



DATE April 23, 2012

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT
DOCUMENTS, AND ENGINEER'S ESTIMATE ON
2012 SEWER REPAIR - CONTRACT 1;
RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE
BIDDER AS J & K CONTRACTING, LLC, JEREMY FELDMANN, PRESIDENT, \$989,947.56

WHEREAS, on March 26, 2012, under Roll Call No. 12-0438, 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 1, 08-2012-001

Disaster Number: FEMA-1930

The improvement includes repair of storm and sanitary sewers, restoration of slope failures, protection of sanitary sewers, installation of manholes, installation of sheet pile and rip rap, installation of gabion baskets, grading, restoration of pavement and landscaping, and other incidental items; all work in accordance with the contract documents including Plan File Nos. 543-076/111 at the following locations: 3500 E. Watrous Avenue, 5205 E. 38th Street, 3608 Brook Ridge Court, 5706 S.W. 4th Street, S.E. 5th Street and E. Marion Street, 1525 Kenyon Avenue, 3790 Kinsey Avenue, 3000 Block of Park Avenue, 1646 E. Park Avenue, and 2683 E. Pine Avenue, 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:



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Pohlmeier Construction, Inc.	Bondurant, IA
J & K Contracting, LLC	Ames, IA
Reilly Construction Co., Inc.	Ossian, IA
Raccoon Valley Contractors, LLC.	Waukee, IA
McAninch Corporation	Des Moines, IA
H & W Contracting LLC	Sioux Falls, SD
Corell Contractor, Inc.	West Des Moines, IA
The Underground Company, Ltd.	Carlisle, IA Bid not read

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 April 10, 2012. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

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 J & K Contracting, LLC, Jeremy Feldmann, President, 1307 East Lincoln Way, PO Box 1790, Ames, IA, 50010-1790 in the amount of \$989,947.56, 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.



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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 12-182 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool
Deputy City Attorney

Scott E. Sanders
Des Moines Finance Director

Funding Source: 2012-2013 CIP, Page Storm - 4, City-wide Storm Water Utility Projects, STE057, Being: \$48,025 in FEMA funding; \$518,020.98 in Storm Water Utility Revenue Bonds to be issued; \$407,299.68 in Sanitary Sewer Bonds to be issued from SAE054, City-wide Sanitary Sewers; and the remaining \$16,601.90 from Des Moines Water Works

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

MOTION CARRIED

APPROVED

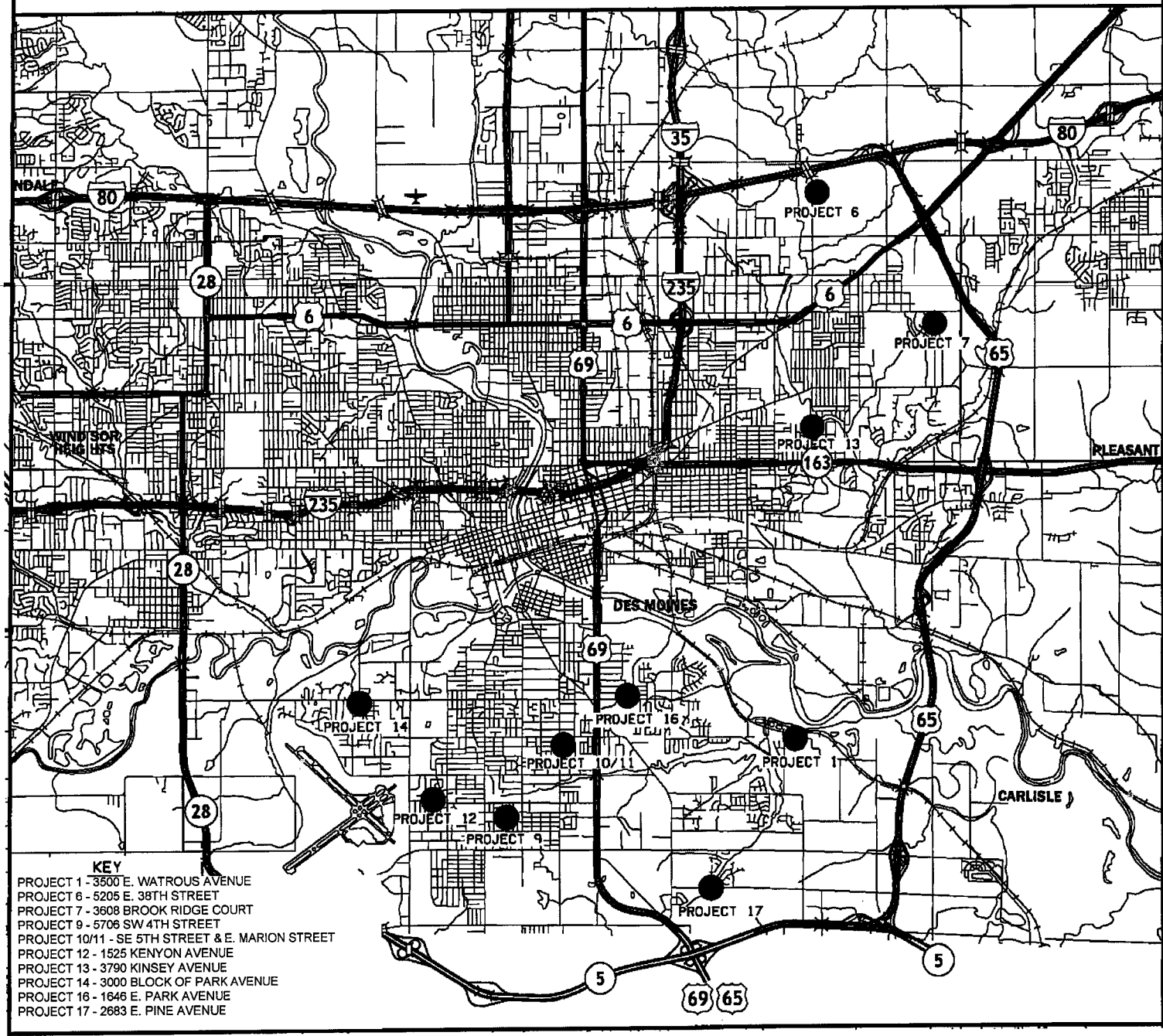
Mayor

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

PROJECT VICINITY MAP
(Not to Scale)



