EA	\$ 3,494.37	\$ 6,988.74	\$ 483.00	\$ 966.00	\$ 1,200.00	\$ 2,400.00
3	2504.602	6" HYDRANT	13	EA	\$ 3,335.53	\$ 43,361.89	\$ 4,060.00	\$ 52,780.00	\$ 3,585.00	\$ 46,605.00
4	2504.602	6" GATE VALVE & BOX	13	EA	\$ 1,270.68	\$ 16,518.84	\$ 1,150.00	\$ 14,950.00	\$ 1,380.00	\$ 17,940.00
5	2504.602	8" GATE VAVLE & BOX	3	EA	\$ 1,673.06	\$ 5,019.18	\$ 1,920.00	\$ 5,760.00	\$ 1,815.00	\$ 5,445.00
6	2504.602	12" GATE VAVLE & BOX	15	EA	\$ 2,890.80	\$ 43,362.00	\$ 3,240.00	\$ 48,600.00	\$ 3,390.00	\$ 50,850.00
7	2504.602	1" CORPORATION STOP	3	EA	\$ 285.90	\$ 857.70	\$ 110.00	\$ 330.00	\$ 280.00	\$ 840.00
8	2504.602	1.5" CORPORATION STOP	18	EA	\$ 624.75	\$ 11,245.50	\$ 377.00	\$ 6,786.00	\$ 340.00	\$ 6,120.00
9	2504.602	2" CORPORATION STOP	1	EA	\$ 762.41	\$ 762.41	\$ 538.00	\$ 538.00	\$ 535.00	\$ 535.00
10	2504.602	1" CURB STOP AND BOX	3	EA	\$ 582.39	\$ 1,747.17	\$ 259.00	\$ 777.00	\$ 245.00	\$ 735.00
11	2504.602	1.5" CURB STOP AND BOX	18	EA	\$ 709.46	\$ 12,770.28	\$ 404.00	\$ 7,272.00	\$ 390.00	\$ 7,020.00
12	2504.602	2" CURB STOP AND BOX	1	EA	\$ 868.30	\$ 868.30	\$ 639.00	\$ 639.00	\$ 620.00	\$ 620.00
13	2504.603	1" TYPE K COPPER WATER SERVICE PIPE	135	LF	\$ 21.18	\$ 2,859.30	\$ 26.90	\$ 3,631.50	\$ 22.25	\$ 3,003.75
14	2504.603	1.5" TYPE K COPPER WATER SERVICE PIPE	548	LF	\$ 24.35	\$ 13,343.80	\$ 35.60	\$ 19,508.80	\$ 27.50	\$ 15,070.00
15	2504.603	2" TYPE K COPPER WATER SERVICE PIPE	45	LF	\$ 31.77	\$ 1,429.65	\$ 46.80	\$ 2,106.00	\$ 45.00	\$ 2,025.00
16	2504.603	6" DIP CL. 52 WATERMAIN	303	LF	\$ 28.59	\$ 8,662.77	\$ 33.50	\$ 10,150.50	\$ 36.00	\$ 10,908.00
17	2504.603	8" DIP CL. 52 WATERMAIN	52	LF	\$ 33.88	\$ 1,761.76	\$ 38.50	\$ 2,002.00	\$ 50.00	\$ 2,600.00
18	2504.603	12" DIP CL. 52 WATERMAIN	5954	LF	\$ 45.53	\$ 271,085.62	\$ 46.70	\$ 278,051.80	\$ 50.25	\$ 299,188.50
19	2504.603	12" HDPE DR. 11(DIPS), BY HDD	2435	LF	\$ 60.36	\$ 146,976.60	\$ 56.00	\$ 136,360.00	\$ 53.65	\$ 130,637.75
20	2504.608	MJ DIP COMPACT FITTINGS	4294	LBS	\$ 4.87	\$ 20,911.78	\$ 4.85	\$ 20,825.90	\$ 4.75	\$ 20,396.50
21	2564.551	OFF ROAD STRUCTURE MARKER	2	EA	\$ 79.42	\$ 158.84	\$ 120.00	\$ 240.00	\$ 180.00	\$ 360.00
		SUBTOTAL				\$ 618,527.99		\$ 619,574.50		\$ 630,299.50
DIVISION 3 - STORM SEWER										
1	2104.501	REMOVE PIPE CULVERTS (ALL TYPES & SIZES)	1016	LF	\$ 7.41	\$ 7,528.56	\$ 5.40	\$ 5,486.40	\$ 5.00	\$ 5,080.00
2	2104.521	SALVAGE CONCRETE PIPE CULVERT (ALL TYPES & SIZES)	85	LF	\$ 12.71	\$ 1,080.35	\$ 8.60	\$ 731.00	\$ 20.00	\$ 1,700.00
3	2501.515	15" RCP FES W/ TRASH GUARD	4	EA	\$ 1,195.56	\$ 4,782.24	\$ 678.00	\$ 2,712.00	\$ 810.00	\$ 3,240.00
4	2501.515	18" RCP FES W/ TRASH GUARD	4	EA	\$ 1,249.50	\$ 4,998.00	\$ 735.00	\$ 2,940.00	\$ 865.00	\$ 3,460.00
5	2501.515	21" RCP FES W/ TRASH GUARD	6	EA	\$ 1,461.28	\$ 8,767.68	\$ 962.00	\$ 5,772.00	\$ 1,080.00	\$ 6,480.00
6	2501.521	22" SPAN RCP CL. 5 STORM SEWER PIPE	47	LF	\$ 49.77	\$ 2,339.19	\$ 49.20	\$ 2,312.40	\$ 68.00	\$ 3,196.00
7	2501.521	28" SPAN RCP CL. 5 STORM SEWER PIPE	49	LF	\$ 61.42	\$ 3,009.58	\$ 57.70	\$ 2,827.30	\$ 70.00	\$ 3,430.00
8	2501.521	36" SPAN RCP CL. 5 STORM SEWER PIPE	60	LF	\$ 84.71	\$ 5,082.60	\$ 69.40	\$ 4,164.00	\$ 85.00	\$ 5,100.00

