

BID AWARD SUMMARY

LETTING DATE: JUNE 13, 2023

PROJECT: 143RD Avenue and Country Road Trunk Sewer Extension
Project No. 22-2694 / CIP No. 51220

RECOMMENDATION: Award Total Bid including all Bid Schedules in the amount of \$8,963,767.67 to Mainline Contracting, Inc. at the July 3, 2023 Council Meeting.

BIDDERS' SUMMARY

<u>CONTRACTORS</u>	<u>TOTAL BID</u>
Mainline Contracting Inc.	\$8,963,767.67

City staff recommends awarding this project to Mainline Contracting Inc. for the total bid amount including all Bid Schedules of \$8,963,767.67 based on unit pricing with the following appropriation:

FUNDING SOURCE	TOTAL	Waste Water Enterprise	Waste Water Enterprise	Streets	ARPA
ADVERTISING AUTHORITY	\$7,800,000.00	\$1,596,500.00	\$1,596,500.00	\$350,000.00	\$4,257,000.00
ENGINEER'S ESTIMATE	\$8,076,000.00				

APPROPRIATION DATA:

FUNDING SOURCE	TOTAL	Waste Water Enterprise	Waste Water Enterprise	Streets	ARPA
COST CENTER		833	834	8910	0116
LINE ITEM		4380	4380	4370	4390
FUNDING CENTER		604	602	505	1020
BID AMOUNT	\$8,963,767.67	\$810,165.32	\$810,165.32	\$345,302.20	\$6,998,134.83

PROJECT MANAGER:


Nicole Lecy, PE
City of Rapid City

DATE:

6/23/2023

PROJECT NAME: 143RD AVENUE AND COUNTRY ROAD TRUNK SEWER EXTENSION

PROJECT NUMBER: 22-2694 / CIP NUMBER 51220

LET DATE: JUNE 13, 2023

LOW BID AMOUNT: \$8,963,767.67

ITEM NO.	STD. BID ITEM NO.	DESCRIPTION OF ITEM	UNIT	QTY (EST)	ENGINEER'S ESTIMATE		MAINLINE CONTRACTING INC.	
					UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
SCHEDULE 1 - GRAVITY SEWER CONSTRUCTION								
Sch1-1		Mobilization	LS	1	\$650,000.00	\$650,000.00	\$525,000.00	\$525,000.00
Sch1-2		Incidental	LS	1	\$299,570.00	\$299,570.00	\$700,000.00	\$700,000.00
Sch1-3		Construction Staking	LS	1	\$100,000.00	\$100,000.00	\$61,000.00	\$61,000.00
Sch1-4		Reset Property Corner	EA	3	\$225.00	\$675.00	\$200.00	\$600.00
Sch1-5		Clear & Grub Tree, 6" or Larger	EA	16	\$1,000.00	\$16,000.00	\$1,000.00	\$16,000.00
Sch1-6		Clearing & Grubbing	LS	1	\$7,500.00	\$7,500.00	\$31,500.00	\$31,500.00
Sch1-7		Remove Manhole	EA	1	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
Sch1-8		Remove Storm Sewer Main	LF	391	\$40.00	\$15,640.00	\$23.50	\$9,188.50
Sch1-9		Mill And Remove AC Pavement, 2"	SY	1311	\$5.00	\$6,555.00	\$12.00	\$15,732.00
Sch1-10		Remove AC Pavement	SY	18011	\$20.00	\$360,220.00	\$7.50	\$135,082.50
Sch1-11		Remove PCC Driveway Pavement	SY	45	\$25.00	\$1,125.00	\$30.00	\$1,350.00
Sch1-12		Remove Barbed Wire Fence	LF	320	\$3.00	\$960.00	\$6.50	\$2,080.00
Sch1-13		Remove & Reset Mailbox	EA	10	\$350.00	\$3,500.00	\$500.00	\$5,000.00
Sch1-14		Remove & Reset Sign	EA	11	\$150.00	\$1,650.00	\$300.00	\$3,300.00
Sch1-15		Remove Object Marker	EA	10	\$15.00	\$150.00	\$0.00	\$0.00
Sch1-16		Remove Sign	EA	3	\$15.00	\$45.00	\$100.00	\$300.00
Sch1-17		Excavation, Unclassified	CY	17,308	\$20.00	\$346,160.00	\$14.50	\$250,966.00
Sch1-18		Unclassified Excavation, Digouts	CY	100	\$65.00	\$6,500.00	\$125.00	\$12,500.00
Sch1-19		Undercut	CY	9,972	\$20.00	\$199,440.00	\$7.80	\$77,781.60
Sch1-20		Controlled Low Strength Backfill Material (Trench)	CY	50	\$250.00	\$12,500.00	\$250.00	\$12,500.00

