CORRECTED BID AWARD SUMMARY

LETTING DATE: March 01, 2011

PROJECT: Heights Drive Sanitary Sewer Extension

Project No. SS09-1831 / CIP No. 50777

RECOMMENDATION: Correct the award amount for **Total Base Bid plus Alternate Bids 1, 2, and 3** from \$924,207.30 to **\$894,827.90**. The project was awarded to Mainline Contracting, Inc. at the March 07, 2011 Council Meeting for an amount of \$924,207.30, however, an error has been discovered in the summation of bid items resulting in the need to correct the award amount and funding source allocation.

BIDDER'S SUMMARY

BIDDER	BASE BID	ALT 1	ALT 2	ALT 3	ALT 4	ALT 5
Mainline Contracting, Inc.	\$278,455.90	\$133,072.00	\$130,362.00	\$352,938.00	\$141,644.00	\$111,390.00
Rapid Construction, LLC	\$683,731.12	\$120,940.54	\$146,792.59	\$394,352.45	\$131,355.96	\$105,116.12
Western Municipal						
Construction	\$510,708.00	\$143,160.00	\$222,595.00	\$460,525.00	\$192,041.00	\$135,079.00
Hills Materials Company	\$583,536.30	\$278,081.55	\$327,288.55	\$886,742.75	\$297,261.20	\$250,486.25

It has been discovered that in the original "Bid Tabulation" provided to Council on March 7, 2011 bid items #7, #45, #46, #47, and #3.45 inadvertently indicated quantities that were not correct. This error did not change Mainline Contracting as the low bidder. The contract amount however should have been \$894,827.90 instead of \$924,207.30. The bold dollar amounts shown above are the numbers that have changed. City staff recommends correcting the funding appropriation as shown below:

FUNDING SOURCE	
ADVERTISING	
AUTHORITY	

TOTAL	Sanitary Sewer	Sanitary Sewer	Sanitary Sewer	Water	Non-Conforming Property Owner Match	Non- Conforming City Match
\$883,000.00	\$485,650.00	\$330,000.00	\$26,121.00	\$26,121.00	\$7,554.00	\$7,554.00
\$1,610,132.87	\$	\$	\$	\$	\$	\$

ENGINEER'S ESTIMATE

APPROPRIATION DATA:

FUNDING SOURCE
COST CENTER
LINE ITEM
FUNDING CENTER

TOTAL	* Sanitary Sewer	** Sanitary Sewer	Sanitary Sewer	Water	Non-Conforming Property Owner Match	Non-Conforming City Match
	0834	0834	0834	0934	0834	0834
	4380	4380	4380	4380	4380	4384
	0604	0604	0604	0602	0604	0604
894.827.90	\$486,000.00	\$270,000.00	\$64,542.09	\$64,542.08	\$4,871.87	\$4,871.86

BID AMOUNT
*STAG GRANT

DESIGN GROUP COORDINATOR:

Stacey Titus, P.E.

City of Rapid City

Date

^{**0.16} FUNDING (Funds transferred to 0834)

PROJECT NAME: CORRECTED - HEIGHTS DRIVE SANITARY SEWER EXTENSION

PROJECT NUMBER: PROJECT NO. SS09-1831 / CIP NO. 50777

LET DATE: March 1, 2011

LOW BID AMOUNT: BASE BID AND ALTERNATES No. 1,2 &3 = \$894,827.90

				ENGINEER'S E	S ESTIMATE	MAINLINE CONTRACTING INC		RAPID CONSTRUCTION LLC	RUCTION LLC	WESTERN MUNICIPAL CONSTRUCTION INC		HILLS MATERIAL COMPANY	AL COMPANY
₩ Ä Ö	DESCRIPTION OF ITEM	LINO	QTY (EST)	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
	BASE BID												
~	Mobilization	LS	1.00	\$30,000.00	\$30,000.00	\$4,800.00	\$4,800.00	\$23,145.00	\$23,145.00	\$91,000.00	\$91,000.00	\$89,500.00	\$89,500.00
7	Incidental	LS.	1.00	\$17,000.00	\$17,000.00	\$55,000.00	\$55,000.00	\$425,593.50	\$425,593.50	\$2,000.00	\$2,000.00	\$100,560.00	\$100,560.00
₆	Construction Staking	rs	1.00	\$2,500.00	\$2,500.00	\$6,300.00	\$6,300.00	\$4,200.00	\$4,200.00	\$5,000.00	\$5,000.00	\$2,500.00	\$2,500.00
4	Clearing and Grubbing	rs	1.00	\$1,500.00	\$1,500.00	\$4,300.00	\$4,300.00	\$1,000.00	\$1,000.00	\$3,500.00	\$3,500.00	\$1,500.00	\$1,500.00
LC.	Remove Gravel Surfacing	λS	29.00	\$8.00	\$232.00	\$20.00	\$580.00	\$10.00	\$290.00	\$1.00	\$29,00	\$8.00	\$232,00
ဖ	Sawing, Asphalt Pavement	4	476.00	\$3.00	\$1,428.00	\$1.60	\$761.60	\$2.00	\$952.00	\$2.00	\$952.00	\$2.50	\$1,190.00
~	Bernove AC Pavement	λS	753.00	\$6.00	\$4,518.00	\$2.60	\$1,957.80	\$5.00	\$3,765.00	\$3.00	\$2,259.00	\$3.65	\$2,748.45
- ω	Remove PCC Driveway Pavement	λS	120.00		\$1,080.00	\$5.00	\$600.00	\$7.00	\$840.00	\$5.00	\$600.00	\$5.00	\$600.00
တ	Remove Tree	Ē	18.00	\$360.00	\$6,480.00	\$175.00	\$3,150.00	\$280.00	\$5,040.00	\$200.00	\$3,600.00	\$285.00	\$5,130.00
₽		EA	6.00	\$214.00	\$1,284.00	\$120.00	\$720.00	\$105.00	\$630.00	\$250.00	\$1,500.00	\$205.00	\$1,230.00
=	1	ζ	175.00	\$14.00	\$2,450.00	\$20.00	\$3,500.00	\$5.00	\$875.00	\$5.00	\$875.00	\$46.00	\$8,050.00
12		λs	1,625.00	\$15.00	\$24,375.00	87.00	\$11,375.00	\$7.85	\$12,756.25	\$12.00	\$19,500.00	\$11.00	\$17,875.00
5		TON	16.00	\$50.00	\$800.00	\$50.00	\$800.00	\$50.00	\$800.00	\$65.00	\$1,040.00	\$62.00	\$992.00
4		δ.	2,813.00	\$3.00	\$8,439.00	\$1.50	\$4,219.50	\$3.13	\$8,804.69	\$6.00	\$16,878.00	\$5.50	\$15,471.50
15	Excavation, Rock (Trench)	Շ	1,774.00	543.00	\$76,282.00	0 \$5.00	\$8,870.00	\$26.25	\$46,567.50	\$1.00	\$1,774.00	\$85.00	\$150,790.00
6	Imported Backfill Material (Trench)	ζ	50.00	\$15.00	0 \$750.00	\$10.00	\$500.00	513.67	\$683.50	\$1.00	\$50.00	\$11.00	\$550,00
	1												

