

City of Neenah Board of Public Works Agenda Thursday, February 9, 2023 at 11:00 AM Neenah City Hall Hauser Room 211 Walnut Street

NOTICE IS HEREBY GIVEN, pursuant to the requirements of Wis. Stats. Sec. 19.84, that a majority of the Neenah Common Council may be present at this meeting. Common Council members may be present to gather information about a subject over which they have decision-making responsibility. This may constitute a meeting of the Neenah Common Council and must be noticed as such. The Council will not take any formal action at this meeting.

- I. Approval of the minutes of the January 31, 2023 meeting. (Minutes can be found on the City web site)
- II. Appearances.
- III. Unfinished Business.
- IV. New Business.
 - A. Public Works
 - Award Contract 1-23, Street, Sanitary & Storm Sewer and Water Main Construction on Burr Ave., Chestnut St., Dieckhoff St., and Laudan Blvd. to Don E. Parker Excavating, Hortonville in an amount of \$2,474,739.50. (Attachment)
 - 2. Award Contract 2-23, Sewer, Water Main & Water Services, and Street Construction on Brantwood Dr., Brantwood Ct., Charles Ct., Hughes Ct., Memorial Ct., and Patrick Ct., to David Tenor Corporation, in an amount of \$1,077,298.50. (Attachment)
- V. Any announcements/questions for the Board.
- VI. Adjournment.

In accordance with the requirements of Title II of the Americans with Disabilities Act (ADA), the City of Neenah will not discriminate against qualified individuals with disabilities on the basis of disability in its services, programs, or activities. If you need assistance, or reasonable accommodation in participating in this meeting or event due to a disability as defined under the ADA, please call the Clerk's Office (920) 886-6100 or the City's ADA Coordinator at (920) 886-6106 or e-mail attorney@ci.neenah.wi.us at least 48 hours prior to the scheduled meeting or event to request an accommodation.

Minutes of the Board of Public Works Meeting Tuesday, January 31, 2023 at 1:00 p.m.

<u>MEMBERS PRESENT</u>: Mayor Lang, Director of Public Works Kaiser, Deputy Director of Finance Kahl, Director of Community Development & Assessment Haese, and Alderpersons Lendrum and Hillstrom. City Attorney Rashid was excused.

ALSO PRESENT: City Clerk Nagel.

CALL TO ORDER: Mayor Lang called the meeting to order at 1:05 p.m.

- I. Approval of the minutes of the January 10, 2023 meeting. (Minutes can be found on the City web site)

 MSC Haese/Kaiser to approve the meeting minutes as written, all voting aye.
- II. Appearances. None.
- III. Unfinished Business. None.
- IV. New Business.
 - A. Public Works

. Change Order No.1, Contract 2-22, Sanitary Sewer and laterals, Water Services and Street Construction on Dieckhoff Street and Grove Street, Donald Hieptas & Sons Inc., Little Chute, for rock removal and extra gravel in an amount of \$11,273.88. (Attachment)

MSCKaiser/Haese to approve, all voting aye.

Discussion: The change order is due to unexpected rock removal and backfill in the excavation area.

 Change Order No.2, Contract 2-22, Sanitary Sewer and laterals, Water Services and Street Construction on Dieckhoff Street and Grove Street, Donald Hieptas & Sons Inc., Little Chute, for extra plumbing and footing removal, in an amount of \$4,785.00. (Attachment)

MSC Kaiser/Lendrum to approve, all voting aye.

Discussion: The change order is for plumbing and footing removal on about 13 properties. When cast iron piping is connected to the lateral, the piping has to be removed and replaced in order to do pipe bursting.

3. Change Order No.3, Contract 2-22, Sanitary Sewer and laterals, Water Services and Street Construction on Dieckhoff Street and Grove Street, Donald Hieptas & Sons Inc., Little Chute, final quantity adjustments, in an amount of \$18,993.43. (Attachment)

MSC Kaiser/Lendrum to approve, all voting aye.

Discussion: This change order is for final quantities adjustments for the project as a whole. There were less sanitary sewer and lateral connections and more street adjustments than anticipated. Street adjustments included sidewalk and driveway repairs or replacements where WE Energies lines ran through. These street adjustments are reimbursable by WE Energies.

Info. Only

Info. Only

4. Final Pay Request, Contract 2-22, Sanitary Sewer and laterals, Water Services and Street Construction on Dieckhoff Street and Grove Street, Donald Hieptas & Sons Inc., Little Chute, in an amount of \$130,491.61. (Attachment)

MSC Kaiser/Haese to approve, all voting aye.

Discussion: The final payment incorporates the above three change orders. This project was on budget throughout the contract.

B. Water Utility

1. Pay Request 1 for Contract 11A-22 Water Service Replacement Reddin Avenue and Zemlock Avenue, in the amount of \$378,621.75, to Donald Hietpas & Sons Inc., Little Chute, WI. (Attachment)

MSC Haese/Kaiser to approve, all voting aye.

Discussion: Other than restoration, this project is complete from the water side of the project. There were 93 residential replacements completed on this contract.

- IV. Any announcements/questions for the Board.
 - A. None.
- V. Adjournment.

MSC Lendrum/Haese to adjourn, all voting aye. Meeting adjourned at 1:18 p.m.

Respectfully Submitted, Lhadotte K. Nazel

Charlotte Nagel City Clerk





MEMORANDUM

DATE: February 7, 2023

TO: Mayor Lang and Members of the Board of Public Works

FROM: Gerry Kaiser, Director of Public Works

RE: Award Recommendation for Contract 1-23.

Attached to this memo is the bid tabulation for Contract 1-23. Chestnut, Burr, Dieckhoff, and Laudan Utility and Street Construction. The table below summarizes the bid result and compare the bid components to the budgets for each of the types of work within this contract.

2023 Contract Summary								
Contract 1-23								
					В	ase Amount	-	Alt. Amount
					C	Over (Under)	C	Over (Under)
						Budget		Budget
Chestnut/Dieckhoff		Budget	Base Bid	Alt. Bid				
Burr/Laudan	Street	\$ 974,000.00	\$ 856,298.50	\$ 1,091,214.70	\$	(117,701.50)	\$	117,214.70
	Water	\$ 699,000.00	\$ 699,549.00	\$ 699,549.00	\$	549.00	\$	549.00
	Sanitary	\$ 800,000.00	\$ 669,756.55	\$ 669,756.55	\$	(130,243.45)	\$	(130,243.45)
	Storm	\$ 257,000.00	\$ 249,135.45	\$ 249,135.45	\$	(7,864.55)	\$	(7,864.55)
	Total	\$ 2,730,000.00	\$ 2,474,739.50	\$ 2,709,655.70	\$	(255,260.50)	\$	(20,344.30)

As shown, Contract 1-23 had a base bid of asphalt pavement and an alternate bid of concrete pavement for the street paving. A life-cycle cost analysis of the two options was performed which factors the initial cost and the ongoing 50-year maintenance/repair cost for the pavement to develop a present worth roadway cost. This calculation developed a present worth roadway cost per foot of \$350.65 for the asphalt pavement option and \$365.90 for the concrete pavement option. The lower present worth cost indicates that the asphalt pavement option has a lower overall cost for the life of the pavement.

Staff recommends award of Contract 1-23 using the base bid for asphalt pavement to Don E. Parker Excavating in the amount of \$2,474,739.50.

Contract 1-23
Street, Sanitary & Storm Sewer, and Water Main Construction
Burr Avenue, Chestnut Street, Dieckhoff Street, and Laudan Boulevard

