

DATE July 9, 2012

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON 2012 SEWER REPAIR - CONTRACT 2; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS THE UNDERGROUND COMPANY, LTD., DUANE BURKHARDT, PRESIDENT, \$322,452.50

WHEREAS, on June 11, 2012, under Roll Call No. 12-0860, plans, specifications, form of contract documents, and Engineer's estimate of construction cost were filed with the City Clerk, for the construction of the following improvement:

2012 Sewer Repair - Contract 2, 08-2012-002

The improvement includes installation of storm sewers, installation of manholes and intakes, placement of rip rap, grading, restoration of pavement and landscaping, and other incidental items; all work in accordance with the contract documents including Plan File Nos. 546-043/059 at the following locations: 4352 N.E. Aurora Avenue, 7001 S.W. 16th Street, S.E. 1st Street and Van Buren Street, S.W. 2nd Street and Dunham Avenue, E. 31st Street and Thompson Avenue, and Indianola Avenue and South Union Street, Des Moines, Iowa

WHEREAS, notice of the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost was published as required by law.

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the hearing on the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be closed; and that said plans, specifications, form of contract documents, and Engineer's estimate of construction cost are hereby approved as the plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement.

BE IT FURTHER RESOLVED: That sealed bids for said improvement were submitted by the following bidders:

- | | |
|----------------------------------|----------------|
| The Underground Company, Ltd. | Carlisle, IA |
| Reilly Construction Co., Inc. | Ossian, IA |
| Raccoon Valley Contractors, LLC. | Waukee, IA |
| J & K Contracting, LLC | Ames, IA |
| MPS Engineers, P.C. | Des Moines, IA |
| Pohlmeier Construction, Inc. | Bondurant, IA |
| Keller Excavating, Inc. | Boone, IA |

which were received and opened at a public meeting presided over by the Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on June 26, 2012. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

★ **Roll Call Number**

Agenda Item Number
38

DATE July 9, 2012

BE IT FURTHER RESOLVED: That the Des Moines City Engineer, as the Engineer, has determined that the lowest responsive, responsible bid for the construction of said improvement was submitted by The Underground Company, Ltd., Duane Burkhardt, President, 12245 Dakota Street, Carlisle, IA, 50047 in the amount of \$322,452.50, and said bid be and the same is hereby accepted.

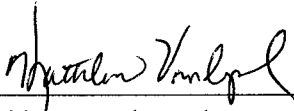
BE IT FURTHER RESOLVED: That the bid security of the unsuccessful bidders be and is hereby authorized and directed to be returned.

BE IT FURTHER RESOLVED: That the Engineer is hereby directed to secure execution by the lowest responsible, responsive Bidder and its surety of the contract documents in the form heretofore approved by this Council; that the Engineer is directed to thereafter present said contract documents to this Council for approval and authorization to the Mayor to sign; and that no contract shall be deemed to exist between the City of Des Moines and said Bidder until said contract has been executed by the Bidder, and shall have been approved by this Council and executed by the Mayor and attested to by the City Clerk.

(City Council Communication Number 12.359 attached.)

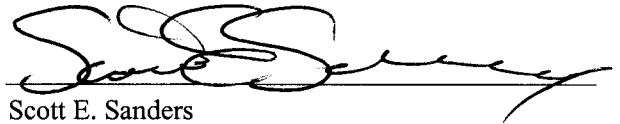
Moved by _____ to adopt.

FORM APPROVED:




Kathleen Vanderpool
Deputy City Attorney

FUNDS AVAILABLE



Scott E. Sanders
Des Moines Finance Director

 Funding Source: 2012-2013 CIP, Page Storm - 4, City-wide Storm Water Utility Projects, STE057, Storm Water Utility Funds, Being: \$306,485.50 in Storm Water Utility Funds, and the remaining \$15,967 from Des Moines Water Works

COUNCIL ACTION	YEAS	NAYS	PASS	ABSENT
COWNIE				
COLEMAN				
GRIESS				
HENSLEY				
MAHAFFEY				
MEYER				
MOORE				
TOTAL				

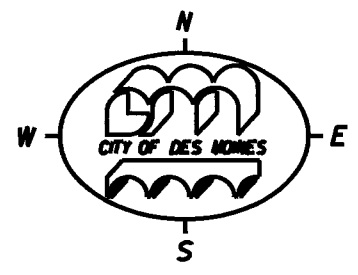
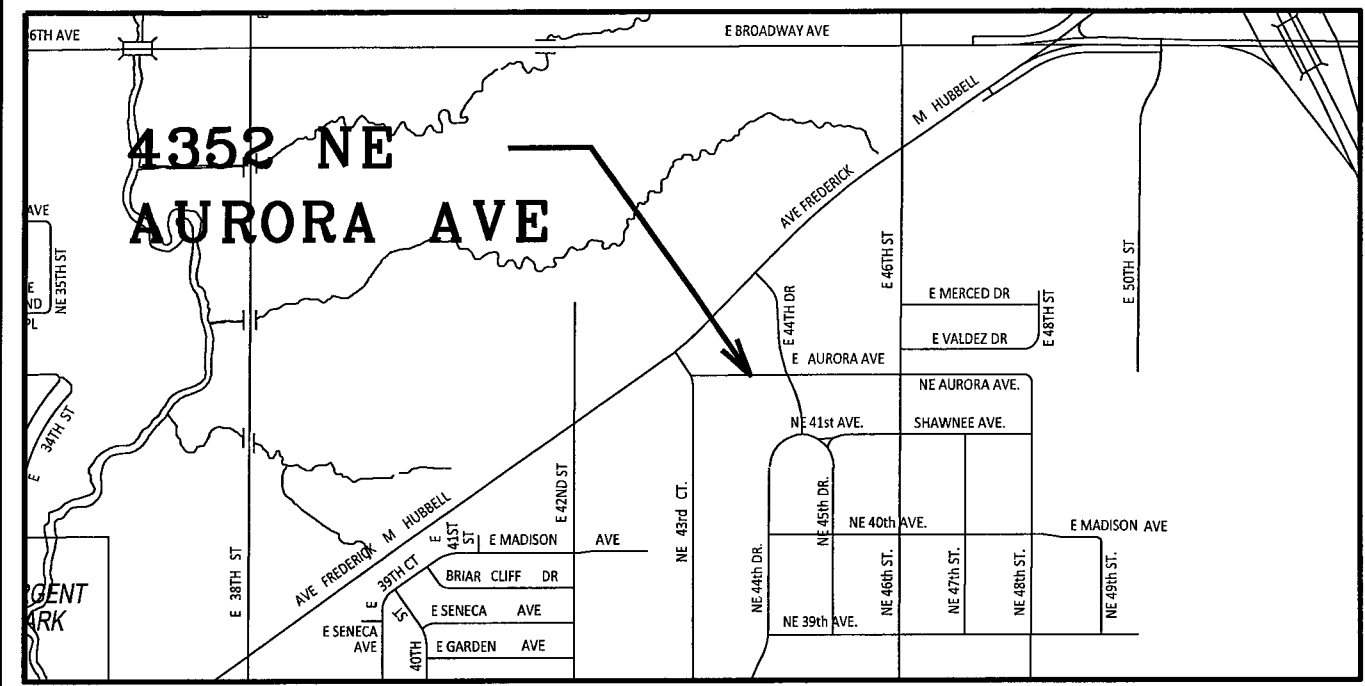
MOTION CARRIED APPROVED

Mayor

I, Diane Rauh, City Clerk of said City Council, hereby certify that at a meeting of the City Council, held on the above date, among other proceedings the above was adopted.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

City Clerk



2012 SEWER REPAIR - CONTRACT 2
ACTIVITY ID 08-2012-002
PAGE 1 OF 2

TABULATED BY: Z. Erickson APPROVED BY: R. De Groot
CHECKED BY: Walt D. Burt

Revised (Addendum No. 1)