KEATS AVENUE MSA STREET AND WATERMAIN IMPROVEMENTS
CITY OF LAKE ELMO, MINNESOTA
TKDA PROJECT NO. 15230.000
MUNICIPAL STATE AID PROJECT NUMBER 206-105-002
BIDS OPENED: APRIL 9, 2013, AT 2:00 PM



101.202.8807
info.com

*DENOTES ERROR IN BIDDERS CALCULATION

*DENOTES ERROR IN BIDDERS CALCULATION

ITEM NO.	MN/DOT NO.	DESCRIPTION	QUANTITY	UNIT	HARDRIVES, INC		REDSTONE CONSTRUCTION		MILLER EXCAVATING	
					UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
9	2501.525	22" SPAN RCP FES W/ TRASH GUARD	2	EA	\$ 1,323.63	\$ 2,647.26	\$ 749.00	\$ 1,498.00	\$ 650.00	\$ 1,300.00
10	2501.525	28" SPAN RCP FES W/ TRASH GUARD	2	EA	\$ 1,609.53	\$ 3,219.06	\$ 1,140.00	\$ 2,280.00	\$ 920.00	\$ 1,840.00
11	2501.525	36" SPAN RCP FES W/ TRASH GUARD	2	EA	\$ 2,244.87	\$ 4,489.74	\$ 1,520.00	\$ 3,040.00	\$ 1,135.00	\$ 2,270.00
12	2501.571	INSTALL SALAVAGED CONCRETE PIPE CULVERT (ALL TYPES & SIZES)	85	LF	\$ 22.44	\$ 1,907.40	\$ 24.70	\$ 2,099.50	\$ 20.00	\$ 1,700.00
13	2502.521	15" CMP DRIVEWAY CULVERT W/ APRON	326	LF	\$ 29.65	\$ 9,665.90	\$ 42.60	\$ 13,887.60	\$ 31.00	\$ 10,106.00
14	2502.521	18" CMP DRIVEWAY CULVERT W/ APRON	120	LF	\$ 34.94	\$ 4,192.80	\$ 45.10	\$ 5,412.00	\$ 34.50	\$ 4,140.00
15	2503.511	15" RCP CL. 5 STORM SEWER PIPE	126	LF	\$ 27.53	\$ 3,468.78	\$ 26.60	\$ 3,351.60	\$ 28.85	\$ 3,635.10
16	2503.511	18" RCP CL. 5 STORM SEWER PIPE	61	LF	\$ 30.71	\$ 1,873.31	\$ 28.60	\$ 1,744.60	\$ 32.00	\$ 1,952.00
17	2503.511	21" RCP CL. 5 STORM SEWER PIPE	226	LF	\$ 34.94	\$ 7,896.44	\$ 33.10	\$ 7,480.60	\$ 36.00	\$ 8,136.00
18	2506.502	48" DIAMETER MANHOLE, TYPE 406S	6	EA	\$ 2,329.58	\$ 13,977.48	\$ 2,380.00	\$ 14,280.00	\$ 2,010.00	\$ 12,060.00
19	2506.601	INFILTRATION BASIN	6	EA	\$ 206.49	\$ 1,238.94	\$ 360.00	\$ 2,160.00	\$ 1,500.00	\$ 9,000.00
20	2511.501	CL. 3 RIPRAP W/ GEOTEXTILE FILTER FABRIC	94.2	CY	\$ 100.60	\$ 9,476.52	\$ 102.00	\$ 9,608.40	\$ 80.00	\$ 7,536.00
21	2511.501	CL. 4 RIPRAP W/ GEOTEXTILE FILTER FABRIC	16.2	CY	\$ 111.18	\$ 1,801.12	\$ 107.00	\$ 1,733.40	\$ 80.00	\$ 1,296.00
		SUBTOTAL				\$ 103,442.95		\$ 95,520.80		\$ 96,657.10
		DIVISION 4 - STREETS & RESTORATION								
1	2104.501	REMOVE & DISPOSE OF EXIST. CONCRETE CURB & GUTTER	213	LF	\$ 2.91	\$ 619.83	\$ 1.50	\$ 319.50	\$ 5.00	\$ 1,065.00
2	2104.501	REMOVE & DISPOSE OF EXIST. FLUME (ALL TYPES)	6	EA	\$ 79.42	\$ 476.52	\$ 125.00	\$ 750.00	\$ 100.00	\$ 600.00
3	2104.505	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT	19710	SY	\$ 1.32	\$ 26,017.20	\$ 1.00	\$ 19,710.00	\$ 1.80	\$ 35,478.00
4	2104.509	REMOVE SIGN	18	EA	\$ 26.47	\$ 476.46	\$ 25.00	\$ 450.00	\$ 25.00	\$ 450.00
5	2104.523	SALVAGE MAILBOX	20	EA	\$ 23.30	\$ 466.00	\$ 22.00	\$ 440.00	\$ 40.00	\$ 800.00
6	2104.523	SALVAGE POST & SIGN	9	EA	\$ 65.65	\$ 590.85	\$ 25.00	\$ 225.00	\$ 25.00	\$ 225.00
7	2105.501	COMMON EXCAVATION (P)	19252	CY	\$ 7.36	\$ 141,694.72	\$ 12.24	\$ 235,644.48	\$ 6.50	\$ 125,138.00
8	2105.522	SELECT GRANULAR BORROW (CV), SPEC 3149.2B	8527	CY	\$ 8.76	\$ 74,696.52	\$ 8.00	\$ 68,216.00	\$ 9.00	\$ 76,743.00
9	2105.604	GEOTEXTILE FOR ROAD STABILIZATION; MnDOT TYPE V	300	SY	\$ 3.87	\$ 1,161.00	\$ 1.80	\$ 540.00	\$ 2.00	\$ 600.00