Sch1-21	Topsoil, Place	CY	5,800	\$20.00	\$116,000.00	\$24.00	\$139,200.00
Sch1-22	Road Ditch Seed Mix	LB	690	\$12.00	\$8,280.00	\$14.00	\$9,660.00
Sch1-23	Fertilizer	LB	1,582	\$2.50	\$3,955.00	\$3.50	\$5,537.00
Sch1-24	Mulch, Straw	T	16	\$750.00	\$12,000.00	\$550.00	\$8,800.00
Sch1-25	Pipeline Insulation	SF	1136	\$10.00	\$11,360.00	\$3.50	\$3,976.00
Sch1-26	Pipeline Encasement	LF	60	\$160.00	\$9,600.00	\$500.00	\$30,000.00
Sch1-27	Type I Bedding Material	T	200	\$60.00	\$12,000.00	\$45.00	\$9,000.00
Sch1-28	Type III Foundation Material	T	600	\$60.00	\$36,000.00	\$65.00	\$39,000.00
Sch1-29	Type IV Foundation Material	T	1016	\$65.00	\$66,040.00	\$65.00	\$66,040.00
Sch1-30	8" PVC Sewer Main (6'-8')	LF	36	\$150.00	\$5,400.00	\$95.00	\$3,420.00
Sch1-31	8" PVC Sewer Main (8'-10')	LF	13	\$115.00	\$1,495.00	\$100.00	\$1,300.00
Sch1-32	8" PVC Sewer Main (10'-12')	LF	14	\$140.00	\$1,960.00	\$102.00	\$1,428.00
Sch1-33	8" PVC Sewer Main (16'-18')	LF	14	\$200.00	\$2,800.00	\$105.00	\$1,470.00
Sch1-34	8" PVC Sewer Main (18'-20')	LF	5	\$200.00	\$1,000.00	\$225.00	\$1,125.00
Sch1-35	12" PVC Sewer Main (6'-8')	LF	5	\$150.00	\$750.00	\$250.00	\$1,250.00
Sch1-36	12" PVC Sewer Main (24'-26')	LF	5	\$290.00	\$1,450.00	\$350.00	\$1,750.00
Sch1-37	15" PVC Sewer Main (12'-14')	LF	97	\$310.00	\$30,070.00	\$140.00	\$13,580.00
Sch1-38	24" PVC Sewer Main (0'-6')	LF	194	\$170.00	\$32,980.00	\$215.00	\$41,710.00
Sch1-39	24" PVC Sewer Main (6'-8')	LF	953	\$180.00	\$171,540.00	\$215.00	\$204,895.00
Sch1-40	24" PVC Sewer Main (8'-10')	LF	1,137	\$190.00	\$216,030.00	\$225.00	\$255,825.00
Sch1-41	24" PVC Sewer Main (10'-12')	LF	622	\$210.00	\$130,620.00	\$225.00	\$139,950.00
Sch1-42	24" PVC Sewer Main (12'-14')	LF	254	\$220.00	\$55,880.00	\$245.00	\$62,230.00
Sch1-43	24" PVC Sewer Main (14'-16')	LF	757	\$230.00	\$174,110.00	\$260.00	\$196,820.00
Sch1-44	24" PVC Sewer Main (16'-18')	LF	572	\$260.00	\$148,720.00	\$280.00	\$160,160.00
Sch1-45	24" PVC Sewer Main (18'-20')	LF	1,092	\$280.00	\$305,760.00	\$330.00	\$360,360.00
Sch1-46	24" PVC Sewer Main (20'-22')	LF	702	\$300.00	\$210,600.00	\$425.00	\$298,350.00
Sch1-47	24" PVC Sewer Main (22'-24')	LF	306	\$320.00	\$97,920.00	\$560.00	\$171,360.00
Sch1-48	24" PVC Sewer Main (24'-26')	LF	892	\$345.00	\$307,740.00	\$660.00	\$588,720.00