]	Burr Aven	ue, Chestnut	Street, Died	khoff Street,	and Laudan	Boulevard												
					Engineer		Don E Parker		Don Hietpas and Sons		Robert Immel		David Tenor		Carl Bowers & Sons Const		Kruczek Construction				De Groot		Advance Construction		Jossart		Superior Sewer	
					Engineer Estimate		Excavating		Inc.		Excavating		Corporation		Co. Inc.		Inc.		Dorner Inc.		Inc.		Inc.		Brothers, Inc.		and Water inc.	
Line	tem Code	Item Description	Unit of	QTY	Unit	Extension	Unit	Extension	Unit	Extension	Unit	Extension	Unit	Extension	Unit	Extension	Unit	Extension	Unit	Extension	Unit	Extension	Unit	Extension	Unit	Extension U	Jnit I	Extension
Item	Base Bid Sanitary		Measure		Price		Price		Price		Pricw		Price		Price		Price		Price		Price		Price		Price	I	Price	
	Dase Did Saintary	Furnish and Relay 8-inch PVC Sanitary															1		Ī									
1	01.3	Sewer Furnish and Relay 10-inch PVC Sanitary	Lin. Ft.	2680	\$90.00	\$241,200.00	\$76.75	\$205,690.00	\$87.00	\$233,160.00	\$87.70	\$235,036.00	\$85.00	\$227,800.00	\$94.00	\$251,920.00	\$83.00	\$222,440.00	\$90.00	\$241,200.00	\$96.90	\$259,692.00	\$109.00	\$292,120.00	\$111.00	\$297,480.00	\$93.00	\$249,240.00
2	01.4	Sewer	Lin. Ft.	337	\$100.00	\$33,700.00	\$86.35	\$29,099.95	\$96.00	\$32,352.00	\$91.40	\$30,801.80	\$101.00	\$34,037.00	\$104.50	\$35,216.50	\$93.00	\$31,341.00	\$102.00	\$34,374.00	\$135.43	\$45,639.91	\$128.00	\$43,136.00	\$118.00	\$39,766.00	\$100.00	\$33,700.00
2	02.2	Furnish and Relay 6 inch Sanitary	. D	1000	ф100 00	Ф100 000 00	000.45	ф1.4.4.010.00	фо г 00	ф1 7 1 000 00	#00.40	ф1.50.1 2 0.00	φ 7 0.00	ф1 2 с 000 00	Φ05.50	ф1 52 000 00	фо 2 оо	Φ1.67.600.00	# 00.00	ф1.4.4.000.00	ф0 c П 4	Φ1.5.c. 1.22.00	ф114 OO	Φ207 200 00	#1.40.00	Ф252 000 00	Ф07.00	¢171 000 00
3	02.3	Lateral in ROW Furnish and Relay 6 inch Sanitary	Lin. Ft.	1800	\$100.00	\$180,000.00	\$80.45	\$144,810.00	\$95.00	\$171,000.00	\$88.40	\$159,120.00	\$70.00	\$126,000.00	\$85.50	\$153,900.00	\$92.00	\$165,600.00	\$80.00	\$144,000.00	\$86.74	\$156,132.00	\$114.00	\$205,200.00	\$140.00	\$252,000.00	\$95.00	\$171,000.00
4	02.4	Lateral ROW to House	Lin. Ft.	100	\$70.00	\$7,000.00	\$61.60	\$6,160.00	\$60.00	\$6,000.00	\$50.00	\$5,000.00	\$42.00	\$4,200.00	\$60.00	\$6,000.00	\$64.00	\$6,400.00	\$75.00	\$7,500.00	\$90.90	\$9,090.00	\$62.00	\$6,200.00	\$100.00	\$10,000.00	\$60.00	\$6,000.00
5	02.6	Reconnect Lateral to Main	Each	2	\$1,000.00	\$2,000.00	\$240.00	\$480.00	\$560.00	\$1,120.00	\$650.00	\$1.300.00	\$450.00	\$900.00	\$400.00	\$800.00	\$350.00	\$700.00	\$769.00	\$1,538.00	\$2,020,00	\$4.040.00	\$800.00	\$1.600.00	\$500.00	\$1,000.00	\$1,425.00	\$2.850.00
		Furnish and Pipeburst 4-inch Sanitary			+ -,00000	, , , , , , , , ,			, , , , , ,	. ,		7 2,0 0 0 0 0			1 22722	7 0 0 0 10 0		,		. ,		, , ,	700000	, , , , , , , , , , , , , , , , , , , ,	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	. ,	. ,	, , ,
6	03.1	Lateral Furnish and Pipeburst 6-inch Sanitary	Lin. Ft.	2800	\$15.00	\$42,000.00	\$5.15	\$14,420.00	\$5.00	\$14,000.00	\$5.10	\$14,280.00	\$5.10	\$14,280.00	\$5.00	\$14,000.00	\$5.00	\$14,000.00	\$5.30	\$14,840.00	\$5.20	\$14,560.00	\$5.00	\$14,000.00	\$5.25	\$14,700.00	\$10.83	\$30,324.00
7	03.2	Lateral	Lin. Ft.	200	\$30.00	\$6,000.00	\$20.60	\$4,120.00	\$20.00	\$4,000.00	\$20.40	\$4,080.00	\$20.40	\$4,080.00	\$20.00	\$4,000.00	\$20.00	\$4,000.00	\$21.10	\$4,220.00	\$20.81	\$4,162.00	\$20.00	\$4,000.00	\$21.00	\$4,200.00	\$34.20	\$6,840.00
8	03.3	Reconnect Sanitary Lateral at Foundation - Pipeburst	Each	5	\$1.500.00	\$7,500.00	\$1,545.00	\$7.725.00	\$1,500.00	\$7,500.00	\$1.530.00	\$7,650,00	\$1,530.00	\$7.650.00	\$1,500.00	\$7,500.00	\$1,500.00	\$7,500,00	\$1,584.00	\$7,920.00	\$1.560.45	\$7,802.25	\$1.500.00	\$7,500.00	\$1,575.00	\$7,875.00	\$2,140.00	\$10,700.00
8		Reconnect Under Basement Floor -	Each	3	φ1,500.00	Ψ1,500.00	Ψ1,545.00	\$1,123.00	ψ1,500.00	φ1,300.00	ψ1,330.00	\$7,030.00	ψ1,550.00	Ψ1,030.00	\$1,500.00	Ψ7,500.00	φ1,500.00	\$7,500.00	\$1,564.00	ψ1,720.00	\$1,500.45	\$1,002.23	ψ1,500.00	Ψ1,500.00	ψ1,575.00	\$1,013.00	Ψ2,140.00	\$10,700.00
9	03.4	Pipeburst Remove Building Footing to allow	Each	74	\$3,000.00	\$222,000.00	\$2,678.00	\$198,172.00	\$2,600.00	\$192,400.00	\$2,650.00	\$196,100.00	\$2,860.00	\$211,640.00	\$2,600.00	\$192,400.00	\$2,654.00	\$196,396.00	\$2,745.00	\$203,130.00	\$2,704.78	\$200,153.72	\$2,600.00	\$192,400.00	\$2,730.00	\$202,020.00	\$2,622.00	\$194,028.00
10		Pipeburst	Each	5	\$500.00	\$2,500.00	\$309.00	\$1,545.00	\$300.00	\$1,500.00	\$305.00	\$1,525.00	\$310.00	\$1,550.00	\$300.00	\$1,500.00	\$305.00	\$1,525.00	\$317.00	\$1,585.00	\$312.09	\$1,560.45	\$300.00	\$1,500.00	\$315.00	\$1,575.00	\$206.00	\$1,030.00
11	03.5	Extra Hola Dinaburat	Fach	2	\$500.00	¢1 500 00	\$515.00	¢1 545 00	\$500.00	¢1 500 00	\$510.00	¢1 520 00	¢510.00	\$1,530.00	\$500.00	¢1 500 00	\$510.00	¢1 520 00	\$528.00	¢1 504 00	\$520.15	¢1 560 45	\$500.00	\$1,500.00	\$525.00	¢1 575 00	\$514.00	¢1 540 00
11	.03.3	Extra Hole - Pipeburst	Each	3	φυυυυ	\$1,500.00	φ515.00	\$1,545.00	φυιυυ	\$1,500.00	\$510.00	\$1,530.00	\$510.00	\$1,330.00	\$300.00	\$1,500.00	\$310.00	\$1,530.00	\$5 28.00	\$1,584.00	\$520.15	\$1,560.45	φ300.00	φ1,300.00	φ <i>32</i> 3.00	\$1,575.00	\$314.UU	\$1,542.00
12	04.1	Furnish and Install Standard Manhole	Ver. Ft.	92	\$475.00	\$43,700.00	\$506.80	\$46,625.60	\$520.00	\$47,840.00	\$535.00	\$49,220.00	\$542.00	\$49,864.00	\$400.00	\$36,800.00	\$553.00	\$50,876.00	\$599.00	\$55,108.00	\$708.12	\$65,147.04	\$430.00	\$39,560.00	\$590.00	\$54,280.00	\$459.00	\$42,228.00
13	05.1	Abandon Sanitary Manhole	Each	2	\$500.00	\$1,000.00	\$350.00	\$700.00	\$750.00	\$1,500.00	\$760.00	\$1,520.00	\$400.00	\$800.00	\$400.00	\$800.00	\$375.00	\$750.00	\$378.00	\$756.00	\$656.50	\$1,313.00	\$300.00	\$600.00	\$500.00	\$1,000.00	\$620.00	\$1,240.00
1.4	05.2	Adjust Sanitary Manhole	Each	3	\$600.00	\$1,800.00	\$650.00	\$1,950.00	\$350.00	\$1,050.00	\$1,100,00	\$3,300.00	\$450.00	\$1.350.00	\$400.00	\$1.200.00	\$700.00	\$2,100.00	\$659.00	\$1,977.00	\$757.50	\$2,272.50	\$500.00	\$1,500.00	\$650.00	\$1,950.00	\$248.00	\$744.00
14	03.2	August Saintary Wannoic	Each	3	φοσο.σσ	Ψ1,000.00	φ030.00	\$1,730.00	ψ330.00	φ1,030.00	\$1,100.00	\$3,300.00	ψ430.00	ψ1,550.00	φ+00.00	ψ1,200.00	\$700.00	Ψ2,100.00	ψ037.00	ψ1,777.00	Ψ131.30	\$2,212.30	ψ300.00	φ1,500.00	ψ0.00.00	\$1,730.00	Ψ240.00	\$744.00
15	05.6	Remove Sanitary Manhole Clean and Televise Sewer (Sanitary	Each	14	\$500.00	\$7,000.00	\$200.00	\$2,800.00	\$360.00	\$5,040.00	\$850.00	\$11,900.00	\$400.00	\$5,600.00	\$400.00	\$5,600.00	\$375.00	\$5,250.00	\$452.00	\$6,328.00	\$505.00	\$7,070.00	\$500.00	\$7,000.00	\$300.00	\$4,200.00	\$730.00	\$10,220.00
16	06.1	only)	Lump Sum	1	\$10,000.00	\$10,000.00	\$3,914.00	\$3,914.00	\$3,825.00	\$3,825.00	\$3,250.00	\$3,250.00	\$4,160.00	\$4,160.00	\$3,750.00	\$3,750.00	\$7,744.00	\$7,744.00	\$4,268.00	\$4,268.00	\$4,292.50	\$4,292.50	\$4,046.80	\$4,046.80	\$4,500.00	\$4,500.00	\$3,860.00	\$3,860.00
Total S	nitary Bid					\$808,900.00		\$669,756.55		\$723,787.00		\$725,612.80		\$695,441.00		\$716,886.50		\$718,152.00		\$730,328.00		\$784,487.82		\$821,862.80		\$898,121.00		\$765,546.00
Total S	mary Dia					ψουο, 200.00		ψουν, 150.55		Ψ123,101.00		ψ125,012.00		ψυνο, ττι.υυ		Ψ710,000.50		ψ/10,132.00		Ψ130,320.00		ψ104,401.02		ψ021,002.00		ψ070,121.00		Ψ703,540.00
	Base Bid Water	Furnish & Install 6-inch PVC C-900					1										1						Т					
17	201.1.1	Main	Lin. Ft.	40	\$80.00	\$3,200.00	\$213.80	\$8,552.00	\$100.00	\$4,000.00	\$198.00	\$7,920.00	\$270.00	\$10,800.00	\$142.00	\$5,680.00	\$176.00	\$7,040.00	\$141.00	\$5,640.00	\$95.95	\$3,838.00	\$185.00	\$7,400.00	\$110.00	\$4,400.00	\$1,144.00	\$45,760.00