10	2106.607	SUBGRADE CORRECTION	100	CY	\$ 19.94	\$ 1,994.00	\$ 12.24	\$ 1,224.00	\$ 8.00	\$ 800.00
11	2112.501	SUBGRADE PREPARATION (ROADWAY)	65	RS	\$ 142.95	\$ 9,291.75	\$ 50.00	\$ 3,250.00	\$ 125.00	\$ 8,125.00
12	2211.501	CL.5 AGGREGATE BASE	7534	TN	\$ 11.28	\$ 84,983.52	\$ 11.30	\$ 85,134.20	\$ 10.00	\$ 75,340.00
13	2357.502	BITUMINOUS MATERIAL FOR TACK COAT	1044	GA	\$ 2.24	\$ 2,338.56	\$ 2.25	\$ 2,349.00	\$ 2.25	\$ 2,349.00
14	2360.501	SPWEA240B BITUMINOUS WEARING COURSE (STREETS)	1867	TN	\$ 57.39	\$ 107,147.13	\$ 54.85	\$ 102,404.95	\$ 54.85	\$ 102,404.95
15	2360.501	SPWEA240B BITUMINOUS WEARING COURSE (DRIVES)	115	TN	\$ 90.17	\$ 10,369.55	\$ 90.45	\$ 10,401.75	\$ 90.45	\$ 10,401.75
16	2360.502	SPNWB230B BITUMINOUS NON-WEARING COURSE (STREETS)	3111	TN	\$ 55.32	\$ 172,100.52	\$ 54.80	\$ 170,482.80	\$ 54.80	\$ 170,482.80
17	2502.501	4" PRECAST CONCRETE HEADWALL	6	EA	\$ 232.96	\$ 1,397.76	\$ 150.00	\$ 900.00	\$ 300.00	\$ 1,800.00
18	2502.541	4" PERFORATED PVC EDGE DRAIN W/BACKFILL & WRAP	6083	LF	\$ 3.62	\$ 22,020.46	\$ 6.00	\$ 36,498.00	\$ 5.75	\$ 34,977.25
19	2502.602	DRAINTILE CLEANOUT (INCL. PIPE, FITTINGS, & STEEL CAP)	26	EA	\$ 201.19	\$ 5,230.94	\$ 80.00	\$ 2,080.00	\$ 300.00	\$ 7,800.00
20	2502.602	DRAINTILE CONNECTION INTO CATCH BASIN	10	EA	\$ 132.36	\$ 1,323.60	\$ 25.00	\$ 250.00	\$ 100.00	\$ 1,000.00
21	2531.501	B418 CONCRETE CURB & GUTTER	12650	LF	\$ 8.63	\$ 109,169.50	\$ 8.10	\$ 102,465.00	\$ 8.15	\$ 103,097.50
22	2531.602	CONCRETE PEDESTRIAN RAMP	1	EA	\$ 402.38	\$ 402.38	\$ 300.00	\$ 300.00	\$ 380.00	\$ 380.00
23	2531.602	CONCRETE CURB CUT	38	EA	\$ 29.65	\$ 1,126.70	\$ 5.00	\$ 190.00	\$ 28.00	\$ 1,064.00
24	2531.602	6" CONCRETE FLUME	82	SY	\$ 40.03	\$ 3,282.46	\$ 43.50	\$ 3,567.00	\$ 37.80	\$ 3,099.60
25	2531.618	CAST IRON TRUNCATED DOME PANELS	8	SF	\$ 47.65	\$ 381.20	\$ 35.00	\$ 280.00	\$ 45.00	\$ 360.00
26	2540.602	INSTALL SALVAGED MAILBOX	20	EA	\$ 39.18	\$ 783.60	\$ 37.00	\$ 740.00	\$ 75.00	\$ 1,500.00
27	2554.602	PERMANENT BARRICADE	1	EA	\$ 264.72	\$ 264.72	\$ 250.00	\$ 250.00	\$ 250.00	\$ 250.00
28	2564.531	INSTALL SIGN PANELS, TYPE C (INCLUDING POSTS & ASSEMBLY)	18	EA	\$ 52.95	\$ 953.10	\$ 50.00	\$ 900.00	\$ 50.00	\$ 900.00
29	2564.531	INSTALL SALVAGED SIGN	9	EA	\$ 52.94	\$ 476.46	\$ 50.00	\$ 450.00	\$ 50.00	\$ 450.00
30	2564.533	FURNISH SIGN PANELS, TYPE C	117.00	SF	\$ 24.35	\$ 2,848.95	\$ 23.00	\$ 2,691.00	\$ 23.00	\$ 2,691.00
31	2582.502	4" SOLID DOUBLE LINE YELLOW - EPOXY	4720	LF	\$ 0.64	\$ 3,020.80	\$ 0.60	\$ 2,832.00	\$ 0.56	\$ 2,643.20
32	2582.502	4" SOLID LINE WHITE - EPOXY	12240	LF	\$ 0.33	\$ 4,039.20	\$ 0.31	\$ 3,794.40	\$ 0.28	\$ 3,427.20
33	2582.502	4" SOLID LINE YELLOW - EPOXY	755	LF	\$ 0.32	\$ 241.60	\$ 0.30	\$ 226.50	\$ 0.28	\$ 211.40
34	2582.502	4" BROKEN LINE YELLOW - EXPOXY	1265	LF	\$ 0.60	\$ 759.00	\$ 0.06	\$ 75.90	\$ 0.26	\$ 328.90
35	2582.502	24" SOLID LINE YELLOW - EPOXY	25	LF	\$ 14.82	\$ 370.50	\$ 14.00	\$ 350.00	\$ 10.00	\$ 250.00
		SUBTOTAL				\$ 792,517.06	*	\$ 860,381.48		\$ 777,232.55
		TOTAL BASE BID				\$ 1,632,317.68	*	\$ 1,637,750.22		\$ 1,649,526.15