2012 SEWER REPAIR - CONTRACT 1
ACTIVITY ID 08-2012-001

TABULATED BY: Z. Erickson
CHECKED BY: SPH

APPROVED BY: R. DeGroot

CONTRACTOR'S BID TABULATION
PROJECT: 2012 SEWER REPAIR - CONTRACT 1

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT		J&K Contracting, LLC Ames, IA		Reilly Construction Company, Inc. Ossian, IA		Raccoon Valley Contractors, LLC Waukee, IA	
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT
1.01	MOBILIZATION	1 LS	\$9,000.00	\$9,000.00	\$15,177.40	\$15,177.40	\$5,000.00	\$5,000.00	\$10,000.00	\$10,000.00
1.02	CLEARING & GRUBBING	0.52 AC	\$25,000.00	\$13,000.00	\$10,402.30	\$5,409.20	\$20,000.00	\$10,400.00	\$26,500.00	\$13,780.00
1.03	TOPSOIL, OFFSITE (FURNISH & PLACE)	725 CY	\$15.00	\$10,875.00	\$38.10	\$27,622.50	\$12.00	\$8,700.00	\$5.00	\$3,625.00
1.04	EXCAVATION, CLASS 10, ROADWAY & BORROW (FURNISH & PLACE)	2005 CY	\$9.00	\$18,045.00	\$13.00	\$26,065.00	\$10.00	\$20,050.00	\$4.00	\$8,020.00
1.05	SITE REMOVALS, AS PER PLAN	1 LS	\$5,000.00	\$5,000.00	\$3,406.80	\$3,406.80	\$2,000.00	\$2,000.00	\$1,000.00	\$1,000.00
1.06	REMOVAL OF PAVEMENT	370 SY	\$9.00	\$3,330.00	\$7.90	\$2,923.00	\$7.00	\$2,590.00	\$10.00	\$3,700.00
1.07	SPECIAL BACKFILL	70 CY	\$35.00	\$2,450.00	\$52.50	\$3,675.00	\$60.00	\$4,200.00	\$40.00	\$2,800.00
1.08	SHLD CONSTRUCTION, EARTH	300 LF	\$12.00	\$3,600.00	\$6.20	\$1,860.00	\$6.00	\$1,800.00	\$10.00	\$3,000.00
1.09	TRENCH FOUNDATION	16 TON	\$30.00	\$480.00	\$32.20	\$515.20	\$37.00	\$592.00	\$33.00	\$528.00
1.10	STORM SEWER, TRENCHED, RCP, CLASS III, 15 IN.	47 LF	\$75.00	\$3,525.00	\$73.70	\$3,463.90	\$70.00	\$3,285.00	\$200.00	\$9,400.00
1.11	STORM SEWER, TRENCHED, RCP, CLASS III, 48 IN.	40 LF	\$200.00	\$8,000.00	\$181.40	\$7,256.00	\$190.00	\$7,600.00	\$500.00	\$20,000.00
1.12	STORM SEWER, TRENCHED, RCP, CLASS III, 54 IN.	28 LF	\$250.00	\$7,000.00	\$212.70	\$5,955.60	\$245.00	\$6,860.00	\$650.00	\$18,200.00
1.13	REMOVAL OF STORM SEWER GREATER THAN 36 IN.	26 LF	\$50.00	\$1,300.00	\$29.80	\$774.80	\$16.00	\$416.00	\$20.00	\$520.00
1.14	PIPE APRON, CONCRETE, 15 IN.	1 EA	\$1,100.00	\$1,100.00	\$1,832.70	\$1,832.70	\$1,200.00	\$1,200.00	\$1,500.00	\$1,500.00
1.15	PIPE APRON, CONCRETE, 48 IN.	1 EA	\$2,500.00	\$2,500.00	\$4,147.30	\$4,147.30	\$4,300.00	\$4,300.00	\$3,800.00	\$3,800.00
1.16	PIPE APRON, CONCRETE, 54 IN.	1 EA	\$3,000.00	\$3,000.00	\$4,870.50	\$4,870.50	\$4,100.00	\$4,100.00	\$4,300.00	\$4,300.00
1.17	PREPARATION EXCAVATION FOR TAPPING SLEEVE AND VALVE	1 LS	\$2,500.00	\$2,500.00	\$2,516.30	\$2,516.30	\$1,500.00	\$1,500.00	\$2,500.00	\$2,500.00
1.18	WATER MAIN, TRENCHED, RESTRAINED JOINT, PVC C900, DR18, 8 IN.	100 LF	\$65.00	\$6,500.00	\$99.90	\$9,990.00	\$60.00	\$6,000.00	\$150.00	\$15,000.00
1.19	WATER MAIN, 8 IN., BEND	3 EA	\$500.00	\$1,500.00	\$574.80	\$1,724.40	\$500.00	\$1,500.00	\$300.00	\$900.00
1.20	WATER MAIN, 8 IN., CAP	1 EA	\$250.00	\$250.00	\$428.60	\$428.60	\$300.00	\$300.00	\$200.00	\$200.00
1.21	WATER MAIN, 8-IN., SOLID SLEEVE	1 EA	\$300.00	\$300.00	\$387.40	\$387.40	\$425.00	\$425.00	\$300.00	\$300.00
1.22	REMOVAL OF WATER MAIN, 8 IN., PVC	72 LF	\$15.00	\$1,080.00	\$21.60	\$1,555.20	\$10.00	\$720.00	\$20.00	\$1,440.00
1.23	MANHOLE, STORM SEWER, SW-401, 96 IN.	1 EA	\$10,000.00	\$10,000.00	\$10,391.30	\$10,391.30	\$10,500.00	\$10,500.00	\$6,000.00	\$6,000.00
1.24	HMA PAVEMENT, 6 IN., 1M ESAL, PG 64-22	370 SY	\$45.00	\$16,650.00	\$47.50	\$17,575.00	\$50.00	\$18,500.00	\$45.00	\$16,650.00
1.25	PAVED SHOULDER, HMA 6 IN.	131 SY	\$60.00	\$7,860.00	\$64.84.50	\$8,484.50	\$60.00	\$7,860.00	\$60.00	\$7,860.00
1.26	DRIVEWAY, GRANULAR	17 TON	\$35.00	\$595.00	\$30.90	\$525.30	\$30.00	\$510.00	\$35.00	\$595.00
1.27	TRAFFIC CONTROL	1 LS	\$7,500.00	\$7,500.00	\$2,979.50	\$2,979.50	\$5,000.00	\$5,000.00	\$3,700.00	\$3,700.00
1.28	CONVENTIONAL SEEDING, TYPE 2 (PERMANENT COOL-SEASON MIXTL	0.56 AC	\$5,400.00	\$3,024.00	\$2,979.50	\$1,668.52	\$3,500.00	\$1,960.00	\$3,920.00	\$2,195.20
1.29	CONVENTIONAL SEEDING, TYPE 5 (RURAL TEMPORARY EROSION CON	0.6 AC	\$3,400.00	\$2,040.00	\$505.00	\$303.00	\$1,000.00	\$600.00	\$1,600.00	\$960.00
1.30	HYDRAULIC SEEDING; FERTILIZING & MULCHING; TYPE 1 (PERMANENT	1310 SF	\$0.50	\$655.00	\$0.30	\$393.00	\$0.60	\$786.00	\$0.40	\$524.00
1.31	TEMPORARY ROLLED EROSION CONTROL PRODUCTS (RECP)	1462 SY	\$2.00	\$2,924.00	\$1.50	\$2,193.00	\$2.00	\$2,924.00	\$1.62	\$2,368.44
1.32	EROSION CONTROL MULCHING, CONVENTIONAL MULCHING	0.6 AC	\$800.00	\$480.00	\$707.00	\$424.20	\$800.00	\$480.00	\$700.00	\$420.00
1.33	CHECK DAM, ROCK, INSTALLATION	3 EA	\$1,000.00	\$3,000.00	\$4,394.20	\$13,182.60	\$725.00	\$2,175.00	\$100.00	\$300.00
1.34	CHECK DAM, ROCK, CLEAN-OUT	3 EA	\$500.00	\$1,500.00	\$460.20	\$1,380.60	\$150.00	\$450.00	\$50.00	\$150.00
1.35	CHECK DAM, ROCK, REMOVAL	3 EA	\$800.00	\$2,400.00	\$1,481.60	\$4,444.80	\$300.00	\$900.00	\$90.00	\$270.00
1.36	SILT FENCE, INSTALLATION	750 LF	\$3.00	\$2,250.00	\$1.60	\$1,200.00	\$2.00	\$1,500.00	\$0.25	\$168.75
1.37	SILT FENCE, REMOVAL OF SEDIMENT	750 LF	\$1.00	\$750.00	\$0.10	\$75.00	\$1.50	\$1,125.00	\$0.40	\$300.00
1.38	SILT FENCE, REMOVAL OF DEVICE	750 LF	\$2.00	\$1,500.00	\$0.10	\$75.00	\$1.50	\$1,125.00	\$0.40	\$300.00
1.39	REVTMENT FOR OUTLET PROTECTION, CLASS E, W/ FABRIC	140 TON	\$45.00	\$6,300.00	\$45.20	\$6,328.00	\$55.00	\$7,700.00	\$45.00	\$6,300.00
1.40	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	5.1 STA	\$80.00	\$408.00	\$101.00	\$515.10	\$100.00	\$510.00	\$100.00	\$510.00
1.41	TREE PROTECTION PLAN	1 LS	\$1,500.00	\$1,500.00	\$1,515.00	\$1,515.00	\$1,600.00	\$1,600.00	\$500.00	\$500.00