18	201.1.2	Furnish & Install 8-inch PVC C-900	Lin. Ft.	3400	\$85.00	\$289,000.00	\$84.70	\$287,980.00	\$82.50	\$280,500.00	\$86.70	\$294,780.00	\$88.00	\$299,200.00	\$95.50	\$324,700.00	\$94.00	\$319,600.00	\$99.00	\$336,600,00	\$97.68	\$332,112.00	\$100.00	\$340,000.00	\$119.00	\$404,600.00	\$102.00	\$346,800.00
		Furnish & Install 12-inch PVC C-900	<u> </u>	3100	, , , , ,	,,			·	. ,			·						122.22	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	12.77.2	. ,	,		·			,
19	201.1.4	Main Furnish & Install 1.25-inch PE Water	Lin. Ft.	610	\$100.00	\$61,000.00	\$125.50	\$76,555.00	\$122.50	\$74,725.00	\$122.00	\$74,420.00	\$133.00	\$81,130.00	\$140.00	\$85,400.00	\$141.00	\$86,010.00	\$142.00	\$86,620.00	\$137.18	\$83,679.80	\$155.00	\$94,550.00	\$146.00	\$89,060.00	\$145.00	\$88,450.00
20	202.1.2	Service in ROW by Trenching	Lin. Ft.	1600	\$65.00	\$104,000.00	\$57.00	\$91,200.00	\$60.00	\$96,000.00	\$71.00	\$113,600.00	\$50.00	\$80,000.00	\$73.00	\$116,800.00	\$61.00	\$97,600.00	\$59.00	\$94,400.00	\$56.28	\$90,048.00	\$42.00	\$67,200.00	\$92.00	\$147,200.00	\$78.00	\$124,800.00
21	202.2.2	Furnish & Install 1.25-inch PE Water Service in ROW by Pulling	Lin. Ft.	100	\$60.00	\$6,000.00	\$15.00	\$1,500.00	\$50.00	\$5,000.00	\$71.00	\$7,100.00	\$28.00	\$2,800.00	\$30.00	\$3,000.00	\$61.00	\$6,100.00	\$35.00	\$3,500.00	\$56.56	\$5,656.00	\$30.00	\$3,000.00	\$31.50	\$3,150.00	\$63.00	\$6,300.00
		Furnish & Install 1.25-inch PE Water			·	. ,			·	. ,		. /		. ,		. ,	1			. ,		. ,		. ,	·			. ,
22	202.3.2	Service in ROW by Drilling Furnish & Install 1.25-inch PE Water	Lin. Ft.	100	\$60.00	\$6,000.00	\$30.90	\$3,090.00	\$50.00	\$5,000.00	\$71.00	\$7,100.00	\$40.00	\$4,000.00	\$30.00	\$3,000.00	\$30.00	\$3,000.00	\$31.70	\$3,170.00	\$85.85	\$8,585.00	\$30.00	\$3,000.00	\$31.50	\$3,150.00	\$32.00	\$3,200.00
23	202.4.2	Service from ROW to Structure by	Lin. Ft.	100	\$50.00	\$5,000.00	\$30.90	\$3,090.00	\$30.00	\$3,000.00	\$31.00	\$3,100.00	\$30.75	\$3,075.00	\$30.00	\$3,000.00	\$30.00	\$3,000.00	\$31.70	\$3,170.00	\$31.21	\$3,121.00	\$32.00	\$3,200.00	\$31.50	\$3,150.00	\$62.00	\$6,200.00
24	202.5.2	Furnish & Install 1.25-inch PE Water Service from ROW to Structure by	Lin. Ft.	100	\$60.00	\$6,000.00	\$30.90	\$3,090.00	\$30.00	\$3,000.00	\$31.00	\$3,100.00	\$30.75	\$3,075.00	\$30.00	\$3,000.00	\$30.00	\$3,000.00	\$31.70	\$3,170.00	\$31.21	\$3,121.00	\$30.00	\$3,000.00	\$31.50	\$3,150.00	\$32.00	\$3,200.00
		Furnish & Install 1.25-inch PE Water		400		. ,			·			. ,		,								·		. ,	·			,
25	202.6.2	Service from ROW to Structure by Furnish & Install 1.25-inch PE Service	Lin. Ft.	100	\$60.00	\$6,000.00	\$30.90	\$3,090.00	\$30.00	\$3,000.00	\$31.00	\$3,100.00	\$30.75	\$3,075.00	\$30.00	\$3,000.00	\$30.00	\$3,000.00	\$31.70	\$3,170.00	\$31.21	\$3,121.00	\$30.00	\$3,000.00	\$31.50	\$3,150.00	\$32.00	\$3,200.00
26	202.7.1	from ROW to Structure by Pulling	Lin. Ft.	2500	\$10.00	\$25,000.00	\$3.09	\$7,725.00	\$3.00	\$7,500.00	\$3.15	\$7,875.00	\$3.06	\$7,650.00	\$3.00	\$7,500.00	\$3.00	\$7,500.00	\$3.20	\$8,000.00	\$3.12	\$7,800.00	\$3.00	\$7,500.00	\$3.15	\$7,875.00	\$6.32	\$15,800.00
27	202.8.1	Furnish & Install 1.25-inch PE Service from ROW to Structure by Excavation	Lin. Ft.	100	\$35.00	\$3,500.00	\$7.50	\$750.00	\$10.00	\$1,000.00	\$8.00	\$800.00	\$11.00	\$1,100.00	\$30.00	\$3,000.00	\$35.00	\$3,500.00	\$53.00	\$5,300.00	\$20.20	\$2,020.00	\$62.00	\$6,200.00	\$25.00	\$2,500.00	\$51.00	\$5,100.00
		Furnish & Install 1.25-inch Service	Each	70	\$700.00	\$55,300.00	\$482.00	\$38,078.00	¢510.00	\$40,290.00	\$520.00	\$41.080.00	\$600.00	\$47,400.00	\$700.00	\$55,300.00	\$700.00	\$55,300.00	\$784.00	\$61,936.00	\$1,002,02	\$79,231.47	\$843.00	\$66,597.00	\$625.00	\$49,375.00	\$728.00	\$57,512.00
28	202.9.2	Brass Set Furnish & Install Cathodic Protection to	Each	/9	\$700.00	φ33,300.00	\$482.UU	φ30,U/8.UU	\$510.00	ͽ 4 υ,29υ.00	φ32U.UU	φ41,U8U.UU	\$000.00	\$47,400.00	\$700.00	\$33,300.00	\$700.00	φυυ,300.00	\$784.00	φ01,93 0. 00	φ1,002.93	φ17,231.41	φ 643.00	φυ υ, 397.00	φ023.UU	φ 4 7,373.00	\$128.00	φ31,312.UU
29	203.1.1	Water Service	Each	6	\$200.00	\$1,200.00	\$230.00	\$1,380.00	\$120.00	\$720.00	\$165.00	\$990.00	\$150.00	\$900.00	\$200.00	\$1,200.00	\$73.00	\$438.00	\$147.00	\$882.00	\$220.18	\$1,321.08	\$93.00	\$558.00	\$150.00	\$900.00	\$204.00	\$1,224.00
30	203.1.3	Water Service Connection to Structure	Each	79	\$750.00	\$59,250.00	\$824.00	\$65,096.00	\$800.00	\$63,200.00	\$820.00	\$64,780.00	\$816.00	\$64,464.00	\$800.00	\$63,200.00	\$800.00	\$63,200.00	\$845.00	\$66,755.00	\$832.24	\$65,746.96	\$800.00	\$63,200.00	\$840.00	\$66,360.00	\$1,687.00	\$133,273.00
21	203.1.4	Water Service Extra Hole (Curb Stop	Fach	2	\$750.00	\$2,250.00	\$515.00	\$1,545.00	\$500.00	\$1,500.00	\$510.00	\$1,530.00	\$510.00	\$1,530.00	\$500.00	\$1,500.00	\$510.00	\$1,530.00	\$528.00	\$1,584.00	\$520.15	\$1,560.45	\$500.00	\$1,500.00	\$525.00	\$1,575.00	\$514.00	\$1,542.00
31	.UJ.1. 4	Connection)	Each	3	\$13U.UU	\$4,430.00	φ313.00	\$1,343.00	φυ.υυ.υ	\$1,300.00	φ510.00	\$1,330.00	φ310.00	\$1,330.00	\$300.00	\$1,300.00	\$310.00	\$1,330.00	\$5 28.00	\$1,384.UU	φ320.13	φ1,300.45	φ300.00	φ1,300.00	φ323.00	\$1,373.00		φ1,342.00
32	203.1.6	Abandon Valve Box	Each	7	\$500.00	\$3,500.00	\$200.00	\$1,400.00	\$300.00	\$2,100.00	\$200.00	\$1,400.00	\$150.00	\$1,050.00	\$150.00	\$1,050.00	\$150.00	\$1,050.00	\$156.00	\$1,092.00	\$252.50	\$1,767.50	\$50.00	\$350.00	\$150.00	\$1,050.00	\$62.00	\$434.00
33	203.1.7	Abandon Valve Manhole	Each	1	\$500.00	\$500.00	\$650.00	\$650.00	\$450.00	\$450.00	\$650.00	\$650.00	\$400.00	\$400.00	\$400.00	\$400.00	\$300.00	\$300.00	\$345.00	\$345.00	\$656.50	\$656.50	\$500.00	\$500.00	\$500.00	\$500.00	\$149.00	\$149.00
21	204.2.4	Furnish & Install 8-inch MJRW Valve and Box	Fach	12	\$2,500.00	\$32,500.00	\$2,674.00	\$34,762.00	\$2.450.00	\$31,850.00	\$2.520.00	\$32.760.00	\$2,920.00	\$37,960.00	\$3,000.00	\$39,000.00	\$3,000.00	\$39,000.00	\$3,154.00	\$41,002.00	\$3 211 90	\$41,753.40	\$2,840.00	\$36,920.00	\$3,200.00	\$41,600.00	\$2,809.00	\$36,517.00
34	.UT. 2. T	Furnish & Install 12-inch MJRW Valve	Lacii	13	φ ∠, JUU.UU	,	φ4,074.00		. ,			. ,	. /	ψ <i>51</i> ,700.00	ψ3,000.00	. ,		. ,	. ,	. ,		ψ+1,/33.40	. ,		ψυ,400.00	Ψ+1,000.00		ψυ0,υ17.00
35	204.2.6	and Box Furnish & Install Hydrant, Lead and	Each	2	\$5,000.00	\$10,000.00	\$4,480.00	\$8,960.00	\$4,175.00	\$8,350.00	\$4,300.00	\$8,600.00	\$4,775.00	\$9,550.00	\$5,000.00	\$10,000.00	\$5,200.00	\$10,400.00	\$5,363.00	\$10,726.00	\$5,329.77	\$10,659.54	\$4,877.00	\$9,754.00	\$5,500.00	\$11,000.00	\$4,752.00	\$9,504.00
36	205.1	Valve	Each	8	\$7,500.00	\$60,000.00	\$7,507.00	\$60,056.00	\$6,950.00	\$55,600.00	\$7,100.00	\$56,800.00	\$8,600.00	\$68,800.00	\$8,000.00	\$64,000.00	\$8,900.00	\$71,200.00	\$8,469.00	\$67,752.00	\$8,650.78	\$69,206.24	\$8,876.00	\$71,008.00	\$8,400.00	\$67,200.00	\$8,089.00	\$64,712.00
37	205.2	Abandon Hydrant	Each	1	\$500.00	\$2,000.00	\$250.00	\$1,000.00	\$400.00	\$1,600.00	\$300.00	\$1,200.00	\$375.00	\$1,500.00	\$400.00	\$1,600.00	\$250.00	\$1,000.00	\$452.00	\$1,808.00	\$505.00	\$2,020.00	\$500.00	\$2,000.00	\$400.00	\$1,600.00	\$124.00	\$496.00
		7 Tourison Trystain	Lucii	4	φ500.00	·			ψ 1 00.00		ψ500.00				ψ+00.00				ψ τ υΔ.ΟΟ		ψυυυ.00		φ500.00		ψ+υυ.υυ		ψ124.00	
	Total Water Bid					\$741,200.00		\$699,549.00		\$688,385.00		\$732,685.00		\$729,459.00		\$795,330.00		\$782,768.00		\$806,622.00		\$817,024.94		\$790,437.00		\$912,545.00		\$954,173.00