TON SOLO STREET TOTAL COST TOTAL C	1				ENGINEER'S E	STIMATE	MAINLINE CONTRACTING INC		RAPID CONSTRUCTION LLC	RUCTION LLC	WESTERN MUNICIPAL CONSTRUCTION INC	MUNICIPAL STION INC	HILLS MATERI	HILLS MATERIAL COMPANY
TON 90,000 \$10,000 \$15,000 \$15,000 \$15,000 \$11,000		DESCRIPTION OF ITEM	LIND	QTY (EST)		TOTAL COST		TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
TON 30,00 \$27,00 \$860.00 \$25.00 \$1750.00 \$18.66 \$569.50 \$11.00	1	Type I Bedding Material	TON	30.00	\$18.00	\$540.00		\$450.00	\$19.92	\$597.60	\$1.00	\$30.00	\$15,26	\$457.50
170 30.00 \$22.00 \$869.00 \$271.00 \$86.16.00 \$51.00 \$51.00 \$51.00 \$50.00 \$51.00 \$50.00	1	Type Il Foundation Material	NOT	30.00	\$21.00	\$630.00	\$25.00	\$750.00	\$18.65	\$559.50	\$1.00	\$30.00	\$13.00	\$390.00
	ł .	Type III Foundation Material	TON	30.00	\$22.00		\$25.00	\$750.00	\$18.65	\$559.50	\$1,00	\$30.00	\$15.00	\$450.00
1 F 795 00 \$55.00 \$17.00	l .	8" PVC Sewer Main (0' - 6')	ഥ	296.00	\$30.00		\$21.00	\$6,216.00	\$20.88		00'66\$	\$29,304.00	\$28.00	\$8,288.00
		8" PVC Sewer Main (6' - 8')	'n	795.00	\$35.00		į	\$17,490.00	\$21.26		00'66\$	\$78,705.00	\$29.00	\$23,055.00
LF 49.00 \$39.00 \$31.962.00 \$32.60 \$1.226.00 \$22.89 \$11.21.61 LF 77.00 \$44.606 \$31.962.00 \$32.100 \$22.100 \$22.310 \$1.640.10 \$1.	1	8" PVC Sewer Main (8' - 10')	<u>1</u>	411.00	\$35.00			\$9,864,00	\$21.97	\$9,029.67	\$99.00	\$40,689.00	\$32.50	\$13,357.50
LF 71.00 \$45.00 \$31.96.00 \$32.190.00 \$22.130.00 \$73.10 \$1,640.10 \$1,640.10 \$1,640.10 \$1,640.10 \$1,640.10 \$1,640.10 \$1,640.10 \$1,640.10 \$1,640.10 \$1,640.10 \$1,640.10 \$1,640.10 \$1,640.00 \$1,640.	l	8" PVC Sewer Main (10' - 12')	峼	49.00	\$38.00			\$1,225.00	\$22.89		\$100.00	\$4,900.00	\$42.50	\$2,082.50
LF 54.00 \$46.00 \$1.890.00 \$33.00 \$1.890.00 \$33.60 \$1.890.00 \$33.40 \$1.890.00 \$33.00 \$1.890.00 \$33.00 \$1.800.00 \$33.00 \$1.800.00 \$33.00 \$1.390.00 \$33.40 \$1.390.40 \$1.390.00 \$1.390	l	8" PVC Sewer Main (12' - 14')	ㅂ	71.00	\$45.00	İ		\$2,130.00	\$23.10		\$100.00	\$7,100.00	\$44.50	\$3,159.50
The color	ŧ	8" PVC Sewer Main (14' - 16')	5	96.00	\$48.00	·		\$3,168.00			\$100.00	\$9,600.00	\$64.00	\$6,144.00
The following states and states are states as followers. The followers are followers. The fo		8" Certa-Lok C900/RJ (0' - 6')	5	54.00	\$35.00			\$1,890.00			\$720.00	\$38,880.00	\$38.00	\$2,052.00
LF 33.00 \$40.00 \$1,320.00 \$38.00 \$1,254.00 \$34.28 \$1,131.24		8" Certa-Lok C900/RJ (6" - 8')	님	40.00	\$40.00			\$1,480.00			\$120.00	\$4,800.00	\$41.75	\$1,670.00
) LF 30.00 \$43.00 \$1,290.00 \$44.00 \$1,200.00 \$335.20 \$176.00) LF 6.00 \$50.00 \$11,840.00 \$27.00 \$8,640.00 \$21,67 \$6,934.40 EA 4.00 \$2,850.00 \$11,840.00 \$2,400.00 \$2,400.00 \$2,175.36 \$8,701.52 \$5 EA 4.00 \$2,850.00 \$11,910.00 \$2,400.00 \$3,600.00 \$3,090.00 \$3,090.00 \$5,101.18 \$5 In EA 1.00 \$735.00 \$11,910.00 \$1,000.00 \$1,000.00 \$3,090.00 \$5,20	l	8" Certa-Lok C900/RJ (8' - 10')	ш	33.00	\$40.00			\$1,254.00			\$120.00	\$3,960.00	\$46.00	\$1,518.00
LF 5.00 \$250.00 \$44.00 \$220.00 \$35.20 \$176.00 LF 320.00 \$37.00 \$11,840.00 \$27.00 \$8,640.00 \$21,67 \$6,934.40 EA 4.00 \$2,850.00 \$11,400.00 \$2,400.00 \$2,175.38 \$8,701.52 \$7 EA 1.00 \$2,856.00 \$11,400.00 \$2,400.00 \$2,400.00 \$2,101.18 \$3,701.18 \$3,701.18 \$2,101.18 \$3,701.18 <td></td> <td>8" Certa-Lok C900/RJ (10' - 12')</td> <td>5</td> <td>30.00</td> <td>\$43.00</td> <td></td> <td>i</td> <td></td> <td></td> <td></td> <td>\$120.00</td> <td>\$3,600.00</td> <td>\$50.00</td> <td>\$1,500.00</td>		8" Certa-Lok C900/RJ (10' - 12')	5	30.00	\$43.00		i				\$120.00	\$3,600.00	\$50.00	\$1,500.00
LF 320.00 \$37.00 \$11,840.00 \$27.00 \$8,640.00 \$21,67 \$6,934.40 EA 4.00 \$2,850.00 \$11,400.00 \$2,400.00 \$9,600.00 \$2,175.38 \$8,701.52 \$7 EA 1.00 \$2,856.00 \$11,400.00 \$2,400.00 \$2,400.00 \$2,101.18 \$2,101.18 \$3 EA 3.00 \$3,970.00 \$11,910.00 \$5,000.00 \$15,000.00 \$3,090.00 \$9,270.00 \$3,090.00 \$9,270.00 \$3 VF 33.00 \$215.00 \$7,095.00 \$250.00 \$1,000.00 \$219.30 \$7,236.90 \$5,590.21 \$559.21		8" Certa-Lok C900/RJ (12' - 14')	H	5.00	\$50.00							\$600.00	\$55.00	\$275.00
EA 4.00 \$2,850.00 \$11,400.00 \$2,400.00 \$9,600.00 \$2,175.38 \$8,701.52 \$\$; EA 1.00 \$2,856.00 \$7,856.00 \$2,400.00 \$2,101.18 \$2,101.18 \$\$; EA 3.00 \$3.970.00 \$11,910.00 \$5,000.00 \$315,000.00 \$30,000.00 \$\$; VF 33.00 \$725.00 \$1,000.00 \$1,000.00 \$559.21 \$559.21 EA 1.00 \$735.00 \$1,000.00 \$1,000.00 \$8,450.00 \$559.21 \$559.21	l	4" PVC Sewer Service Line	버	320.00	\$37.00				•			\$30,080.00	\$40.00	\$12,800.00
EA 1.00 \$2,856.00 \$2,400.00 \$2,400.00 \$2,101.18 \$2,101.18 \$3,101.1	1	Standard Manhole, 48"	ĒΑ	4.00	\$2,850.00	ļ		\$9,600.00				\$10,000.00	\$2,800.00	0 \$11,200.00
EA 3.00	1	Termination Manhole, 48"	EA	1.00	\$2,856.00			\$2,400.00				\$2,500.00	\$2,400.00	0 \$2,400.00
Alain EA 1.00 \$735.00 \$7,096.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$559.21 \$559.21 FA 1.3 nn \$421.00 \$650.00 \$8,450.00 \$416.70 \$5,417.10		Drop Manhole, 48"	Æ	3.00	\$3,970.00							\$10,500.00	\$3,150.00	
fair EA 1.00 \$735.00 \$1,000.00 \$1,000.00 \$559.21 \$559.21 FA 1.3 n \$420.00 \$650.00 \$8,450.00 \$416.70 \$5,417.10	l .	Extra Manhole Depth, 48"	٦	33.00	\$215.00							\$2,640.00	\$250.00	\$8,250.00
FA 13 CD \$421 00 \$5.473.00 \$650.00 \$8.450.00 \$416.70 \$5.417.10	ı	Connect To Existing Sewer Main	Œ	1.00	\$735.00							\$800.00	\$135.00	
D0:01 XI	Į.	Connect New Sewer Service	EA	13.00	\$421.00	55,473.00	0 \$650.00					\$1,300.00	0 \$525.00	\$6,825.00