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ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1.42	TREE PROTECTION FENCE	500 LF	\$3.00	\$1,500.00	\$1.60	\$800.00	\$2.00	\$1,000.00	\$2.00	\$1,000.00
1.43	PROJECT SIGN SMALL-STANDARD	1 EA	\$500.00	\$500.00	\$145.80	\$145.80	\$125.00	\$125.00	\$300.00	\$300.00
2.01	MOBILIZATION	1 LS	\$58,511.00	\$58,511.00	\$65,878.40	\$65,878.40	\$25,000.00	\$25,000.00	\$50,000.00	\$50,000.00
2.02	CLEARING & GRUBBING	2.33 AC	\$25,000.00	\$58,250.00	\$6,184.80	\$14,410.58	\$20,000.00	\$46,600.00	\$68,000.00	\$158,440.00
2.03	TOPSOIL, OFFSITE (FURNISH & PLACE)	2077 CY	\$15.00	\$31,155.00	\$38.10	\$79,133.70	\$12.00	\$24,924.00	\$19.00	\$39,463.00
2.04	EXCAVATION, CLASS 10, ROADWAY & BORROW (FURNISH & PLACE)	1765 CY	\$9.00	\$15,885.00	\$13.10	\$23,121.50	\$10.00	\$17,650.00	\$9.00	\$15,885.00
2.05	SITE REMOVALS, AS PER PLAN	1 LS	\$20,000.00	\$20,000.00	\$9,779.50	\$9,779.50	\$15,000.00	\$15,000.00	\$10,000.00	\$10,000.00
2.06	REMOVAL OF PAVEMENT	104 SY	\$9.00	\$936.00	\$13.90	\$1,445.60	\$14.00	\$1,456.00	\$12.00	\$1,248.00
2.07	REMOVAL OF PAVED DRIVEWAY/SIDEWALK	404 SY	\$8.00	\$3,232.00	\$8.60	\$3,474.40	\$7.00	\$2,828.00	\$12.00	\$4,848.00
2.08	SPECIAL BACKFILL	79 CY	\$35.00	\$2,765.00	\$3,973.70	\$3,973.70	\$60.00	\$4,740.00	\$32.00	\$2,528.00
2.09	SANITARY SEWER GRAVITY MAIN, TRENCHED, 10 IN.	104 LF	\$160.00	\$16,640.00	\$6,084.00	\$6,084.00	\$125.00	\$13,000.00	\$150.00	\$15,600.00
2.10	REMOVAL OF SANITARY SEWER EQUAL TO OR LESS THAN 36 IN.	104 LF	\$25.00	\$2,600.00	\$1,653.60	\$1,653.60	\$10.00	\$1,040.00	\$20.00	\$2,080.00
2.11	STORM SEWER, TRENCHED, RCP, CLASS III, 15 IN.	16 LF	\$100.00	\$1,600.00	\$1,763.20	\$1,763.20	\$90.00	\$1,440.00	\$120.00	\$1,920.00
2.12	STORM SEWER, TRENCHED, RCP, CLASS III, 18 IN.	12 LF	\$125.00	\$1,500.00	\$1,593.60	\$1,593.60	\$110.00	\$1,320.00	\$130.00	\$1,560.00
2.13	STORM SEWER, TRENCHED, RCP, CLASS III, 24 IN.	13 LF	\$150.00	\$1,950.00	\$1,934.40	\$1,934.40	\$120.00	\$1,560.00	\$140.00	\$1,820.00
2.14	STORM SEWER, TRENCHED, RCP, CLASS III, 36 IN.	16 LF	\$185.00	\$2,960.00	\$2,830.40	\$2,830.40	\$165.00	\$2,640.00	\$190.00	\$3,040.00
2.15	STORM SEWER, TRENCHED, RCP, CLASS III, 42 IN.	73 LF	\$200.00	\$14,600.00	\$173.20	\$12,643.60	\$160.00	\$11,680.00	\$200.00	\$14,600.00
2.16	REMOVE & REINSTALL STORM SEWER LESS THAN OR EQUAL TO 36 IN	16 LF	\$75.00	\$1,200.00	\$144.10	\$2,305.60	\$100.00	\$1,600.00	\$30.00	\$480.00
2.17	REMOVAL OF STORM SEWER LESS THAN OR EQUAL TO 36 IN.	286 LF	\$25.00	\$7,150.00	\$19.10	\$5,462.60	\$20.00	\$5,720.00	\$30.00	\$8,580.00
2.18	PIPE APRON, CONCRETE, 18 IN.	1 EA	\$1,800.00	\$1,800.00	\$2,293.30	\$2,293.30	\$1,500.00	\$1,500.00	\$1,800.00	\$1,800.00
2.19	PIPE APRON, CONCRETE, 24 IN.	2 EA	\$2,000.00	\$4,000.00	\$5,806.40	\$5,806.40	\$1,800.00	\$3,600.00	\$2,200.00	\$4,400.00
2.20	PIPE APRON, CONCRETE, 42 IN.	2 EA	\$3,500.00	\$7,000.00	\$7,124.80	\$7,124.80	\$3,300.00	\$6,600.00	\$4,000.00	\$8,000.00
2.21	SUBDRAIN, PVC, 6 IN.	1195 LF	\$25.00	\$29,875.00	\$23.70	\$28,321.50	\$18.00	\$21,510.00	\$30.00	\$35,850.00
2.22	SUBDRAIN CLEANOUT, TYPE A-1	6 EA	\$500.00	\$3,000.00	\$424.40	\$2,546.40	\$450.00	\$2,700.00	\$100.00	\$600.00
2.23	SUBDRAIN OUTLET	5 EA	\$500.00	\$2,500.00	\$2,292.00	\$2,292.00	\$450.00	\$2,250.00	\$100.00	\$500.00
2.24	SANITARY SEWER STREAM CROSSING ENCASEMENT	1 LS	\$53,000.00	\$53,000.00	\$17,953.80	\$17,953.80	\$55,000.00	\$55,000.00	\$30,000.00	\$30,000.00
2.25	SEWAGE BYPASSING	1 LS	\$2,500.00	\$2,500.00	\$24,429.00	\$24,429.00	\$2,200.00	\$2,200.00	\$1,000.00	\$1,000.00
2.26	MANHOLE, SANITARY SEWER, SW-301, 48 IN.	1 EA	\$5,000.00	\$5,000.00	\$3,078.30	\$3,078.30	\$2,900.00	\$2,900.00	\$4,000.00	\$4,000.00
2.27	INTAKE, CIRCULAR SINGLE GRATE, SW-502, MOD. 72"	1 EA	\$5,000.00	\$5,000.00	\$6,690.70	\$6,690.70	\$8,000.00	\$8,000.00	\$10,000.00	\$10,000.00
2.28	MANHOLE, STORM SEWER, SW-401, 48 IN.	2 EA	\$3,500.00	\$7,000.00	\$7,952.60	\$7,952.60	\$4,500.00	\$9,000.00	\$4,000.00	\$8,000.00
2.29	MANHOLE, STORM SEWER, SW-401, 72 IN.	1 EA	\$6,500.00	\$6,500.00	\$6,450.90	\$6,450.90	\$7,000.00	\$7,000.00	\$10,000.00	\$10,000.00
2.30	MANHOLE, STORM SEWER, SW-404, 103 IN x 103 IN, CUSTOM	1 EA	\$20,000.00	\$20,000.00	\$16,654.60	\$16,654.60	\$21,000.00	\$21,000.00	\$31,773.16	\$31,773.16
2.31	REMOVE MANHOLE	4 EA	\$500.00	\$2,000.00	\$413.20	\$1,652.80	\$450.00	\$1,800.00	\$500.00	\$2,000.00
2.32	PAVEMENT, PCC/HMA COMPOSITE PATCH, MIN. 8 IN. DEPTH	100 SY	\$48.00	\$4,800.00	\$107.00	\$10,700.00	\$90.00	\$9,000.00	\$120.00	\$12,000.00
2.33	PCC CURB & GUTTER, 6 IN SLOPED	525 LF	\$28.00	\$14,700.00	\$17.70	\$9,292.50	\$35.00	\$18,375.00	\$30.00	\$15,750.00
2.34	CONCRETE FLUME W/ 6 IN SLOPED CURB	2 EA	\$1,000.00	\$2,000.00	\$2,020.00	\$4,040.00	\$1,200.00	\$2,400.00	\$1,000.00	\$1,000.00
2.35	DRIVEWAY, PAVED, PCC, 6 IN.	400 SY	\$40.00	\$16,000.00	\$46.20	\$18,480.00	\$45.00	\$18,000.00	\$45.00	\$18,000.00
2.36	SIDEWALK, PCC, 4 IN.	50 SY	\$32.00	\$1,600.00	\$39.10	\$1,955.00	\$32.00	\$1,600.00	\$40.00	\$2,000.00
2.37	DRIVEWAY, GRANULAR	15 TON	\$35.00	\$525.00	\$32.70	\$490.50	\$25.00	\$375.00	\$30.00	\$450.00
2.38	TRAFFIC CONTROL	307 SQ	\$20,000.00	\$6,140.00	\$9,748.70	\$9,748.70	\$4,000.00	\$4,000.00	\$10,000.00	\$10,000.00
2.39	SODDING	0.75 AC	\$45.00	\$33,750.00	\$11,512.50	\$11,512.50	\$60.00	\$45,000.00	\$60.00	\$45,000.00
2.40	CONVENTIONAL SEEDING, TYPE 2 (PERMANENT COOL-SEASON MIXTL	1.74 AC	\$7,000.00	\$12,180.00	\$878.70	\$878.70	\$1,000.00	\$1,740.00	\$500.00	\$870.00
2.41	CONVENTIONAL SEEDING, TYPE 5 (RURAL TEMP EROSION CONTROL I	0.26 AC	\$22,000.00	\$5,720.00	\$3,962.30	\$3,962.30	\$2.00	\$0.52	\$3,920.00	\$3,920.00
2.42	HYDRAULIC SEEDING, FERTILIZING & MULCHING, TYPE 1 (PERMANENT	1900 SY	\$2.00	\$3,800.00	\$1.50	\$2,850.00	\$2.00	\$3,800.00	\$1.44	\$2,736.00
2.43	TEMPORARY ROLLED EROSION CONTROL PRODUCTS (RECF)	300 SQ	\$50.00	\$15,000.00	\$47.50	\$14,250.00	\$55.00	\$16,500.00	\$47.00	\$14,100.00
2.44	TURF REINFORCEMENT MATS (TRM)	1.74 AC	\$1,000.00	\$1,740.00	\$707.00	\$1,230.18	\$800.00	\$1,392.00	\$700.00	\$1,218.00
2.45	EROSION CONTROL MULCHING, CONVENTIONAL MULCHING	4 EA	\$1,000.00	\$4,000.00	\$4,394.20	\$17,576.80	\$750.00	\$3,000.00	\$500.00	\$2,000.00
2.46	CHECK DAM, ROCK, INSTALLATION	4 EA	\$500.00	\$2,000.00	\$460.20	\$1,840.80	\$150.00	\$600.00	\$400.00	\$1,600.00
2.47	CHECK DAM, ROCK, CLEAN-OUT	4 EA	\$800.00	\$3,200.00	\$1,431.10	\$5,724.40	\$300.00	\$1,200.00	\$200.00	\$800.00
2.48	CHECK DAM, ROCK, REMOVAL	1695 LF	\$3.00	\$5,085.00	\$1.60	\$2,712.00	\$2.00	\$3,390.00	\$1.60	\$2,712.00

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ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
2.50	SILT FENCE, REMOVAL OF SEDIMENT	1695 LF	\$1.00	\$1,695.00	\$0.10	\$169.50	\$0.10	\$169.50
2.51	SILT FENCE, REMOVAL OF DEVICE	1695 LF	\$2.00	\$3,390.00	\$0.10	\$169.50	\$0.10	\$169.50
2.52	STABILIZED CONSTRUCTION ENTRANCE	100 TON	\$40.00	\$4,000.00	\$41.60	\$4,160.00	\$35.00	\$3,500.00
2.53	GABION BASKETS	144 CY	\$500.00	\$72,000.00	\$209.40	\$30,153.60	\$520.00	\$74,880.00
2.54	REVTMENT FOR BANK STABILIZATION, CLASS B, W/ FABRIC	255 TON	\$60.00	\$15,300.00	\$48.20	\$12,291.00	\$55.00	\$14,025.00
2.55	REVTMENT FOR BANK STABILIZATION, CLASS E, W/ FABRIC	1728 TON	\$50.00	\$86,400.00	\$48.20	\$83,289.60	\$50.00	\$86,400.00
2.56	REVTMENT FOR OUTLET PROTECTION, CLASS E, W/ FABRIC	245 TON	\$50.00	\$12,250.00	\$49.00	\$12,005.00	\$50.00	\$12,250.00
2.57	REVTMENT FOR OUTLET PROTECTION, FIELD STONE, W/ FABRIC	152 TON	\$70.00	\$10,640.00	\$48.90	\$7,432.80	\$125.00	\$19,000.00
2.58	REMOVE & REINSTALL WOOD FENCE	140 LF	\$50.00	\$7,000.00	\$20.20	\$2,828.00	\$27.00	\$3,780.00
2.59	REMOVE & REINSTALL FIELD FENCE	110 LF	\$15.00	\$1,650.00	\$12.60	\$1,386.00	\$18.00	\$1,980.00
2.60	REMOVE & REINSTALL CHAIN LINK FENCE	285 LF	\$20.00	\$5,700.00	\$10.60	\$3,021.00	\$30.00	\$8,550.00
2.61	CONSTRUCTION ACCESS & STAGING	1 LS	\$10,000.00	\$10,000.00	\$11,306.60	\$11,306.60	\$11,000.00	\$10,000.00
2.62	TEMPORARY GRANULAR SURFACING	156 TON	\$35.00	\$5,460.00	\$4,851.60	\$4,851.60	\$35.00	\$5,460.00
2.63	TREE PROTECTION PLAN	1 LS	\$15,000.00	\$15,000.00	\$1,515.00	\$1,515.00	\$2,000.00	\$2,000.00
2.64	TREE PROTECTION FENCE	1800 LF	\$3.00	\$5,400.00	\$1.60	\$2,880.00	\$2.00	\$3,600.00
2.65	PROJECT SIGN SMALL-STANDARD	10 EA	\$500.00	\$5,000.00	\$145.80	\$1,458.00	\$125.00	\$1,250.00
2.66	STEEL SHEET PILE - INSTALLATION	3300 SF	\$25.00	\$82,500.00	\$6.90	\$22,770.00	\$10.00	\$33,000.00
2.67	STEEL SHEET PILE - FURNISH & INSTALLATION	3673 SF	\$40.00	\$146,920.00	\$25.80	\$94,763.40	\$32.00	\$117,536.00
2.68	DEEP RECONSTRUCTION REPAIR	5 SF	\$150.00	\$750.00	\$431.20	\$2,156.00	\$200.00	\$1,000.00
TOTAL CONSTRUCTION COST				\$1,200,000.00		\$989,947.56		\$996,313.00
PERCENT OF ENGINEER'S ESTIMATE						-17.50%		-16.97%
						Low		
								\$1,099,600.00
								-8.37%