Contract 1-23

Street, Sanitary & Storm Sewer, and Water Main Construction Burr Avenue, Chestnut Street, Dieckhoff Street, and Laudan Boulevard

_	Burr Avenue, Chestnut Street, Dieckhoff Street, and Laudan Boule													Boulevard													
				Engineer		Don E Parker		Don Hietpas and Sons		Robert Immel		David Tenor		& Sons Const Co. Inc.		Kruczek Construction		Dornar Ina		De Groot		Advance Construction		Jossart		uperior Sewer	
Line I	tem Code	Item Description Unit of Measure	QTY	Estimate Unit Price	Extension	Unit E	Extension	Unit Ex	Extension	Excavating Unit Pricw	Extension	Corporation Unit Price	Extension		Extension	Unit Price	Extension	. .	Extension	Unit I		Unit Price	Extension	Brothers, Inc. Unit Price	Extension U	nit rice	Extension
	Base Bid Storm	Wedsure	1 1	Trice		THE		Trice		THEW		THE		Trice		Trice	<u>I</u>	Price		THEE		THE		THE		nce	
38 3	301.4	Furnish and Relay 10-inch Storm Sewer Lin. Ft.	380	\$65.00	\$24,700.00	\$56.90	\$21,622.00	\$70.00	\$26,600.00	\$48.70	\$18,506.00	\$60.00	\$22,800.00	\$74.00	\$28,120.00	\$50.00	\$19,000.00	\$64.00	\$24,320.00	\$63.05	\$23,959.00	\$83.00	\$31,540.00	\$80.00	\$30,400.00	\$82.00	\$31,160.00
39 3	301.5	Furnish and Relay 12-inch Storm Sewer Lin. Ft.	1410	\$60.00	\$84,600.00	\$58.95	\$83,119.50	\$54.00	\$76,140.00	\$52.80	\$74,448.00	\$64.00	\$90,240.00	\$68.00	\$95,880.00	\$54.00	\$76,140.00	\$47.00	\$66,270.00	\$56.67	\$79,904.70	\$65.00	\$91,650.00	\$80.00	\$112,800.00	\$52.00	\$73,320.00
40 3	301.5.1	Furnish and Relay 15-inch Storm Sewer Lin. Ft.	640	\$70.00	\$44,800.00	\$59.95	\$38,368.00	\$60.00	\$38,400.00	\$65.00	\$41,600.00	\$73.00	\$46,720.00	\$70.00	\$44,800.00	\$64.00	\$40,960.00	\$67.00	\$42,880.00	\$70.97	\$45,420.80	\$70.50	\$45,120.00	\$82.00	\$52,480.00	\$1,117.00	\$714,880.00
41 3	303.1	Furnish and Install 4-inch Storm Sewer Lateral Lin. Ft. Furnish and Install Sump pump Pit	900	\$50.00	\$45,000.00	\$48.20	\$43,380.00	\$50.00	\$45,000.00	\$59.50	\$53,550.00	\$50.00	\$45,000.00	\$50.00	\$45,000.00	\$46.00	\$41,400.00	\$47.00	\$42,300.00	\$49.31	\$44,379.00	\$45.00	\$40,500.00	\$77.00	\$69,300.00	\$602.00	\$541,800.00
42 3	304.1	(separate) Each Furnish and Install Sump Pump pit w/	10	\$250.00	\$2,500.00	\$412.00	\$4,120.00	\$400.00	\$4,000.00	\$410.00	\$4,100.00	\$408.00	\$4,080.00	\$400.00	\$4,000.00	\$400.00	\$4,000.00	\$422.00	\$4,220.00	\$416.12	\$4,161.20	\$400.00	\$4,000.00	\$420.00	\$4,200.00	\$2,707.00	\$27,070.00
43 3	304.2	Sanitary Pipeburst Each	3	\$600.00	\$1,800.00	\$257.50	\$772.50	\$250.00	\$750.00	\$255.00	\$765.00	\$255.00	\$765.00	\$250.00	\$750.00	\$255.00	\$765.00	\$264.00	\$792.00	\$260.08	\$780.24	\$250.00	\$750.00	\$275.00	\$825.00	\$463.00	\$1,389.00
44 3	305.1	Furnish and Install Catch Basin Each	16	\$2,250.00	\$36,000.00	\$1,967.00	\$31,472.00	\$2,100.00	\$33,600.00	\$2,585.00	\$41,360.00	\$2,000.00	\$32,000.00	\$1,600.00	\$25,600.00	\$2,275.00	\$36,400.00	\$2,561.00	\$40,976.00	\$2,431.79	\$38,908.64	\$2,100.00	\$33,600.00	\$2,150.00	\$34,400.00	\$150.00	\$2,400.00
45 3	305.8	Adjust Storm Catch Basin Each	2	\$400.00	\$800.00	\$700.00	\$1,400.00	\$350.00	\$700.00	\$450.00	\$900.00	\$365.00	\$730.00	\$300.00	\$600.00	\$525.00	\$1,050.00	\$659.00	\$1,318.00	\$858.50	\$1,717.00	\$500.00	\$1,000.00	\$700.00	\$1,400.00	\$454.00	\$908.00
46 3	305.9	Remove Storm Catch Basin Each	16	\$350.00	\$5,600.00	\$250.00	\$4,000.00	\$200.00	\$3,200.00	\$420.00	\$6,720.00	\$300.00	\$4,800.00	\$200.00	\$3,200.00	\$250.00	\$4,000.00	\$462.00	\$7,392.00		\$4,040.00	\$300.00	\$4,800.00	\$400.00	\$6,400.00	\$566.00	1 - 4
47 3		Furnish and Install Storm Manhole Vert Ft	31	\$700.00	\$21,700.00	\$512.75	\$15,895.25	\$545.00	,	\$625.00	\$19,375.00	\$685.00	\$21,235.00	\$500.00	\$15,500.00	\$608.00	\$18,848.00		\$20,987.00			\$626.00	\$19,406.00		\$20,925.00	\$149.00	
		Adjust Storm Manhole Each	2	\$450.00	\$900.00	\$700.00	\$1,400.00		\$700.00	\$450.00	\$900.00	\$400.00	\$800.00	\$400.00	\$800.00	\$700.00	. ,	7 00 7 10 0	\$1,318.00	·	. ,	\$500.00	Ψ1,000.00	φου στο σ	\$1,300.00	\$100.00	Ψ200.00
49 3		Remove Storm Manhole Each Install and Maintain Type "D" Inlet Protection Each	8	\$500.00	\$4,000.00	\$250.00	\$2,000.00	\$400.00	\$3,200.00	\$470.00	\$3,760.00	\$350.00	\$2,800.00	\$400.00	\$3,200.00	\$350.00	\$2,800.00		\$3,288.00		\$4,040.00	\$500.00	\$4,000.00	·	\$4,000.00	\$2.11 \$2.57	
	Fotal Storm Bid	Protection Each	22	\$125.00	\$2,750.00 \$275,150.00	\$72.10	\$1,586.20 \$249,135.45	\$100.00	\$2,200.00 \$251,385.00	\$90.00	\$1,980.00 \$267,964.00	\$100.00	\$2,200.00 \$274,170.00	\$100.00	\$2,200.00 \$269,650.00	\$100.00	\$2,200.00 \$248,963.00	\$105.00	\$2,310.00 \$258,371.00		\$3,333.00 \$276,431.33	\$105.00	\$2,310.00 \$279,676.00		\$2,200.00 \$340,630.00		\$56.54 \$1,406,875.42
	Base Bid HMA				Ψ213,130.00		Ψ247,133.43		Ψ221,303.00		ψ 2 07,704.00		Ψ214,110.00		Ψ207,020.00		Ψ240,703.00		Ψ230,371.00		Ψ270,431.33		ψ217,010.00		ψ340,030.00		Ψ1,400,073.42
	402.2.6.2	Remove Existing Pavement and Maintain Utility Trench Lin. Ft.	12000	\$2.00	\$24,000.00	\$0.75	\$9,000.00	\$1.75	\$21,000.00	\$1.30	\$15,600.00	\$1.00	\$12,000.00	\$0.01	\$120.00	\$2.00	\$24,000.00	\$1.30	\$15,600.00	\$1.16	\$13,920.00	\$3.00	\$36,000.00	\$1.00	\$12,000.00	\$2.11	\$25,320.00
52 4		Sawcut Existing Bituminous Pavement Lin. Ft.	500	\$2.00	\$1,000.00	\$1.55	\$775.00	\$3.00	\$1,500.00	\$1.55	\$775.00	\$1.53	\$765.00	\$2.00	\$1,000.00	\$2.00	\$1,000.00	\$2.10	\$1,050.00	\$2.27	\$1,135.00	\$2.00	\$1,000.00	\$3.00	\$1,500.00	\$2.57	
53 4	102.2.6.1	Remove Existing Bituminous Pavement Sq. Yd.	13000	\$2.00	\$26,000.00	\$0.01	\$130.00	\$0.01	\$130.00	\$0.01	\$130.00	\$1.80	\$23,400.00	\$0.70	\$9,100.00	\$0.01	\$130.00	\$0.01	\$130.00	\$0.01	\$130.00	\$4.50	\$58,500.00	\$0.01	\$130.00	\$0.01	\$130.00