CC0	30	71	1-0	2.3

ANY	COST	\$1,620.00	\$250,00	\$1,500.00	\$1,581.75	\$850.00	\$820,00	\$2,560.00	\$8,700.00	\$8,736.00	\$18,690.00	\$6,480.00	\$550.00	\$7,350.00	\$450.00	\$1,100.00	8 8 00,	\$5,900.00	\$650.00	\$1,370.60	\$583,536.30	
RIAL COMF	TOTAL COST																- O				\$583,	
HILLS MATERIAL COMPANY	UNIT COST	\$54.00	\$250.00	\$1,500.00	\$2.85	\$17.00	\$205.00	\$4.00	\$30,00	\$112.00	\$105.00	\$54.00	\$550.00	\$490.00	\$450.00	\$550.00	\$0.00	\$5,900.00	\$650.00	\$3.85		
IUNICIPAL TION INC	TOTAL COST	\$2,700.00	\$1,000.00	\$4,000.00	\$1,665.00	\$1,500.00	\$800.00	\$2,560.00	\$4,350.00	\$9,750.00	\$20,292.00	\$7,200.00	\$1,000.00	\$7,500.00	\$450.00	\$1,200.00	\$0.00	\$11,000.00	\$1,000.00	\$2,136.00	\$510,708.00	
WESTERN MUNICIPAL CONSTRUCTION INC	UNIT COST	\$90.00	\$1,000.00	\$4,000.00	\$3.00	\$30.00	\$200.00	\$4.00	\$15.00	\$125.00	\$114.00	\$60.00	\$1,000.00	\$500.00	\$450.00	\$600.00	\$0.00	\$11,000.00	\$1,000.00	\$6.00		
UCTION LLC	TOTAL COST	\$1,734.00	\$2,800.00	\$1,050.00	\$2,913.75	\$974.00	\$1,172.00	\$2,694.40	\$5,353.40	\$7,944.30	\$18,129.30	\$5,670.00	\$300.00	\$6,174.00	\$367.50	\$630.00	\$0.00	\$3,000.00	\$735.00	\$1,338.56	\$683,731.12	
RAPID CONSTRUCTION LLC	UNIT COST	\$57.80	\$2,800.00	\$1,050.00	\$5.25	\$19.48	\$293.00	\$4.21	\$18.46	\$101.85	\$101.85	\$47.25	\$300.00	\$411.60	\$367.50	\$315.00	\$0.00	\$3,000.00	\$735.00	\$3.76		
	TOTAL COST	\$2,160.00	\$3,000.00	\$600.00	\$1,110.00	\$1,000.00	\$480.00	\$3,200.00	\$5,510.00	\$9,750.00	\$19,936.00	\$6,000.00	\$3,000,00	\$7,500.00	\$325.00	\$1,100.00	\$0.00	\$2,700.00	\$800.00	\$1,424.00	\$278,455.90	
MAINLINE CONTRACTING INC	UNIT COST	\$72.00	\$3,000.00	\$600.00	\$2.00	\$20.00	\$120.00	\$5.00	\$19.00	\$125.00	\$112.00	\$50.00	\$3,000.00	\$500.00	\$325.00	\$550.00	\$0.00	\$2,700.00	\$800.00	\$4.00		
ESTIMATE	TOTAL COST	\$2,400.00	\$3,000.00	\$2,000.00	\$2,253.30	\$1,050.00	\$560.00	\$2,560.00	\$6,090.00	\$7,020.00	\$27,056.00	\$9,000.00	\$1,000.00	\$8,914.95	\$460.00	\$1,000.00	\$0.00	\$3,000.00	\$1,200.00	\$2,492.00	\$380,418.25	
ENGINEER'S E	UNIT COST	\$80.00	\$3,000.00	\$2,000.00	\$4.06	\$21.00	\$140.00	\$4.00	\$21.00	\$30.00	\$152.00	\$75.00	\$1,000.00	\$594.33	\$460.00	\$500.00	\$1,500.00	\$3,000.00	\$1,200.00	\$7.00		
	QTY (EST)	30.00	1.00	1.00	555.00	50.00	4.00	640.00	290.00	78.00	178.00	120.00	1.00	15.00	1.00	2.00	-	1.00	1.00	356.00		
	LINO	ㅂ	S	ST	λS	TON	Ë	5	ΝO	NOT NO	NO L	λS	rs	EA	ā	E	Æ	rs	rs	SF		
	DESCRIPTION OF ITEM	16" PVC Encasement	Erosion Control and Water Pollution Control	Erosion Control and Water Pollution Control Plan	Erosion Control Blanket	Rock Construction Entrance	Erosion Control, Inlet Protection	Erosion Control, Perimeter Control	Aggregate Base Course 3/4"	AC Overlay, Class G, Type 1 PG64-28 (1.5")	AC Patching, Class G Type I PG64-28	PCC Driveway Pavement, 6" Nonreinforced	Tree Trimming	Deciduous Tree (2-3" CAL)	Evergreen Tree (5)	Relocate Tree (with Tree Spade)	Relocate Light Pole	Traffic Control	Traffic Control Plan	Sewer Main Insulation	TOTAL BASE BID	ALTERNATE NO. 1
****	ITEM NO.	38	39		41 E	42	43	44	45	46	47	48	49	50	51	25	ಜ	54				

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				ENGINEER'S E	SESTIMATE	MAINLINE CONTRACTING INC		RAPID CONSTRUCTION LLC	RUCTION LLC	WESTERN MUNICIPAL CONSTRUCTION INC	MUNICIPAL OTION INC	HILLS MATER	HILLS MATERIAL COMPANY
NO.	M DESCRIPTION OF ITEM	ĮN.	QTY (EST)	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
	Mobilization	LS	1.00	\$10,000.00	\$10,000.00	\$3,500.00	\$3,500.00	\$3,900.00	\$3,900.00	\$28,000.00	\$28,000.00	\$47,500.00	\$47,500.00
1.2		rs	1.00	\$5,000.00	\$5,000.00	\$22,000.00	\$22,000.00	\$3,813.00	\$3,813.00	\$200.00	\$200.00	\$66,500.00	\$66,500.00
1.3	Construction Staking	SI	1.00	\$1,000.00	\$1,000.00	\$2,200.00	\$2,200.00	\$2,887.50	\$2,887.50	\$1,500.00	\$1,500.00	\$800.00	\$800.00
1.4	Clearing and Grubbing	ĽS	1.00	\$1,500.00	\$1,500.00	\$4,300.00	\$4,300.00	\$500.00	\$500.00	\$500.00	\$500.00	\$1,500.00	\$1,500.00
1.5	Remove Manhole	EA	1.00	\$634.00	\$634.00	\$700.00	\$700.00	\$1,200.00	\$1,200.00	\$800.00	\$800.00	\$400.00	\$400.00
1.6	Sawing, Asphalt Pavement	17	1,114.00	\$3.00	\$3,342,00	\$2.00	\$2,228.00	\$2.00	\$2,228.00	\$2.00	\$2,228.00	\$2,50	\$2,785.00
1.7	Remove AC Pavement	SY	1,157.00	\$6.00	\$6,942.00	\$3.00	\$3,471.00	\$5.00	\$5,785.00	\$3.00	\$3,471.00	\$3.65	\$4,223.05
1.8	Remove PCC Driveway Pavement	SY	5.00	\$9.00	\$45.00	\$5.00	\$25.00	\$7.00	\$35.00	\$5.00	\$25.00	\$5.00	\$25.00
1.9	9 AASHTO T-180 Soil Test	Ë	2.00	\$214.00	\$428.00	\$120.00	\$240.00	\$105.00	\$210.00	\$250,00	\$500.00	\$205.00	\$410.00
1.10	0 Topsoli, Stockpile & Replace	≿	55.00	\$14.00	\$770.00	\$20.00	\$1,100.00	\$5.00	\$275.00	\$5.00	\$275.00	\$56.00	\$3,080.00
1.11		λs	255.00	\$15.00	\$3,825.00	\$7.00	\$1,785.00	\$7.85	\$2,001.75	\$12.00	\$3,060.00	\$11.00	\$2,805.00
1.12	2 Hauling & Placing Co-Compost	TON	5.00	\$50.00	\$250.00	\$50.00	\$250.00	\$30.00	\$150.00	\$65.00	\$325.00	\$62.00	\$310.00
1.13		ò	677.00	\$43.00	\$29,111.00	\$5.00	\$3,385.00	\$26.25	\$17,771.25	\$1.00	\$677.00	\$85.00	\$57,545.00
1.14		ბ	50.00	\$15.00	\$750.00	\$10.00	\$500.00	\$13.67	\$683.50	\$1.00	\$50.00	\$11.00	\$550.00
1.15		TON	20.00	\$18.00	\$360.00	\$15.00	\$300.00	\$19.92	\$398.40	\$1.00	\$20.00	\$15.25	\$305.00
1.16	16 Type II Foundation Material	T NO	20.00	\$21.00	\$420.00	\$25.00	\$500.00	\$18.65	\$373.00	\$1.00	\$20.00	\$13.00	\$260.00
1.17		TON	20.00	\$22.00	\$440.00	\$25.00	\$500.00	\$18.65	\$373.00	\$1.00	\$20.00	\$15.00	00.005\$ 0
1.18		5	74.00	\$30.00	\$2,220.00	\$23.00	\$1,702.00	\$20.32	2 \$1,503.68	\$49.00	\$3,626,00	0 \$28.00	
1.19	19 8" PVC Sewer Main (6' - 8')	4	619.00	\$35.00	\$21,665.00	\$25.00	\$15,475.00	\$21.26	6 \$13,159.94	\$49.00	\$30,331.00	0 \$29.00	0 \$17,951.00
4	1.20 8" PVC Sewer Main (8' - 10')	5	91.00	\$35.00	\$3,185.00	\$26.00	\$2,366.00	\$21.97	7 \$1,999.27	\$49.00	54,459.00	0 \$32.50	
1.21	21 4" PVC Sewer Service Line	ㅂ	181.00	\$37.00	\$6,697.00	\$27.00	\$4,887.00	\$21.67	7 \$3,922.27	\$54.00	\$9,774.00	0 \$40.00	0 \$7,240.00