Sch1-49	24" PVC Sewer Main (26'-28')	LF	348	\$370.00	\$128,760.00	\$760.00	\$264,480.00
Sch1-50	4" PVC Sewer Service Line	LF	307	\$100.00	\$30,700.00	\$70.00	\$21,490.00
Sch1-51	Standard Manhole, 48"	EA	2	\$10,000.00	\$20,000.00	\$9,450.00	\$18,900.00
Sch1-52	Standard Manhole, 60"	EA	18	\$15,000.00	\$270,000.00	\$16,500.00	\$297,000.00
Sch1-53	Standard Manhole, 108"	EA	1	\$50,000.00	\$50,000.00	\$46,500.00	\$46,500.00
Sch1-54	Extra Manhole Depth, 48"	VF	140.8	\$675.00	\$95,040.00	\$1,200.00	\$168,960.00
Sch1-55	Extra Manhole Depth, 60"	VF	27.7	\$1,200.00	\$33,240.00	\$1,500.00	\$41,550.00
Sch1-56	24" X 15" Eccentric Reducer	EA	1	\$2,400.00	\$2,400.00	\$3,500.00	\$3,500.00
Sch1-57	15" 22.5 Deg Bend	EA	1	\$1,800.00	\$1,800.00	\$2,000.00	\$2,000.00
Sch1-58	8" PVC Sewer Cap, Gasketed	EA	6	\$100.00	\$600.00	\$800.00	\$4,800.00
Sch1-59	12" PVC Sewer Cap, Gasketed	EA	2	\$200.00	\$400.00	\$1,000.00	\$2,000.00
Sch1-60	Connect To Existing Sewer Main	EA	2	\$3,500.00	\$7,000.00	\$12,000.00	\$24,000.00
Sch1-61	Connect To Existing Manhole	EA	1	\$3,000.00	\$3,000.00	\$11,500.00	\$11,500.00
Sch1-62	Bypass Pumping	LS	1	\$20,000.00	\$20,000.00	\$16,500.00	\$16,500.00
Sch1-63	Video Inspection, Sanitary Sewer	LF	8018	\$3.00	\$24,054.00	\$3.00	\$24,054.00
Sch1-64	18" RCP, Class III	LF	74	\$150.00	\$11,100.00	\$150.00	\$11,100.00
Sch1-65	24" RCP, Class III	LF	16	\$165.00	\$2,640.00	\$225.00	\$3,600.00
Sch1-66	36" RCP, Class III	LF	40	\$185.00	\$7,400.00	\$275.00	\$11,000.00
Sch1-67	18" RCP, Class III, Arch	LF	48	\$175.00	\$8,400.00	\$195.00	\$9,360.00
Sch1-68	36" RCP, Class III, Arch	LF	64	\$250.00	\$16,000.00	\$335.00	\$21,440.00
Sch1-69	48" RCP, Class III, Arch	LF	32	\$550.00	\$17,600.00	\$470.00	\$15,040.00
Sch1-70	24" RCP Sloped End	EA	1	\$2,500.00	\$2,500.00	\$2,150.00	\$2,150.00
Sch1-71	36" RCP Sloped End	EA	2	\$3,000.00	\$6,000.00	\$3,200.00	\$6,400.00
Sch1-72	18" RCP Safety End, Arch	EA	2	\$2,000.00	\$4,000.00	\$2,000.00	\$4,000.00
Sch1-73	36" RCP Sloped End, Arch	EA	2	\$3,000.00	\$6,000.00	\$3,300.00	\$6,600.00
Sch1-74	48" RCP Flared End, Arch	EA	1	\$4,000.00	\$4,000.00	\$4,300.00	\$4,300.00
Sch1-75	18" RCP Safety End	EA	4	\$2,000.00	\$8,000.00	\$2,100.00	\$8,400.00
Sch1-76	Precast Double Box Culvert, 7' X 3'	LF	162	\$2,000.00	\$324,000.00	\$1,950.00	\$315,900.00