CONTRACTOR'S BID TABULATION
PROJECT: 2012 SEWER REPAIR - CONTRACT 2

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT		AMOUNT		The Underground Company, Ltd Carlisle, IA		Reilly Construction Co., Inc. Ossian, IA		Raccoon Valley Contractors Waukeee, IA	
			PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE
DIVISION 1: 4352 NE Aurora Avenue												
1.01	Mobilization	1 LS	\$2,935.00	\$2,935.00		\$600.00	\$600.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$3,000.00
1.02	Traffic Control	1 LS	\$700.00	\$700.00	\$1,164.00	\$1,164.00	\$1,164.00	\$1,164.00	\$1,164.00	\$2,300.00	\$2,300.00	\$2,300.00
1.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$100.00	\$100.00	\$100.00
1.04	Removal of Existing Storm Sewer <36"	64 LF	\$30.00	\$1,920.00	\$960.00	\$960.00	\$20.00	\$1,280.00	\$20.00	\$25.00	\$25.00	\$1,600.00
1.05	Sewer, Class III RCP Storm, 15"	27 LF	\$100.00	\$2,700.00	\$98.00	\$2,646.00	\$95.00	\$2,565.00	\$95.00	\$200.00	\$200.00	\$5,400.00
1.06	Sewer, Class III RCP Storm, 30"	59 LF	\$175.00	\$10,325.00	\$124.00	\$7,316.00	\$160.00	\$9,440.00	\$160.00	\$280.00	\$280.00	\$16,520.00
1.07	Pipe Apron, 15" RCP, Apron Guard, Footing	1 EACH	\$1,200.00	\$1,200.00	\$1,275.00	\$1,275.00	\$1,700.00	\$1,700.00	\$1,700.00	\$1,500.00	\$1,500.00	\$1,500.00
1.08	Pipe Apron, 30" RCP, Apron Guard, Footing	2 EACH	\$2,000.00	\$4,000.00	\$2,040.00	\$4,080.00	\$2,400.00	\$4,800.00	\$2,400.00	\$3,500.00	\$3,500.00	\$7,000.00
1.09	Manhole, Type SW-402, 50" x 50" Minimum	1 EACH	\$7,500.00	\$7,500.00	\$3,300.00	\$3,300.00	\$4,500.00	\$4,500.00	\$4,500.00	\$3,000.00	\$3,000.00	\$3,000.00
1.10	Pavement Removal	43 SY	\$30.00	\$1,290.00	\$15.00	\$645.00	\$30.00	\$1,290.00	\$30.00	\$12.00	\$12.00	\$516.00
1.11	Pavement, Composite Patch	33 SY	\$110.00	\$3,630.00	\$135.00	\$4,455.00	\$120.00	\$3,960.00	\$120.00	\$240.00	\$240.00	\$7,920.00
1.12	Driveway, PCC 6"	44 SY	\$60.00	\$2,640.00	\$45.00	\$1,980.00	\$90.00	\$3,960.00	\$90.00	\$50.00	\$50.00	\$2,200.00
1.13	Granular Surface, Class A Crushed Stone	18 TON	\$40.00	\$720.00	\$35.00	\$630.00	\$27.00	\$486.00	\$27.00	\$40.00	\$40.00	\$720.00
1.14	Flow Transition Mat	64 SF	\$15.00	\$960.00	\$17.00	\$1,088.00	\$19.00	\$1,216.00	\$19.00	\$16.00	\$16.00	\$1,024.00
1.15	Earthwork	1 LS	\$7,000.00	\$7,000.00	\$8,000.00	\$8,000.00	\$7,000.00	\$7,000.00	\$7,000.00	\$8,000.00	\$8,000.00	\$8,000.00
1.16	Sodding	71 SQ	\$60.00	\$4,260.00	\$38.00	\$2,698.00	\$55.00	\$3,905.00	\$55.00	\$58.00	\$58.00	\$4,118.00
1.17	Erosion Control Measures	160 LF	\$3.00	\$480.00	\$3.00	\$480.00	\$4.00	\$640.00	\$4.00	\$2.50	\$2.50	\$400.00
1.18	Tree Protection	1 LS	\$650.00	\$650.00	\$500.00	\$500.00	\$1,750.00	\$1,750.00	\$1,750.00	\$100.00	\$100.00	\$100.00
1.19	Tree Protection Fence	105 LF	\$3.00	\$315.00	\$3.50	\$367.50	\$4.00	\$420.00	\$4.00	\$3.00	\$3.00	\$315.00
1.20	Water Main Removal, 12" PVC	59 LF	\$15.00	\$885.00	\$15.00	\$885.00	\$20.00	\$1,180.00	\$20.00	\$30.00	\$30.00	\$1,770.00
1.21	Water Main, Trenched, Mechanical Restrained Joint, PVC C900, DR 18, 12"	71 LF	\$125.00	\$8,875.00	\$107.00	\$7,597.00	\$100.00	\$7,100.00	\$100.00	\$167.00	\$167.00	\$11,857.00
1.22	Water Main, 12" Bend	3 EA	\$600.00	\$1,800.00	\$885.00	\$2,655.00	\$800.00	\$2,400.00	\$800.00	\$300.00	\$300.00	\$900.00
1.23	Water Main, 12" Cap	1 EA	\$300.00	\$300.00	\$730.00	\$730.00	\$600.00	\$600.00	\$600.00	\$100.00	\$100.00	\$100.00
1.24	Water Main, 12" Solid Sleeve	1 EA	\$500.00	\$500.00	\$470.00	\$470.00	\$800.00	\$800.00	\$800.00	\$200.00	\$200.00	\$200.00
1.25	Water Main Service Stub, 1" Copper	1 EA	\$2,000.00	\$2,000.00	\$3,630.00	\$3,630.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
1.26	Subdrain, 6" PVC	5 LF	\$18.00	\$90.00	\$50.00	\$250.00	\$25.00	\$125.00	\$25.00	\$100.00	\$100.00	\$500.00
DIVISION 2: 7001 SW 16th Street												
2.01	Mobilization	1 LS	\$5,600.00	\$5,600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$600.00	\$2,000.00	\$2,000.00	\$2,000.00
2.02	Traffic Control	1 LS	\$700.00	\$700.00	\$1,116.00	\$1,116.00	\$1,116.00	\$1,116.00	\$1,116.00	\$1,000.00	\$1,000.00	\$1,000.00
2.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$75.00	\$75.00	\$75.00	\$75.00	\$75.00	\$100.00	\$100.00	\$100.00
2.04	Removal of Existing Storm Sewer <36"	45 LF	\$30.00	\$1,350.00	\$675.00	\$675.00	\$20.00	\$900.00	\$20.00	\$29.00	\$29.00	\$1,305.00
2.05	Removal of Existing Riprap	1 LS	\$7,000.00	\$7,000.00	\$400.00	\$400.00	\$3,200.00	\$3,200.00	\$3,200.00	\$500.00	\$500.00	\$500.00
2.06	Removal of Existing Storm Structure	1 EACH	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$600.00	\$600.00	\$600.00	\$500.00	\$500.00	\$500.00
2.07	Sewer, Class III RCP Storm, 36"	302 LF	\$180.00	\$54,360.00	\$110.00	\$33,220.00	\$165.00	\$49,830.00	\$165.00	\$150.00	\$150.00	\$45,300.00
2.08	Intake, Type SW-513	2 EACH	\$3,500.00	\$7,000.00	\$3,700.00	\$7,400.00	\$4,200.00	\$8,400.00	\$4,200.00	\$4,000.00	\$4,000.00	\$8,000.00
2.09	Manhole, Type SW-402, 48" x 56" Minimum	1 EACH	\$7,500.00	\$7,500.00	\$3,800.00	\$3,800.00	\$4,800.00	\$4,800.00	\$4,800.00	\$3,500.00	\$3,500.00	\$3,500.00
2.10	Connection to Storm Structure/Sewer	3 EACH	\$800.00	\$2,400.00	\$1,300.00	\$3,900.00	\$500.00	\$1,500.00	\$500.00	\$300.00	\$300.00	\$900.00
2.11	Earthwork	1 LS	\$7,000.00	\$7,000.00	\$4,000.00	\$4,000.00	\$7,500.00	\$7,500.00	\$7,500.00	\$4,000.00	\$4,000.00	\$4,000.00
2.12	Granular Surface, Class A Crushed Stone	4 TON	\$40.00	\$160.00	\$35.00	\$140.00	\$70.00	\$280.00	\$70.00	\$40.00	\$40.00	\$160.00
2.13	Granular Surface, Recycled Asphalt Pavement, Unclassified	169 TON	\$50.00	\$8,450.00	\$30.00	\$5,070.00	\$40.00	\$6,760.00	\$40.00	\$35.00	\$35.00	\$5,915.00