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DESCRIPTION OF ITEM UNIT COST TOTAL CO
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Properties Pro
ENGINEERY ESTIMATE PARTICUS
Standard Manifed Legent Agriculture Control of TTEM CST CMT COST TOTAL COST
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DESCRIPTION OF ITEM UNIT GTY UNIT COST TOTAL COST UNIT COST
Standard Manhole, 46" EA 4.00 \$2,860.00 \$1
DESCRIPTION OF ITEM UNIT GST
DESCRIPTION OF ITEM UNIT QTY
Standard Manhole, 46" Extra Manhole, 46" Extra Manhole, 46" Connect To Existing Sewer Main Connect To Existing Sewer Main Erosion Control and Water Pollution Control Erosion Control, Perimeter Control Aggregate Base Course 3/4" Erosion Control, Perimeter Control AC Patching, Class G Type I PG84-28 TON AC Patching G Type I PG84-28 AC Patching G Type I PG84-28 AC Patching G Type I PG84-28 AC P
Standard Manhole E Extra Manhole E Connect To Exis Connect New Si Connect New Si Bypass Pumpin Erosion Control Erosion Control Erosion Control AC Patching, C PCC Driveway PCC Driveway Evergreen Tree ALTERNATE Mobilization Incidental Construction S Construction S Sawing, Aspha
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DESCRIPTION OF ITEM										ച		Ol	ы	ા	01	ol		인.		<u> </u> -	<u> </u>	<u>ତା</u>	O
DESCRIPTION OF ITEM UNI CTY UNIT COST TOTAL COS	AL COMPANY	TOTAL COST	\$2,850.00	\$410.00																			
DESCRIPTION OF ITEM UNI CTY UNIT COST TOTAL COS	HILLS MATER!		\$285.00	\$205.00	\$25.00	\$50.00	\$11.00	\$62.00	\$5.50	\$85.00		\$11.00			\$15.00	\$28.00	\$29.00	\$32.50	\$41.25	\$38.00	\$2,800.00		
DESCRIPTION OF TEAM UNIT COST TOTAL CO		TOTAL COST	\$2,000.00	\$500.00	\$480.00	\$315.00	\$2,760.00	\$390.00	\$2,760.00	\$889.00	\$650.00	\$50.00				\$7,400.00		\$40,400.00	ļ				
Proceedings Proceedings Procedure Proceedings Procedure	WESTERN A CONSTRUC		\$200.00	\$250.00	\$8.00	\$5.00	\$12.00	\$65.00	\$6.00	\$1.00	\$130.00	\$1.00	\$1.00	\$1.00	\$1.00	\$100.00	\$100.00	\$100.00	\$100.00	\$96.00	\$2,500.00	\$4,000.00	\$2,500.00
Public P	RUCTION LEC	TOTAL COST	\$2,800.00	\$210.00	\$480.00	\$315.00	\$1,805.50	\$180.00	\$1,439.80	\$23,336.25	\$601.50	\$5,083.50	\$199.20	\$186.50	\$186.50	\$2,017.98	\$11,017.08	\$11,348.36	ļ	\$3,952.89	\$6,303.54	\$2,903.38	\$4,036.16
Percentage Per	RAPID CONSTR	***	\$280.00	\$105.00	\$8.00	\$5.00	\$7.85	\$30.00	\$3.13	\$26.25	\$120.30	\$101.67	\$19.92	\$18.65	\$18.65	\$27.27	\$27.27	\$28.09	\$28.09	\$23.67	\$2,101.18	\$2,903.38	\$2,018.08
Percentage Per		FOTAL COST	\$1,750.00	\$240.00	\$420.00	\$1,260.00	\$1,610.00	\$300.00	\$690.00	\$4,445.00	\$575.00	\$500.00	\$150.00	\$250.00	\$250.00	\$1,702.00	\$10,100.00	\$10,504.00	\$1,484.00	\$5,010.00	\$7,200.00	\$3,800.00	\$5,200.00
DESCRIPTION OF ITEM UNIT GEY UNIT COST TOTAL	MAINLINE CON		\$175.00	\$120.00	\$7.00	\$20.00	\$7.00	\$50.00	\$1,50	\$5.00	\$115.00	\$10.00	\$15.00	\$25.00	\$25.00	\$23.00	\$25.00	\$26.00	\$28.00	\$30.00	\$2,400.00	\$3,800.00	\$2,600.00
DESCRIPTION OF ITEM UNIT (EST) UNIT COST	ESTIMATE	OTAL COST	\$3,600.00	\$428.00	\$1,200.00	\$882.00	\$3,450.00	\$300.00	\$1,380.00	\$38,227.00	\$555.00	\$750.00	\$180.00	\$210.00	\$220.00	\$2,220.00	\$14,140.00	\$14,140.00	\$2,014.00	\$6,179.00	\$8,550.00	\$4,635.00	\$5,712.00
PESCRIPTION OF ITEM UNIT (Remove Tree AASHTO T-180 Soil Test EA Excavation, Unclassified CY Topsoil, Stockpile & Replace CY Topsoil, Stockpile & Replace CY Seeding, Fertilizing, Mulching - Non-Irrigated SY Lawn Mix Excavation, Rock (Trench) CY Controlled Low Strength Backfill Material CY (Trench) CY Type I Bedding Material TON Type II Foundation Material Tool Type II Foundation Materi	ENGINEER'S		\$360.00	\$214.00	\$20.00	\$14.00	\$15.00	\$50.00	\$3.00	\$43.00	\$111.00	\$15.00	\$18.00	\$21.00	\$22.00	\$30.00	\$35.00	\$35.00	\$38.00	\$37.00	\$2,850.00	\$4,635.00	\$2,856.00
PESCRIPTION OF ITEM UNIT Remove Tree AASHTO T-180 Soil Test Excavation, Unclassified CY Topsoil, Stockpile & Replace Seding Reduing & Placing Co-Compost Topsoil, Stockpile & Replace Seding, Fertilizing, Mulching - Non-Irrigated Sy Excavation, Rock (Trench) Cy Controlled Low Strength Backfill Material Type I Bedding Material Type I Bedding Material Type II Foundation Low Stroke Line B' PVC Sewer Main (0 - 6) B' PVC Sewer Main (10 - 12) B' PVC Sewer Main (10 - 12) Standard Manhole, 48" EA Standard Manhole, 60" Termination Manhole, 60" EA		QTY (EST)	10.00	2.00	00.09	63.00	230.00	6.00	460.00	889.00	9.00	50.00	10.00	10.00	10.00	74.00	404.00	404.00	53.00	167.00	3.00	1.00	2.00
		LN S	EA	ΕA	ζ	Շ		TON	λŚ		CY	ζ	TON N	TQ.	NOL	٦.	<u> </u>	5	<u>"</u>	<u>"</u>	ā	됩	E
2.7 2.13 2.14 2.15 2.22 2.23 2.25 2.25 2.26 2.26 2.26 2.26 2.26 2.26			Remove Tree	AASHTO T-180 Soil Test	Excavation, Unclassified	Topsoli, Stockpile & Replace	Sodding	Hauling & Placing Co-Compost	Seeding, Fertilizing, Mulching - Non-Irrigated Lawn Mix	Excavation, Rock (Trench)	Controlled Low Strength Backfill Material (Trench)	Imported Backfill Material (Trench)	Type i Bedding Material	Type II Foundation Material	Type III Foundation Material	8" PVC Sewer Main (0' • 6')	8" PVC Sewer Main (6' - 8')	8" PVC Sewer Main (8' - 10')	8" PVC Sewer Main (10' - 12')	4" PVC Sewer Service Line	Standard Manhole, 48"	1	
		ITEM NO.	2.7	2.8	2.9	2.10	2.11	2.12	2.13	2.14	2.15	2,16	2.17	2.18	2.19	2.20	2.21	2.22	2 23	2.24	2.25	2.26	2.27