54 4	403.2.5.1	Remove Concrete Curb and Gutter Lin. Ft.	6700	\$3.00	\$20,100.00	\$1.55	\$10,385.00	\$0.01	\$67.00	\$1.55	\$10,385.00	\$2.90	\$19,430.00	\$3.00	\$20,100.00	\$0.01	\$67.00	\$0.01	\$67.00	\$2.02	\$13,534.00	\$5.00	\$33,500.00	\$0.01	\$67.00	\$0.01	\$67.00
55 4	104.4.5	Remove Concrete Sidewalk/Driveway Apron Sq. Ft.	20000	\$2.00	\$40,000.00	\$0.36	\$7,200.00	\$1.50	\$30,000.00	\$0.35	\$7,000.00	\$0.36	\$7,200.00	\$0.75	\$15,000.00	\$1.50	\$30,000.00	\$1.60	\$32,000.00	\$1.57	\$31,400.00	\$0.60	\$12,000.00	\$1.57	\$31,400.00	\$1.54	\$30,800.00
56 4	402.1.7.4	Unclassified Excavation Cu. Yd.	9000	\$14.00	\$126,000.00	\$9.99	\$89,910.00	\$13.41	\$120,690.00	\$9.90	\$89,100.00	\$9.90	\$89,100.00	\$10.30	\$92,700.00	\$13.68	\$123,120.00	\$14.20	\$127,800.00	\$14.96	\$134,640.00	\$14.66	\$131,940.00	\$18.00	\$162,000.00	\$17.58	\$158,220.00
57 4	402.1.4.11	Furnish and Install Geogrid Sq. Yd. Furnish and Install Crushed Aggregate	15000	\$2.50	\$37,500.00	\$1.90	\$28,500.00	\$2.00	\$30,000.00	\$1.90	\$28,500.00	\$1.89	\$28,350.00	\$1.40	\$21,000.00	\$2.00	\$30,000.00	\$2.10	\$31,500.00	\$2.59	\$38,850.00	\$2.15	\$32,250.00	\$2.10	\$31,500.00	\$2.06	\$30,900.00
58 4	401.1.1	Base Ton Furnish and Install 30-inch Concrete	11000	\$13.00	\$143,000.00	\$15.86	\$174,460.00	\$12.99	\$142,890.00	\$15.70	\$172,700.00	\$15.70	\$172,700.00	\$11.80	\$129,800.00	\$13.25	\$145,750.00	\$13.70	\$150,700.00	\$13.42	\$147,620.00	\$13.26	\$145,860.00	\$13.63	\$149,930.00	\$13.40	\$147,400.00
59 4	403.2.1.7	Curb and Gutter (continuous) Lin. Ft. Furnish and Install 30-inch Concrete	6600	\$14.00	\$92,400.00	\$16.48	\$108,768.00	\$14.65	\$96,690.00	\$16.35	\$107,910.00	\$15.97	\$105,402.00	\$16.00	\$105,600.00	\$15.00	\$99,000.00	\$15.50	\$102,300.00	\$16.25	\$107,250.00	\$20.00	\$132,000.00	\$15.38	\$101,508.00	\$15.08	\$99,528.00
60 4	403.2.1.8	Curb and Gutter (repair) Lin. Ft. Furnish and Install 6-inch Concrete	100	\$40.00	\$4,000.00	\$61.80	\$6,180.00	\$55.00	\$5,500.00	\$60.00	\$6,000.00	\$56.10	\$5,610.00	\$60.00	\$6,000.00	\$56.00	\$5,600.00	\$58.10	\$5,810.00	\$57.22	\$5,722.00	\$70.00	\$7,000.00	\$57.75	\$5,775.00	\$56.00	\$5,600.00
61 4	104.3.2	Sidewalk/Driveway Sq. Ft. Furnish and Install 4" Concrete	10000	\$8.00	\$80,000.00	\$6.64	\$66,400.00	\$6.55	\$65,500.00	\$6.58	\$65,800.00	\$6.68	\$66,800.00	\$6.45	\$64,500.00	7 0.00	\$66,800.00	\$6.90	\$69,000.00	1 111	\$68,200.00	\$6.95	\$69,500.00	φσιση	\$68,700.00	\$6.75	,
	404.1.1	Sidewalk Sq. Ft. Install Detectable Warning Fields	10000	\$7.00	\$70,000.00	\$6.34	\$63,400.00	\$5.70	\$57,000.00	\$6.28	\$62,800.00	\$5.81	\$58,100.00	\$6.15	\$61,500.00	\$5.81	\$58,100.00	\$6.00	\$60,000.00	\$5.93	\$59,300.00	\$6.65	\$66,500.00		\$60,000.00	\$5.87	, ,
63 7		(supplied by City) Each	30	\$55.00	\$1,650.00	\$77.25	\$2,317.50	\$50.00	\$1,500.00	\$75.00	\$2,250.00	\$51.50	\$1,545.00	\$75.00	\$2,250.00	\$50.00	\$1,500.00	\$53.00	\$1,590.00		\$1,560.60	\$75.00	\$2,250.00		\$1,575.00	\$51.48	
	402.1.5.3 102.1.5.3.1	Furnish and Install 1/2-inch rods Lin. Ft. Fine Grade Roadway Sq. Yd.	12000	\$1.50 \$2.00	\$825.00 \$24,000.00	\$2.06 \$1.85	\$1,133.00 \$22,200.00	\$2.00	\$1,100.00 \$21,840.00	\$2.05 \$1.85	\$1,127.50 \$22,200.00	\$2.04 \$1.99	\$1,122.00 \$23,880.00	\$2.00 \$1.80	\$1,100.00 \$21,600.00	\$2.00 \$1.85	\$1,100.00	\$2.10 \$1.90	\$1,155.00 \$22,800.00	\$2.08 \$1.87	\$1,144.00 \$22,440.00	\$2.00 \$1.80	\$1,100.00 \$21,600.00		\$1,155.00 \$22,800.00	\$2.06 \$1.85	. ,
	102.1.5.3.1 102.2.3.1	Furnish and Install HMA Pavement (4-inch) Ton	2750	\$77.00	,		\$22,200.00	·	\$21,840.00	\$1.85	\$22,200.00	\$1.99 \$79.94	\$23,880.00	\$1.80	\$21,600.00	\$1.85	\$22,200.00		\$22,800.00	·	\$22,440.00	\$1.80	\$21,600.00		\$22,800.00	\$1.85 \$75.50	. ,
67 5		Furnish & Install Terracing, Fertilize, Seed & Hydromulch Sq. Yd.	5000	·	\$50,000.00	\$73.00	\$38,600.00	\$8.50	\$42,500.00	\$74.90	\$38,250.00	\$5.87	\$29,350.00	\$8.00	\$40,000.00	\$8.50	\$42,500.00	\$9.00	\$45,000.00	\$8.85	,	\$9.81	\$49,050.00		\$45,000.00	\$2.10	
68 7		Install and Maintain Traffic Control Lump Sum		\$40,000.00	\$40,000.00	\$19,040.00	\$19,040.00	7000	\$41,080.00	, , , , ,	\$8,100.00	70.00	\$8,670.00	\$8,000.00	1 2,2222	\$45,000.00	\$45,000.00	47100	\$8,974.00	1 1 1 1	\$8,842.55	12.72	. ,	\$10,000.00	\$10,000.00	\$8,750.00	
	Γotal Street HMA Bid				\$992,225.00		\$856,298.50		\$882,844.50		\$844,602.50		\$873,259.00	, , , ,	\$801,220.00		\$902,117.00		\$888,601.00		\$909,928.15	. ,	\$1,020,400.00		\$916,790.00		\$877,202.40
]	Base Bid Total:				\$2,817,475.00		\$2,474,739. <u>50</u>		\$2,546,401. <u>50</u>		\$2,570,864.30		\$2,572,329.00		\$2,583,086.50		\$2,652,000.00		\$2,683,922.00		\$2,787,872.24		\$2,912,375.80		<u>\$3,068,086.00</u>		\$4,003,796.82
1	Alternate Bid-Concrete	Pamova Eviating Dayament and	, ,		-	 		Т				ı		Г		İ	1			 			Г	, , , , , , , , , , , , , , , , , , , 	<u> </u>		
69 4	402.1.6.11	Remove Existing Pavement and Maintain Utility Trench Lin. Ft.	12000	\$2.00	\$24,000.00	\$0.75	\$9,000.00	\$1.75	\$21,000.00	\$1.30	\$15,600.00	\$1.00	\$12,000.00	\$1.00	\$12,000.00	\$2.00	\$24,000.00	\$1.30	\$15,600.00	\$1.16	\$13,920.00	\$3.00	\$36,000.00	\$1.00	\$12,000.00	\$2.11	\$25,320.00
70 4	405.1	Sawcut Existing Bituminous Pavement Lin. Ft.	500	\$2.00	\$1,000.00	\$2.00	\$1,000.00	\$3.00	\$1,500.00	\$1.55	\$775.00	\$1.53	\$765.00	\$2.00	\$1,000.00	\$2.00	\$1,000.00	\$2.10	\$1,050.00	\$2.53	\$1,265.00	\$2.00	\$1,000.00	\$3.00	\$1,500.00	\$2.57	\$1,285.00
71	402.2.6.1	Remove Existing Bituminous Pavement Sq. Yd.	13000	\$2.00	\$26,000.00	\$0.01	\$130.00	\$0.01	\$130.00	\$0.01	\$130.00	\$0.02	\$260.00	\$2.00	\$26,000.00	\$0.01	\$130.00	\$0.01	\$130.00	\$0.01	\$130.00	\$4.50	\$58,500.00	\$0.01	\$130.00	\$0.01	\$130.00
72	403.2.5.1	Remove Concrete Curb and Gutter Lin. Ft.	6600	\$3.00	\$19,800.00	\$0.01	\$66.00	\$0.01	\$66.00	\$1.55	\$10,230.00	\$0.02	\$132.00	\$3.00	\$19,800.00	\$0.01	\$66.00	\$0.01	\$66.00	\$2.02	\$13,332.00	\$5.00	\$33,000.00	\$0.01	\$66.00	\$0.01	\$66.00