ITEM	DESCRIPTION	UNIT		UNIT		UNIT		UNIT		
		QUANTITY	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
2.14	Sodding	60 SQ	\$60.00	\$3,600.00	\$38.00	\$2,280.00	\$55.00	\$3,300.00	\$58.00	\$3,480.00
2.15	Seeding, Fertilization & Mulching - Lawn Mix	220 SQ	\$35.00	\$7,700.00	\$8.00	\$1,760.00	\$12.00	\$2,640.00	\$11.00	\$2,420.00
2.16	Erosion Control Measures	300 LF	\$3.00	\$900.00	\$3.00	\$900.00	\$4.00	\$1,200.00	\$2.50	\$750.00
2.17	Tree Protection	1 LS	\$650.00	\$650.00	\$500.00	\$500.00	\$1,750.00	\$1,750.00	\$100.00	\$100.00
2.18	Tree Protection Fence	125 LF	\$3.00	\$375.00	\$3.50	\$437.50	\$4.00	\$500.00	\$3.00	\$375.00
DIVISION 3: SE 1st Street & Van Buren Street										
3.01	Mobilization	1 LS	\$3,600.00	\$3,600.00	\$600.00	\$600.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00
3.02	Traffic Control	1 LS	\$1,000.00	\$1,000.00	\$2,067.00	\$2,067.00	\$2,067.00	\$2,067.00	\$2,500.00	\$2,500.00
3.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$75.00	\$75.00	\$75.00	\$75.00	\$100.00	\$100.00
3.04	Removal and Plugging Existing Gatewell	2 EACH	\$3,000.00	\$6,000.00	\$455.00	\$910.00	\$600.00	\$1,200.00	\$1,000.00	\$1,000.00
3.05	Removal of Existing Storm Structure	2 EACH	\$2,000.00	\$4,000.00	\$500.00	\$1,000.00	\$160.00	\$320.00	\$500.00	\$1,000.00
3.06	Plug and Abandon Existing 15" Storm Sewer	15 CY	\$210.00	\$3,150.00	\$155.00	\$2,325.00	\$75.00	\$1,125.00	\$200.00	\$3,000.00
3.07	Sewer, Class III RCP Storm, 15"	109 LF	\$85.00	\$9,265.00	\$57.00	\$6,213.00	\$80.00	\$8,720.00	\$130.00	\$14,170.00
3.08	Sewer, Class III RCP Storm, 18"	103 LF	\$100.00	\$10,300.00	\$109.00	\$11,227.00	\$80.00	\$8,240.00	\$150.00	\$15,450.00
3.09	Manhole, Type SW-401	1 EACH	\$5,000.00	\$5,000.00	\$3,300.00	\$3,300.00	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00
3.10	Intake, Type SW-507	1 EACH	\$4,000.00	\$4,000.00	\$3,500.00	\$3,500.00	\$4,800.00	\$4,800.00	\$4,000.00	\$4,000.00
3.11	Intake, Type SW-509, Top Only	1 EACH	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
3.12	Connection to Storm Structure/Sewer	2 EACH	\$800.00	\$1,600.00	\$1,250.00	\$2,500.00	\$600.00	\$1,200.00	\$100.00	\$200.00
3.13	Pavement Removal	13 SY	\$30.00	\$390.00	\$15.00	\$195.00	\$35.00	\$455.00	\$12.00	\$156.00
3.14	Pavement, Composite Patch	11 SY	\$110.00	\$1,210.00	\$160.00	\$1,760.00	\$120.00	\$1,320.00	\$400.00	\$4,400.00
3.15	Driveway, PCC, 6"	18 SY	\$60.00	\$1,080.00	\$45.00	\$810.00	\$90.00	\$1,620.00	\$45.00	\$810.00
3.16	Sidewalk Removal	977 SF	\$3.00	\$2,931.00	\$1.50	\$1,465.50	\$4.00	\$3,908.00	\$1.00	\$977.00
3.17	Sidewalk, PCC, 4"	910 SF	\$7.00	\$6,370.00	\$4.50	\$4,095.00	\$6.00	\$5,460.00	\$3.00	\$2,730.00
3.18	Granular Surface, Class A Crushed Stone	83 TON	\$40.00	\$3,320.00	\$30.00	\$2,490.00	\$26.00	\$2,158.00	\$40.00	\$3,320.00
3.19	Earthwork	1 LS	\$2,000.00	\$2,000.00	\$3,000.00	\$3,000.00	\$2,800.00	\$2,800.00	\$500.00	\$500.00
3.20	Seeding, Fertilization & Mulching - Lawn Mix	50 SQ	\$35.00	\$1,750.00	\$20.00	\$1,000.00	\$12.00	\$600.00	\$13.00	\$650.00
3.21	Erosion Control Measures	200 LF	\$600.00	\$120,000.00	\$3.00	\$600.00	\$4.00	\$800.00	\$2.50	\$500.00
3.22	Tree Protection	1 LS	\$650.00	\$650.00	\$500.00	\$500.00	\$1,750.00	\$1,750.00	\$100.00	\$100.00
3.23	Tree Protection Fence	60 LF	\$3.00	\$180.00	\$3.50	\$210.00	\$4.00	\$240.00	\$3.00	\$180.00
DIVISION 4: SW 2nd Street and Dunham Avenue										
4.01	Mobilization	1 LS	\$2,900.00	\$2,900.00	\$600.00	\$600.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00
4.02	Traffic Control	1 LS	\$1,000.00	\$1,000.00	\$2,144.00	\$2,144.00	\$2,145.00	\$2,145.00	\$1,000.00	\$1,000.00
4.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$75.00	\$75.00	\$75.00	\$75.00	\$100.00	\$100.00
4.04	Clearing and Grubbing	1 LS	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00	\$2,800.00	\$2,800.00	\$5,000.00	\$5,000.00
4.05	Sewer, Class III RCP Storm, 15"	185 LF	\$100.00	\$18,500.00	\$84.00	\$15,540.00	\$80.00	\$14,800.00	\$130.00	\$24,050.00
4.06	Pipe Apron, 15" RCP, Apron Guard, Footing	2 EACH	\$600.00	\$1,200.00	\$1,275.00	\$2,550.00	\$1,700.00	\$3,400.00	\$1,500.00	\$3,000.00
4.07	Manhole, Type SW-401	1 EACH	\$7,500.00	\$7,500.00	\$3,300.00	\$3,300.00	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00
4.08	Pavement Removal	90 SY	\$30.00	\$2,700.00	\$15.00	\$1,350.00	\$18.00	\$1,620.00	\$12.00	\$1,080.00
4.09	Pavement, Composite Patch	90 SY	\$110.00	\$9,900.00	\$135.00	\$12,150.00	\$120.00	\$10,800.00	\$130.00	\$11,700.00
4.10	Earthwork	1 LS	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00	\$3,500.00	\$3,500.00	\$1,000.00	\$1,000.00
4.11	Rip-Rap, Class D	9 TON	\$90.00	\$810.00	\$50.00	\$450.00	\$60.00	\$540.00	\$60.00	\$540.00
4.12	Sodding	40 SQ	\$60.00	\$2,400.00	\$38.00	\$1,520.00	\$55.00	\$2,200.00	\$58.00	\$2,320.00
4.13	Seeding, Fertilization & Mulching - Lawn Mix	110 SQ	\$35.00	\$3,850.00	\$12.00	\$1,320.00	\$12.00	\$1,320.00	\$13.00	\$1,430.00
4.14	Erosion Control Measures	100 LF	\$3.00	\$300.00	\$3.00	\$300.00	\$4.00	\$400.00	\$2.50	\$250.00
4.15	Tree Protection	1 LS	\$650.00	\$650.00	\$500.00	\$500.00	\$1,750.00	\$1,750.00	\$100.00	\$100.00
4.16	Tree Protection Fence	263 LF	\$3.00	\$789.00	\$3.50	\$920.50	\$4.00	\$1,052.00	\$3.00	\$789.00
DIVISION 5: E 31st Street and Thompson Avenue										
5.01	Mobilization	1 LS	\$2,400.00	\$2,400.00	\$600.00	\$600.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00
5.02	Traffic Control	1 LS	\$500.00	\$500.00	\$1,035.00	\$1,035.00	\$1,035.00	\$1,035.00	\$3,000.00	\$3,000.00
5.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$75.00	\$75.00	\$75.00	\$75.00	\$100.00	\$100.00
5.04	Clearing and Grubbing	1 LS	\$3,000.00	\$3,000.00	\$600.00	\$600.00	\$2,000.00	\$2,000.00	\$6,000.00	\$6,000.00