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				ENGINEER'S E	S ESTIMATE	MAINLINE CONTRACTING INC		RAPID CONSTRUCTION LLC	RUCTION LLC	WESTERN MUNICIPAL CONSTRUCTION INC	MUNICIPAL CTION INC	HILLS MATERIAL COMPANY	AL COMPANY
ITEM NO.	DESCRIPTION OF ITEM	LND	QTY (EST)	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
2.28	Extra Manhole Depth, 60"	۲	1.20	\$354.00	\$424.80	\$450.00	\$540.00	\$221.50	\$265.80	\$200.00	\$240.00	\$385.00	\$462.00
2.29	Connect New Sewer Service	E	6.00	\$421.00	\$2,526.00	\$750.00	\$4,500.00	\$416.70	\$2,500.20	\$100.00	\$600.00	\$685.00	\$4,110.00
2.30	Connect To Existing Manhole	Æ	1.00	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$800.00	\$800.00	\$500.00	\$500.00
2.31	16" RCP, Class II	.	21.00	\$35.00	\$735.00	\$43.00	\$903.00	\$38,43	\$807.03	\$50.00	\$1,050.00	\$40.00	\$840.00
2.32	15" RCP Flared End	Ą	2.00	\$850.00	\$1,700.00	\$750.00	\$1,500.00	\$612.50	\$1,225.00	\$400.00	\$800.00	\$575.00	\$1,150.00
2.33	Erosion Control and Water Pollution Control	LS	1.00	\$3,000.00	\$3,000.00	\$1,000.00	\$1,000.00	\$630.00	\$630.00	\$500,00	\$500.00	\$250.00	\$250.00
2.34	Erosion Control, Inlet Protection	E	1.00	\$140.00	\$140.00	\$125.00	\$125.00	\$293,00	\$293.00	\$200.00	\$200.00	\$205.00	\$205.00
2.35	Erosion Control, Perimeter Control	쁘	90.00	\$4.00	\$360.00	\$5.00	\$450.00	\$5.20	\$468.00	\$4.00	\$360.00	\$4.00	\$360.00
2.36	Aggregate Base Course 3/4"	TON	355.00	\$21.00	\$7,455.00	\$19.00	\$6,745.00	\$18.46	\$6,553.30	\$15.00	\$5,325.00	\$30.00	\$10,650.00
2.37	AC Patching, Class G Type I PG64-28	TON	297.00	\$152.00	\$45,144.00	\$92.00	\$27,324.00	\$101.85	\$30,249.45	\$93.00	\$27,621.00	\$86.00	\$25,542.00
2.38	Deciduous Tree (2-3" CAL)	EA	4.00	\$594.33	\$2,377.32	\$500.00	\$2,000.00	\$411.60	\$1,646.40	\$500.00	\$2,000.00	\$490.00	\$1,960.00
2.39	Evergreen Tree (5')	Ë	2:00	\$460.00	\$3,220.00	\$325.00	\$2,275.00	\$367.50	\$2,572.50	\$450.00	33,150.00	\$450.00	\$3,160.00
5	Troffic Control	S	1	\$1,500.00	\$1,500.00	\$700.00	\$700.00	\$972.50	\$972,50	\$2,300.00	\$2,300.00	\$850.00	\$850.00
P.	TOTAL ALTERNATE NO.				\$205,622.12		\$130,362.00		\$146,792.59		\$222,595.00		\$327,288.55
	ALTERNATE NO. 3												
2.6	Mobilization	r.s	1.00	\$20,000.00	\$20,000.00	\$3,400.00	\$3,400.00	\$11,400.00	\$11,400.00	\$43,000.00	0 \$43,000.00	\$159,650.00	\$159,650.00
3.2	Incidental	ട്ട	1.00	\$12,000.00	\$12,000.00	\$90,000,00	\$90,000,00	\$34,594.00	\$34,594.00	\$200.00	\$200.00	\$152,500.00	\$152,500.00
3.3	Construction Staking	rs	1.00	\$1,500.00	\$1,500.00	\$3,300.00	\$3,300.00	\$3,937.50	\$3,937.50	\$1,500.00	0 \$1,500.00	0 \$1,850.00	\$1,850.00
3,4	Clearing and Grubbing	r _S	1.00	\$1,500.00	\$1,500.00	\$4,400.00	\$4,400.00	0 \$2,000.00	\$2,000.00	\$500.00	\$500.00	\$1,550.00	\$1,550.00
3.5	Remove Pipe Culivert	<u> </u>	51.00	\$17.00	\$867.00	315.00	\$765.00	\$10.00	\$510.00	\$10.00	\$510.00	00'2\$ 00	\$357.00
3.6	Sawing, Asphalt Pavement	_=	471.00	\$3.00	\$1,413.00	\$2.00	\$942.00	0 \$2.00	\$942.00	\$2.00	\$942.00	0 \$2.50	\$1,177.50

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AL COMPANY	TOTAL COST	\$6,277.50	\$410.00	\$1,890.00	\$4,785.00	\$124.00	\$687.50	\$263,415.00	\$550,00	\$305.00	\$260.00	\$300.00	\$390.00	\$536.25	\$495.00	\$3,870,00	\$3,936.00	\$6,527.00	\$15,930.00	\$14,310.00	\$910.00	\$450.00
HILLS MATERIAL COMPANY	UNIT COST	\$2.50	\$206.00	\$90.00	\$11.00	\$62.00	\$5.50	\$85.00	\$11.00	\$15.25	\$13.00	\$15.00	\$32.50	\$41.25	\$45.00	\$90.00	\$96.00	\$107.00	\$118.00	\$135.00	\$70.00	\$75.00
-107	TOTAL COST	\$7,533.00	\$500.00	\$105.00	\$5,220.00	\$130,00	\$750.00	\$3,099.00	\$50.00	\$20.00	\$20.00	\$20.00	\$2,640.00	\$2,860.00	\$2,420.00	\$9,460.00	\$9,020.00	\$13,420.00	\$29,700.00	\$23,320.00	\$3,055.00	\$1,410.00
WESTERN MUNICIPAL CONSTRUCTION INC	UNIT COST	\$3.00	\$250.00	\$5.00	\$12.00	\$65.00	\$6.00	\$1.00	\$1.00	\$1.00	\$1.00	\$1.00	\$220.00	\$220.00	\$220.00	\$220.00	\$220.00	\$220.00	\$220.00	\$220.00	\$235.00	\$235.00
SUCTION LLC	TOTAL COST	\$12,555.00	\$210.00	\$210.00	\$3,414.75	\$200.00	\$391.25	\$81,348.75	\$683.50	\$398.40	\$373.00	\$373.00	\$318.84	\$360.88	\$319,99	\$1,475.33	\$1,749.88	\$5,246.61	\$13,103.10	\$16,051.58	\$539.24	\$280.20
RAPID CONSTRUCTION LLC	UNIT COST	\$5.00	\$105.00	\$10.00	\$7.85	\$100.00	\$3.13	\$26.25	\$13.67	\$19.92	\$18.65	\$18.65	\$26.57	\$27.76	\$29.09	\$34.31	\$42.68	\$86.01	\$97.06	\$151,43	\$41.48	\$46.70
	TOTAL COST	\$7,533.00	\$240.00	\$420.00	\$3,045.00	\$100.00	\$187.50	\$15,495.00	\$500.00	\$300.00	\$500.00	\$500.00	\$300.00	\$364.00	\$330.00	\$1,505.00	\$1,763.00	\$3,050.00	\$8,775,00	\$7,632.00	\$494.00	\$258.00
MAINLINE CONTRACTING INC	UNIT COST	\$3.00	\$120.00	\$20.00	\$7.00	\$50.00	\$1.50	\$5.00	\$10.00	\$15.00	\$25.00	\$25.00	\$25.00	\$28.00	\$30.00	\$35.00	\$43.00	\$50.00	\$65.00	\$72.00	\$38.00	\$43.00
ESTIMATE	TOTAL COST	\$15,066.00	\$428.00	\$294.00	\$6,525.00	\$100.00	\$125.00	\$133,257.00	\$750.00	\$360.00	\$420.00	\$440.00	\$420.00	\$494.00	\$495.00	\$2,064.00	\$3,198.00	\$5,063.00	\$11,610.00	\$9,540,00	\$650.00	\$318.00
ENGINEER'S E	UNIT COST	\$6.00	\$214.00	\$14.00	\$15.00	\$50.00	\$1.00	\$43.00	\$15.00	\$18.00	\$21.00	\$22.00	\$35.00	\$38.00	\$45.00	\$48.00	\$78.00	\$83.00	\$86.00	\$90.00	\$50.00	\$53.00
	QTY (EST)	2,511.00	2.00	21.00	435.00	2.00	125.00	3,099.00	50.00	20.00	20.00	20.00	12.00	13.00	11.00	43.00	41.00	61.00	135.00	106.00	13.00	6.00
	TIND	SY.	EA	Շ	SY	TON	SY	ζ	ζ	TON	TON	TON	5	ㅂ	4	ㅂ	<u>"</u>	4	5	5	5	۳
	DESCRIPTION OF ITEM	Remove AC Pavement	AASHTO T-180 Soil Test	Topsoil, Stockpile & Replace	Sodding	Hauling & Placing Co-Compost	Seeding, Road Ditch Mix	Excavation, Rock (Trench)	Imported Backfill Material (Trench)	Type I Bedding Material	Type II Foundation Material	Type III Foundation Material	8" PVC Sewer Main (8' - 10')	8" PVC Sewer Main (10' - 12')	8" PVC Sewer Main (12' - 14')	8" PVC Sewer Main (14' - 16')	8" PVC Sewer Main (16' - 18')	8" PVC Sewer Main (18'-20')	8" PVC Sewer Main (20:-22')	8" PVC Sewer Main (22'-24')	8" Certa-Lok C900/RJ (12" - 14")	8" Certa-Lok C900/RJ (14' - 16')
	NO.	3.7	3.8	3.9	3.10	3.11	3,12		3.14	3.15	3.16	3.17	3,18	3.19	3.20	3.21	3.22	3 23	3.24	3.25	3.26	3.27