KEATS AVENUE MSA STREET AND WATERMAIN IMPROVEMENTS
 CITY OF LAKE ELMO, MINNESOTA
 TKDA PROJECT NO. 15230.000
 MUNICIPAL STATE AID PROJECT NUMBER 206-105-002
 BIDS OPENED: APRIL 9, 2013, AT 2:00 PM



501.262.8820
 tkda.com

***DENOTES ERROR IN BIDDERS CALCULATION**

***DENOTES ERROR IN BIDDERS CALCULATION**

ITEM NO.	MN/DOT NO.	DESCRIPTION	QUANTITY	UNIT	HARDRIVES, INC		REDSTONE CONSTRUCTION		MILLER EXCAVATING		
					UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	
		ALTERNATE NO. 1									
1	2504.602	DEDUCT 12" WATERMAIN OFFSET	2	EA	\$ (3,917.93)	\$ (7,835.86)	\$ (3,650.00)	\$ (7,300.00)	\$ (3,500.00)	\$ (7,000.00)	
2	2504.602	16" WATERMAIN OFFSET	2	EA	\$ 6,882.85	\$ 13,765.70	\$ 6,460.00	\$ 12,920.00	\$ 4,845.00	\$ 9,690.00	
3	2504.602	DEDUCT 12" GATE VALVE & BOX	13	EA	\$ (2,890.80)	\$ (37,580.40)	\$ (3,240.00)	\$ (42,120.00)	\$ (3,390.00)	\$ (44,070.00)	*
4	2504.602	16" BUTTERFLY VALVE	13	EA	\$ 3,282.59	\$ 42,673.67	\$ 3,130.00	\$ 40,690.00	\$ 3,865.00	\$ 50,245.00	*
5	2504.603	DEDUCT 12" DIP CL. 52 WATERMAIN	5915	LF	\$ (45.53)	\$ (269,309.95)	\$ (46.70)	\$ (276,230.50)	\$ (50.25)	\$ (297,228.75)	*
6	2504.603	16" DIP CL. 52 WATERMAIN	5915	LF	\$ 61.42	\$ 363,299.30	\$ 63.60	\$ 376,194.00	\$ 61.00	\$ 360,815.00	*
7	2504.603	DEDUCT 12" HDPE DR. 11(DIPS), BY HDD	2435	LF	\$ (60.36)	\$ (146,976.60)	\$ (56.00)	\$ (136,360.00)	\$ (53.65)	\$ (130,637.75)	
8	2504.603	16" HDPE DR. 11(DIPS), BY HDD	2435	LF	\$ 84.71	\$ 206,268.85	\$ 90.00	\$ 219,150.00	\$ 77.95	\$ 189,808.25	
9	2504.608	DEDUCT 12" MJ DIP COMPACT FITTINGS	3200	EA	\$ (4.87)	\$ (15,584.00)	\$ (4.85)	\$ (15,520.00)	\$ (4.75)	\$ (15,200.00)	
10	2504.608	16" MJ DIP COMPACT FITTINGS	5438	EA	\$ 6.14	\$ 33,389.32	\$ 4.95	\$ 26,918.10	\$ 5.75	\$ 31,268.50	
		SUBTOTAL				\$ 182,110.03		\$ 198,341.60		\$ 147,690.25	*
		GRAND TOTAL WITH ALTERNATE NO. 1				\$ 1,814,427.71	*	\$ 1,836,091.82		\$ 1,797,216.40	*

TABULATION OF BIDS

KEATS AVENUE MSA STREET AND WATERMAIN IMPROVEMENTS
CITY OF LAKE ELMO, MINNESOTA
TKDA PROJECT NO. 15230.000
MUNICIPAL STATE AID PROJECT NUMBER 206-105-002
BIDS OPENED: APRIL 9, 2013, AT 2:00 PM