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE		AMOUNT		UNIT PRICE	AMOUNT		UNIT PRICE	AMOUNT	
			PRICE	AMOUNT	PRICE	AMOUNT		PRICE	AMOUNT		PRICE	AMOUNT
5.05	Removal of Existing Storm Sewer <36"	10 LF	\$30.00	\$300.00	\$20.00	\$200.00	\$30.00	\$300.00	\$29.00	\$290.00	\$30.00	\$300.00
5.06	Removal of Existing Storm Structure	1 EACH	\$2,000.00	\$2,000.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$500.00	\$500.00	\$1,000.00	\$1,000.00
5.07	Sewer, Class III RCP Storm, 18"	75 LF	\$100.00	\$7,500.00	\$82.00	\$6,150.00	\$90.00	\$6,750.00	\$50.00	\$3,750.00	\$90.00	\$6,750.00
5.08	Connection to Storm Structure/Sewer	3 EACH	\$800.00	\$2,400.00	\$550.00	\$1,650.00	\$500.00	\$1,500.00	\$300.00	\$900.00	\$300.00	\$900.00
5.09	Intake, Type SW-541	1 EACH	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00	\$4,800.00	\$4,800.00	\$5,800.00	\$5,800.00	\$4,800.00	\$4,800.00
5.10	Intake, Type SW-507	1 EACH	\$3,500.00	\$3,500.00	\$3,800.00	\$3,800.00	\$3,800.00	\$3,800.00	\$4,800.00	\$4,800.00	\$3,800.00	\$3,800.00
5.11	Intake, Type SW-503	1 EACH	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00	\$4,000.00	\$4,000.00	\$4,800.00	\$4,800.00	\$4,000.00	\$4,000.00
5.12	Sidewalk Removal	66 SF	\$3.00	\$198.00	\$1.50	\$99.00	\$4.00	\$264.00	\$1.00	\$66.00	\$4.00	\$264.00
5.13	Pavement Removal	72 SY	\$110.00	\$7,920.00	\$15.00	\$1,080.00	\$25.00	\$1,800.00	\$12.00	\$864.00	\$12.00	\$864.00
5.14	Pavement, Composite Patch	72 SY	\$110.00	\$7,920.00	\$110.00	\$7,920.00	\$120.00	\$8,640.00	\$130.00	\$9,360.00	\$130.00	\$9,360.00
5.15	Sidewalk, PCC, 6"	66 SF	\$8.00	\$528.00	\$4.50	\$297.00	\$90.00	\$5,940.00	\$4.00	\$264.00	\$4.00	\$264.00
5.16	Detectable Warnings, Truncated Domes	6 SF	\$40.00	\$240.00	\$100.00	\$600.00	\$35.00	\$210.00	\$20.00	\$120.00	\$20.00	\$120.00
5.17	Earthwork	1 LS	\$7,000.00	\$7,000.00	\$2,190.00	\$2,190.00	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$2,000.00	\$2,000.00
5.18	Sodding	20 SQ	\$60.00	\$1,200.00	\$42.00	\$840.00	\$55.00	\$1,100.00	\$58.00	\$1,160.00	\$58.00	\$1,160.00
5.19	Erosion Control Measures	170 LF	\$3.00	\$510.00	\$3.00	\$510.00	\$4.00	\$680.00	\$2.50	\$425.00	\$2.50	\$425.00
5.20	Tree Protection	1 LS	\$650.00	\$650.00	\$500.00	\$500.00	\$1,750.00	\$1,750.00	\$100.00	\$100.00	\$100.00	\$100.00
5.21	Tree Protection Fence	50 LF	\$3.00	\$150.00	\$3.50	\$175.00	\$4.00	\$200.00	\$3.00	\$150.00	\$3.00	\$150.00
DIVISION 6: Indianola Avenue and South Union Street												
6.01	Mobilization	1 LS	\$3,162.00	\$3,162.00	\$600.00	\$600.00	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00	\$3,500.00	\$3,500.00
6.02	Traffic Control	1 LS	\$1,000.00	\$1,000.00	\$2,762.00	\$2,762.00	\$2,762.00	\$2,762.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
6.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$75.00	\$75.00	\$75.00	\$75.00	\$100.00	\$100.00	\$100.00	\$100.00
6.04	Cleaning and Grubbing	1 LS	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00	\$5,500.00	\$5,500.00	\$5,500.00	\$5,500.00
6.05	Sewer, Class III RCP Storm, 15"	49 LF	\$100.00	\$4,900.00	\$150.00	\$7,350.00	\$120.00	\$5,880.00	\$220.00	\$10,780.00	\$220.00	\$10,780.00
6.06	Manhole, Type SW-402	1 EACH	\$5,000.00	\$5,000.00	\$3,400.00	\$3,400.00	\$4,000.00	\$4,000.00	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
6.07	Intake, Type SW-541	2 EACH	\$3,500.00	\$7,000.00	\$4,000.00	\$8,000.00	\$4,500.00	\$9,000.00	\$6,000.00	\$12,000.00	\$6,000.00	\$12,000.00
6.08	Intake, Type SW-512	1 EACH	\$2,500.00	\$2,500.00	\$1,500.00	\$1,500.00	\$1,300.00	\$1,300.00	\$1,000.00	\$1,000.00	\$1,000.00	\$1,000.00
6.09	Connection to Storm Structure/Sewer	2 EACH	\$2,400.00	\$4,800.00	\$1,350.00	\$2,700.00	\$600.00	\$1,200.00	\$200.00	\$400.00	\$200.00	\$400.00
6.10	Subdrain, Corrugated PVC, 8"	414 LF	\$18.00	\$7,452.00	\$30.00	\$12,420.00	\$22.00	\$9,108.00	\$69.00	\$28,566.00	\$69.00	\$28,566.00
6.11	Subdrain, Cleanout, 8"	3 EACH	\$400.00	\$1,200.00	\$800.00	\$2,400.00	\$500.00	\$1,500.00	\$300.00	\$900.00	\$300.00	\$900.00
6.12	Pavement Removal	61 SY	\$30.00	\$1,830.00	\$15.00	\$915.00	\$35.00	\$2,135.00	\$12.00	\$732.00	\$12.00	\$732.00
6.13	Pavement, Composite Patch	31 SY	\$110.00	\$3,410.00	\$135.00	\$4,185.00	\$120.00	\$3,720.00	\$200.00	\$6,200.00	\$200.00	\$6,200.00
6.14	Pavement, PCC, Class C Mix, 7"	30 SY	\$70.00	\$2,100.00	\$100.00	\$3,000.00	\$90.00	\$2,700.00	\$100.00	\$3,000.00	\$100.00	\$3,000.00
6.15	Sidewalk Removal	192 SF	\$3.00	\$576.00	\$1.50	\$288.00	\$4.00	\$768.00	\$1.00	\$192.00	\$1.00	\$192.00
6.16	Sidewalk, PCC, 4"	96 SF	\$8.00	\$768.00	\$4.50	\$432.00	\$6.00	\$576.00	\$4.00	\$384.00	\$4.00	\$384.00
6.17	Earthwork	1 LS	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00	\$2,800.00	\$2,800.00	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00
6.18	TRM, Type 3	10 SQ	\$175.00	\$1,750.00	\$14.00	\$140.00	\$90.00	\$900.00	\$90.00	\$900.00	\$90.00	\$900.00
6.19	Sodding	66 SQ	\$60.00	\$3,960.00	\$38.00	\$2,508.00	\$55.00	\$3,630.00	\$58.00	\$3,828.00	\$58.00	\$3,828.00
6.20	Erosion Control Measures	190 LF	\$4.00	\$760.00	\$3.00	\$570.00	\$4.00	\$760.00	\$2.50	\$475.00	\$2.50	\$475.00
6.21	Tree Protection	1 LS	\$650.00	\$650.00	\$500.00	\$500.00	\$1,750.00	\$1,750.00	\$100.00	\$100.00	\$100.00	\$100.00
6.22	Tree Protection Fence	437 LF	\$3.00	\$1,311.00	\$3.50	\$1,529.50	\$4.00	\$1,748.00	\$3.00	\$1,311.00	\$3.00	\$1,311.00
TOTAL CONSTRUCTION COST				\$421,000.00		\$322,452.50		\$409,333.00		\$433,284.00		\$433,284.00
PERCENT OF ENGINEER'S ESTIMATE						-23.41%		-2.77%		+2.92%		+2.92%
						Low						

TABULATED BY: Z. Erickson APPROVED BY: R. De Groot

CHECKED BY: _____

Revised (Addendum No. 1)
CONTRACTOR'S BID TABULATION
PROJECT: 2012 SEWER REPAIR - CONTRACT 2