				ENGINEER'S ESTIMATE	; ESTIMATE	MAINLINE CONTRACTING INC		RAPID CONSTRUCTION LLC	RUCTION LLC	WESTERN MUNICIPAL CONSTRUCTION INC	MUNICIPAL CTION INC	HILLS MATERIAL COMPANY	AL COMPANY
NO.	DESCRIPTION OF ITEM	LIND	QTY (EST)	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
3.28	8" Certa-Lok C900/RJ (16" - 18')	4	35.00	\$85.00	\$2,975.00	\$45.00	\$1,575.00	\$55.07	\$1,927.46	\$235.00	\$8,225.00	\$110.00	\$3,850.00
3.29	8" Certa-Lok C900/RJ (18-20')	F .	217.00	\$88.00	\$19,096.00	\$67.00	\$14,539.00	\$70.60	\$15,320.20	\$235.00	\$50,995.00	\$135.00	\$29,295.00
3.30	8" Certa-Lok C900/RJ (20'-22')	H.	179.00	\$91.00	\$16,289.00	\$75.00	\$13,425.00	\$109.45	\$19,591.55	\$235.00	\$42,065.00	\$160.00	\$28,640.00
3.34	8" Certa-Lok C900/RJ (22-24")	비	215.00	\$95.00	\$20,425.00	\$82.00	\$17,630.00	\$163.82	\$35,221.30	\$235.00	\$50,525.00	\$175.00	\$37,625.00
3.32	4" PVC Sewer Service Line	<u>"</u>	198.00	\$37.00	\$7,326.00	\$65.00	\$12,870.00	\$24.80	\$4,910.40	\$205.00	\$40,590.00	\$60.00	\$11,880.00
3.33	Standard Manhole, 48"	щA	3.00	\$2,850.00	\$8,550.00	\$2,400.00	\$7,200.00	\$2,101.18	\$6,303.54	\$2,800.00	\$8,400.00	\$3,250.00	\$9,750.00
3.34	Termination Manhole, 48"	EA	2.00	\$2,856.00	\$5,712.00	\$2,600.00	\$5,200.00	\$2,018.08	\$4,036.16	\$2,500.00	\$5,000.00	\$2,550.00	\$5,100.00
3.35	Extra Manhole Depth, 48"	٩٧	43.00	\$215.00	\$9,245.00	\$375.00	\$16,125.00	\$221.50	\$9,524.50	\$80.00	\$3,440.00	\$450.00	\$19,350.00
3.36	Connect New Sewer Service	EA	11.00	\$421.00	\$4,631.00	\$1,600.00	\$17,600.00	\$416.70	\$4,583.70	\$100.00	\$1,100.00	\$650.00	\$7,150.00
3.37	Connect To Existing Manhole	EA	1.00	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00	\$720.00	\$720.00	\$800.00	\$800.00	\$250.00	\$250.00
3.38	16" PVC Encasement	4	72.00	\$80.00	\$5,760.00	\$80.00	\$5,760.00	\$59.49	\$4,283.28	\$90.00	\$6,480.00	\$54.00	\$3,888.00
3.39	Erosion Control and Water Pollution Control	SI	1.00	\$3,000.00	\$3,000.00	\$1,600.00	\$1,600.00	\$2,150.00	\$2,150.00	\$500.00	\$500.00	\$250.00	\$250.00
3.40	Erosion Control, Inlet Protection	EA	3.00	\$140.00	\$420.00	\$120.00	\$360.00	\$150.00	\$450.00	\$200.00	\$600.00	\$205.00	\$615.00
3,41	Eroslon Control, Perimeter Control	lt-	120.00	\$4.00	\$480.00	\$5.00	\$600.00	\$5.20	\$624.00	\$4.00	\$480.00	\$4.00	\$480.00
3.42	Aggregate Base Course 3/4"	NOT	847.00	\$21.00	\$17,787.00	\$19.00	\$16,093.00	\$18.46	\$15,635.62	\$15.00	\$12,705.00	\$30.00	\$25,410.00
3.43		TON	707.00	\$152.00	\$107,464.00	\$87.50	\$61,862.50	\$101.85	\$72,007.95	\$88.00	\$62,216.00	\$81.00	\$57,267.00
3.44	l	rs	1.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$800.00	\$800.00	\$550.00	\$550.00
3.45	Relocate Tree (with Tree Spade)	EA	2.00	\$500.00	\$1,000.00	\$550.00	\$1,100.00	\$262.50	\$525.00	\$600.00	\$1,200.00	\$550.00	\$1,100.00
3.46	Traffic Control	SI	1.00	\$1,500.00	\$1,500.00	\$1,300.00	\$1,300.00	\$3,051.00	\$3,051.00	\$3,000.00	\$3,000.00	\$850.00	\$850.00
		5.3			\$462,657.00		\$352,938.00		\$394,352.45		\$460,525.00		\$88
	ALTERNATE NO. 4												

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				ENGINEER'S	ESTIMATE	MAINLINE CONTRACTING INC		RAPID CONSTRUCTION LLC	RUCTION LLC	WESTERN MUNICIPAL CONSTRUCTION INC	AUNICIPAL STION INC	HILLS MATERIAL COMPANY	AL COMPANY
ITEM NO.	DESCRIPTION OF ITEM	LNN	QTY (EST)	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4-	Mobilization	rs	1.00	\$10,000.00	\$10,000.00	\$3,400.00	\$3,400.00	\$3,900.00	\$3,900.00	\$25,000.00	\$26,000.00	\$56,300.00	\$56,300.00
4.2	Incidental	rs	1.00	\$6,000.00	\$6,000.00	\$37,000.00	\$37,000.00	\$8,425.00	\$8,425.00	\$200.00	\$200.00	\$58,125.00	\$58,125.00
6:4	Construction Staking	ΓS	1.00	\$750.00	\$750.00	\$2,000.00	\$2,000.00	\$2,887.50	\$2,887.50	\$1,200.00	\$1,200.00	\$550.00	\$550.00
4.4	Clearing and Grubbing	SJ	1.00	\$1,500.00	\$1,500.00	\$4,400.00	\$4,400.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$1,550.00	\$1,550.00
4.5	Sawing, Asphalt Pavement	ㅂ	1,016.00	\$3.00	\$3,048.00	\$2.00	\$2,032.00	\$2.00	\$2,032.00	\$2.00	\$2,032.00	\$2.50	\$2,540.00
4.6	Remove AC Pavement	SY	1,148.00	\$6.00	\$6,888.00	\$3.00	\$3,444.00	\$5.00	\$5,740.00	\$3.00	\$3,444.00	\$3.65	\$4,190.20
4.7	AASHTO T-180 Soil Test	EA	1.00	\$214.00	\$214.00	\$120.00	\$120.00	\$105.00	\$105.00	\$250.00	\$250.00	\$205.00	\$205.00
8.4	Topsoil, Stockpile & Replace	ζ	17.00	\$14,00	\$238.00	\$20.00	\$340.00	\$5.00	\$85.00	\$5.00	\$85.00	\$110.00	\$1,870.00
6.4	Sodding	SY	150.00	\$15.00	\$2,250.00	\$7.00	\$1,050.00	\$7.35	\$1,102.50	\$12.00	\$1,800.00	\$11.00	\$1,650.00
4.10		TON	2.00	\$50.00	\$100.00	\$50.00	\$100.00	\$30.00	\$60.00	\$65.00	\$130.00	\$62.00	\$124.00
4.11	Excavation, Rock (Trench)	ò	918.00	\$43.00	\$39,474.00	\$5.00	\$4,590.00	\$26.25	\$24,097.50	\$1.00	\$918.00	\$85.00	\$78,030.00
4.12	Imported Backfill Material (Trench)	Շ	150.00	\$15.00	\$2,250.00	\$10.00	\$1,500.00	\$13.67	\$2,050.50	\$1.00	\$150.00	\$11.00	\$1,650.00
4.13		TON	50.00	\$18.00	\$900.00	\$15.00	\$750.00	\$19.92	\$996.00	\$1.00	\$50.00	\$15.25	\$762.50
4 14		TON	50.00	\$21.00	\$1,050.00	\$25.00	\$1,250.00	\$18.65	\$932.50	\$1.00	\$50.00	\$13.00	\$650.00
4 15	1	TON	50.00	\$22.00	\$1,100.00	\$25.00	\$1,250.00	\$18.65	\$932.50	\$1.00	\$50,00	\$15.00	\$750.00
4.16	1	5	362.00	\$35.00	\$12,670.00	\$24.00	\$8,688.00	\$21.71	\$7,859.02	\$130.00	\$47,060.00	\$29.00	\$10,498.00
4.17	$\overline{}$	<u>"</u>	103.00	\$35.00	\$3,605.00	\$25.00	\$2,575.00	0 \$24.82	\$2,556.46	\$130.00	\$13,390.00	\$32.50	\$3,347.50
4.18		I.F	96.00	\$38.00	\$2,508.00	\$26.00	\$1,716.00	\$24.82	\$1,638.12	\$130.00	38,580.00	\$41.25	5 \$2,722.50
4		4	123.00	\$45.00	\$5,535.00	\$28.00	\$3,444.00	0 \$25.97	\$3,194.31	\$130.00	\$15,990.00	\$55.00	\$6,765.00
4.20		느	48.00	\$48.00	\$2,304.00	0 \$30.00	\$1,440.00	0 \$30.47	\$1,462,56	\$130.00	\$6,240.00	\$64.00	\$3,072.00
4.21	-	<u>"</u>	29.00	\$78.00	3 \$2,262.00	0 \$35.00	\$1,015.00	\$37.68	8 \$1,092.72	\$130.00	0 \$3,770.00	0 \$70.00	0 \$2,030.00