*DENOTES ERROR IN BIDDERS CALCULATION

*DENOTES ERROR IN BIDDERS CALCULATION

ITEM NO.	MN/DOT NO.	DESCRIPTION	QUANTITY	UNIT	UNIT PRICE	TOTAL AMOUNT	DRESEL CONTRACTING UNIT PRICE	TOTAL AMOUNT	R. L. LARSON EXCAVATING UNIT PRICE	TOTAL AMOUNT
DIVISION 1 - GENERAL										
1	2021.501	MOBILIZATION	1.00	LS	\$ 87,000.00	\$ 87,000.00	\$ 130,000.00	\$ 130,000.00	\$ 100,000.00	\$ 100,000.00
2	2101.502	CLEARING	1	TREE	\$ 500.00	\$ 500.00	\$ 100.00	\$ 100.00	\$ 150.00	\$ 150.00
3	2101.507	GRUBBING	1	TREE	\$ 500.00	\$ 500.00	\$ 100.00	\$ 100.00	\$ 150.00	\$ 150.00
4	2105.525	TOPSOIL BORROW (CV)	2744	CY	\$ 0.01	\$ 27.44	\$ 25.00	\$ 68,600.00	\$ 24.00	\$ 65,856.00
5	2453.610	EXPLORATORY DIGGING	8	HR	\$ 285.00	\$ 2,280.00	\$ 165.00	\$ 1,320.00	\$ 600.00	\$ 4,800.00
6	2563.601	TRAFFIC CONTROL	1.00	LS	\$ 4,200.00	\$ 4,200.00	\$ 5,000.00	\$ 5,000.00	\$ 7,600.00	\$ 7,600.00
7	2573.502	SILT FENCE	5880	LF	\$ 1.85	\$ 10,878.00	\$ 1.75	\$ 10,290.00	\$ 1.75	\$ 10,290.00
8	2573.530	INLET PROTECTION	9	EA	\$ 100.00	\$ 900.00	\$ 100.00	\$ 900.00	\$ 100.00	\$ 900.00
9	2573.602	TEMPORARY ROCK CONSTRUCTION ENTRANCE	2	EA	\$ 950.00	\$ 1,900.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00
10	2573.602	CULVERT PROTECTION	14	EA	\$ 95.00	\$ 1,330.00	\$ 90.00	\$ 1,260.00	\$ 100.00	\$ 1,400.00
11	2575.505	SODDING (SALT RESISTANT)	213	SY	\$ 10.00	\$ 2,130.00	\$ 9.25	\$ 1,970.25	\$ 9.50	\$ 2,023.50
12	2575.523	EROSION CONTROL BLANKET, CAT. 3	16465	SY	\$ 1.05	\$ 17,288.25	\$ 1.10	\$ 18,111.50	\$ 1.00	\$ 16,465.00
13	2575.605	SEEDING (SEED MIXTURE 250 AND FERTILIZER TYPE, 3)	3.36	AC	\$ 560.00	\$ 1,881.60	\$ 600.00	\$ 2,016.00	\$ 525.00	\$ 1,764.00
14	2575.605	SEEDING (SEED MIXTURE 328 AND FERTILIZER TYPE, 4)	0.23	AC	\$ 1,600.00	\$ 368.00	\$ 1,600.00	\$ 368.00	\$ 1,500.00	\$ 345.00
		SUBTOTAL				\$ 131,183.29		\$ 241,035.75		\$ 213,743.50
DIVISION 2 - WATERMAIN										
1	2504.602	12" WATERMAIN OFFSET	2	EA	\$ 3,200.00	\$ 6,400.00	\$ 3,450.00	\$ 6,900.00	\$ 6,000.00	\$ 12,000.00
2	2504.602	CONNECT TO EXISTING WATERMAIN	2	EA	\$ 2,000.00	\$ 4,000.00	\$ 950.00	\$ 1,900.00	\$ 1,000.00	\$ 2,000.00
3	2504.602	6" HYDRANT	13	EA	\$ 4,200.00	\$ 54,600.00	\$ 3,500.00	\$ 45,500.00	\$ 4,000.00	\$ 52,000.00
4	2504.602	6" GATE VALVE & BOX	13	EA	\$ 1,140.00	\$ 14,820.00	\$ 1,625.00	\$ 21,125.00	\$ 1,100.00	\$ 14,300.00
5	2504.602	8" GATE VAVLE & BOX	3	EA	\$ 1,665.00	\$ 4,995.00	\$ 1,925.00	\$ 5,775.00	\$ 1,500.00	\$ 4,500.00
6	2504.602	12" GATE VAVLE & BOX	15	EA	\$ 3,000.00	\$ 45,000.00	\$ 3,500.00	\$ 52,500.00	\$ 2,750.00	\$ 41,250.00
7	2504.602	1" CORPORATION STOP	3	EA	\$ 173.00	\$ 519.00	\$ 225.00	\$ 675.00	\$ 100.00	\$ 300.00
8	2504.602	1.5" CORPORATION STOP	18	EA	\$ 363.00	\$ 6,534.00	\$ 425.00	\$ 7,650.00	\$ 250.00	\$ 4,500.00
9	2504.602	2" CORPORATION STOP	1	EA	\$ 512.00	\$ 512.00	\$ 550.00	\$ 550.00	\$ 350.00	\$ 350.00
10	2504.602	1" CURB STOP AND BOX	3	EA	\$ 267.00	\$ 801.00	\$ 250.00	\$ 750.00	\$ 200.00	\$ 600.00
11	2504.602	1.5" CURB STOP AND BOX	18	EA	\$ 405.00	\$ 7,290.00	\$ 350.00	\$ 6,300.00	\$ 300.00	\$ 5,400.00
12	2504.602	2" CURB STOP AND BOX	1	EA	\$ 570.00	\$ 570.00	\$ 500.00	\$ 500.00	\$ 500.00	\$ 500.00
13	2504.603	1" TYPE K COPPER WATER SERVICE PIPE	135	LF	\$ 25.00	\$ 3,375.00	\$ 14.00	\$ 1,890.00	\$ 18.00	\$ 2,430.00
14	2504.603	1.5" TYPE K COPPER WATER SERVICE PIPE	548	LF	\$ 29.00	\$ 15,892.00	\$ 18.00	\$ 9,864.00	\$ 24.50	\$ 13,426.00
15	2504.603	2" TYPE K COPPER WATER SERVICE PIPE	45	LF	\$ 35.00	\$ 1,575.00	\$ 22.00	\$ 990.00	\$ 32.00	\$ 1,440.00
16	2504.603	6" DIP CL. 52 WATERMAIN	303	LF	\$ 36.00	\$ 10,908.00	\$ 25.00	\$ 7,575.00	\$ 28.00	\$ 8,484.00
17	2504.603	8" DIP CL. 52 WATERMAIN	52	LF	\$ 52.00	\$ 2,704.00	\$ 30.00	\$ 1,560.00	\$ 34.50	\$ 1,794.00
18	2504.603	12" DIP CL. 52 WATERMAIN	5954	LF	\$ 48.00	\$ 285,792.00	\$ 40.00	\$ 238,160.00	\$ 42.00	\$ 250,068.00
19	2504.603	12" HDPE DR. 11(DIPS), BY HDD	2435	LF	\$ 54.00	\$ 131,490.00	\$ 53.00	\$ 129,055.00	\$ 52.00	\$ 126,620.00
20	2504.608	MJ DIP COMPACT FITTINGS	4294	LBS	\$ 7.80	\$ 33,493.20	\$ 3.85	\$ 16,531.90	\$ 4.50	\$ 19,323.00
21	2564.551	OFF ROAD STRUCTURE MARKER	2	EA	\$ 37.00	\$ 74.00	\$ 80.00	\$ 160.00	\$ 100.00	\$ 200.00
		SUBTOTAL				\$ 631,344.20		\$ 555,910.90		\$ 561,485.00
DIVISION 3 - STORM SEWER										
1	2104.501	REMOVE PIPE CULVERTS (ALL TYPES & SIZES)	1016	LF	\$ 3.60	\$ 3,657.60	\$ 10.00	\$ 10,160.00	\$ 6.00	\$ 6,096.00
2	2104.521	SALVAGE CONCRETE PIPE CULVERT (ALL TYPES & SIZES)	85	LF	\$ 10.30	\$ 875.50	\$ 20.00	\$ 1,700.00	\$ 10.00	\$ 850.00
3	2501.515	15" RCP FES W/ TRASH GUARD	4	EA	\$ 667.00	\$ 2,668.00	\$ 650.00	\$ 2,600.00	\$ 700.00	\$ 2,800.00
4	2501.515	18" RCP FES W/ TRASH GUARD	4	EA	\$ 713.00	\$ 2,852.00	\$ 850.00	\$ 3,400.00	\$ 800.00	\$ 3,200.00
5	2501.515	21" RCP FES W/ TRASH GUARD	6	EA	\$ 778.00	\$ 4,668.00	\$ 900.00	\$ 5,400.00	\$ 1,000.00	\$ 6,000.00
6	2501.521	22" SPAN RCP CL. 5 STORM SEWER PIPE	47	LF	\$ 52.00	\$ 2,444.00	\$ 55.00	\$ 2,585.00	\$ 46.00	\$ 2,162.00
7	2501.521	28" SPAN RCP CL. 5 STORM SEWER PIPE	49	LF	\$ 64.00	\$ 3,136.00	\$ 75.00	\$ 3,675.00	\$ 56.00	\$ 2,744.00
8	2501.521	36" SPAN RCP CL. 5 STORM SEWER PIPE	60	LF	\$ 80.00	\$ 4,800.00	\$ 100.00	\$ 6,000.00	\$ 80.00	\$ 4,800.00