Sch1-77	Precast Double Box Culvert End Section, 7' X 3'	EA	6	\$15,000.00	\$90,000.00	\$14,000.00	\$84,000.00
Sch1-78	Box Culvert Undercut	CY	274	\$150.00	\$41,100.00	\$200.00	\$54,800.00
Sch1-79	Precast Concrete Headwall	EA	1	\$4,000.00	\$4,000.00	\$15,000.00	\$15,000.00
Sch1-80	18" CMP	LF	116	\$100.00	\$11,600.00	\$120.00	\$13,920.00
Sch1-81	36" CMP, 14 Gage	LF	14	\$250.00	\$3,500.00	\$200.00	\$2,800.00
Sch1-82	36" CMP Sloped End	EA	1	\$2,000.00	\$2,000.00	\$1,900.00	\$1,900.00
Sch1-83	18" CMP Sloped End	EA	4	\$1,000.00	\$4,000.00	\$1,150.00	\$4,600.00
Sch1-84	Connect To Existing Storm Sewer	EA	2	\$3,000.00	\$6,000.00	\$3,150.00	\$6,300.00
Sch1-85	Video Inspection, Storm Sewer	LF	404	\$3.00	\$1,212.00	\$3.00	\$1,212.00
Sch1-86	Riprap, Class B	T	686	\$100.00	\$68,600.00	\$80.00	\$54,880.00
Sch1-87	Rock Construction Entrance	EA	2	\$2,250.00	\$4,500.00	\$5,500.00	\$11,000.00
Sch1-88	Erosion Control Blanket, Type 2	SY	4196	\$3.00	\$12,588.00	\$1.75	\$7,343.00
Sch1-89	Silt Fence, High Flow	LF	3070	\$5.00	\$15,350.00	\$6.50	\$19,955.00
Sch1-90	Sediment Control Wattles	LF	834	\$6.50	\$5,421.00	\$5.50	\$4,587.00
Sch1-91	Aggregate Base Course	T	13773	\$50.00	\$688,650.00	\$42.00	\$578,466.00
Sch1-92	Gravel Surfacing, Permanent	T	242	\$52.00	\$12,584.00	\$80.00	\$19,360.00
Sch1-93	Geotextile Subgrade Reinforcement	SY	23024	\$8.00	\$184,192.00	\$6.25	\$143,900.00
Sch1-94	Geogrid Subgrade Reinforcement	SY	493	\$8.00	\$3,944.00	\$5.50	\$2,711.50
Sch1-95	AC, Class E, Type 1 PG64-28	T	6883	\$160.00	\$1,101,280.00	\$135.00	\$929,205.00
Sch1-96	AC, Class E, Type 1 PG64-28, Overlay	T	151	\$150.00	\$22,650.00	\$155.00	\$23,405.00
Sch1-97	AC Leveling Course, Class E, Type 1	T	25	\$200.00	\$5,000.00	\$340.00	\$8,500.00
Sch1-98	PCC Approach And Driveway Pavement, 6" Nonreinforced	SY	44.9	\$165.00	\$7,408.50	\$250.00	\$11,225.00
Sch1-99	Type 2 ROW Fence	LF	320	\$3.00	\$960.00	\$13.50	\$4,320.00
Sch1-100	Type 1 Temporary ROW Fence	LF	1271	\$2.50	\$3,177.50	\$4.00	\$5,084.00
Sch1-101	Pavement Marking Paint, 4" White	LF	15810	\$0.20	\$3,162.00	\$0.20	\$3,162.00
Sch1-102	Pavement Marking Paint, 4" Yellow	LF	6845	\$0.20	\$1,369.00	\$0.20	\$1,369.00
Sch1-103	Permanent Sign	EA	3	\$400.00	\$1,200.00	\$600.00	\$1,800.00
Sch1-104	Type 2 Object Marker, Back To Back	EA	5	\$45.00	\$225.00	\$80.00	\$400.00