TABULATED BY: Z. Erickson
CHECKED BY: *S.M. Tol* APPROVED BY: _____

CONTRACTOR'S BID TABULATION
PROJECT: 2012 SEWER REPAIR - CONTRACT 1

-----ESTIMATE-----

ITEM	DESCRIPTION	QUANTITY	UNIT		AMOUNT		UNIT		AMOUNT		UNIT	PRICE	AMOUNT
			PRICE	AMOUNT	PRICE	AMOUNT	PRICE	AMOUNT					
1.01	MOBILIZATION	1 LS	\$9,000.00	\$9,000.00	\$2,856.00	\$2,856.00	\$30,000.00	\$30,000.00	\$12,799.30	\$12,799.30			
1.02	CLEARING & GRUBBING	0.52 AC	\$25,000.00	\$13,000.00	\$12,558.00	\$12,558.00	\$25,000.00	\$13,000.00	\$23,000.00	\$11,960.00			
1.03	TOPSOIL, OFFSITE (FURNISH & PLACE)	725 CY	\$15.00	\$10,875.00	\$8,185.25	\$8,185.25	\$11.50	\$8,337.50	\$19.00	\$13,775.00			
1.04	EXCAVATION, CLASS 10, ROADWAY & BORROW (FURNISH & PLACE)	2005 CY	\$9.00	\$18,045.00	\$30,395.80	\$30,395.80	\$10.00	\$20,050.00	\$16.00	\$32,080.00			
1.05	SITE REMOVALS, AS PER PLAN	1 LS	\$5,000.00	\$5,000.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$4,950.00	\$4,950.00			
1.06	REMOVAL OF PAVEMENT	370 SY	\$9.00	\$3,330.00	\$2,960.00	\$2,960.00	\$11.00	\$4,070.00	\$9.00	\$3,330.00			
1.07	SPECIAL BACKFILL	70 CY	\$35.00	\$2,450.00	\$2,100.00	\$2,100.00	\$35.00	\$2,450.00	\$44.00	\$3,080.00			
1.08	SHLD CONSTRUCTION, EARTH	300 LF	\$12.00	\$3,600.00	\$519.00	\$519.00	\$7.00	\$2,100.00	\$13.00	\$3,900.00			
1.09	TRENCH FOUNDATION	16 TON	\$30.00	\$480.00	\$640.00	\$640.00	\$34.00	\$544.00	\$22.00	\$352.00			
1.10	STORM SEWER, TRENCHED, RCP, CLASS III, 15 IN.	47 LF	\$75.00	\$3,525.00	\$3,885.02	\$3,885.02	\$135.00	\$6,345.00	\$62.00	\$2,914.00			
1.11	STORM SEWER, TRENCHED, RCP, CLASS III, 48 IN.	40 LF	\$200.00	\$8,000.00	\$7,110.00	\$7,110.00	\$275.00	\$11,000.00	\$192.00	\$7,680.00			
1.12	STORM SEWER, TRENCHED, RCP, CLASS III, 54 IN.	28 LF	\$250.00	\$7,000.00	\$3,466.40	\$3,466.40	\$355.00	\$9,940.00	\$256.00	\$7,168.00			
1.13	REMOVAL OF STORM SEWER GREATER THAN 36 IN.	26 LF	\$50.00	\$1,300.00	\$1,487.20	\$1,487.20	\$16.00	\$416.00	\$32.00	\$832.00			
1.14	PIPE APRON, CONCRETE, 15 IN.	1 EA	\$1,100.00	\$1,100.00	\$1,373.00	\$1,373.00	\$2,100.00	\$2,100.00	\$1,600.00	\$1,600.00			
1.15	PIPE APRON, CONCRETE, 48 IN.	1 EA	\$2,500.00	\$2,500.00	\$3,237.00	\$3,237.00	\$6,000.00	\$6,000.00	\$4,600.00	\$4,600.00			
1.16	PIPE APRON, CONCRETE, 54 IN.	1 EA	\$3,000.00	\$3,000.00	\$3,466.00	\$3,466.00	\$6,250.00	\$6,250.00	\$5,000.00	\$5,000.00			
1.17	PREPARATION EXCAVATION FOR TAPPING SLEEVE AND VALVE	1 LS	\$2,500.00	\$2,500.00	\$655.00	\$655.00	\$2,300.00	\$2,300.00	\$1,900.00	\$1,900.00			
1.18	WATER MAIN, TRENCHED, RESTRAINED JOINT, PVC C900, DR18, 8 IN.	100 LF	\$65.00	\$6,500.00	\$7,490.00	\$7,490.00	\$67.50	\$6,750.00	\$85.00	\$8,500.00			
1.19	WATER MAIN, 8 IN., BEND	3 EA	\$500.00	\$1,500.00	\$2,169.00	\$2,169.00	\$625.00	\$1,875.00	\$400.00	\$1,200.00			
1.20	WATER MAIN, 8 IN., CAP	1 EA	\$250.00	\$250.00	\$154.64	\$154.64	\$150.00	\$150.00	\$350.00	\$350.00			
1.21	WATER MAIN, 8 IN., SOLID SLEEVE	1 EA	\$300.00	\$300.00	\$1,773.00	\$1,773.00	\$250.00	\$250.00	\$300.00	\$300.00			
1.22	REMOVAL OF WATER MAIN, 8 IN., PVC	72 LF	\$15.00	\$1,080.00	\$1,188.00	\$1,188.00	\$14.00	\$1,008.00	\$15.00	\$1,080.00			
1.23	MANHOLE, STORM SEWER, SW-401, 96 IN.	1 EA	\$10,000.00	\$10,000.00	\$11,041.00	\$11,041.00	\$13,000.00	\$13,000.00	\$10,600.00	\$10,600.00			
1.24	HMA PAVEMENT, 6 IN., 1M ESAL, PG 64-22	370 SY	\$45.00	\$16,650.00	\$15,910.00	\$15,910.00	\$44.00	\$16,280.00	\$41.00	\$15,170.00			
1.25	PAVED SHOULDER, HMA 6 IN.	131 SY	\$60.00	\$7,860.00	\$6,943.00	\$6,943.00	\$57.00	\$7,467.00	\$58.00	\$7,598.00			
1.26	DRIVEWAY, GRANULAR	17 TON	\$35.00	\$595.00	\$510.00	\$510.00	\$30.00	\$510.00	\$26.00	\$442.00			
1.27	TRAFFIC CONTROL	1 LS	\$7,500.00	\$7,500.00	\$3,400.00	\$3,400.00	\$8,500.00	\$8,500.00	\$3,400.00	\$3,400.00			
1.28	CONVENTIONAL SEEDING, TYPE 2 (PERMANENT COOL-SEASON MIXTL	0.56 AC	\$5,400.00	\$3,024.00	\$1,652.00	\$1,652.00	\$2,000.00	\$1,120.00	\$2,950.00	\$1,652.00			
1.29	CONVENTIONAL SEEDING, TYPE 5 (RURAL TEMPORARY EROSION CON	0.6 AC	\$3,400.00	\$2,040.00	\$1,652.10	\$1,652.10	\$1,200.00	\$720.00	\$500.00	\$300.00			
1.30	HYDRAULIC SEEDING, FERTILIZING & MULCHING, TYPE 1 (PERMANENT	1310 SF	\$0.50	\$655.00	\$393.00	\$393.00	\$0.95	\$1,244.50	\$0.30	\$393.00			
1.31	TEMPORARY ROLLED EROSION CONTROL PRODUCTS (RECP)	1482 SY	\$2.00	\$2,924.00	\$2,105.28	\$2,105.28	\$3.00	\$4,386.00	\$1.50	\$2,193.00			
1.32	EROSION CONTROL MULCHING, CONVENTIONAL MULCHING	0.6 AC	\$800.00	\$480.00	\$420.00	\$420.00	\$2,500.00	\$1,500.00	\$700.00	\$420.00			
1.33	CHECK DAM, ROCK, INSTALLATION	3 EA	\$1,000.00	\$3,000.00	\$375.00	\$375.00	\$1,100.00	\$3,300.00	\$800.00	\$2,400.00			
1.34	CHECK DAM, ROCK, CLEAN-OUT	3 EA	\$500.00	\$1,500.00	\$375.00	\$375.00	\$25.00	\$75.00	\$500.00	\$1,500.00			
1.35	CHECK DAM, ROCK, REMOVAL	3 EA	\$800.00	\$2,400.00	\$375.00	\$375.00	\$25.00	\$75.00	\$800.00	\$2,400.00			
1.36	SILT FENCE, INSTALLATION	750 LF	\$3.00	\$2,250.00	\$1,200.00	\$1,200.00	\$3.15	\$2,362.50	\$1.60	\$1,200.00			
1.37	SILT FENCE, REMOVAL OF SEDIMENT	750 LF	\$1.00	\$750.00	\$1,200.00	\$1,200.00	\$0.10	\$75.00	\$0.10	\$75.00			
1.38	SILT FENCE, REMOVAL OF DEVICE	750 LF	\$2.00	\$1,500.00	\$75.00	\$75.00	\$0.10	\$75.00	\$47.00	\$6,720.00			
1.39	RETVEMENT FOR OUTLET PROTECTION, CLASS E, W/ FABRIC	140 TON	\$45.00	\$6,300.00	\$8,824.20	\$8,824.20	\$63.03	\$6,720.00	\$100.00	\$14,700.00			
1.40	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	5.1 STA	\$80.00	\$408.00	\$510.00	\$510.00	\$250.00	\$1,275.00	\$100.00	\$510.00			
1.41	TREE PROTECTION PLAN	1 LS	\$1,500.00	\$1,500.00	\$1,500.00	\$1,500.00	\$1,700.00	\$1,700.00	\$1,500.00	\$1,500.00			