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		******		ENGINEER'S	ENGINEER'S ESTIMATE	MAINLINE CONTRACTING INC	NTRACTING	RAPID CONST	RAPID CONSTRUCTION LLC	WESTERN MUNICIPAL CONSTRUCTION INC	MUNICIPAL STION INC	HILLS MATERIAL COMPANY	AL COMPANY
ITEM NO.	DESCRIPTION OF ITEM	LIND	QTY (EST)	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
4.22	4" PVC Sewer Service Line	5	93.00	\$37.00	\$3,441.00	\$35.00	\$3,255.00	\$29.07	\$2,703.51	\$125.00	\$11,625.00	\$42.50	\$3,952.50
4.23	Standard Manhole, 48"	EA	3.00	\$2,850.00	\$8,550.00	\$2,400.00	\$7,200.00	\$2,101.18	\$6,303.54	\$2,500.00	\$7,500.00	\$2,800.00	\$8,400.00
4.24	Extra Manhole Depth, 48"	٧F	16.90	\$215.00	\$3,633,50	\$300.00	\$5,070.00	\$221.50	\$3,743.36	\$80.00	\$1,352.00	\$250,00	\$4,225.00
4.25	Connect New Sewer Service	EA	4.00	\$421.00	\$1,684.00	\$750.00	\$3,000.00	\$422.20	\$1,688.80	\$100.00	\$400.00	\$525.00	\$2,100.00
4.26	Connect To Existing Manhole	EA	1.00	\$1,100.00	\$1,100.00	\$1,000.00	\$1,000.00	\$720.00	\$720.00	\$800.00	\$800.00	\$250.00	\$250.00
4.27	Erosion Control and Water Pollution Control	ĽS	1.00	\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00	\$1,150.00	\$1,150.00	\$500.00	\$500.00	\$250.00	\$250.00
4.28	Erosion Control, Inlet Protection	EA	2.00	\$140.00	\$280.00	\$120.00	\$240.00	\$193.00	\$386.00	\$200.00	\$400.00	\$205.00	\$410.00
4.29	Erosion Control, Perimeter Control	4	175.00	\$4.00	\$700.00	\$5.00	\$875.00	\$4.20	\$735.00	\$4.00	\$700.00	\$4.00	\$700.00
4.30	Aggregate Base Course 3/4"	TON	387.00	\$21.00	\$8,127.00	\$19.00	\$7,353.00	\$18.46	\$7,144.02	\$15.00	\$5,805.00	\$30.00	\$11,610.00
4.31		TON	323.00	\$152.00	\$49,096.00	\$89.00	\$28,747.00	\$101.85	\$32,897.55	\$90.00	\$29,070.00	\$84.00	\$27,132.00
4.32	Traffic Control	r.S	1.00	\$1,500.00	\$1,500.00	\$800.00	\$800.00	\$1,735.00	\$1,735.00	\$2,000.00	\$2,000.00	\$850.00	\$850.00
	TOTAL ALTERNATE NO. 4	4.	ļ		₩.		\$141,644.00		\$131,355.96		\$192,041.00		\$297,261.20
	ALTERNATE NO. 5												
5.1	Mobilization	S	1.00	\$10,000.00	\$10,000.00	\$2,200.00	\$2,200.00	\$3,300.00	\$3,300.00	\$13,000.00	\$13,000.00	\$52,500.00	\$52,500.00
5.2	Incidental	rs	1.00	\$6,000.00	\$6,000.00	\$27,500.00	\$27,500.00	\$5,742.50	\$5,742.50	\$200.00	\$200.00	\$50,560.00	\$50,560.00
5.3	Construction Staking	rs	1.00	\$750.00	\$750.00	\$1,100.00	\$1,100.00	\$2,887.50	\$2,887.50	\$1,100.00	\$1,100.00	\$705.00	\$705.00
5.4	Clearing and Grubbing	Ę.	1,00	\$1,500.00	\$1,500.00	\$4,000.00	\$4,000.00	\$200.00	\$200.00	\$500.00	\$500.00	\$1,550.00	\$1,550.00
5.5	Remove Gravel Surfacing	λ	31.00	\$8.00	\$248.00	\$20.00	\$620.00	\$2.00	\$62.00	\$1.00	\$31.00	\$9.00	\$279.00
5.6	Sawing, Asphalt Pavement	ጘ	95.00	\$3.00	\$285.00	\$2.00	\$190.00	\$2.00	\$190.00	\$2.00	\$190.00	\$2.50	\$237.50
5.7	Remove AC Pavement	λs	1,003.00	\$6.00	\$6,018.00	\$3.00	\$3,009.00	\$5.00	\$5,015.00	\$3.00	\$3,009.00	\$2.75	\$2,758.25
5.8	AASHTO T-180 Soil Test	EA	1.00	\$214.00	\$214.00	\$120.00	\$120.00	\$105.00	\$105.00	\$250.00	\$250.00	\$205.00	\$205.00