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		AMOUNT		J&K Contracting, LLC Ames, IA		MPS Engineers Des Moines, IA		Pohlmeier Construction, Inc. Bondurant, IA	
			PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT	UNIT	PRICE
DIVISION 1: 4352 NE Aurora Avenue												
1.01	Mobilization	1 LS	\$2,935.00	\$2,935.00								
1.02	Traffic Control	1 LS	\$700.00	\$700.00								
1.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00								
1.04	Removal of Existing Storm Sewer <36"	64 LF	\$30.00	\$1,920.00								
1.05	Sewer, Class III RCP Storm, 15"	27 LF	\$100.00	\$2,700.00								
1.06	Sewer, Class III RCP Storm, 30"	59 LF	\$175.00	\$10,325.00								
1.07	Pipe Apron, 15" RCP, Apron Guard, Footing	1 EACH	\$1,200.00	\$1,200.00								
1.08	Pipe Apron, 30" RCP, Apron Guard, Footing	2 EACH	\$2,000.00	\$4,000.00								
1.09	Manhole, Type SW-402, 50" x 50" Minimum	1 EACH	\$7,500.00	\$7,500.00								
1.10	Pavement Removal	43 SY	\$30.00	\$1,290.00								
1.11	Pavement, Composite Patch	33 SY	\$363.00	\$11,000.00								
1.12	Driveway, PCC 6"	44 SY	\$60.00	\$2,640.00								
1.13	Granular Surface, Class A Crushed Stone	18 TON	\$40.00	\$720.00								
1.14	Flow Transition Mat	64 SF	\$15.00	\$960.00								
1.15	Earthwork	1 LS	\$7,000.00	\$7,000.00								
1.16	Sodding	71 SQ	\$60.00	\$4,260.00								
1.17	Erosion Control Measures	160 LF	\$3.00	\$480.00								
1.18	Tree Protection	1 LS	\$650.00	\$650.00								
1.19	Tree Protection Fence	105 LF	\$3.00	\$315.00								
1.20	Water Main Removal, 12" PVC	59 LF	\$15.00	\$885.00								
1.21	Water Main, Trenched, Mechanical Restrained Joint, PVC C900, DR 18, 12"	71 LF	\$125.00	\$8,875.00								
1.22	Water Main, 12" Bend	3 EA	\$600.00	\$1,800.00								
1.23	Water Main, 12" Cap	1 EA	\$300.00	\$300.00								
1.24	Water Main, 12" Solid Sleeve	1 EA	\$500.00	\$500.00								
1.25	Water Main Service Stub, 1" Copper	1 EA	\$2,000.00	\$2,000.00								
1.26	Subdrain, 6" PVC	5 LF	\$18.00	\$90.00								
DIVISION 2: 7001 SW 16th Street												
2.01	Mobilization	1 LS	\$5,600.00	\$5,600.00								
2.02	Traffic Control	1 LS	\$700.00	\$700.00								
2.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00								
2.04	Removal of Existing Storm Sewer <36"	45 LF	\$30.00	\$1,350.00								
2.05	Removal of Existing Riprap	1 LS	\$7,000.00	\$7,000.00								
2.06	Removal of Existing Storm Structure	1 EACH	\$2,000.00	\$2,000.00								
2.07	Sewer, Class III RCP Storm, 36"	302 LF	\$180.00	\$54,360.00								
2.08	Intake, Type SW-513	2 EACH	\$3,500.00	\$7,000.00								
2.09	Manhole, Type SW-402, 48" x 56" Minimum	1 EACH	\$7,500.00	\$7,500.00								
2.10	Connection to Storm Structure/Sewer	3 EACH	\$800.00	\$2,400.00								
2.11	Earthwork	1 LS	\$7,000.00	\$7,000.00								
2.12	Granular Surface, Class A Crushed Stone	4 TON	\$40.00	\$160.00								
2.13	Granular Surface, Recycled Asphalt Pavement, Unclassified	189 TON	\$50.00	\$9,450.00								

WB

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
2.14	Sodding	60 SQ	\$60.00	\$3,600.00	\$40.00	\$2,400.00	\$72.00	\$4,320.00	\$55.00	\$3,300.00
2.15	Seeding, Fertilization & Mulching - Lawn Mix	220 SQ	\$35.00	\$7,700.00	\$8.00	\$1,760.00	\$30.00	\$6,600.00	\$17.00	\$3,740.00
2.16	Erosion Control Measures	300 LF	\$3.00	\$900.00	\$4.00	\$1,200.00	\$6.00	\$1,800.00	\$4.00	\$1,200.00
2.17	Tree Protection	1 LS	\$650.00	\$650.00	\$1,000.00	\$1,000.00	\$650.00	\$650.00	\$1,500.00	\$1,500.00
2.18	Tree Protection Fence	125 LF	\$3.00	\$375.00	\$3.00	\$375.00	\$3.00	\$375.00	\$5.00	\$625.00
DIVISION 3: SE 1st Street & Van Buren Street										
3.01	Mobilization	1 LS	\$3,600.00	\$3,600.00	\$6,800.00	\$6,800.00	\$4,800.00	\$4,800.00	\$4,500.00	\$4,500.00
3.02	Traffic Control	1 LS	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$2,100.00	\$2,100.00
3.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$100.00	\$100.00	\$400.00	\$400.00	\$100.00	\$100.00
3.04	Removal and Plugging Existing Gatewell	1 EACH	\$3,000.00	\$3,000.00	\$4,800.00	\$4,800.00	\$3,000.00	\$3,000.00	\$3,000.00	\$3,000.00
3.05	Removal of Existing Storm Structure	2 EACH	\$2,000.00	\$4,000.00	\$1,600.00	\$3,200.00	\$2,000.00	\$4,000.00	\$500.00	\$1,000.00
3.06	Plug and Abandon Existing 15" Storm Sewer	15 CY	\$210.00	\$3,150.00	\$206.00	\$3,090.00	\$210.00	\$3,150.00	\$200.00	\$3,000.00
3.07	Sewer, Class III RCP Storm, 15"	109 LF	\$85.00	\$9,265.00	\$70.00	\$7,630.00	\$85.00	\$9,265.00	\$150.00	\$16,350.00
3.08	Sewer, Class III RCP Storm, 18"	103 LF	\$100.00	\$10,300.00	\$62.00	\$6,386.00	\$100.00	\$10,300.00	\$160.00	\$16,480.00
3.09	Manhole, Type SW-401	1 EACH	\$5,000.00	\$5,000.00	\$2,800.00	\$2,800.00	\$5,000.00	\$5,000.00	\$3,000.00	\$3,000.00
3.10	Intake, Type SW-507	1 EACH	\$4,000.00	\$4,000.00	\$5,900.00	\$5,900.00	\$4,500.00	\$4,500.00	\$5,000.00	\$5,000.00
3.11	Intake, Type SW-509, Top Only	1 EACH	\$1,500.00	\$1,500.00	\$4,900.00	\$4,900.00	\$1,700.00	\$1,700.00	\$2,000.00	\$2,000.00
3.12	Connection to Storm Structure/Sewer	2 EACH	\$800.00	\$1,600.00	\$1,560.00	\$3,120.00	\$800.00	\$1,600.00	\$1,500.00	\$3,000.00
3.13	Pavement Removal	13 SY	\$30.00	\$390.00	\$35.00	\$455.00	\$30.00	\$390.00	\$20.00	\$260.00
3.14	Pavement, Composite Patch	11 SY	\$110.00	\$1,210.00	\$385.00	\$4,235.00	\$130.00	\$1,430.00	\$415.00	\$4,565.00
3.15	Driveway, PCC, 6"	18 SY	\$60.00	\$1,080.00	\$78.00	\$1,404.00	\$60.00	\$1,080.00	\$55.00	\$990.00
3.16	Sidewalk Removal	977 SF	\$3.00	\$2,931.00	\$977.00	\$977.00	\$3.00	\$2,931.00	\$4.00	\$3,908.00
3.17	Sidewalk, PCC, 4"	910 SF	\$7.00	\$6,370.00	\$8.00	\$7,280.00	\$7.00	\$6,370.00	\$6.00	\$5,460.00
3.18	Granular Surface, Class A Crushed Stone	83 TON	\$40.00	\$3,320.00	\$30.00	\$2,490.00	\$40.00	\$3,320.00	\$30.00	\$2,490.00
3.19	Earthwork	1 LS	\$2,000.00	\$2,000.00	\$2,500.00	\$2,500.00	\$2,000.00	\$2,000.00	\$3,500.00	\$3,500.00
3.20	Seeding, Fertilization & Mulching - Lawn Mix	50 SQ	\$35.00	\$1,750.00	\$20.00	\$1,000.00	\$35.00	\$1,750.00	\$17.00	\$850.00
3.21	Erosion Control Measures	200 LF	\$3.00	\$600.00	\$4.00	\$800.00	\$6.00	\$1,200.00	\$4.00	\$800.00
3.22	Tree Protection	1 LS	\$650.00	\$650.00	\$600.00	\$600.00	\$650.00	\$650.00	\$1,500.00	\$1,500.00
3.23	Tree Protection Fence	60 LF	\$3.00	\$180.00	\$4.00	\$240.00	\$3.00	\$180.00	\$5.00	\$300.00
DIVISION 4: SW 2nd Street and Dunham Avenue										
4.01	Mobilization	1 LS	\$2,900.00	\$2,900.00	\$7,400.00	\$7,400.00	\$3,600.00	\$3,600.00	\$4,500.00	\$4,500.00
4.02	Traffic Control	1 LS	\$1,000.00	\$1,000.00	\$2,200.00	\$2,200.00	\$3,000.00	\$3,000.00	\$2,200.00	\$2,200.00
4.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$80.00	\$80.00	\$400.00	\$400.00	\$100.00	\$100.00
4.04	Clearing and Grubbing	1 LS	\$3,000.00	\$3,000.00	\$6,200.00	\$6,200.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00
4.05	Sewer, Class III RCP Storm, 15"	185 LF	\$100.00	\$18,500.00	\$52.00	\$9,620.00	\$100.00	\$18,500.00	\$150.00	\$27,750.00
4.06	Pipe Apron, 15" RCP, Apron Guard, Footing	2 EACH	\$600.00	\$1,200.00	\$1,900.00	\$3,800.00	\$600.00	\$1,200.00	\$1,700.00	\$3,400.00
4.07	Manhole, Type SW-401	1 EACH	\$7,500.00	\$7,500.00	\$2,700.00	\$2,700.00	\$8,000.00	\$8,000.00	\$3,600.00	\$3,600.00
4.08	Pavement Removal	90 SY	\$30.00	\$2,700.00	\$17.00	\$1,530.00	\$30.00	\$2,700.00	\$20.00	\$1,800.00
4.09	Pavement, Composite Patch	90 SY	\$110.00	\$9,900.00	\$128.00	\$11,520.00	\$130.00	\$11,700.00	\$140.00	\$12,600.00
4.10	Earthwork	1 LS	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00
4.11	Rip-Rap, Class D	9 TON	\$90.00	\$810.00	\$70.00	\$630.00	\$90.00	\$810.00	\$50.00	\$450.00
4.12	Sodding	40 SQ	\$60.00	\$2,400.00	\$40.00	\$1,600.00	\$72.00	\$2,880.00	\$55.00	\$2,200.00
4.13	Seeding, Fertilization & Mulching - Lawn Mix	110 SQ	\$35.00	\$3,850.00	\$12.00	\$1,320.00	\$35.00	\$3,850.00	\$22.00	\$2,420.00
4.14	Erosion Control Measures	100 LF	\$3.00	\$300.00	\$2.00	\$200.00	\$6.00	\$600.00	\$4.00	\$400.00
4.15	Tree Protection	1 LS	\$650.00	\$650.00	\$1,000.00	\$1,000.00	\$650.00	\$650.00	\$1,500.00	\$1,500.00
4.16	Tree Protection Fence	263 LF	\$3.00	\$789.00	\$5.00	\$1,315.00	\$3.00	\$789.00	\$5.00	\$1,315.00
DIVISION 5: E 31st Street and Thompson Avenue										
5.01	Mobilization	1 LS	\$2,400.00	\$2,400.00	\$6,900.00	\$6,900.00	\$3,600.00	\$3,600.00	\$4,500.00	\$4,500.00
5.02	Traffic Control	1 LS	\$500.00	\$500.00	\$1,000.00	\$1,000.00	\$750.00	\$750.00	\$1,050.00	\$1,050.00
5.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$100.00	\$100.00	\$400.00	\$400.00	\$100.00	\$100.00
5.04	Clearing and Grubbing	1 LS	\$3,000.00	\$3,000.00	\$10,300.00	\$10,300.00	\$3,000.00	\$3,000.00	\$7,000.00	\$7,000.00