McAninch Corporation
Des Moines, IA
BID SECURITY
10% Bid Bond
BID PRICE

H&W Contracting, LLC
Sioux Falls, SD
BID SECURITY
10% Bid Bond
BID PRICE

Corell Contractor, Inc.
West Des Moines, IA
BID SECURITY
10% Bid Bond
BID PRICE

ITEM	DESCRIPTION	QUANTITY	UNIT		AMOUNT		UNIT		AMOUNT		UNIT		AMOUNT	
			PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE	PRICE
1.42	TREE PROTECTION FENCE	500 LF	\$3.00	\$1,500.00	\$1.60	\$800.00	\$2.25	\$1,125.00	\$1.60	\$800.00	\$2.25	\$1,125.00	\$1.60	\$800.00
1.43	PROJECT SIGN SMALL-STANDARD	1 EA	\$500.00	\$500.00	\$75.00	\$75.00	\$75.00	\$75.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00	\$100.00
2.01	MOBILIZATION	1 LS	\$58,511.00	\$58,511.00	\$78,503.00	\$78,503.00	\$40,000.00	\$40,000.00	\$51,000.00	\$51,000.00	\$51,000.00	\$51,000.00	\$51,000.00	\$51,000.00
2.02	CLEARING & GRUBBING	2.33 AC	\$25,000.00	\$58,250.00	\$31,187.00	\$72,665.71	\$25,000.00	\$58,250.00	\$29,200.00	\$29,200.00	\$29,200.00	\$29,200.00	\$29,200.00	\$29,200.00
2.03	TOPSOIL, OFFSITE (FURNISH & PLACE)	2077 CY	\$15.00	\$31,155.00	\$17.85	\$37,074.45	\$11.50	\$23,885.50	\$24.50	\$50,886.50	\$24.50	\$50,886.50	\$24.50	\$50,886.50
2.04	EXCAVATION, CLASS 10, ROADWAY & BORROW (FURNISH & PLACE)	1765 CY	\$9.00	\$15,885.00	\$26.45	\$46,684.25	\$10.00	\$17,650.00	\$22.50	\$39,712.50	\$22.50	\$39,712.50	\$22.50	\$39,712.50
2.05	SITE REMOVALS, AS PER PLAN	1 LS	\$20,000.00	\$20,000.00	\$10,460.00	\$10,460.00	\$13,500.00	\$13,500.00	\$35,500.00	\$35,500.00	\$35,500.00	\$35,500.00	\$35,500.00	\$35,500.00
2.06	REMOVAL OF PAVED DRIVEWAY/SIDEWALK	104 SY	\$9.00	\$936.00	\$1.15	\$119.60	\$13.00	\$1,352.00	\$14.50	\$1,508.00	\$14.50	\$1,508.00	\$14.50	\$1,508.00
2.07	REMOVAL OF PAVED DRIVEWAY/SIDEWALK	404 SY	\$8.00	\$3,232.00	\$16.59	\$6,702.36	\$9.00	\$3,636.00	\$14.50	\$5,868.00	\$14.50	\$5,868.00	\$14.50	\$5,868.00
2.08	SPECIAL BACKFILL	79 CY	\$35.00	\$2,765.00	\$18.87	\$1,490.73	\$40.00	\$3,160.00	\$55.00	\$4,345.00	\$55.00	\$4,345.00	\$55.00	\$4,345.00
2.09	SANITARY SEWER GRAVITY MAIN, TRENCHED, 10 IN.	104 LF	\$160.00	\$16,640.00	\$88.06	\$9,158.24	\$135.00	\$14,040.00	\$128.75	\$13,390.00	\$128.75	\$13,390.00	\$128.75	\$13,390.00
2.10	REMOVAL OF SANITARY SEWER EQUAL TO OR LESS THAN 36 IN.	104 LF	\$25.00	\$2,600.00	\$17.77	\$1,848.08	\$15.00	\$1,560.00	\$40.00	\$4,160.00	\$40.00	\$4,160.00	\$40.00	\$4,160.00
2.11	STORM SEWER, TRENCHED, RCP, CLASS III, 15 IN.	16 LF	\$100.00	\$1,600.00	\$191.10	\$3,057.60	\$105.00	\$1,680.00	\$140.00	\$2,240.00	\$140.00	\$2,240.00	\$140.00	\$2,240.00
2.12	STORM SEWER, TRENCHED, RCP, CLASS III, 18 IN.	12 LF	\$125.00	\$1,500.00	\$191.59	\$2,299.08	\$115.00	\$1,380.00	\$174.00	\$2,088.00	\$174.00	\$2,088.00	\$174.00	\$2,088.00
2.13	STORM SEWER, TRENCHED, RCP, CLASS III, 24 IN.	13 LF	\$150.00	\$1,950.00	\$253.50	\$3,295.50	\$125.00	\$1,625.00	\$216.00	\$2,808.00	\$216.00	\$2,808.00	\$216.00	\$2,808.00
2.14	STORM SEWER, TRENCHED, RCP, CLASS III, 36 IN.	16 LF	\$185.00	\$2,960.00	\$228.00	\$3,648.00	\$225.00	\$3,600.00	\$194.00	\$3,104.00	\$194.00	\$3,104.00	\$194.00	\$3,104.00
2.15	STORM SEWER, TRENCHED, RCP, CLASS III, 42 IN.	73 LF	\$200.00	\$14,600.00	\$190.00	\$13,870.00	\$275.00	\$20,075.00	\$189.00	\$13,797.00	\$189.00	\$13,797.00	\$189.00	\$13,797.00
2.16	REMOVE & REINSTALL STORM SEWER LESS THAN OR EQUAL TO 36 IN	16 LF	\$75.00	\$1,200.00	\$304.00	\$4,864.00	\$180.00	\$2,880.00	\$228.00	\$3,648.00	\$228.00	\$3,648.00	\$228.00	\$3,648.00
2.17	REMOVAL OF STORM SEWER LESS THAN OR EQUAL TO 36 IN.	286 LF	\$25.00	\$7,150.00	\$39.00	\$11,154.00	\$15.00	\$4,290.00	\$26.00	\$7,436.00	\$26.00	\$7,436.00	\$26.00	\$7,436.00
2.18	PIPE APRON, CONCRETE, 18 IN.	1 EA	\$1,800.00	\$1,800.00	\$1,462.00	\$1,462.00	\$2,200.00	\$2,200.00	\$1,900.00	\$1,900.00	\$1,900.00	\$1,900.00	\$1,900.00	\$1,900.00
2.19	PIPE APRON, CONCRETE, 24 IN.	2 EA	\$2,000.00	\$4,000.00	\$2,447.00	\$4,894.00	\$2,400.00	\$4,800.00	\$2,400.00	\$4,800.00	\$2,400.00	\$4,800.00	\$2,400.00	\$4,800.00
2.20	PIPE APRON, CONCRETE, 42 IN.	2 EA	\$3,500.00	\$7,000.00	\$2,980.00	\$5,960.00	\$4,300.00	\$8,600.00	\$3,600.00	\$7,200.00	\$3,600.00	\$7,200.00	\$3,600.00	\$7,200.00
2.21	SUBDRAIN, PVC, 6 IN.	1195 LF	\$25.00	\$29,875.00	\$27.43	\$32,778.85	\$16.50	\$19,717.50	\$27.50	\$32,862.50	\$27.50	\$32,862.50	\$27.50	\$32,862.50
2.22	SUBDRAIN CLEANOUT, TYPE A-1	6 EA	\$500.00	\$3,000.00	\$393.00	\$2,358.00	\$550.00	\$3,300.00	\$600.00	\$3,600.00	\$600.00	\$3,600.00	\$600.00	\$3,600.00
2.23	SUBDRAIN OUTLET	5 EA	\$500.00	\$2,500.00	\$277.00	\$1,385.00	\$550.00	\$2,750.00	\$475.00	\$2,375.00	\$475.00	\$2,375.00	\$475.00	\$2,375.00
2.24	SANITARY SEWER STREAM CROSSING ENCASUREMENT	1 LS	\$53,000.00	\$53,000.00	\$58,273.00	\$58,273.00	\$95,000.00	\$95,000.00	\$57,150.00	\$57,150.00	\$57,150.00	\$57,150.00	\$57,150.00	\$57,150.00
2.25	SEWAGE BYPASSING	1 LS	\$2,500.00	\$2,500.00	\$6,000.00	\$6,000.00	\$4,500.00	\$4,500.00	\$8,100.00	\$8,100.00	\$8,100.00	\$8,100.00	\$8,100.00	\$8,100.00
2.26	MANHOLE, SANITARY SEWER, SW-301, 48 IN.	1 EA	\$5,000.00	\$5,000.00	\$4,726.00	\$4,726.00	\$2,800.00	\$2,800.00	\$3,150.00	\$3,150.00	\$3,150.00	\$3,150.00	\$3,150.00	\$3,150.00
2.27	INTAKE, CIRCULAR SINGLE GRATE, SW-502, MOD. 72"	1 EA	\$5,000.00	\$5,000.00	\$10,545.00	\$10,545.00	\$5,700.00	\$5,700.00	\$8,725.00	\$8,725.00	\$8,725.00	\$8,725.00	\$8,725.00	\$8,725.00
2.28	MANHOLE, STORM SEWER, SW-401, 48 IN.	2 EA	\$3,500.00	\$7,000.00	\$5,612.00	\$11,224.00	\$2,400.00	\$4,800.00	\$3,150.00	\$6,300.00	\$3,150.00	\$6,300.00	\$3,150.00	\$6,300.00
2.29	MANHOLE, STORM SEWER, SW-401, 72 IN.	1 EA	\$6,500.00	\$6,500.00	\$6,929.00	\$6,929.00	\$6,500.00	\$6,500.00	\$5,800.00	\$5,800.00	\$5,800.00	\$5,800.00	\$5,800.00	\$5,800.00
2.30	MANHOLE, STORM SEWER, SW-404, 103 IN x 103 IN, CUSTOM	1 EA	\$20,000.00	\$20,000.00	\$8,409.00	\$8,409.00	\$25,000.00	\$25,000.00	\$21,750.00	\$21,750.00	\$21,750.00	\$21,750.00	\$21,750.00	\$21,750.00
2.31	REMOVE MANHOLE	4 EA	\$500.00	\$2,000.00	\$550.00	\$2,200.00	\$400.00	\$1,600.00	\$1,250.00	\$5,000.00	\$1,250.00	\$5,000.00	\$1,250.00	\$5,000.00
2.32	PAVEMENT, PCC/HMA COMPOSITE PATCH, MIN. 8 IN. DEPTH	100 SY	\$48.00	\$4,800.00	\$52.20	\$5,220.00	\$80.00	\$8,000.00	\$88.00	\$8,800.00	\$88.00	\$8,800.00	\$88.00	\$8,800.00
2.33	PCC CURB & GUTTER, 6 IN SLOPED	525 LF	\$28.00	\$14,700.00	\$8.00	\$4,200.00	\$35.00	\$18,375.00	\$35.00	\$18,375.00	\$35.00	\$18,375.00	\$35.00	\$18,375.00
2.34	CONCRETE FLUME W/6 IN SLOPED CURB	2 EA	\$1,000.00	\$2,000.00	\$1,000.00	\$2,000.00	\$1,250.00	\$2,500.00	\$650.00	\$1,300.00	\$650.00	\$1,300.00	\$650.00	\$1,300.00
2.35	DRIVEWAY, PAVED, PCC, 6 IN.	400 SY	\$40.00	\$16,000.00	\$44.70	\$17,880.00	\$48.00	\$19,200.00	\$40.00	\$16,000.00	\$40.00	\$16,000.00	\$40.00	\$16,000.00
2.36	SIDEWALK, PCC, 4 IN.	50 SY	\$32.00	\$1,600.00	\$30.00	\$1,500.00	\$45.00	\$2,250.00	\$40.00	\$2,000.00	\$40.00	\$2,000.00	\$40.00	\$2,000.00
2.37	DRIVEWAY, GRANULAR	15 TON	\$35.00	\$525.00	\$32.72	\$490.80	\$28.00	\$420.00	\$27.00	\$405.00	\$27.00	\$405.00	\$27.00	\$405.00
2.38	TRAFFIC CONTROL	1 LS	\$20,000.00	\$20,000.00	\$3,400.00	\$3,400.00	\$2,950.00	\$2,950.00	\$3,400.00	\$3,400.00	\$3,400.00	\$3,400.00	\$3,400.00	\$3,400.00
2.39	SODDING	307 SQ	\$45.00	\$13,815.00	\$37.00	\$11,359.00	\$48.00	\$14,736.00	\$37.00	\$11,359.00	\$37.00	\$11,359.00	\$37.00	\$11,359.00
2.40	CONVENTIONAL SEEDING, TYPE 2 (PERMANENT COOL-SEASON MIXTL	0.75 AC	\$20,000.00	\$15,000.00	\$3,343.00	\$2,507.25	\$2,000.00	\$1,500.00	\$2,950.00	\$2,212.50	\$2,950.00	\$2,212.50	\$2,950.00	\$2,212.50
2.41	CONVENTIONAL SEEDING, TYPE 5 (RURAL TEMP EROSION CONTROL I	1.74 AC	\$7,000.00	\$12,180.00	\$531.00	\$923.94	\$1,200.00	\$2,088.00	\$500.00	\$870.00	\$500.00	\$870.00	\$500.00	\$870.00
2.42	HYDRAULIC SEEDING, FERTILIZING & MULCHING, TYPE 1 (PERMANENT	0.26 AC	\$22,000.00	\$5,720.00	\$4,523.00	\$1,175.98	\$5,500.00	\$1,430.00	\$3,920.00	\$1,019.20	\$3,920.00	\$1,019.20	\$3,920.00	\$1,019.20
2.43	TEMPORARY ROLLED EROSION CONTROL PRODUCTS (RECP)	1900 SY	\$2.00	\$3,800.00	\$1.44	\$2,736.00	\$3.00	\$5,700.00	\$1.50	\$2,850.00	\$1.50	\$2,850.00	\$1.50	\$2,850.00
2.44	TURF REINFORCEMENT MATS (TRM)	300 SQ	\$50.00	\$15,000.00	\$1.44	\$432.00	\$8.50	\$2,550.00	\$47.00	\$14,100.00	\$47.00	\$14,100.00	\$47.00	\$14,100.00
2.45	EROSION CONTROL MULCHING, CONVENTIONAL MULCHING	1.74 AC	\$1,000.00	\$1,740.00	\$732.00	\$1,273.68	\$2,500.00	\$4,350.00	\$700.00	\$1,218.00	\$700.00	\$1,218.00	\$700.00	\$1,218.00
2.46	CHECK DAM, ROCK, INSTALLATION	4 EA	\$1,000.00	\$4,000.00	\$125.00	\$500.00	\$1,100.00	\$4,400.00	\$800.00	\$3,200.00	\$800.00	\$3,200.00	\$800.00	\$3,200.00
2.47	CHECK DAM, ROCK, CLEAN-OUT	4 EA	\$500.00	\$2,000.00	\$125.00	\$500.00	\$25.00	\$100.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00	\$500.00	\$2,000.00
2.48	CHECK DAM, ROCK, REMOVAL	4 EA	\$800.00	\$3,200.00	\$125.00	\$500.00	\$25.00	\$100.00	\$800.00	\$3,200.00	\$800.00	\$3,200.00	\$800.00	\$3,200.00
2.49	SILT FENCE, INSTALLATION	1695 LF	\$3.00	\$5,085.00	\$1.60	\$2,712.00	\$3.15	\$5,339.25	\$1.60	\$2,712.00	\$1.60	\$2,712.00	\$1.60	\$2,712.00