Contract 1-23
Street, Sanitary & Storm Sewer, and Water Main Construction
Burr Avenue, Chestnut Street, Dieckhoff Street, and Laudan Boulevard

To 12.17.2 Understated Description Cut Vs. 1750 St.1.00 S10.500.00		Duri Avenue, Chesthat Street, Dieckhori Street, and Laudan L												Douiciala															
Part										Don Hietpas						Carl Bowers		Kruczek						Advance					
Date						Engineer		Don E Parker		and Sons		Immel		David Teno	or	& Sons Const		Construction	\mathbf{n}			De Groot		Construction	ı	Jossart		Superior Sewer	
Part						Estimate		Excavating		Inc.		Excavating		Corporation	n	Co. Inc.		Inc.		Dorner Inc.		Inc.		Inc.		Brothers, Inc.		and Water inc.	
Part	Line	Item Code	Item Description	Unit of	QTY	Unit	Extension	Unit	Extension	Unit	Extension	Unit	Extension	Unit	Extension	Unit	Extension	Unit	Extension	Unit	Extension	Unit	Extension	Unit	Extension	Unit	Extension	Unit	Extension
2 994.5 Agon	Item		•			Price		Price		Price		Pricw		Price		Price		Price		Price		Price		Price		Price		Price	
2 994.5 Agon			Remove Concrete Sidewalk/Driveway																										
Fig. Col.	73	404.4.5		Sq. Ft.	20000	\$2.00	\$40,000.00	\$1.55	\$31,000.00	\$1.50	\$30,000.00	\$0.35	\$7,000.00	\$1.53	\$30,600.00	\$0.75	\$15,000.00	\$1.50	\$30,000.00	\$1.60	\$32,000.00	\$1.57	\$31,400.00	\$0.60	\$12,000.00	\$1.57	\$31,400.00	\$1.54	\$30,800.00
Fig. Col.				1		·							. ,	<u> </u>		•		1										·	,
Star Part	74	402.1.7.4	Unclassified Excavation	Cu. Yd.	7250	\$14.00	\$101,500.00	\$14.63	\$106,067.50	\$14.20	\$102,950.00	\$12.25	\$88,812.50	\$14.48	\$104,980.00	\$10.30	\$74,675.00	\$14.50	\$105,125.00	\$15.00	\$108,750.00	\$14.78	\$107,155.00	\$14.66	\$106,285.00	\$20.50	\$148,625.00	\$14.60	\$105,850.00
Furnish and Install Crushed Aggregate Furnish and Install Crushed Aggregate Furnish and Install Crushed Aggregate Furnish and Install Crushed Cursh Furnish and Install Crushed							·						·				ĺ			1	·		·						·
Purish and Install Crusted Aggregation Purish and Install Crusted Aggregation Purish and Install Crusted Extension Purish and Install Crusted Extension Purish and Install Crusted Purish and Install Crusted Extension Purish and Inst	75	402.1.4.11	Furnish and Install Geogrid	Sq. Yd.	15000	\$2.50	\$37,500.00	\$2.06	\$30,900.00	\$2.00	\$30,000.00	\$1.90	\$28,500.00	\$2.04	\$30,600.00	\$1.60	\$24,000.00	\$2.00	\$30,000.00	\$2.10	\$31,500.00	\$2.08	\$31,200.00	\$2.15	\$32,250.00	\$2.10	\$31,500.00	\$2.06	\$30,900.00
7 02.1.1.4 Concrete Percental 7-lineh Sq. Val 12000 \$12.00 \$15.00 \$10.00.00 \$17.00 \$15.00 \$12.00 \$15			Furnish and Install Crushed Aggregate	•																									
Fruitish and Install HMA Pavement (4-10.2). \$3.1 Fine Grade Roadway \$4.2.3.1 Fine Grad	76	401.1.1	Base	Ton	7500	\$13.00	\$97,500.00	\$9.01	\$67,575.00	\$8.75	\$65,625.00	\$15.70	\$117,750.00	\$8.92	\$66,900.00	\$12.00	\$90,000.00	\$9.00	\$67,500.00	\$9.20	\$69,000.00	\$9.10	\$68,250.00	\$12.80	\$96,000.00	\$9.18	\$68,850.00	\$9.00	\$67,500.00
Fruitish and Install HMA Pavement (4-10.2). \$3.1 Fine Grade Roadway \$4.2.3.1 Fine Grad																													
Part 1032,1.1 Gutter Lin. Fe. 1030 S40,00	77	402.1.1.4	Concrete Pavement 7-Inch	Sq. Yd.	12000	\$42.00	\$504,000.00	\$47.30	\$567,600.00	\$42.75	\$513,000.00	\$47.70	\$572,400.00	\$43.60	\$523,200.00	\$44.00	\$528,000.00	\$43.60	\$523,200.00	\$48.45	\$581,400.00	\$47.29	\$567,480.00	\$42.75	\$513,000.00	\$44.88	\$538,560.00	\$46.00	\$552,000.00
Furnish and Install 6-inch Concrete Sq. Ft. 1000 \$8.00			Furnish and Install Concrete Curb &																										
Pol-14-3.2 Side-walk Driveway Sq. Ft. 1000 \$8.00 \$8.00,000.0 \$6.75 \$67,500.0 \$6.85 \$65,500.0 \$6.85 \$65,500.0 \$6.85 \$65,800.0 \$6.86 \$66,800.0 \$7.05 \$70,500.0 \$6.87 \$86,200.0 \$7.55 \$75,500.0 \$8.87 \$88,700.0 \$8.07 \$80,000.0 \$8.00 \$8.	78	403.2.1.1	Gutter	Lin. Ft.	350	\$40.00	\$14,000.00	\$51.50	\$18,025.00	\$50.00	\$17,500.00	\$60.00	\$21,000.00	\$51.00	\$17,850.00	\$45.00	\$15,750.00	\$50.00	\$17,500.00	\$52.80	\$18,480.00	\$52.02	\$18,207.00	\$49.00	\$17,150.00	\$52.50	\$18,375.00	\$51.00	\$17,850.00
80 404.1.1 Sidewalk Sq. Fi. 1000 \$7.00 \$70,000.00 \$5.87 \$58,000.00 \$5.87 \$58,000.00 \$5.87 \$58,000.00 \$5.88 \$58,000.00 \$5.88 \$58,000.00 \$5.80 \$58,000.00 \$5.80 \$59,000.00 \$59,000 \$59			Furnish and Install 6-inch Concrete																										
80 404.1.1 Sidewalk Sq. Ft. 1000 \$7.00 \$70,000.00 \$5.87 \$58,700.00 \$5.87 \$58,700.00 \$5.87 \$58,700.00 \$5.81 \$58,100.00 \$5.20 \$62,200.00 \$5.80 \$58,000.00 \$5.80 \$58,000.00 \$5.80 \$59,300.00 \$5.00 \$60,000.00 \$5.80 \$59,300.00 \$6.00 \$60,000.00 \$5.87 \$58,700.00 \$5.80 \$58,700.00 \$58,7	79	404.3.2	Sidewalk/Driveway	Sq. Ft.	10000	\$8.00	\$80,000.00	\$6.75	\$67,500.00	\$6.55	\$65,500.00	\$6.58	\$65,800.00	\$6.68	\$66,800.00	\$7.05	\$70,500.00	\$6.68	\$66,800.00	\$6.90	\$69,000.00	\$6.82	\$68,200.00	\$7.55	\$75,500.00	\$6.87	\$68,700.00	\$6.75	\$67,500.00
81 402.1.5.3 Furnish and Install 1/2-inch rods			Furnish and Install 4" Concrete																										
82 102.1.5.3.1 Fine Grade Roadway Sq. Yd. 320 \$2.00 \$6.400.00 \$3.00 \$5.00 \$0.00 \$3.00 \$5.00 \$0.00 \$3.00 \$5.00.00 \$3.00 \$5.00.00 \$3.10 \$5.000.00 \$3.1	80	404.1.1	Sidewalk	Sq. Ft.	10000	\$7.00	\$70,000.00	\$5.87	\$58,700.00	\$5.70	\$57,000.00	\$6.28	\$62,800.00	\$5.81	\$58,100.00	\$6.20	\$62,000.00	\$5.80	\$58,000.00	\$6.00	\$60,000.00	\$5.93	\$59,300.00	\$6.70	\$67,000.00	\$6.00	\$60,000.00	\$5.87	\$58,700.00
82 102.1.5.3.1 Fine Grade Roadway Sq. Yd. 320 \$2.00 \$6.400.00 \$3.00 \$5.00 \$0.00 \$3.00 \$5.00 \$0.00 \$3.00 \$5.00.00 \$3.00 \$5.00.00 \$3.10 \$5.000.00 \$3.1																													
Furnish and Install HMA Pavement (4-inch) inch) Furnish and Install HMA Pavement (4-inch) Furnish And Install Ham	81	402.1.5.3	Furnish and Install 1/2-inch rods	Lin. Ft.	200	\$1.50	\$300.00	\$2.06	\$412.00	\$2.00	\$400.00	\$2.05	\$410.00	\$2.04	\$408.00	\$2.00	\$400.00	\$2.00	\$400.00	\$2.10	\$420.00	\$2.08	\$416.00	\$2.00	\$400.00	\$2.10	\$420.00	\$2.06	\$412.00
Furnish and Install HMA Pavement (4-inch) inch) Furnish and Install HMA Pavement (4-inch) Furnish And Install Ham																													
83 402.2.3.1 inch) Ton 740 \$175.00 \$129,500.00 \$80.13 \$59,296.20 \$78.58 \$58,149.20 \$80.00 \$59,200.00 \$77.80 \$557,572.00 \$79.40 \$587,572.00 \$80.13 \$59,888.20 \$77.80 \$57,572.00 \$81.70 \$60,458.00 \$80.00 \$59,200.00 \$80.00 \$	82	102.1.5.3.1	ž –	Sq. Yd.	3200	\$2.00	\$6,400.00	\$3.09	\$9,888.00	\$3.03	\$9,696.00	\$3.10	\$9,920.00	\$3.06	\$9,792.00	\$3.00	\$9,600.00	\$3.00	\$9,600.00	\$3.20	\$10,240.00	\$3.12	\$9,984.00	\$3.00	\$9,600.00	\$3.15	\$10,080.00	\$3.20	\$10,240.00
Furnish & Install Terracing, Fertilize, Seed & Hydromulch Seed & H	0.0	10000	Furnish and Install HMA Pavement (4-	_		447 7.00	***	400.42	450 40 4 40	4=0=0	4.50.4.40.40	400.00	470 400 00	4 -0 4	450 54 40	4 00		\$	470 77400	402.10	4.50.75.4.00	400.04	** **********************************	4 00		#04. = 0	4.50.450.00	400.00	4-0-00-00
84 505.1 Seed & Hydromulch Sq. Yd. 5000 \$10.00 \$50,000.00 \$8.76 \$43,800.00 \$8.76 \$43,800.00 \$8.70 \$44,500.00 \$8.70 \$44,000.00 \$8.70 \$40,000.00	83	402.2.3.1	inch)	Ton	740	\$175.00	\$129,500.00	\$80.13	\$59,296.20	\$78.58	\$58,149.20	\$80.00	\$59,200.00	\$79.36	\$58,726.40	\$77.80	\$57,572.00	\$79.40	\$58,756.00	\$82.10	\$60,754.00	\$80.93	\$59,888.20	\$77.80	\$57,572.00	\$81.70	\$60,458.00	\$80.00	\$59,200.00
85 706.1 Install and Maintain Traffic Control Lump Sum 1 \$40,000.00 \$40,000.00 \$20,255.00 \$46,585.0	0.4	505.1		G 3 7.1	7000	#10.00	Φ50 000 00	ф0. 7 .с	# 42 000 00	#0.70	4.2. 7 00.00	Φ0.20	# 46,000,00	Φ 7 . 40	\$ \$27,000,00	ф0,00	# 40 000 00	Φ0.70	φ. 42. 7 00.00	Φ0.00	* 45 000 00	φο ο ς	#44. 25 0.00	#0.01		Φ0.00	4.5 000 00	φ10.0 5	Φ54.250.00
Total Alternate Bid \$1,241,500.00 \$1,091,214.70 \$1,061,601.20 \$1,065,543.40 \$1,054,797.00 \$1,080,477.00 \$1,103,219.75 \$1,182,807.00 \$1,105,664.00 \$1,090,753.0	84	505.1	Seed & Hydromulch	Sq. Yd.	5000	\$10.00	\$50,000.00	\$8.76	\$43,800.00	\$8.50	\$42,500.00	\$9.20	\$46,000.00	\$7.40	\$37,000.00	\$8.00	\$40,000.00	\$8.50	\$42,500.00	\$9.00	\$45,000.00	\$8.85	\$44,250.00	\$9.81	\$49,050.00	\$9.00	\$45,000.00	\$10.85	\$54,250.00
Total Alternate Bid \$1,241,500.00 \$1,091,214.70 \$1,061,601.20 \$1,065,543.40 \$1,054,797.00 \$1,080,477.00 \$1,103,219.75 \$1,182,807.00 \$1,105,664.00 \$1,090,753.0	0.7	706.1		T 0		¢40,000,00	#40.000.00	#20.255.00	#20.255.00	Φ46.505.00	046.505.00	Φ0. 7 00.00	φο 7 00 00	ф4 7 420 00	0.47.400.00	#0.500.00	φο 5 00 00	¢45,000,00	Φ45 000 00	¢40,002,00	ф.40, 00 2 , 00	Φ0.042.77	фо 0.4 2 .77	¢10.500.00	Φ10.700.00	#10.000.00	ф10,000,00	#0.770.00	0.750.00
	85	/00.1	Install and Maintain Traffic Control	Lump Su	m I	\$40,000.00	\$40,000.00	\$20,255.00	\$20,255.00	\$46,383.00	\$46,585.00	\$8,700.00	\$8,700.00	\$47,430.00	\$47,430.00	\$8,500.00	\$8,500.00	\$45,900.00	\$45,900.00	\$49,092.00	\$49,092.00	\$8,842.55	\$8,842.55	\$18,500.00	\$18,500.00	\$10,000.00	\$10,000.00	\$8,/50.00	\$8,750.00
		Total Alternate Bid					\$1,241,500,00		\$1,091,214,70		\$1,061,601,20		\$1,115,027,50		\$1,065,543,40		\$1,054,797,00		\$1,080,477,00		\$1,152,482,00		\$1,103,219,75		\$1,182,807,00		\$1,105,664,00		\$1,090,753.00
Total Base Bid w/Alternative \$2,709,655.70 \$2,836,663.50 \$2,841,289.30 \$2,841,289.30 \$2,947,803.00 \$2,947,803.00 \$3,074,782.80 \$3,256,960.00 \$4,217,347,47							, _,,,, -, -, -, -, -, -, -, -, -, -, -, -,		1-,02-,-21070		7-,00-,001		12,222,027,00		72,000,01010		12,00 1,77130		72,000,177,00		, -, -, -, 102130		, -,,		7-,,,		, =,=0=,00 1100		-,070,70000
<u> </u>	Total	otal Base Bid w/Alternative					<u>\$3,066,750.00</u>		\$2,709,655.70		<u>\$2,725,158.20</u>		<u>\$2,841,289.30</u>		<u>\$2,764,613.40</u>		\$2,836,663.50		\$2,830,360.00		\$2,947,803.00		\$2,981,163.84		\$3,074,782.80		\$3,256,960.00		\$4,217,347.42