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ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT		UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
5.05	Removal of Existing Storm Sewer <36"	10 LF	\$30.00	\$300.00	\$60.00	\$600.00	\$30.00	\$300.00	\$25.00	\$250.00
5.06	Removal of Existing Storm Structure	1 EACH	\$2,000.00	\$2,000.00	\$600.00	\$600.00	\$2,000.00	\$2,000.00	\$500.00	\$500.00
5.07	Sewer, Class III RCP Storm, 18"	75 LF	\$100.00	\$7,500.00	\$78.00	\$5,850.00	\$100.00	\$7,500.00	\$170.00	\$12,750.00
5.08	Connection to Storm Structure/Sewer	3 EACH	\$800.00	\$2,400.00	\$800.00	\$2,400.00	\$800.00	\$2,400.00	\$1,500.00	\$4,500.00
5.09	Intake, Type SW-541	1 EACH	\$3,500.00	\$3,500.00	\$5,700.00	\$5,700.00	\$3,750.00	\$3,750.00	\$6,800.00	\$6,800.00
5.10	Intake, Type SW-507	1 EACH	\$3,500.00	\$3,500.00	\$4,800.00	\$4,800.00	\$3,750.00	\$3,750.00	\$6,700.00	\$6,700.00
5.11	Intake, Type SW-503	1 EACH	\$3,500.00	\$3,500.00	\$4,500.00	\$4,500.00	\$3,750.00	\$3,750.00	\$6,600.00	\$6,600.00
5.12	Sidewalk Removal	66 SF	\$3.00	\$198.00	\$3.00	\$198.00	\$3.00	\$198.00	\$4.00	\$264.00
5.13	Pavement Removal	72 SY	\$30.00	\$2,160.00	\$21.00	\$1,512.00	\$30.00	\$2,160.00	\$20.00	\$1,440.00
5.14	Pavement, Composite Patch	72 SY	\$110.00	\$7,920.00	\$130.00	\$9,360.00	\$130.00	\$9,360.00	\$115.00	\$8,280.00
5.15	Sidewalk, PCC, 6"	66 SF	\$8.00	\$528.00	\$9.00	\$594.00	\$8.00	\$528.00	\$15.00	\$990.00
5.16	Detectable Warnings, Truncated Domes	6 SF	\$40.00	\$240.00	\$50.00	\$300.00	\$40.00	\$240.00	\$250.00	\$1,500.00
5.17	Earthwork	1 LS	\$7,000.00	\$7,000.00	\$2,700.00	\$2,700.00	\$7,000.00	\$7,000.00	\$5,000.00	\$5,000.00
5.18	Sodding	20 SQ	\$60.00	\$1,200.00	\$42.40	\$848.00	\$72.00	\$1,440.00	\$55.00	\$1,100.00
5.19	Erosion Control Measures	170 LF	\$3.00	\$510.00	\$3.00	\$510.00	\$6.00	\$1,020.00	\$4.00	\$680.00
5.20	Tree Protection	1 LS	\$650.00	\$650.00	\$600.00	\$600.00	\$650.00	\$650.00	\$1,500.00	\$1,500.00
5.21	Tree Protection Fence	50 LF	\$3.00	\$150.00	\$5.00	\$250.00	\$3.00	\$150.00	\$5.00	\$250.00
DIVISION 6: Indianola Avenue and South Union Street										
6.01	Mobilization	1 LS	\$3,162.00	\$3,162.00	\$6,900.00	\$6,900.00	\$4,800.00	\$4,800.00	\$4,500.00	\$4,500.00
6.02	Traffic Control	1 LS	\$1,000.00	\$1,000.00	\$2,800.00	\$2,800.00	\$3,000.00	\$3,000.00	\$2,800.00	\$2,800.00
6.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$100.00	\$100.00	\$400.00	\$400.00	\$100.00	\$100.00
6.04	Clearing and Grubbing	1 LS	\$5,000.00	\$5,000.00	\$9,700.00	\$9,700.00	\$6,500.00	\$6,500.00	\$13,500.00	\$13,500.00
6.05	Sewer, Class III RCP Storm, 15"	49 LF	\$100.00	\$4,900.00	\$98.00	\$4,802.00	\$100.00	\$4,900.00	\$180.00	\$8,820.00
6.06	Manhole, Type SW-402	1 EACH	\$5,000.00	\$5,000.00	\$3,400.00	\$3,400.00	\$5,000.00	\$5,000.00	\$4,000.00	\$4,000.00
6.07	Intake, Type SW-541	2 EACH	\$3,500.00	\$7,000.00	\$6,100.00	\$12,200.00	\$3,600.00	\$7,200.00	\$6,000.00	\$12,000.00
6.08	Intake, Type SW-512	1 EACH	\$2,500.00	\$2,500.00	\$1,300.00	\$1,300.00	\$2,750.00	\$2,750.00	\$2,600.00	\$2,600.00
6.09	Connection to Storm Structure/Sewer	2 EACH	\$1,200.00	\$2,400.00	\$1,100.00	\$2,200.00	\$1,200.00	\$2,400.00	\$1,500.00	\$3,000.00
6.10	Subdrain, Corrugated PVC, 8"	414 LF	\$18.00	\$7,452.00	\$45.00	\$18,630.00	\$24.00	\$9,936.00	\$35.00	\$14,490.00
6.11	Subdrain, Cleanout, 8"	3 EACH	\$400.00	\$1,200.00	\$550.00	\$1,650.00	\$500.00	\$1,500.00	\$500.00	\$1,500.00
6.12	Pavement Removal	61 SY	\$1,830.00	\$1,130.00	\$40.00	\$2,440.00	\$30.00	\$1,830.00	\$20.00	\$1,220.00
6.13	Pavement, Composite Patch	31 SY	\$110.00	\$3,410.00	\$187.00	\$5,797.00	\$130.00	\$4,030.00	\$225.00	\$6,975.00
6.14	Pavement, PCC, Class C Mix, 7"	30 SY	\$70.00	\$2,100.00	\$84.00	\$2,520.00	\$80.00	\$2,400.00	\$190.00	\$5,700.00
6.15	Sidewalk Removal	192 SF	\$3.00	\$576.00	\$2.00	\$384.00	\$3.00	\$576.00	\$4.00	\$768.00
6.16	Sidewalk, PCC, 4"	96 SF	\$8.00	\$768.00	\$8.00	\$768.00	\$8.00	\$768.00	\$10.00	\$960.00
6.17	Earthwork	1 LS	\$1,500.00	\$1,500.00	\$5,500.00	\$5,500.00	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00
6.18	TRM, Type 3	10 SQ	\$175.00	\$1,750.00	\$14.00	\$140.00	\$175.00	\$1,750.00	\$140.00	\$1,400.00
6.19	Sodding	66 SQ	\$60.00	\$3,960.00	\$40.00	\$2,640.00	\$72.00	\$4,752.00	\$55.00	\$3,630.00
6.20	Erosion Control Measures	190 LF	\$4.00	\$760.00	\$3.00	\$570.00	\$6.00	\$1,140.00	\$4.00	\$760.00
6.21	Tree Protection	1 LS	\$650.00	\$650.00	\$1,000.00	\$1,000.00	\$650.00	\$650.00	\$1,500.00	\$1,500.00
6.22	Tree Protection Fence	437 LF	\$3.00	\$1,311.00	\$4.00	\$1,748.00	\$3.00	\$1,311.00	\$5.00	\$2,185.00
TOTAL CONSTRUCTION COST				\$421,000.00		\$438,054.80		\$456,231.00		\$518,394.00
PERCENT OF ENGINEER'S ESTIMATE						+4.05%		+8.37%		+23.13%