Sch1-105	Type 2 Object Marker	EA	6	\$40.00	\$240.00	\$60.00	\$360.00
Sch1-106	Type 3 Object Marker	EA	4	\$40.00	\$160.00	\$90.00	\$360.00
Sch1-107	Delineator	EA	29	\$35.00	\$1,015.00	\$65.00	\$1,885.00
Sch1-108	Traffic Control, Miscellaneous	LS	1	\$15,000.00	\$15,000.00	\$20,500.00	\$20,500.00
Sch1-109	Flagging	HR	100	\$50.00	\$5,000.00	\$45.00	\$4,500.00
Sch1-110	Traffic Control Signs	SF	572.5	\$12.00	\$6,870.00	\$1.25	\$715.63
Sch1-111	Type 3 Barricade	EA	17	\$200.00	\$3,400.00	\$150.00	\$2,550.00
Sch1-112	Temporary Pavement Marking	LF	7930	\$0.60	\$4,758.00	\$0.20	\$1,586.00
Sch1-113	Maintenance Of Access	LS	1	\$25,000.00	\$25,000.00	\$350,000.00	\$350,000.00
Sch1-114	Imported Backfill Material, Trench	CY	7500	\$25.00	\$187,500.00	\$1.00	\$7,500.00
TOTAL SCHEDULE 1						\$7,862,000.00	\$8,450,981.73
SCHEDULE 2 - EXISTING LIFT STATION AND FORCE MAIN ABANDONMENT							
Sch2-1	Mobilization	LS	1	\$22,000.00	\$22,000.00	\$40,000.00	\$40,000.00
Sch2-2	Incidental	LS	1	\$20,222.80	\$20,222.80	\$40,000.00	\$40,000.00
Sch2-3	Force Main Abandonment, Site 1	LS	1	\$78,000.00	\$78,000.00	\$250,000.00	\$250,000.00
Sch2-4	Force Main Abandonment, Site 2	LS	1	\$2,600.00	\$2,600.00	\$4,500.00	\$4,500.00
Sch2-5	Force Main Abandonment, Site 3	LS	1	\$2,600.00	\$2,600.00	\$4,500.00	\$4,500.00
Sch2-6	Force Main Abandonment, Site 4	LS	1	\$2,600.00	\$2,600.00	\$4,500.00	\$4,500.00
Sch2-7	Force Main Abandonment, Site 5	LS	1	\$3,600.00	\$3,600.00	\$8,000.00	\$8,000.00
Sch2-8	Force Main Abandonment, Site 6	LS	1	\$2,600.00	\$2,600.00	\$45,000.00	\$45,000.00
Sch2-9	Force Main Abandonment, Site 7	LS	1	\$5,500.00	\$5,500.00	\$10,000.00	\$10,000.00
Sch2-10	Force Main Abandonment, Site 8	LS	1	\$5,500.00	\$5,500.00	\$10,000.00	\$10,000.00
Sch2-11	Force Main Abandonment, Site 9	LS	1	\$5,500.00	\$5,500.00	\$10,000.00	\$10,000.00
Sch2-12	Force Main Abandonment, Site 10	LS	1	\$10,000.00	\$10,000.00	\$18,000.00	\$18,000.00
Sch2-13	Force Main Abandonment, Site 11	LS	1	\$9,000.00	\$9,000.00	\$15,000.00	\$15,000.00
Sch2-14	Force Main Abandonment, Site 12	LS	1	\$2,600.00	\$2,600.00	\$4,500.00	\$4,500.00
Sch2-15	Force Main Abandonment, Site 13	LS	1	\$2,600.00	\$2,600.00	\$4,500.00	\$4,500.00

Sch2-16	Force Main Abandonment, Site 14	LS	1	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00
Sch2-17	Force Main Abandonment, Site 15	LS	1	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00
Sch2-18	Force Main Abandonment, Site 16	LS	1	\$2,600.00	\$2,600.00	\$4,500.00	\$4,500.00
Sch2-19	Force Main Abandonment, Site 17	LS	1	\$2,600.00	\$2,600.00	\$4,500.00	\$4,500.00
Sch2-20	Force Main Abandonment, Site 18	LS	1	\$2,600.00	\$2,600.00	\$4,500.00	\$4,500.00
Sch2-21	Force Main Abandonment, Site 19	LS	1	\$2,600.00	\$2,600.00	\$4,500.00	\$4,500.00
Sch2-22	Silt Fence, High Flow	LF	289	\$5.00	\$1,445.00	\$6.50	\$1,878.50
Sch2-23	Type 2 Row Fence	LF	185	\$3.00	\$555.00	\$13.50	\$2,497.50
Sch2-24	Traffic Control, Miscellaneous	LS	1	\$5,000.00	\$5,000.00	\$7,000.00	\$7,000.00
Sch2-25	Flagging	HR	50	\$50.00	\$2,500.00	\$45.00	\$2,250.00
Sch2-26	Traffic Control Signs	SF	748.1	\$12.00	\$8,977.20	\$1.35	\$1,009.94
Sch2-27	Type 3 Barricade	EA	11	\$200.00	\$2,200.00	\$150.00	\$1,650.00
TOTAL SCHEDULE 2						\$214,000.00	\$512,785.94
TOTAL ALL BID SCHEDULES AND ALL ITEMS						\$8,076,000.00	\$8,963,767.67

CITY OF RAPID CITY

I certify that, to the best of my knowledge, this is a true tabulation of bids received for this project.

Nicole Lecy 6/23/2023
 Nicole Lecy, PE Date
 Project Manager

CONSULTANT

I certify that, to the best of my knowledge, this is a true tabulation of bids received for this project.

Kevin Lowe 6/15/23
 Kevin Lowe PE Date
 Avid4 Engineering, Inc.