Contract 2-23

Sewer, Water Main & Water Services, and Street Construction

Brantwood Dr, Brantwood Ct, Charles Ct, Hughes Ct, Memorial Ct and Patrick Ct

						Drantwo	ou Dr, Bran	iwoou Ci, C	maries Ct, 1	rughes Ci, I	vielloriai (et and Patri	ck Ct	_								
Line Item			Engineer Estimate		David Tenor Corporation		Carl Bowers & Sons Const Co. Inc.		Robert Immel Excavating		Don Hietpas and Sons Inc.		Wood Sewer & Excavating		Kruczek Construction		De Groot Inc		Dorner Inc.		Don E Parker Excavating	
Item Code Item Description	UofM			Extension	•	Extension	Unit Price	Extension	Unit Price			Extension	Unit Price	Extension	Unit Price	Extension	Unit Price		Unit Price	Extension	Ŭ	Extension
Base Bid Sanitary	COTIVI	Q.,	Official	Extension	Officialice	Exterision	Office	Exterision	Office	Exterision	Offict fice	EXCENSION	Omerrice	Exterision	Offict fiee	Extension	Office	EXECUSION	Office frice	EXECUSION	OTHETTICE	EXCENSION
Furnish and Pipeburst 4-inch																						
·	Lin. Ft.	380	\$15.00	\$5,700.00	\$5.10	\$1,938.00	\$5.00	\$1,900.00	\$5.00	\$1,900.00	\$5.05	\$1,919.00	\$5.10	\$1,938.00	\$5.00	\$1,900.00	\$5.15	\$1,957.00	\$5.30	\$2,014.00	\$5.25	\$1,995.00
Reconnect Under Basement	2	300	Ψ13.00	ψ3), σσισσ	ψ3.23	ψ1)338.88	ψ3.00	ψ <u>1</u> ,300.00	φ3.00	ψ <u>1</u> ,300.00	ψ3.03	ψ1/313.00	γ3.10	Ψ1)330.03	ψ3.66	ψ1,500.00	ψ3.23	ψ <u>1</u> ,337.60	γ5.50	Ψ2,01σ	γ3.23	Ψ 2)333.00
2 103.4 Floor - Pipeburst	Each	6	\$2,000.00	\$12,000.00	\$2,550.00	\$15,300.00	\$2,500.00	\$15,000.00	\$2,500.00	\$15,000.00	\$2,525.00	\$15,150.00	\$2,536.00	\$15,216.00	\$3,900.00	\$23,400.00	\$2,600.75	\$15,604.50	\$2.639.00	\$15,834.00	\$2,625.00	\$15,750.00
·	Each	13	\$600.00	\$7,800.00	\$400.00	\$5,200.00	\$500.00	\$6,500.00	\$575.00	\$7,475.00		\$7,800.00	\$606.00	\$7,878.00	\$500.00	\$6,500.00	\$813.05	\$10,569.65	\$659.00	\$8,567.00	\$950.00	\$12,350.00
Furnish and install Chimney				. ,		. ,	,		·			. ,		. ,		. ,	·		·		·	. ,
4 105.2N Seal	Eash	13	\$500.00	\$6,500.00	\$410.00	\$5,330.00	\$500.00	\$6,500.00	\$600.00	\$7,800.00	\$510.00	\$6,630.00	\$674.00	\$8,762.00	\$450.00	\$5,850.00	\$414.10	\$5,383.30	\$424.00	\$5,512.00	\$510.00	\$6,630.00
Total Sanitary Sewer				\$32,000.00		\$27,768.00		\$29,900.00		\$32,175.00		\$31,499.00		\$33,794.00		\$37,650.00	·	\$33,514.45	•	\$31,927.00		\$36,725.00
Base Bid Water				, ,														. ,				. ,
Furnish & Install 6-inch PVC																						
5 201.1.1 C-900 Main	Lin. Ft.	60	\$80.00	\$4,800.00	\$184.00	\$11,040.00	\$142.00	\$8,520.00	\$225.00	\$13,500.00	\$135.00	\$8,100.00	\$129.00	\$7,740.00	\$211.00	\$12,660.00	\$79.54	\$4,772.40	\$150.00	\$9,000.00	\$236.45	\$14,187.00
Furnish & Install 8-inch PVC																						
6 201.1.2 C-900 Main	Lin. Ft.	3080	\$85.00	\$261,800.00	\$83.00	\$255,640.00	\$84.00	\$258,720.00	\$85.25	\$262,570.00	\$88.76	\$273,380.80	\$89.50	\$275,660.00	\$90.00	\$277,200.00	\$95.20	\$293,216.00	\$100.00	\$308,000.00	\$91.20	\$280,896.00
Furnish & Install 1.25-inch PE																						
Service in ROW from main to																						
shutoff by Trenching /																						
5.	Lin. Ft.	2000	\$65.00	\$130,000.00	\$59.00	\$118,000.00	\$57.00	\$114,000.00	\$58.50	\$117,000.00	\$59.00	\$118,000.00	\$49.00	\$98,000.00	\$57.00	\$114,000.00	\$65.52	\$131,040.00	\$62.00	\$124,000.00	\$84.15	\$168,300.00
Furnish & Install 1.25-inch PE																						
Service from ROW to																						
Structure by Pulling																						
8 202.7.1 w/Sanitary Sewer Pipeburst	Lin. Ft.	100	\$10.00	\$1,000.00	\$5.10	\$510.00	\$50.00	\$5,000.00	\$5.00	\$500.00	\$5.05	\$505.00	\$6.70	\$670.00	\$3.00	\$300.00	\$8.32	\$832.00	\$5.30	\$530.00	\$5.25	\$525.00
Furnish & Install 1.25-inch																						
9 202.9.2 Service Brass Set	Each	77	\$700.00	\$53,900.00	\$600.00	\$46,200.00	\$700.00	\$53,900.00	\$580.00	\$44,660.00	\$510.00	\$39,270.00	\$618.00	\$47,586.00	\$536.00	\$41,272.00	\$1,255.43	\$96,668.11	\$696.00	\$53,592.00	\$734.00	\$56,518.00
Furnish & Install Cathodic																						
10 203.1.1 Protection to Water Service	Each	77	\$200.00	\$15,400.00	\$143.00	\$11,011.00	\$150.00	\$11,550.00	\$120.00	\$9,240.00	\$120.00	\$9,240.00	\$125.00	\$9,625.00	\$79.50	\$6,121.50	\$169.68	\$13,065.36	\$147.00	\$11,319.00	\$225.00	\$17,325.00
Water Service Connection to																						
11 203.1.3 Structure	Each	2	\$750.00	\$1,500.00	\$510.00	\$1,020.00	\$500.00	\$1,000.00	\$500.00	\$1,000.00	\$505.00	\$1,010.00	\$2,355.00	\$4,710.00	\$1,660.00	\$3,320.00	\$676.20	\$1,352.40	\$528.00	\$1,056.00	\$525.00	\$1,050.00
12 203.1.6 Abandon Valve Box	Each	11	\$500.00	\$5,500.00	\$150.00	\$1,650.00	\$150.00	\$1,650.00	\$200.00	\$2,200.00	\$200.00	\$2,200.00	\$300.00	\$3,300.00	\$130.00	\$1,430.00	\$151.50	\$1,666.50	\$132.00	\$1,452.00	\$200.00	\$2,200.00
Furnish & Install 8-inch																						
13 204.2.4 MJRW Valve and Box	Each	7	\$2,500.00	\$17,500.00	\$2,915.00	\$20,405.00	\$3,000.00	\$21,000.00	\$2,520.00	\$17,640.00	\$2,550.00	\$17,850.00	\$3,256.00	\$22,792.00	\$2,825.00	\$19,775.00	\$3,268.07	\$22,876.49	\$3,154.00	\$22,078.00	\$2,834.00	\$19,838.00
Furnish & Install 6-inch Live																						
	Each	2	\$5,000.00	\$10,000.00	\$4,100.00	\$8,200.00	\$4,000.00	\$8,000.00	\$5,580.00	\$11,160.00	\$6,000.00	\$12,000.00	\$4,069.00	\$8,138.00	\$4,300.00	\$8,600.00	\$5,368.15	\$10,736.30	\$6,406.00	\$12,812.00	\$5,588.00	\$11,176.00
Furnish & Install 8-inch Live																			١.			
·	Each	2	\$7,000.00	\$14,000.00	\$5,000.00	\$10,000.00	\$5,000.00	\$10,000.00	\$6,370.00	\$12,740.00	\$6,800.00	\$13,600.00	\$5,106.00	\$10,212.00	\$5,200.00	\$10,400.00	\$6,285.23	\$12,570.46	\$7,512.00	\$15,024.00	\$6,359.00	\$12,718.00
Furnish & Install Hydrant,			4	4	4	4	4		4		4		4	4	4	4	4	4	4	4	4	
16 205.1 Lead and Valve	Each	9	\$7,500.00	\$67,500.00	\$8,250.00	\$74,250.00	\$8,000.00	\$72,000.00	\$7,290.00	\$65,610.00	\$7,500.00	\$67,500.00	\$8,781.00	\$79,029.00	\$8,300.00		\$8,831.77	\$79,485.93		\$78,246.00	\$8,025.00	\$72,225.00
,	Each	4	\$500.00	\$2,000.00	\$350.00	\$1,400.00	\$400.00	\$1,600.00	\$200.00	\$800.00	\$400.00	\$1,600.00	\$336.00	\$1,344.00	\$250.00	\$1,000.00	\$555.50	\$2,222.00	\$452.00	\$1,808.00	\$250.00	\$1,000.00
Total Water				\$584,900.00		\$559,326.00		\$566,940.00		\$558,620.00		\$564,255.80		\$568,806.00		\$570,778.50		\$670,503.95		\$638,917.00		\$657,958.00
Base Bid Storm	<u> </u>																					
Furnish and Relay 10-inch	1:	1 22	¢65.00	Ć2 14F 00	¢60.00	¢1 000 00	¢65.00	ć2 14F 00	¢E0 E0	¢1.062.50	¢48.00	¢1 F84 00	¢50.00	¢1 (F0 00	¢50.00	¢1 047 00	¢02.22	¢2.076.26	¢65.00	63.445.00	ć100.1F	62.204.05
18 301.4 Storm Sewer Furnish and Install Catch	Lin. Ft.	33	\$65.00	\$2,145.00	\$60.00	\$1,980.00	\$65.00	\$2,145.00	\$59.50	\$1,963.50	\$48.00	\$1,584.00	\$50.00	\$1,650.00	\$59.00	\$1,947.00	\$93.22	\$3,076.26	\$65.00	\$2,145.00	\$100.15	\$3,304.95
19 305.1 Basin	Each		\$2,250.00	\$2,250.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,625.00	\$2,625.00	\$2,350.00	\$2,350.00	\$2,298.00	\$2,298.00	\$2,370.50	\$2,370.50	\$2,020,00	\$3,030.00	\$2,163.00	\$2,163.00	\$3,050.00	\$3,050.00
20 305.8 Adjust Storm Catch Basin	Each Each	10	\$2,250.00	\$2,250.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,625.00	\$2,625.00	\$2,350.00	\$2,350.00	\$2,298.00	\$2,298.00	\$2,370.50	\$2,370.50	\$909.00	\$3,030.00	\$659.00	\$2,163.00	\$3,050.00	\$3,050.00
21 305.9 Remove Storm Catch Basin	Each	18	\$400.00	\$7,200.00	\$350.00	\$6,300.00	\$400.00	\$7,200.00	\$375.00	\$11,700.00	\$675.00	\$12,150.00	\$471.00	\$8,478.00	\$268.00	\$9,000.00	\$909.00	\$16,362.00	\$659.00	\$11,862.00	\$450.00	\$12,600.00
22 306.8 Adjust Storm Manhole	Each	12	\$450.00	\$5,400.00	\$375.00	\$4,500.00	\$400.00	\$4,800.00	\$575.00	\$6,900.00	\$600.00	\$7,200.00	\$538.00	\$6,456.00	\$508.00	\$6,096.00	\$808.00	\$9,696.00	\$659.00	\$7,908.00	\$950.00	\$11,400.00
Install and Maintain Type	Lacii	12	γ - -30.00	75,400.00	73/3.00	Ç4,300.00	, γ4 00.00	ب - ,٥٠٥.00	,J/J.00	70,300.00	7000.00	77,200.00	00.600	70,430.00	7308.00	70,030.00	7000.00	79,090.00	00.500	00.00 ر ر د	Ç930.00	Ÿ±±,₩OU.OU
	Each	22	\$125.00	\$2,750.00	\$95.00	\$2,090.00	\$100.00	\$2,200.00	\$90.00	\$1,980.00	\$88.88	\$1,955.36	\$91.50	\$2,013.00	\$218.00	\$4,796.00	\$101.00	\$2,222.00	\$106.00	\$2,332.00	\$84.00	\$1,848.00
Total Storm Sewer	Lacii		7123.00	\$2,730.00	793.00	\$17,170.00	7100.00	\$18,595.00	\$30.00	\$1,980.00	700.00	\$25,439.36	791.30	\$2,013.00	ÇZ18.00	\$24,477.50	7101.00	\$2,222.00	7100.00	\$2,532.00	704.00	\$32,652.95
Base Bid HMA				720,033.00		\$17,170.00		710,333.00		723,343.3U		<i>\$23,</i> 733.30		921,104.00		727,777.30		737,730.20		720,030.00		432,032.33
Remove Existing Pavement	 	 			 						1	 					 					
	Lin. Ft.	5000	\$2.00	\$10,000.00	\$0.50	\$2,500.00	\$1.00	\$5,000.00	\$1.00	\$5,000.00	\$2.00	\$10,000.00	\$0.70	\$3,500.00	\$1.00	\$5,000.00	\$1.26	\$6,300.00	\$1.30	\$6,500.00	\$2.14	\$10,700.00
Sawcut Existing Bituminous		3000	γ ∠ .00	710,000.00	70.50	72,300.00	71.00	73,000.00	71.00	73,000.00	72.00	710,000.00	Ş0.70	75,500.00	71.00	73,000.00	71.20	70,300.00	71.50	70,300.00	72.14	Ψ±0,700.00
25 405.1 Pavement	Lin. Ft.	500	\$2.00	\$1,000.00	\$1.50	\$750.00	\$2.00	\$1,000.00	\$1.25	\$625.00	\$2.50	\$1,250.00	\$2.00	\$1,000.00	\$1.25	\$625.00	\$2.53	\$1,265.00	\$2.40	\$1,200.00	\$2.25	\$1,125.00
Remove Existing Bituminous		300	γ ∠ .00	71,000.00	71.50	\$7,50.00	72.00	71,000.00	71.23	7023.00	72.30	71,230.00	72.00	71,000.00	71.23	7023.00	72.55	71,203.00	72.40	71,200.00	72.23	71,123.00
	Sq. Yd.	13500	\$2.00	\$27,000.00	\$0.81	\$10,935.00	\$1.00	\$13,500.00	\$0.85	\$11,475.00	\$0.80	\$10,800.00	\$0.81	\$10,935.00	\$0.80	\$10,800.00	\$0.83	\$11,205.00	\$1.70	\$22,950.00	\$0.84	\$11,340.00
Remove Concrete Curb and	24	13300	72.00	727,000.00	Ç0.01	710,555.00	71.00	723,300.00	75.55	722,173.00	\$5.55	720,000.00	Ş0.01	720,333.00	75.55	720,000.00	70.03	711,200.00	71.70	722,330.00	Ç0.0 -	+11,5 10.00
	Lin. Ft.	850	\$5.00	\$4,250.00	\$5.05	\$4,292.50	\$8.00	\$6,800.00	\$1.25	\$1,062.50	\$5.00	\$4,250.00	\$1.00	\$850.00	\$1.30	\$1.105.00	\$5.15	\$4,377.50	\$2.60	\$2,210.00	\$5.25	\$4,462.50
	1	1 000	\$3.00	7 1,230.00	75.05	7 1,232.30	70.00	70,000.00	71.23	7 2,002.00	\$5.00	7 1,230.00	71.00	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	71.50	7 - , 200.00	ŢJ.1J	7 .,577.50	Ç2.00	72,210.00	73.23	+ 1, 102.00