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 08-2012-002
Bid Date: 06/26/12

TABULATED BY: Z. Erickson APPROVED BY: R. DeBroot

CHECKED BY: _____
Revised (Addendum No. 1)

CONTRACTOR'S BID TABULATION
PROJECT: 2012 SEWER REPAIR - CONTRACT 2

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT	UNIT	PRICE	AMOUNT
DIVISION 1: 4352 NE Aurora Avenue								
1.01	Mobilization	1 LS		\$2,935.00	\$2,935.00		\$4,000.00	\$4,000.00
1.02	Traffic Control	1 LS		\$700.00	\$700.00		\$10,000.00	\$10,000.00
1.03	Project Sign Small - Standard	1 EACH		\$300.00	\$300.00		\$1,200.00	\$1,200.00
1.04	Removal of Existing Storm Sewer <36"	64 LF		\$30.00	\$1,920.00		\$20.00	\$1,280.00
1.05	Sewer, Class III RCP Storm, 15"	27 LF		\$100.00	\$2,700.00		\$90.00	\$2,430.00
1.06	Sewer, Class III RCP Storm, 30"	59 LF		\$175.00	\$10,325.00		\$150.00	\$8,850.00
1.07	Pipe Apron, 15" RCP, Apron Guard, Footing	1 EACH		\$1,200.00	\$1,200.00		\$900.00	\$900.00
1.08	Pipe Apron, 30" RCP, Apron Guard, Footing	2 EACH		\$2,000.00	\$4,000.00		\$2,500.00	\$5,000.00
1.09	Manhole, Type SW-402, 50" x 50" Minimum	1 EACH		\$7,500.00	\$7,500.00		\$9,000.00	\$9,000.00
1.10	Pavement Removal	43 SY		\$30.00	\$1,290.00		\$20.00	\$860.00
1.11	Pavement, Composite Patch	33 SY		\$110.00	\$3,630.00		\$90.00	\$2,970.00
1.12	Driveway, PCC 6"	44 SY		\$60.00	\$2,640.00		\$90.00	\$3,960.00
1.13	Granular Surface, Class A Crushed Stone	18 TON		\$40.00	\$720.00		\$30.00	\$540.00
1.14	Flow Transition Mat	64 SF		\$15.00	\$960.00		\$25.00	\$1,600.00
1.15	Earthwork	1 LS		\$7,000.00	\$7,000.00		\$15,000.00	\$15,000.00
1.16	Sodding	71 SQ		\$60.00	\$4,260.00		\$150.00	\$10,650.00
1.17	Erosion Control Measures	160 LF		\$3.00	\$480.00		\$4.00	\$640.00
1.18	Tree Protection Fence	1 LS		\$650.00	\$650.00		\$4,000.00	\$4,000.00
1.19	Tree Protection Fence	105 LF		\$3.00	\$315.00		\$4.00	\$420.00
1.20	Water Main Removal, 12" PVC	59 LF		\$15.00	\$885.00		\$15.00	\$885.00
1.21	Water Main, Trenched, Mechanical Restrained Joint, PVC C900, DR 18, 12"	71 LF		\$125.00	\$8,875.00		\$150.00	\$10,650.00
1.22	Water Main, 12" Bend	3 EA		\$600.00	\$1,800.00		\$750.00	\$2,250.00
1.23	Water Main, 12" Cap	1 EA		\$300.00	\$300.00		\$400.00	\$400.00
1.24	Water Main, 12" Solid Sleeve	1 EA		\$500.00	\$500.00		\$600.00	\$600.00
1.25	Water Main Service Stub, 1" Copper	1 EA		\$2,000.00	\$2,000.00		\$2,800.00	\$2,800.00
1.26	Subdrain, 6" PVC	5 LF		\$18.00	\$90.00		\$30.00	\$150.00
DIVISION 2: 7001 SW 16th Street								
2.01	Mobilization	1 LS		\$5,600.00	\$5,600.00		\$4,000.00	\$4,000.00
2.02	Traffic Control	1 LS		\$700.00	\$700.00		\$900.00	\$900.00
2.03	Project Sign Small - Standard	1 EACH		\$300.00	\$300.00		\$1,200.00	\$1,200.00
2.04	Removal of Existing Storm Sewer <36"	45 LF		\$30.00	\$1,350.00		\$2.00	\$90.00
2.05	Removal of Existing Riprap	1 LS		\$7,000.00	\$7,000.00		\$9,000.00	\$9,000.00
2.06	Removal of Existing Storm Structure	1 EACH		\$2,000.00	\$2,000.00		\$4,000.00	\$4,000.00
2.07	Sewer, Class III RCP Storm, 36"	302 LF		\$180.00	\$54,360.00		\$200.00	\$60,400.00
2.08	Intake, Type SW-513	2 EACH		\$3,500.00	\$7,000.00		\$4,000.00	\$8,000.00
2.09	Manhole, Type SW-402, 48" x 56" Minimum	1 EACH		\$7,500.00	\$7,500.00		\$8,000.00	\$8,000.00
2.10	Connection to Storm Structure/Sewer	3 EACH		\$800.00	\$2,400.00		\$1,900.00	\$5,400.00
2.11	Earthwork	1 LS		\$7,000.00	\$7,000.00		\$10,000.00	\$10,000.00
2.12	Granular Surface, Class A Crushed Stone	4 TON		\$40.00	\$160.00		\$30.00	\$120.00
2.13	Granular Surface, Recycled Asphalt Pavement, Unclassified	169 TON		\$50.00	\$8,450.00		\$40.00	\$6,760.00