KEATS AVENUE MSA STREET AND WATERMAIN IMPROVEMENTS
CITY OF LAKE ELMO, MINNESOTA
TKDA PROJECT NO. 15230.000
MUNICIPAL STATE AID PROJECT NUMBER 206-105-002
BIDS OPENED: APRIL 9, 2013, AT 2:00 PM



*DENOTES ERROR IN BIDDERS CALCULATION

*DENOTES ERROR IN BIDDERS CALCULATION

ITEM NO.	MN/DOT NO.	DESCRIPTION	QUANTITY	UNIT	MINGER CONSTRUCTION		DRESEL CONTRACTING		R. L. LARSON EXCAVATING	
					UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
9	2501.525	22" SPAN RCP FES W/ TRASH GUARD	2	EA	\$ 787.00	\$ 1,574.00	\$ 500.00	\$ 1,000.00	\$ 700.00	\$ 1,400.00
10	2501.525	28" SPAN RCP FES W/ TRASH GUARD	2	EA	\$ 840.00	\$ 1,680.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00	\$ 2,000.00
11	2501.525	36" SPAN RCP FES W/ TRASH GUARD	2	EA	\$ 1,100.00	\$ 2,200.00	\$ 725.00	\$ 1,450.00	\$ 1,400.00	\$ 2,800.00
12	2501.571	INSTALL SALAVAGED CONCRETE PIPE CULVERT (ALL TYPES & SIZES)	85	LF	\$ 21.00	\$ 1,785.00	\$ 25.00	\$ 2,125.00	\$ 20.00	\$ 1,700.00
13	2502.521	15" CMP DRIVEWAY CULVERT W/ APRON	326	LF	\$ 38.00	\$ 12,388.00	\$ 22.00	\$ 7,172.00	\$ 38.00	\$ 12,388.00
14	2502.521	18" CMP DRIVEWAY CULVERT W/ APRON	120	LF	\$ 41.00	\$ 4,920.00	\$ 30.00	\$ 3,600.00	\$ 40.00	\$ 4,800.00
15	2503.511	15" RCP CL. 5 STORM SEWER PIPE	126	LF	\$ 32.00	\$ 4,032.00	\$ 22.00	\$ 2,772.00	\$ 32.00	\$ 4,032.00
16	2503.511	18" RCP CL. 5 STORM SEWER PIPE	61	LF	\$ 34.00	\$ 2,074.00	\$ 30.00	\$ 1,830.00	\$ 34.00	\$ 2,074.00
17	2503.511	21" RCP CL. 5 STORM SEWER PIPE	226	LF	\$ 38.00	\$ 8,588.00	\$ 32.00	\$ 7,232.00	\$ 38.00	\$ 8,588.00
18	2506.502	48" DIAMETER MANHOLE, TYPE 406S	6	EA	\$ 1,975.00	\$ 11,850.00	\$ 2,250.00	\$ 13,500.00	\$ 2,400.00	\$ 14,400.00
19	2506.601	INFILTRATION BASIN	6	EA	\$ 930.00	\$ 5,580.00	\$ 4,500.00	\$ 27,000.00	\$ 2,000.00	\$ 12,000.00
20	2511.501	CL. 3 RIPRAP W/ GEOTEXTILE FILTER FABRIC	94.2	CY	\$ 74.00	\$ 6,970.80	\$ 125.00	\$ 11,775.00	\$ 62.00	\$ 5,840.40
21	2511.501	CL. 4 RIPRAP W/ GEOTEXTILE FILTER FABRIC	16.2	CY	\$ 80.00	\$ 1,296.00	\$ 165.00	\$ 2,673.00	\$ 62.00	\$ 1,004.40
		SUBTOTAL				\$ 90,038.90		\$ 118,649.00		\$ 101,678.80
		DIVISION 4 - STREETS & RESTORATION								
1	2104.501	REMOVE & DISPOSE OF EXIST. CONCRETE CURB & GUTTER	213	LF	\$ 3.00	\$ 639.00	\$ 3.00	\$ 639.00	\$ 4.00	\$ 852.00
2	2104.501	REMOVE & DISPOSE OF EXIST. FLUME (ALL TYPES)	6	EA	\$ 60.00	\$ 360.00	\$ 100.00	\$ 600.00	\$ 200.00	\$ 1,200.00
3	2104.505	REMOVE & DISPOSE OF EXIST. BITUMINOUS PAVEMENT	19710	SY	\$ 2.00	\$ 39,420.00	\$ 2.00	\$ 39,420.00	\$ 2.50	\$ 49,275.00
4	2104.509	REMOVE SIGN	18	EA	\$ 28.00	\$ 504.00	\$ 25.00	\$ 450.00	\$ 50.00	\$ 900.00
5	2104.523	SALVAGE MAILBOX	20	EA	\$ 45.00	\$ 900.00	\$ 40.00	\$ 800.00	\$ 25.00	\$ 500.00
6	2104.523	SALVAGE POST & SIGN	9	EA	\$ 28.00	\$ 252.00	\$ 30.00	\$ 270.00	\$ 50.00	\$ 450.00
7	2105.501	COMMON EXCAVATION (P)	19252	CY	\$ 7.00	\$ 134,764.00	\$ 7.00	\$ 134,764.00	\$ 7.50	\$ 144,390.00
8	2105.522	SELECT GRANULAR BORROW (CV), SPEC 3149.2B	8527	CY	\$ 12.50	\$ 106,587.50	\$ 9.50	\$ 81,006.50	\$ 16.00	\$ 136,432.00
9	2105.604	GEOTEXTILE FOR ROAD STABILIZATION; MnDOT TYPE V	300	SY	\$ 2.00	\$ 600.00	\$ 2.00	\$ 600.00	\$ 4.00	\$ 1,200.00