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
2.50	SILT FENCE, REMOVAL OF SEDIMENT	1695 LF	\$1.00	\$1,695.00	\$0.10	\$169.50	\$0.10	\$169.50	\$0.10	\$169.50
2.51	SILT FENCE, REMOVAL OF DEVICE	1695 LF	\$2.00	\$3,390.00	\$0.10	\$169.50	\$0.10	\$169.50	\$0.10	\$169.50
2.52	STABILIZED CONSTRUCTION ENTRANCE	100 TON	\$40.00	\$4,000.00	\$32.72	\$3,272.00	\$27.00	\$2,700.00	\$47.00	\$4,700.00
2.53	GABION BASKETS	144 CY	\$500.00	\$72,000.00	\$642.92	\$92,580.48	\$650.00	\$93,600.00	\$345.00	\$49,680.00
2.54	REVTMENT FOR BANK STABILIZATION, CLASS B, W/ FABRIC	255 TON	\$60.00	\$15,300.00	\$94.00	\$23,970.00	\$55.00	\$14,025.00	\$59.00	\$15,045.00
2.55	REVTMENT FOR BANK STABILIZATION, CLASS E, W/ FABRIC	1728 TON	\$50.00	\$86,400.00	\$57.00	\$98,496.00	\$48.00	\$82,944.00	\$50.00	\$86,400.00
2.56	REVTMENT FOR OUTLET PROTECTION, CLASS E, W/ FABRIC	245 TON	\$50.00	\$12,250.00	\$52.50	\$12,862.50	\$48.00	\$11,760.00	\$50.00	\$12,250.00
2.57	REVTMENT FOR OUTLET PROTECTION, FIELD STONE, W/ FABRIC	152 TON	\$70.00	\$10,640.00	\$50.00	\$7,600.00	\$60.00	\$9,120.00	\$70.00	\$10,640.00
2.58	REMOVE & REINSTALL WOOD FENCE	140 LF	\$50.00	\$7,000.00	\$26.75	\$3,745.00	\$50.00	\$7,000.00	\$26.75	\$3,745.00
2.59	REMOVE & REINSTALL FIELD FENCE	110 LF	\$15.00	\$1,650.00	\$17.70	\$1,947.00	\$15.00	\$1,650.00	\$18.00	\$1,980.00
2.60	REMOVE & REINSTALL CHAIN LINK FENCE	285 LF	\$20.00	\$5,700.00	\$22.45	\$6,398.25	\$20.00	\$5,700.00	\$22.50	\$6,412.50
2.61	CONSTRUCTION ACCESS & STAGING	1 LS	\$10,000.00	\$10,000.00	\$12,400.00	\$12,400.00	\$12,000.00	\$12,000.00	\$19,250.00	\$19,250.00
2.62	TEMPORARY GRANULAR SURFACING	156 TON	\$35.00	\$5,460.00	\$32.20	\$5,023.20	\$27.00	\$4,212.00	\$36.50	\$5,694.00
2.63	TREE PROTECTION PLAN	1 LS	\$15,000.00	\$15,000.00	\$1,500.00	\$1,500.00	\$450.00	\$450.00	\$1,500.00	\$1,500.00
2.64	TREE PROTECTION FENCE	1800 LF	\$3.00	\$5,400.00	\$1.60	\$2,880.00	\$3.50	\$6,300.00	\$1.60	\$2,880.00
2.65	PROJECT SIGN SMALL-STANDARD	10 EA	\$500.00	\$5,000.00	\$100.00	\$1,000.00	\$75.00	\$750.00	\$100.00	\$1,000.00
2.66	STEEL SHEET PILE - INSTALLATION	3300 SF	\$25.00	\$82,500.00	\$11.40	\$37,620.00	\$17.00	\$56,100.00	\$5.00	\$16,500.00
2.67	STEEL SHEET PILE - FURNISH & INSTALLATION	3673 SF	\$40.00	\$146,920.00	\$30.26	\$111,144.98	\$35.00	\$128,555.00	\$36.00	\$132,228.00
2.68	DEEP RECONSTRUCTION REPAIR	5 SF	\$150.00	\$750.00	\$500.00	\$2,500.00	\$200.00	\$1,000.00	\$1,844.00	\$9,220.00
TOTAL CONSTRUCTION COST				\$1,200,000.00		\$1,107,131.40		\$1,141,993.75		\$1,141,372.00
PERCENT OF ENGINEER'S ESTIMATE						-7.74%		-4.83%		-4.89%