ITEM	DESCRIPTION	QUANTITY	UNIT		UNIT	
			PRICE	AMOUNT	PRICE	AMOUNT
2.14	Sodding	60 SQ	\$60.00	\$3,600.00	\$150.00	\$9,000.00
2.15	Seeding, Fertilization & Mulching - Lawn Mix	220 SQ	\$35.00	\$7,700.00	\$30.00	\$6,600.00
2.16	Erosion Control Measures	300 LF	\$3.00	\$900.00	\$4.00	\$1,200.00
2.17	Tree Protection	1 LS	\$650.00	\$650.00	\$500.00	\$500.00
2.18	Tree Protection Fence	125 LF	\$3.00	\$375.00	\$4.00	\$500.00
DIVISION 3: SE 1st Street & Van Buren Street						
3.01	Mobilization	1 LS	\$3,600.00	\$3,600.00	\$4,000.00	\$4,000.00
3.02	Traffic Control	1 LS	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00
3.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$1,200.00	\$1,200.00
3.04	Removal and Plugging Existing Gatewell	1 EACH	\$3,000.00	\$3,000.00	\$5,000.00	\$5,000.00
3.05	Removal of Existing Storm Structure	2 EACH	\$2,000.00	\$4,000.00	\$3,000.00	\$6,000.00
3.06	Plug and Abandon Existing 15" Storm Sewer	15 CY	\$210.00	\$3,150.00	\$130.00	\$1,950.00
3.07	Sewer, Class III RCP Storm, 15"	109 LF	\$85.00	\$9,265.00	\$100.00	\$10,900.00
3.08	Sewer, Class III RCP Storm, 18"	103 LF	\$100.00	\$10,300.00	\$120.00	\$12,360.00
3.09	Manhole, Type SW-401	1 EACH	\$5,000.00	\$5,000.00	\$6,000.00	\$6,000.00
3.10	Intake, Type SW-507	1 EACH	\$4,000.00	\$4,000.00	\$5,000.00	\$5,000.00
3.11	Intake, Type SW-509, Top Only	1 EACH	\$1,500.00	\$1,500.00	\$2,200.00	\$2,200.00
3.12	Connection to Storm Structure/Sewer	2 EACH	\$800.00	\$1,600.00	\$1,500.00	\$3,000.00
3.13	Pavement Removal	13 SY	\$30.00	\$390.00	\$15.00	\$195.00
3.14	Pavement, Composite Patch	11 SY	\$110.00	\$1,210.00	\$80.00	\$880.00
3.15	Driveway, PCC, 6"	18 SY	\$60.00	\$1,080.00	\$80.00	\$1,440.00
3.16	Sidewalk Removal	977 SF	\$3.00	\$2,931.00	\$10.00	\$9,770.00
3.17	Sidewalk, PCC, 4"	910 SF	\$7.00	\$6,370.00	\$12.00	\$10,920.00
3.18	Granular Surface, Class A Crushed Stone	83 TON	\$40.00	\$3,320.00	\$30.00	\$2,490.00
3.19	Earthwork	1 LS	\$2,000.00	\$2,000.00	\$4,000.00	\$4,000.00
3.20	Seeding, Fertilization & Mulching - Lawn Mix	50 SQ	\$35.00	\$1,750.00	\$30.00	\$1,500.00
3.21	Erosion Control Measures	200 LF	\$3.00	\$600.00	\$4.00	\$800.00
3.22	Tree Protection	1 LS	\$650.00	\$650.00	\$500.00	\$500.00
3.23	Tree Protection Fence	60 LF	\$3.00	\$180.00	\$4.00	\$240.00
DIVISION 4: SW 2nd Street and Dunham Avenue						
4.01	Mobilization	1 LS	\$2,900.00	\$2,900.00	\$4,000.00	\$4,000.00
4.02	Traffic Control	1 LS	\$1,000.00	\$1,000.00	\$1,500.00	\$1,500.00
4.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$1,200.00	\$1,200.00
4.04	Clearing and Grubbing	1 LS	\$3,000.00	\$3,000.00	\$4,500.00	\$4,500.00
4.05	Sewer, Class III RCP Storm, 15"	185 LF	\$100.00	\$18,500.00	\$110.00	\$20,350.00
4.06	Pipe Apron, 15" RCP, Apron Guard, Footing	2 EACH	\$600.00	\$1,200.00	\$1,200.00	\$2,400.00
4.07	Manhole, Type SW-401	1 EACH	\$7,500.00	\$7,500.00	\$9,500.00	\$9,500.00
4.08	Pavement Removal	90 SY	\$30.00	\$2,700.00	\$20.00	\$1,800.00
4.09	Pavement, Composite Patch	90 SY	\$110.00	\$9,900.00	\$80.00	\$7,200.00
4.10	Earthwork	1 LS	\$5,000.00	\$5,000.00	\$2,000.00	\$2,000.00
4.11	Rip-Rap, Class D	9 TON	\$90.00	\$810.00	\$45.00	\$405.00
4.12	Sodding	40 SQ	\$60.00	\$2,400.00	\$150.00	\$6,000.00
4.13	Seeding, Fertilization & Mulching - Lawn Mix	110 SQ	\$35.00	\$3,850.00	\$30.00	\$3,300.00
4.14	Erosion Control Measures	100 LF	\$3.00	\$300.00	\$4.00	\$400.00
4.15	Tree Protection	1 LS	\$650.00	\$650.00	\$800.00	\$800.00
4.16	Tree Protection Fence	263 LF	\$3.00	\$789.00	\$4.00	\$1,052.00
DIVISION 5: E 31st Street and Thompson Avenue						
5.01	Mobilization	1 LS	\$2,400.00	\$2,400.00	\$4,000.00	\$4,000.00
5.02	Traffic Control	1 LS	\$500.00	\$500.00	\$1,200.00	\$1,200.00
5.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$1,200.00	\$1,200.00
5.04	Clearing and Grubbing	1 LS	\$3,000.00	\$3,000.00	\$4,500.00	\$4,500.00

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
5.05	Removal of Existing Storm Sewer <36"	10 LF	\$30.00	\$300.00	\$200.00	\$2,000.00
5.06	Removal of Existing Storm Structure	1 EACH	\$2,500.00	\$2,500.00	\$2,500.00	\$2,500.00
5.07	Sewer, Class III RCP Storm, 18"	75 LF	\$100.00	\$7,500.00	\$120.00	\$9,000.00
5.08	Connection to Storm Structure/Sewer	3 EACH	\$800.00	\$2,400.00	\$1,500.00	\$4,500.00
5.09	Intake, Type SW-541	1 EACH	\$3,500.00	\$3,500.00	\$4,200.00	\$4,200.00
5.10	Intake, Type SW-507	1 EACH	\$3,500.00	\$3,500.00	\$4,200.00	\$4,200.00
5.11	Intake, Type SW-503	1 EACH	\$3,500.00	\$3,500.00	\$4,300.00	\$4,300.00
5.12	Sidewalk Removal	66 SF	\$3.00	\$198.00	\$5.00	\$330.00
5.13	Pavement Removal	72 SY	\$30.00	\$2,160.00	\$20.00	\$1,440.00
5.14	Pavement, Composite Patch	72 SY	\$110.00	\$7,920.00	\$80.00	\$5,760.00
5.15	Sidewalk, PCC, 6"	66 SF	\$8.00	\$528.00	\$15.00	\$990.00
5.16	Detectable Warnings, Truncated Domes	6 SF	\$40.00	\$240.00	\$50.00	\$300.00
5.17	Earthwork	1 LS	\$7,000.00	\$7,000.00	\$10,000.00	\$10,000.00
5.18	Sodding	20 SQ	\$60.00	\$1,200.00	\$150.00	\$3,000.00
5.19	Erosion Control Measures	170 LF	\$3.00	\$510.00	\$4.00	\$680.00
5.20	Tree Protection	1 LS	\$650.00	\$650.00	\$1,500.00	\$1,500.00
5.21	Tree Protection Fence	50 LF	\$3.00	\$150.00	\$4.00	\$200.00
DIVISION 6: Indiana Avenue and South Union Street						
6.01	Mobilization	1 LS	\$3,162.00	\$3,162.00	\$4,000.00	\$4,000.00
6.02	Traffic Control	1 LS	\$1,000.00	\$1,000.00	\$2,000.00	\$2,000.00
6.03	Project Sign Small - Standard	1 EACH	\$300.00	\$300.00	\$1,200.00	\$1,200.00
6.04	Clearing and Grubbing	1 LS	\$5,000.00	\$5,000.00	\$6,500.00	\$6,500.00
6.05	Sewer, Class III RCP Storm, 15"	49 LF	\$100.00	\$4,900.00	\$120.00	\$5,880.00
6.06	Manhole, Type SW-402	1 EACH	\$5,000.00	\$5,000.00	\$5,500.00	\$5,500.00
6.07	Intake, Type SW-541	2 EACH	\$3,500.00	\$7,000.00	\$3,800.00	\$7,600.00
6.08	Intake, Type SW-512	1 EACH	\$2,500.00	\$2,500.00	\$3,000.00	\$3,000.00
6.09	Connection to Storm Structure/Sewer	2 EACH	\$1,200.00	\$2,400.00	\$1,500.00	\$3,000.00
6.10	Subdrain, Corrugated PVC, 8"	414 LF	\$18.00	\$7,452.00	\$20.00	\$8,280.00
6.11	Subdrain, Cleanout, 8"	3 EACH	\$400.00	\$1,200.00	\$500.00	\$1,500.00
6.12	Pavement Removal	61 SY	\$30.00	\$1,830.00	\$15.00	\$915.00
6.13	Pavement, Composite Patch	31 SY	\$110.00	\$3,410.00	\$80.00	\$2,480.00
6.14	Pavement, PCC, Class C Mix, 7"	30 SY	\$70.00	\$2,100.00	\$80.00	\$2,400.00
6.15	Sidewalk Removal	192 SF	\$3.00	\$576.00	\$10.00	\$1,920.00
6.16	Sidewalk, PCC, 4"	96 SF	\$8.00	\$768.00	\$15.00	\$1,440.00
6.17	Earthwork	1 LS	\$1,500.00	\$1,500.00	\$3,000.00	\$3,000.00
6.18	TRM, Type 3	10 SQ	\$175.00	\$1,750.00	\$200.00	\$2,000.00
6.19	Sodding	66 SQ	\$60.00	\$3,960.00	\$150.00	\$9,900.00
6.20	Erosion Control Measures	190 LF	\$4.00	\$760.00	\$4.00	\$760.00
6.21	Tree Protection	1 LS	\$650.00	\$650.00	\$1,000.00	\$1,000.00
6.22	Tree Protection Fence	437 LF	\$3.00	\$1,311.00	\$4.00	\$1,748.00
TOTAL CONSTRUCTION COST				\$421,000.00		\$537,280.00
PERCENT OF ENGINEER'S ESTIMATE						+27.62%