10	2106.607	SUBGRADE CORRECTION	100	CY	\$ 20.00	\$ 2,000.00	\$ 15.00	\$ 1,500.00	\$ 15.00	\$ 1,500.00
11	2112.501	SUBGRADE PREPARATION (ROADWAY)	65	RS	\$ 175.00	\$ 11,375.00	\$ 100.00	\$ 6,500.00	\$ 100.00	\$ 6,500.00
12	2211.501	CL.5 AGGREGATE BASE	7534	TN	\$ 11.75	\$ 88,524.50	\$ 12.00	\$ 90,408.00	\$ 15.50	\$ 116,777.00
13	2357.502	BITUMINOUS MATERIAL FOR TACK COAT	1044	GA	\$ 2.50	\$ 2,610.00	\$ 2.35	\$ 2,453.40	\$ 2.50	\$ 2,610.00
14	2360.501	SPWEA240B BITUMINOUS WEARING COURSE (STREETS)	1867	TN	\$ 60.00	\$ 112,020.00	\$ 55.00	\$ 102,685.00	\$ 57.50	\$ 107,352.50
15	2360.501	SPWEA240B BITUMINOUS WEARING COURSE (DRIVES)	115	TN	\$ 100.00	\$ 11,500.00	\$ 92.00	\$ 10,580.00	\$ 95.00	\$ 10,925.00
16	2360.502	SPNWB230B BITUMINOUS NON-WEARING COURSE (STREETS)	3111	TN	\$ 60.00	\$ 186,660.00	\$ 55.00	\$ 171,105.00	\$ 57.50	\$ 178,882.50
17	2502.501	4" PRECAST CONCRETE HEADWALL	6	EA	\$ 230.00	\$ 1,380.00	\$ 150.00	\$ 900.00	\$ 200.00	\$ 1,200.00
18	2502.541	4" PERFORATED PVC EDGE DRAIN W/BACKFILL & WRAP	6083	LF	\$ 6.40	\$ 38,931.20	\$ 10.00	\$ 60,830.00	\$ 8.00	\$ 48,664.00
19	2502.602	DRAINTILE CLEANOUT (INCL. PIPE, FITTINGS, & STEEL CAP)	26	EA	\$ 120.00	\$ 3,120.00	\$ 60.00	\$ 1,560.00	\$ 250.00	\$ 6,500.00
20	2502.602	DRAINTILE CONNECTION INTO CATCH BASIN	10	EA	\$ 170.00	\$ 1,700.00	\$ 100.00	\$ 1,000.00	\$ 250.00	\$ 2,500.00
21	2531.501	B418 CONCRETE CURB & GUTTER	12650	LF	\$ 8.90	\$ 112,585.00	\$ 8.25	\$ 104,362.50	\$ 8.75	\$ 110,687.50
22	2531.602	CONCRETE PEDESTRIAN RAMP	1	EA	\$ 330.00	\$ 330.00	\$ 400.00	\$ 400.00	\$ 500.00	\$ 500.00
23	2531.602	CONCRETE CURB CUT	38	EA	\$ 55.00	\$ 2,090.00	\$ 30.00	\$ 1,140.00	\$ 6.00	\$ 228.00
24	2531.602	6" CONCRETE FLUME	82	SY	\$ 48.00	\$ 3,936.00	\$ 39.00	\$ 3,198.00	\$ 42.00	\$ 3,444.00
25	2531.618	CAST IRON TRUNCATED DOME PANELS	8	SF	\$ 38.00	\$ 304.00	\$ 47.00	\$ 376.00	\$ 40.00	\$ 320.00
26	2540.602	INSTALL SALVAGED MAILBOX	20	EA	\$ 80.00	\$ 1,600.00	\$ 80.00	\$ 1,600.00	\$ 40.00	\$ 800.00
27	2554.602	PERMANENT BARRICADE	1	EA	\$ 275.00	\$ 275.00	\$ 260.00	\$ 260.00	\$ 250.00	\$ 250.00
28	2564.531	INSTALL SIGN PANELS, TYPE C (INCLUDING POSTS & ASSEMBLY)	18	EA	\$ 55.00	\$ 990.00	\$ 65.00	\$ 1,170.00	\$ 125.00	\$ 2,250.00
29	2564.531	INSTALL SALVAGED SIGN	9	EA	\$ 55.00	\$ 495.00	\$ 60.00	\$ 540.00	\$ 100.00	\$ 900.00
30	2564.533	FURNISH SIGN PANELS, TYPE C	117.00	SF	\$ 25.00	\$ 2,925.00	\$ 25.00	\$ 2,925.00	\$ 16.00	\$ 1,872.00
31	2582.502	4" SOLID DOUBLE LINE YELLOW - EPOXY	4720	LF	\$ 0.50	\$ 2,360.00	\$ 0.45	\$ 2,124.00	\$ 0.65	\$ 3,068.00
32	2582.502	4" SOLID LINE WHITE - EPOXY	12240	LF	\$ 0.25	\$ 3,060.00	\$ 0.22	\$ 2,692.80	\$ 0.35	\$ 4,284.00
33	2582.502	4" SOLID LINE YELLOW - EPOXY	755	LF	\$ 0.25	\$ 188.75	\$ 0.23	\$ 173.65	\$ 0.35	\$ 264.25
34	2582.502	4" BROKEN LINE YELLOW - EXPOXY	1265	LF	\$ 0.25	\$ 316.25	\$ 0.23	\$ 290.95	\$ 0.10	\$ 126.50
35	2582.502	24" SOLID LINE YELLOW - EPOXY	25	LF	\$ 4.80	\$ 120.00	\$ 5.00	\$ 125.00	\$ 16.00	\$ 400.00
		SUBTOTAL				\$ 875,422.20		\$ 829,448.80		\$ 948,004.25
		TOTAL BASE BID				\$ 1,727,988.59		\$ 1,745,044.45		\$ 1,824,911.55