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Compaction Com					ENGINEER'S ES	S ESTIMATE	MAINLINE CONTRACTING INC	NTRACTING C	RAPID CONST	RAPID CONSTRUCTION LLC	WESTERN	WESTERN MUNICIPAL CONSTRUCTION INC	HILLS MATER	HILLS MATERIAL COMPANY
Processor Secretary Regimes Cy 30,00 514	NO.	DESCRIPTION OF ITEM	TINO	QTY (EST)		TOTAL COST		TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
Security	5.9	Topsoil, Stockpile & Replace	≿	30.00	\$14.00	\$420.00	\$20.00	\$600.00					\$85.00	\$2,550.00
From the field of	5.10	Sodding		260.00	\$15.00	\$3,900.00	\$7.00	\$1,820.00			\$12,00		\$11.00	\$2,860.00
Proceedings Proceedings Processor	5.11	Hauling & Placing Co-Compost	NO.	3.00	\$50.00		\$50.00	\$150.00		\$300.00	-		\$62,00	\$186.00
Type Leading Material (Trench) CY 60.00 \$18.00 \$10.00 \$10.00 \$10.00 \$19.00	5.12	Excavation, Rock (Trench)	Շ	730.00	\$43.00		\$5.00	\$3,650.00			\$1.00		\$85.00	\$62,050.00
Type I Endeding Meterfel TON 60.00 \$120.00 \$10.00 \$10.00 \$120.00 \$10.00	5.13	Imported Backfill Material (Trench)	ò	60.00	\$15.00			\$600.00					\$11.00	\$660.00
Type II Foundation Material TON 6000 \$21,00 0 \$1,0000 \$26.00 \$1,260.00 \$16.65 \$18.00 \$10.00 \$	5.14	Type I Bedding Material	NOT	50.00	\$18.00			\$750.00		;	\$1.00		\$15.25	\$762.50
Type III Foundation Material TON 55.0.00 \$1.00.0	5.15	Type II Foundation Material	NOT	50.00	\$21.00		\$25.00	\$1,250.00				m	\$13.00	\$650.00
gr PVC Sewer Main (12 - 14) LF 27.00 \$55.00 \$25.00	5,16	Type III Foundation Material	NOT	50.00	\$22.00	ļ	\$25.00	\$1,250.00			\$1.00		\$15.00	\$750.00
Gr PVC Sewer Main (17 - 14) LF 23 00 \$365.00 \$25.00 \$596.00 \$27.00 \$596.00 \$24.80 \$24.82 \$570.66 \$170.00 \$3.370.00 Gr PVC Sewer Main (17 - 14) LF 24.00 \$96.00 \$1.266.00 \$27.00 \$596.00 \$27.00 \$3.400.00 Gr PVC Sewer Main (17 - 14) LF 27.00 \$46.00 \$1.266.00 \$32.00 \$766.00 \$24.60.00 \$3.740.00 \$4.600.00 \$3.740.00 \$4.600.00 \$3.740.00 \$4.600.00 \$3.740.00 \$4.600.00 \$3.740.00 \$3.740.00 \$4.600.00 \$3.740.	5,17	8" PVC Sewer Main (6' - 8')	ᆈ	27.00	\$35.00			\$675.00			\$170.00		\$29.00	\$783.00
87 PVC Sewer Main (10*-12") LF 22.00 \$1,000.00 \$27.00 \$1,000.00 \$27.00 \$1,000.00 \$27.00 \$1,000.00 \$27.00 \$1,000.00 \$27.00 \$1,000.00 \$27.00 \$1,000.00 \$1,000.00 \$27.00 \$1,000.00 <td>5.18</td> <td></td> <td>L.</td> <td>23.00</td> <td>\$35.00</td> <td></td> <td>:</td> <td>\$598.00</td> <td></td> <td></td> <td></td> <td></td> <td>\$32.50</td> <td>\$747.50</td>	5.18		L.	23.00	\$35.00		:	\$598.00					\$32.50	\$747.50
8° PVC Sewer Main (12·14) LF 24.00 \$46.00 \$1.060.00 \$32.00 \$766.00 \$25.57 \$623.28 \$170.00 \$4.080.00 8° PVC Sewer Main (14·16) LF 27.00 \$46.00 \$1.206.00 \$32.00 \$32.00 \$30.47 \$822.89 \$170.00 \$4.580.00 8° PVC Sewer Main (16·18) LF 191.00 \$14.896.00 \$1.300.0 \$2.300.0 \$37.66 \$1.700.0 \$1.700.0 \$4.580.00 8° PVC Sewer Main (16·18) LF 191.00 \$14.820.00 \$1.000.0 \$2.300.00 \$2.300.00 \$37.66 \$1.700.00 <td>5,19</td> <td></td> <td>님</td> <td>22.00</td> <td>\$38.00</td> <td></td> <td></td> <td>\$594.00</td> <td></td> <td></td> <td></td> <td></td> <td>\$41.25</td> <td>\$907.50</td>	5,19		님	22.00	\$38.00			\$594.00					\$41.25	\$907.50
8" PVC Sewer Main (14"-16") 8" PVC Sewer Main (14"-16") 8" PVC Sewer Main (14"-16") 8" PVC Sewer Main (16"-16") 8" PVC Sewer Mai	5.20	1	片	24.00	\$45.00		:	\$768.00					\$45.00	\$1,080.00
8" PVC Sewer Main (16"-18") LF 64.00 \$178.00 \$14,898.00 \$50.00 \$2,700.00 \$56.01 \$37.68 \$7.196.88 \$170.00 \$52,470.00 4" PVC Sewer Main (18"20") LF 64.00 \$83.00 \$1,482.00 \$50.00 \$2,700.00	5.21	8" PVC Sewer Main (14' - 16')	Ŧ	27.00	\$48.00								\$62.00	\$1,674.00
8° PVC Sewer Main (18-20') LF 54.00 \$83.00 \$50.00	5.22		<u>"</u>	191.00	\$78.00			\$8,213.00					\$70.00	\$13,370.00
4" PVC Sewer Service Line LF 58.00 \$37.00 \$2.146.00 \$40.00 \$2,320.00 \$79.07 \$1,686.06 \$160.00 \$9.280.00 \$5.000.00 \$5	5.23		띡	64.00	\$83.00			\$2,700.00					\$76.00	\$4,104.00
Standard Manhole, 48" EA 2.00 \$2,850.00 \$2,400.00 \$4,800.00 \$2,101.18 \$4,202.36 \$2,500.00 \$5,000.00 <t< td=""><td>5.24</td><td></td><td>ᅫ</td><td>58.00</td><td>\$37.00</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td>\$38.00</td><td>\$2,204.00</td></t<>	5.24		ᅫ	58.00	\$37.00								\$38.00	\$2,204.00
Extra Manhole Depth, 48" VF 12.80 \$215.00 \$300.00 \$3,840.00 \$221.50 \$2,835.20 \$80.00 \$1,024.00 Connect New Sewer Service EA 2.00 \$421.00 \$41,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$1,000.00 \$200.00	5.25		EA	2.00	\$2,850.00			\$4,800.00					\$2,800.00	\$5,600.00
Connect New Sewer Service EA 2.00 \$421.00 \$1,000.00 \$2,000.00 \$422.20 \$844.40 \$100.00 \$200.00 Connect To Existing Marricle EA 1.00 \$1,100.00 \$1,000.00 \$1,000.00 \$720.00 \$800.00 \$800.00 Ensign Control and Water Pollution Control LS 1.00 \$1,500.00 \$1,500.00 \$1,160.00 \$1,160.00 \$1,160.00 \$300.00	5.26		₩	12.80	\$215.00								\$250.00	\$3,200.00
Connect To Existing Marriale EA 1.00 \$1,100.00 \$1,000.00 \$1,000.00 \$720.00 \$720.00 \$800.00 Erosion Control and Water Pollution Control LS 1.00 \$1,500.00 \$1,500.00 \$800.00 \$1,160.00 \$1,160.00 \$300.00	5.27		EA	2:00	\$421.00			\$2,000.00					\$525.00	\$1,050.00
Erosion Control and Water Pollution Control LS 1.00 \$1,500.00 \$1,500.00 \$1,500.00 \$1,500.00 \$300.00 \$300.00	5.28		EA	1.00	\$1,100.00								\$250.00	\$250.00
	5.29			1,00	\$1,500.00								\$250.00	\$250.00

TEM DESCRIPTION OF ITEM UNIT COST TOTAL COST														
Erosion Control, Inlet Protection EA 1.00 \$140.00 \$120.00 \$150.					ENGINEER'S	SESTIMATE	MAINLINE CO	ONTRACTING C	RAPID CONST	RUCTION LLC	WESTERN CONSTRU	MUNICIPAL CTION INC	HILLS MATER	HILLS MATERIAL COMPANY
Erosion Control, Inlet Protection EA 1.00 \$140.00 \$120.00 \$150.00 \$150.00 \$150.00 \$200.00 Erosion Control, Inlet Protection LF 35.00 \$4.00 \$140.00 \$5.00 \$150.00 \$105.00	ITEM NO.		N P		UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST	UNIT COST	TOTAL COST
Erosion Control, Perimeter Control LF 35.00 \$4.00 \$14.00 \$14.00 \$15.00 \$19.00 \$17.00 \$19.00 \$18.46 \$105.00 \$105.00 \$15.00 \$19.00 \$19.00 \$19.00 \$11.	5.30		Ā	1.00	\$140.00	\$140.00		\$120.00			\$200.00	\$200.00	\$205.00	\$205.00
Act Patiching, Class G Type I PG64-28 TON 28.00 \$15.00 \$15.00 \$15.00 \$15.00 \$10.00 \$11.390.00 \$11.3	5.31	Erasion Control, Perimeter Control	4	35.00	\$4.00			\$175.00				\$140.00	\$4.00	\$140.00
Cravel Surfacing, 6" Thick, Permanent TON 31.00 \$20.00 \$620.00 \$73.00 \$713.00 \$18.46 \$572.26 \$40.00 AC Patching, Class G Type PG64-28	5.32		NO.	338.00	\$21.00	\$7,098.00		\$6,422.00				\$5,070.00	\$30.00	\$10,140.00
AC Patching, Class G Type i PG84-28 TON 282.00 \$152.00 \$42,864.00 \$89.00 \$25,098.00 \$101.85 \$28,721.70 \$90.00 \$ Traffic Control LS 1.00 \$1,500.00 \$1,500.00 \$800.00 \$1,682.50 \$1,682.50 \$1,682.50 \$1,200.00 \$1,500.00 \$1,000.00 \$	5.33		NO NO		\$20.00	\$620.00		\$713.00				\$1,240.00	\$30.00	\$930,00
Traffic Control LS 1.00 \$1.500.00 \$1.500.00 \$800.00 \$1.682.50 \$1.682.50 \$1.00.00 \$1.00	5.34		Š Š		\$152.00			\$25,098.00				\$25,380.00	\$84.00	\$23,688.00
\$165,569.00 \$111,390.00 \$105,116.12	5.35		ST	1.00	\$1,500.00			\$800.00			***	\$1,200.00	\$900.00\$	\$900.00
		TOTAL ALTERNATE N	0.5			\$155,569.00		\$111,390.00		\$105,116.12		\$135,079.00		\$250,486.25

CITY OF RAPID CITY

William De Joseph Group Coordinat