Contract 2-23

Sewer, Water Main & Water Services, and Street Construction

Brantwood Dr, Brantwood Ct, Charles Ct, Hughes Ct, Memorial Ct and Patrick Ct

Carl Rowers &																								
									Carl Bowers &								Kruczek							
					Engineer		David Tenor	!	Sons Const Co.		Robert Immel		Don Hietpas		Wood Sewer &		Construction		De Groot				Don E Parker	
Line I	tem				Estimate		Corporation		inc.		Excavating		and Sons Inc.		Excavating		Inc.		Inc		Dorner Inc.		Excavating	
Item (Item Description	UofM			Extension		Extension	Unit Price E	Extension	Ü			Extension		Extension	Unit Price	Extension	Unit Price	Extension		Extension	Ŭ	Extension
		Remove Concrete		<u></u>																				
20			Ca Et	1000	\$1.75	\$1,750.00	\$2.53	\$2,530.00	\$1.00	\$1,000.00	\$0.85	\$850.00	\$2.50	\$2,500.00	\$1.70	\$1,700.00	\$0.90	\$900.00	\$2.58	\$2,580.00	\$0.75	\$750.00	\$2.63	\$2,630.00
		Unclassified Excavation	Sq. Ft. Cu. Yd.	1000 5000		\$1,730.00	\$2.53		\$1.00	\$60,000.00	\$7.65		\$12.40		\$1.70		\$7.55		\$12.78		\$15.50	·	\$13.02	
29 /	102.1.7.4		Cu. Yu.	5000	\$14.00	\$70,000.00	\$12.55	\$62,650.00	\$12.00	\$60,000.00	\$7.05	\$38,250.00	\$12.40	\$62,000.00	\$7.50	\$37,500.00	\$7.55	\$37,750.00	\$12.78	\$63,900.00	\$15.50	\$77,500.00	\$13.02	\$65,100.00
20		Furnish and Install Crushed	_	5000	442.00	470 000 00	40.65	457.000.00	442.40	.	442.00	400.000.00	40.55	457.000.00	440.50	404 000 00	440.70	400 000 00	40.04	450.040.00	445.50	400 000 00	440.00	450 400 00
		Aggregate Base	Ton	6000	\$13.00	\$78,000.00	\$9.65	\$57,900.00	\$12.40	\$74,400.00	\$13.80	\$82,800.00	\$9.55	\$57,300.00	\$13.50	\$81,000.00	\$13.70	\$82,200.00	\$9.84	\$59,040.00	\$15.50	\$93,000.00	\$10.02	\$60,120.00
31	102.1.4.1		Sq. Yd.	9000	\$2.50	\$22,500.00	\$2.02	\$18,180.00	\$1.60	\$14,400.00	\$1.60	\$14,400.00	\$2.00	\$18,000.00	\$1.60	\$14,400.00	\$1.60	\$14,400.00	\$2.06	\$18,540.00	\$1.75	\$15,750.00	\$2.10	\$18,900.00
		Furnish and Install 1/2-inch				4			,	4		4		4		4		4	,	4		4	4	4
	102.1.5.3		Lin. Ft.	500	\$1.50	\$750.00	\$2.04	\$1,020.00	\$2.00	\$1,000.00	\$2.05	\$1,025.00	\$2.00	\$1,000.00	\$2.30	\$1,150.00	\$0.20	\$100.00	\$2.06	\$1,030.00	\$2.10	\$1,050.00	\$2.10	\$1,050.00
33 4		•	Sq. Yd.	13500	\$2.00	\$27,000.00	\$1.88	\$25,380.00	\$1.85	\$24,975.00	\$1.90	\$25,650.00	\$1.87	\$25,245.00	\$1.90	\$25,650.00	\$1.90	\$25,650.00	\$1.91	\$25,785.00	\$2.00	\$27,000.00	\$1.95	\$26,325.00
		Furnish and Install HMA																						
34	102.2.3.1	Pavement (4-inch)	Ton	3100	\$80.00	\$248,000.00	\$75.38	\$233,678.00	\$74.00	\$229,400.00	\$75.25	\$233,275.00	\$74.64	\$231,384.00	\$75.00	\$232,500.00	\$75.35	\$233,585.00	\$76.13	\$236,003.00	\$78.00	\$241,800.00	\$77.60	\$240,560.00
		Furnish and Install Concrete																						
35 4	103.2.1.1	Curb & Gutter	Lin. Ft.	850	\$45.00	\$38,250.00	\$30.60	\$26,010.00	\$30.00	\$25,500.00	\$49.20	\$41,820.00	\$49.00	\$41,650.00	\$50.50	\$42,925.00	\$49.00	\$41,650.00	\$49.45	\$42,032.50	\$50.70	\$43,095.00	\$52.75	\$44,837.50
		Furnish and Install 4"																						
36	104.1.1	Concrete Sidewalk	Sq. Ft.	250	\$7.00	\$1,750.00	\$6.38	\$1,595.00	\$6.25	\$1,562.50	\$9.25	\$2,312.50	\$10.00	\$2,500.00	\$11.00	\$2,750.00	\$10.00	\$2,500.00	\$9.27	\$2,317.50	\$9.50	\$2,375.00	\$10.45	\$2,612.50
		Furnish and Install 6-inch																						
37	104.3.2	Concrete Sidewalk/Driveway	Sq. Ft.	750	\$8.00	\$6,000.00	\$7.40	\$5,550.00	\$7.25	\$5,437.50	\$10.25	\$7,687.50	\$10.00	\$7,500.00	\$11.50	\$8,625.00	\$10.00	\$7,500.00	\$10.30	\$7,725.00	\$10.60	\$7,950.00	\$11.50	\$8,625.00
		Install Detectable Warning																						
38	706.2	Fields (supplied by City)	Each	4	\$60.00	\$240.00	\$51.00	\$204.00	\$50.00	\$200.00	\$50.00	\$200.00	\$50.00	\$200.00	\$60.50	\$242.00	\$51.00	\$204.00	\$51.51	\$206.04	\$53.00	\$212.00	\$52.50	\$210.00
		Furnish & Install Terracing,																						
39	505.1	Fertilize, Seed & Hydromulch	Sq. Yd.	500	\$10.00	\$5,000.00	\$8.97	\$4,485.00	\$10.00	\$5,000.00	\$8.50	\$4,250.00	\$9.25	\$4,625.00	\$18.50	\$9,250.00	\$8.25	\$4,125.00	\$11.11	\$5,555.00	\$9.70	\$4,850.00	\$10.50	\$5,250.00
		Install and Maintain Traffic	·		-				·												·		-	
40	706.1	Control	Lump Sui	m 1	\$50,000.00	\$50,000.00	\$15,375.00	\$15,375.00	\$4,200.00	\$4,200.00	\$12,000.00	\$12,000.00	\$8,242.00	\$8,242.00	\$12,271.00	\$12,271.00	\$26,000.00	\$26,000.00	\$5,050.00	\$5,050.00	\$5,279.00	\$5,279.00	\$19,860.00	\$19,860.00
Total H	MA Stree					\$591,490.00		\$473,034.50		\$473,375.00		\$482,682.50		\$488,446.00		\$486,248.00		\$494,094.00		\$492,911.54		\$553,471.00		\$523,707.50
	ase Bid					\$1,228,485.00		\$1,077,298.50		\$1,088,810.00		\$1,099,021.00		\$1,109,640.16		\$1,110,012.00		\$1,127,000.00		\$1,231,720.20		\$1,251,005.00		\$1,251,043.45
. 0						+-,		+-,-,-,				+-100010==100		* -1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		+=,==0,0==100		,,000100		+-,		+=,=0=,000,00		+-,,,,