KEATS AVENUE MSA STREET AND WATERMAIN IMPROVEMENTS
 CITY OF LAKE ELMO, MINNESOTA
 TKDA PROJECT NO. 15230.000
 MUNICIPAL STATE AID PROJECT NUMBER 206-105-002
 BIDS OPENED: APRIL 9, 2013, AT 2:00 PM



***DENOTES ERROR IN BIDDERS CALCULATION**

***DENOTES ERROR IN BIDDERS CALCULATION**

ITEM NO.	MN/DOT NO.	DESCRIPTION	QUANTITY	UNIT	MINGER CONSTRUCTION		DRESEL CONTRACTING		R. L. LARSON EXCAVATING	
					UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT	UNIT PRICE	TOTAL AMOUNT
		ALTERNATE NO. 1								
1	2504.602	DEDUCT 12" WATERMAIN OFFSET	2	EA	\$ (3,200.00)	\$ (6,400.00)	\$ (3,450.00)	\$ (6,900.00)	\$ (6,000.00)	\$ (12,000.00)
2	2504.602	16" WATERMAIN OFFSET	2	EA	\$ 4,500.00	\$ 9,000.00	\$ 5,000.00	\$ 10,000.00	\$ 8,500.00	\$ 17,000.00
3	2504.602	DEDUCT 12" GATE VALVE & BOX	13	EA	\$ (3,001.33)	\$ (39,017.29)	\$ (3,500.00)	\$ (45,500.00)	\$ (2,750.00)	\$ (35,750.00)
4	2504.602	16" BUTTERFLY VALVE	13	EA	\$ 2,952.38	\$ 38,380.94	\$ 5,250.00	\$ 68,250.00	\$ 2,750.00	\$ 35,750.00
5	2504.603	DEDUCT 12" DIP CL. 52 WATERMAIN	5915	LF	\$ (48.00)	\$ (283,920.00)	\$ (40.00)	\$ (236,600.00)	\$ (42.00)	\$ (248,430.00)
6	2504.603	16" DIP CL. 52 WATERMAIN	5915	LF	\$ 61.50	\$ 363,772.50	\$ 56.00	\$ 331,240.00	\$ 56.00	\$ 331,240.00
7	2504.603	DEDUCT 12" HDPE DR. 11(DIPS), BY HDD	2435	LF	\$ (54.00)	\$ (131,490.00)	\$ (53.00)	\$ (129,055.00)	\$ (52.00)	\$ (126,620.00)
8	2504.603	16" HDPE DR. 11(DIPS), BY HDD	2435	LF	\$ 82.00	\$ 199,670.00	\$ 73.00	\$ 177,755.00	\$ 85.00	\$ 206,975.00
9	2504.608	DEDUCT 12" MJ DIP COMPACT FITTINGS	3200	EA	\$ (7.80)	\$ (24,960.00)	\$ (3.85)	\$ (12,320.00)	\$ (4.50)	\$ (14,400.00)
10	2504.608	16" MJ DIP COMPACT FITTINGS	5438	EA	\$ 6.75	\$ 36,706.50	\$ 4.50	\$ 24,471.00	\$ 5.50	\$ 29,909.00
		SUBTOTAL				\$ 161,742.65		\$ 181,341.00		\$ 183,674.00
		GRAND TOTAL WITH ALTERNATE NO. 1				\$ 1,889,731.24		\$ 1,926,385.45		\$ 2,008,585.55