TABULATED BY: Z. Erickson
CHECKED BY: *S.M. ZSC* APPROVED BY: _____

CONTRACTOR'S BID TABULATION
PROJECT: 2012 SEWER REPAIR - CONTRACT 1

ESTIMATE

ITEM	DESCRIPTION	QUANTITY	UNIT	PRICE	AMOUNT	Pohlmeier Construction, Inc. Bondurant, IA		The Underground Company, Ltd Carlisle, IA	
						BID PRICE	AMOUNT	BID PRICE	AMOUNT
1.01	MOBILIZATION	1 LS		\$9,000.00	\$9,000.00	\$100,000.00	\$100,000.00		
1.02	CLEARING & GRUBBING	0.52 AC		\$25,000.00	\$13,000.00	\$35,000.00	\$18,200.00		
1.03	TOPSOIL, OFFSITE (FURNISH & PLACE)	725 CY		\$15.00	\$10,875.00	\$15.00	\$10,875.00		
1.04	EXCAVATION, CLASS 10, ROADWAY & BORROW (FURNISH & PLACE)	2005 CY		\$9.00	\$18,045.00	\$8.00	\$16,040.00		
1.05	SITE REMOVALS, AS PER PLAN	1 LS		\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00		
1.06	REMOVAL OF PAVEMENT	370 SY		\$9.00	\$3,330.00	\$10.00	\$3,700.00		
1.07	SPECIAL BACKFILL	70 CY		\$35.00	\$2,450.00	\$45.00	\$3,150.00		
1.08	SHLD CONSTRUCTION, EARTH	300 LF		\$12.00	\$3,600.00	\$10.00	\$3,000.00		
1.09	TRENCH FOUNDATION	16 TON		\$480.00	\$7,680.00	\$50.00	\$800.00		
1.10	STORM SEWER, TRENCHED, RCP, CLASS III, 15 IN.	47 LF		\$75.00	\$3,525.00	\$250.00	\$11,750.00		
1.11	STORM SEWER, TRENCHED, RCP, CLASS III, 48 IN.	40 LF		\$200.00	\$8,000.00	\$400.00	\$16,000.00		
1.12	STORM SEWER, TRENCHED, RCP, CLASS III, 54 IN.	28 LF		\$250.00	\$7,000.00	\$425.00	\$11,900.00		
1.13	REMOVAL OF STORM SEWER GREATER THAN 36 IN.	26 LF		\$50.00	\$1,300.00	\$50.00	\$1,300.00		
1.14	PIPE APRON, CONCRETE, 15 IN.	1 EA		\$1,100.00	\$1,100.00	\$2,000.00	\$2,000.00		
1.15	PIPE APRON, CONCRETE, 48 IN.	1 EA		\$2,500.00	\$2,500.00	\$5,200.00	\$5,200.00		
1.16	PIPE APRON, CONCRETE, 54 IN.	1 EA		\$3,000.00	\$3,000.00	\$6,200.00	\$6,200.00		
1.17	PREPARATION EXCAVATION FOR TAPPING SLEEVE AND VALVE	1 LS		\$2,500.00	\$2,500.00	\$5,000.00	\$5,000.00		
1.18	WATER MAIN, TRENCHED, RESTRAINED JOINT, PVC C900, DR18, 8 IN.	100 LF		\$65.00	\$6,500.00	\$200.00	\$20,000.00		
1.19	WATER MAIN, 8 IN., BEND	3 EA		\$500.00	\$1,500.00	\$500.00	\$1,500.00		
1.20	WATER MAIN, 8 IN., CAP	1 EA		\$250.00	\$250.00	\$400.00	\$400.00		
1.21	WATER MAIN, 8 IN., SOLID SLEEVE	1 EA		\$300.00	\$300.00	\$450.00	\$450.00		
1.22	REMOVAL OF WATER MAIN, 8 IN., PVC	72 LF		\$15.00	\$1,080.00	\$15.00	\$1,080.00		
1.23	MANHOLE, STORM SEWER, SW-401, 96 IN.	1 EA		\$10,000.00	\$10,000.00	\$10,000.00	\$10,000.00		
1.24	HMA PAVEMENT, 6 IN., 1M ESAL, PG 64-22	370 SY		\$45.00	\$16,650.00	\$46.00	\$17,020.00		
1.25	PAVED SHOULDER, HMA 6 IN.	131 SY		\$60.00	\$7,860.00	\$65.00	\$8,515.00		
1.26	DRIVEWAY, GRANULAR	17 TON		\$35.00	\$595.00	\$30.00	\$510.00		
1.27	TRAFFIC CONTROL	1 LS		\$7,500.00	\$7,500.00	\$3,500.00	\$3,500.00		
1.28	CONVENTIONAL SEEDING, TYPE 2 (PERMANENT COOL-SEASON MIXTL	0.56 AC		\$5,400.00	\$3,024.00	\$3,000.00	\$1,680.00		
1.29	CONVENTIONAL SEEDING, TYPE 5 (RURAL TEMPORARY EROSION CON	0.6 AC		\$3,400.00	\$2,040.00	\$500.00	\$300.00		
1.30	HYDRAULIC SEEDING, FERTILIZING & MULCHING, TYPE 1 (PERMANENT	1310 SF		\$0.50	\$655.00	\$0.30	\$393.00		
1.31	TEMPORARY ROLLED EROSION CONTROL PRODUCTS (RECP)	1462 SY		\$2.00	\$2,924.00	\$1.50	\$2,193.00		
1.32	EROSION CONTROL MULCHING, CONVENTIONAL MULCHING	0.6 AC		\$800.00	\$480.00	\$700.00	\$420.00		
1.33	CHECK DAM, ROCK, INSTALLATION	3 EA		\$1,000.00	\$3,000.00	\$1,000.00	\$3,000.00		
1.34	CHECK DAM, ROCK, CLEAN-OUT	3 EA		\$500.00	\$1,500.00	\$500.00	\$1,500.00		
1.35	CHECK DAM, ROCK, REMOVAL	3 EA		\$800.00	\$2,400.00	\$500.00	\$1,500.00		
1.36	SILT FENCE, INSTALLATION	750 LF		\$3.00	\$2,250.00	\$1.60	\$1,200.00		
1.37	SILT FENCE, REMOVAL OF SEDIMENT	750 LF		\$1.00	\$750.00	\$0.10	\$75.00		
1.38	SILT FENCE, REMOVAL OF DEBRIS	750 LF		\$2.00	\$1,500.00	\$0.10	\$75.00		
1.39	REVTMENT FOR OUTLET PROTECTION, CLASS E, W/ FABRIC	140 TON		\$45.00	\$6,300.00	\$50.00	\$7,000.00		
1.40	PAINTED PAVEMENT MARKING, WATERBORNE OR SOLVENT-BASED	5.1 STA		\$80.00	\$408.00	\$100.00	\$510.00		
1.41	TREE PROTECTION PLAN	1 LS		\$1,500.00	\$1,500.00	\$2,000.00	\$2,000.00		

ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
1.42	TREE PROTECTION FENCE	500 LF	\$3.00	\$1,500.00	\$2.00	\$1,000.00		
1.43	PROJECT SIGN SMALL-STANDARD	1 EA	\$500.00	\$500.00	\$100.00	\$100.00		
2.01	MOBILIZATION	1 LS	\$58,511.00	\$58,511.00	\$20,000.00	\$20,000.00		
2.02	CLEARING & GRUBBING	2.33 AC	\$25,000.00	\$58,250.00	\$35,000.00	\$81,550.00		
2.03	TOPSOIL, OFFSITE (FURNISH & PLACE)	2077 CY	\$15.00	\$31,155.00	\$15.00	\$31,155.00		
2.04	EXCAVATION, CLASS 10, ROADWAY & BORROW (FURNISH & PLACE)	1765 CY	\$9.00	\$15,885.00	\$8.00	\$14,120.00		
2.05	SITE REMOVALS, AS PER PLAN	1 LS	\$20,000.00	\$20,000.00	\$5,000.00	\$5,000.00		
2.06	REMOVAL OF PAVED DRIVEWAY/SIDEWALK	104 SY	\$9.00	\$936.00	\$10.00	\$1,040.00		
2.07	REMOVAL OF PAVED DRIVEWAY/SIDEWALK	404 SY	\$8.00	\$3,232.00	\$10.00	\$4,040.00		
2.08	SPECIAL BACKFILL	79 CY	\$35.00	\$2,765.00	\$45.00	\$3,555.00		
2.09	SANITARY SEWER GRAVITY MAIN, TRENCHED, 10 IN.	104 LF	\$160.00	\$16,640.00	\$200.00	\$20,800.00		
2.10	REMOVAL OF SANITARY SEWER EQUAL TO OR LESS THAN 36 IN.	104 LF	\$25.00	\$2,600.00	\$10.00	\$1,040.00		
2.11	STORM SEWER, TRENCHED, RCP, CLASS III, 15 IN.	16 LF	\$100.00	\$1,600.00	\$398.00	\$6,368.00		
2.12	STORM SEWER, TRENCHED, RCP, CLASS III, 18 IN.	12 LF	\$125.00	\$1,500.00	\$413.00	\$4,956.00		
2.13	STORM SEWER, TRENCHED, RCP, CLASS III, 24 IN.	13 LF	\$150.00	\$1,950.00	\$423.00	\$5,499.00		
2.14	STORM SEWER, TRENCHED, RCP, CLASS III, 36 IN.	16 LF	\$185.00	\$2,960.00	\$458.00	\$7,328.00		
2.15	STORM SEWER, TRENCHED, RCP, CLASS III, 42 IN.	73 LF	\$200.00	\$14,600.00	\$473.00	\$34,529.00		
2.16	REMOVE & REINSTALL STORM SEWER LESS THAN OR EQUAL TO 36 IN	16 LF	\$75.00	\$1,200.00	\$97.00	\$1,552.00		
2.17	REMOVAL OF STORM SEWER LESS THAN OR EQUAL TO 36 IN.	286 LF	\$25.00	\$7,150.00	\$20.00	\$5,720.00		
2.18	PIPE APRON, CONCRETE, 18 IN.	1 EA	\$1,800.00	\$1,800.00	\$2,500.00	\$2,500.00		
2.19	PIPE APRON, CONCRETE, 24 IN.	2 EA	\$2,000.00	\$4,000.00	\$3,000.00	\$6,000.00		
2.20	PIPE APRON, CONCRETE, 42 IN.	2 EA	\$3,500.00	\$7,000.00	\$5,000.00	\$10,000.00		
2.21	SUBDRAIN, PVC, 6 IN.	1195 LF	\$25.00	\$29,875.00	\$20.00	\$23,900.00		
2.22	SUBDRAIN CLEANOUT, TYPE A-1	6 EA	\$500.00	\$3,000.00	\$250.00	\$1,500.00		
2.23	SUBDRAIN OUTLET	5 EA	\$500.00	\$2,500.00	\$250.00	\$1,250.00		
2.24	SANITARY SEWER STREAM CROSSING ENCASEMENT	1 LS	\$53,000.00	\$53,000.00	\$30,000.00	\$30,000.00		
2.25	SEWAGE BYPASSING	1 LS	\$2,500.00	\$2,500.00	\$2,504.00	\$2,504.00		
2.26	MANHOLE, SANITARY SEWER, SW-301, 48 IN.	1 EA	\$5,000.00	\$5,000.00	\$3,500.00	\$3,500.00		
2.27	INTAKE, CIRCULAR SINGLE GRATE, SW-502, MOD. 72"	1 EA	\$5,000.00	\$5,000.00	\$5,000.00	\$5,000.00		
2.28	MANHOLE, STORM SEWER, SW-401, 48 IN.	2 EA	\$3,500.00	\$7,000.00	\$3,300.00	\$6,600.00		
2.29	MANHOLE, STORM SEWER, SW-401, 72 IN.	1 EA	\$6,500.00	\$6,500.00	\$7,000.00	\$7,000.00		
2.30	MANHOLE, STORM SEWER, SW-404, 103 IN x 103 IN, CUSTOM	1 EA	\$20,000.00	\$20,000.00	\$35,000.00	\$35,000.00		
2.31	REMOVE MANHOLE	4 EA	\$500.00	\$2,000.00	\$500.00	\$2,000.00		
2.32	PAVEMENT, PCC/HMA COMPOSITE PATCH, MIN. 8 IN. DEPTH	100 SY	\$80.00	\$4,800.00	\$8.00	\$8,000.00		
2.33	PCC CURB & GUTTER, 6 IN SLOPED	525 LF	\$48.00	\$14,700.00	\$30.00	\$15,750.00		
2.34	CONCRETE FLUME W/ 6 IN SLOPED CURB	2 EA	\$1,000.00	\$2,000.00	\$2,000.00	\$4,000.00		
2.35	DRIVEWAY, PAVED, PCC, 6 IN.	400 SY	\$40.00	\$16,000.00	\$45.00	\$18,000.00		
2.36	SIDEWALK, PCC, 4 IN.	50 SY	\$32.00	\$1,600.00	\$40.00	\$2,000.00		
2.37	DRIVEWAY, GRANULAR	15 TON	\$35.00	\$525.00	\$40.00	\$600.00		
2.38	TRAFFIC CONTROL	1 LS	\$20,000.00	\$20,000.00	\$3,500.00	\$3,500.00		
2.39	SODDING	307 SQ	\$45.00	\$13,815.00	\$50.00	\$15,350.00		
2.40	CONVENTIONAL SEEDING, TYPE 2 (PERMANENT COOL-SEASON MIXTL	0.75 AC	\$20,000.00	\$15,000.00	\$3,000.00	\$2,250.00		
2.41	CONVENTIONAL SEEDING, TYPE 5 (RURAL TEMP EROSION CONTROL I	1.74 AC	\$7,000.00	\$12,180.00	\$500.00	\$870.00		
2.42	HYDRAULIC SEEDING, FERTILIZING & MULCHING, TYPE 1 (PERMANENT	0.26 AC	\$22,000.00	\$5,720.00	\$4,000.00	\$1,040.00		
2.43	TEMPORARY ROLLED EROSION CONTROL PRODUCTS (RECP)	1900 SY	\$2.00	\$3,800.00	\$1.44	\$2,736.00		
2.44	TURF REINFORCEMENT MATS (TRM)	300 SQ	\$50.00	\$15,000.00	\$50.00	\$15,000.00		
2.45	EROSION CONTROL MULCHING, CONVENTIONAL MULCHING	1.74 AC	\$1,000.00	\$1,740.00	\$700.00	\$1,218.00		
2.46	CHECK DAM, ROCK, INSTALLATION	4 EA	\$1,000.00	\$4,000.00	\$1,000.00	\$4,000.00		
2.47	CHECK DAM, ROCK, CLEAN-OUT	4 EA	\$500.00	\$2,000.00	\$500.00	\$2,000.00		
2.48	CHECK DAM, ROCK, REMOVAL	4 EA	\$800.00	\$3,200.00	\$500.00	\$2,000.00		
2.49	SILT FENCE, INSTALLATION	1695 LF	\$3.00	\$5,085.00	\$1.60	\$2,712.00		

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ITEM	DESCRIPTION	QUANTITY	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
2.50	SILT FENCE, REMOVAL OF SEDIMENT	1695 LF	\$1.00	\$1,695.00	\$0.10	\$169.50		
2.51	SILT FENCE, REMOVAL OF DEVICE	1695 LF	\$2.00	\$3,390.00	\$0.10	\$169.50		
2.52	STABILIZED CONSTRUCTION ENTRANCE	100 TON	\$40.00	\$4,000.00	\$50.00	\$5,000.00		
2.53	GABION BASKETS	144 CY	\$500.00	\$72,000.00	\$450.00	\$64,800.00		
2.54	REVTMENT FOR BANK STABILIZATION, CLASS B, W/ FABRIC	255 TON	\$60.00	\$15,300.00	\$50.00	\$12,750.00		
2.55	REVTMENT FOR BANK STABILIZATION, CLASS E, W/ FABRIC	1728 TON	\$50.00	\$86,400.00	\$45.00	\$77,760.00		
2.56	REVTMENT FOR OUTLET PROTECTION, CLASS E, W/ FABRIC	245 TON	\$50.00	\$12,250.00	\$50.00	\$12,250.00		
2.57	REVTMENT FOR OUTLET PROTECTION, FIELD STONE, W/ FABRIC	152 TON	\$70.00	\$10,640.00	\$35.00	\$5,320.00		
2.58	REMOVE & REINSTALL WOOD FENCE	140 LF	\$50.00	\$7,000.00	\$30.00	\$4,200.00		
2.59	REMOVE & REINSTALL FIELD FENCE	110 LF	\$15.00	\$1,650.00	\$20.00	\$2,200.00		
2.60	REMOVE & REINSTALL CHAIN LINK FENCE	285 LF	\$20.00	\$5,700.00	\$25.00	\$7,125.00		
2.61	CONSTRUCTION ACCESS & STAGING	1 LS	\$10,000.00	\$10,000.00	\$5,000.00	\$5,000.00		
2.62	TEMPORARY GRANULAR SURFACING	156 TON	\$35.00	\$5,460.00	\$30.00	\$4,680.00		
2.63	TREE PROTECTION PLAN	1 LS	\$15,000.00	\$15,000.00	\$2,000.00	\$2,000.00		
2.64	TREE PROTECTION FENCE	1800 LF	\$3.00	\$5,400.00	\$2.00	\$3,600.00		
2.65	PROJECT SIGN SMALL-STANDARD	10 EA	\$500.00	\$5,000.00	\$100.00	\$1,000.00		
2.66	STEEL SHEET PILE - INSTALLATION	3300 SF	\$25.00	\$82,500.00	\$20.00	\$66,000.00		
2.67	STEEL SHEET PILE - FURNISH & INSTALLATION	3673 SF	\$40.00	\$146,920.00	\$40.00	\$146,920.00		
2.68	DEEP RECONSTRUCTION REPAIR	5 SF	\$150.00	\$750.00	\$500.00	\$2,500.00		
	TOTAL CONSTRUCTION COST			\$1,200,000.00		\$1,215,512.00		\$0.00
	PERCENT OF ENGINEER'S ESTIMATE					+1.29%		-100.00%