
MEMORANDUM

TO: RANDY HILL, PUBLIC WORKS DIRECTOR

FROM: JON LUTZ, CITY ENGINEER

SUBJECT: MAD CREEK SEWER EXTENSION PROJECT
AWARD

DATE: OCTOBER 15, 2012

INTRODUCTION:

The City of Muscatine received bids on the Mad Creek Sewer Extension Project on October 9th, 2012.

BACKGROUND:

The engineer's estimate was \$1,514,900.75. Bids were received as follows:

1. Cornerstone Excavating	\$994,414.75
2. Hagerty Earthworks	\$1,903,464.25
3. Langman Construction	\$1,175,136.01
4. Miller Trucking & Excavating	\$1,228,845.00
5. Sulzberger Excavating, Inc.	\$1,302,785.85
6. Ricklef's Excavating, Ltd.	\$1,340,545.00
7. Valley Construction Company	\$1,388,105.00
8. Foley Construction	\$1,396,111.00
9. Brandt Construction Co.	\$1,509,875.00

All bids were below the estimate submitted by the engineer Shoemaker & Haaland. The low bids were attributed to a favorable bidding climate and competition among numerous bidders.

An attached letter of reference indicates Cornerstone Excavating has successfully completed numerous projects of similar scope in southeast Iowa during the past few years.

RECOMMENDATION/RATIONALE:

The city engineer recommends awarding the Mad Creek Sewer Extension Project to Cornerstone Excavating at the October 18th, 2012 City Council meeting for \$994,414.75 and

that contracts and bonds be prepared accordingly for Council approval on November 1st, 2012.

ADDITIONAL INFORMATION:

1. Bid Tabulation
2. Shoemaker & Haaland bid review letter dated October 12, 2012
3. French Reneker Associates letter of reference dated October 10, 2012

RESOLUTION NO. _____

AWARD CONTRACT FOR

It is resolved that the following bid is determined to be the lowest responsible bid for the Mad Creek Sewer Extension Project.

<u>NAME & ADDRESS CONTRACTOR</u>	<u>AMOUNT OF BID</u>
Cornerstone Excavating, Inc. Washington, IA 52353	\$994,414.75

It is further resolved that the Mad Creek Sewer Extension Project is awarded to the above named contractor for \$994,414.75, and the Mayor and City Clerk are authorized and directed to enter into a written contract with said contractor covering the furnishing of material for, and construction of the Mad Creek Sewer Extension Project, such contract not to be binding until approved by resolution of this Council.

It is further resolved that the amount of the contractor's bond is fixed at \$994,414.75, which is one hundred percent of the contract price.

PASSED, APPROVED, AND ADOPTED THIS 18TH DAY OF OCTOBER, 2012.

DeWayne M. Hopkins, Mayor

ATTEST:

Gregg Mandsager, City Administrator

FRENCH - RENEKER - ASSOCIATES, Inc.

Donald E. French (1921-1982)

W. Daniel Reneker, PE (retired)

1501 S MAIN STREET

PO BOX 135

FAIRFIELD, IOWA 52566

841-472-5145

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ENGINEERS & SURVEYORS

John W. Meyer, PE ● Jerry W. Long, PE ● David H. Fredericks, PE ● Kent O. Rice, PE

Stephen W. Hausner, PE-PLS ● Jason C. Hull, PLS ● Matthew P. Walker, PE ● Melanie A. Carlson, PE, LEED - AP

October 10, 2012

To: Selected Parties

Re: Letter of Reference – Cornerstone Excavating, Inc.

To Whom It May Concern:

French-Reneker-Associates has worked with Cornerstone Excavating, Inc. of Washington, Iowa, on a variety of Iowa projects over the past several years. These have included water main replacement projects in Brighton and Crawfordsville, underground utilities related to a paving project in Sigourney, storm sewer in Fremont, sanitary sewer in South English, and site utilities related to a hospital expansion in Fairfield.

The total construction value of these six projects was approximately \$2.7 million, ranging from approximately \$150,000 (Sigourney utilities) to \$950,000 (South English sewer).

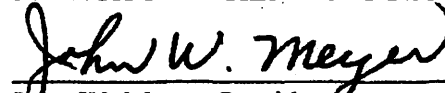
Our role on these projects has been as the design engineer and providing resident engineering services on behalf of the owners during the construction phase.

Cornerstone has been a good contractor to work with on these projects. The construction operation appears to be well managed and they have completed the projects within the contract timeframe, with allowance for unforeseen circumstances. Several of these projects included funding from the Community Development Block Grant Program, American Recovery and Revitalization Act, State Revolving Fund loans, and U.S. Department of Agriculture – Rural Development grants and loans. Cornerstone fulfilled all the documentation needs required of the contractor. We know of no claims for unpaid labor and materials.

In our opinion, Cornerstone clearly meets the requirements as a “responsible bidder” for work similar to that included in the above projects.

Should you have any questions regarding the information in this letter, feel free to contact me.

Cordially,
FRENCH-RENEKER-ASSOCIATES, INC.



John W. Meyer, President

JWM/gle



Shoemaker & Haaland

Engineering • Landscape Architecture • Surveying

October 12, 2012

Mr. Randy Hill
Public Works Director
1459 Washington Street
Muscatine, Iowa 52761

Re: Mad Creek Sewer Extension

Dear Mr. Hill:

We have reviewed the nine bids submitted on October 9th for the above referenced project. Cornerstone Excavating Inc. was the low bidder at \$994,414.75 and was followed by Hagerty Earthworks LLC. at \$1,093,464.25. The remaining seven bids ranged from approximately 1.1 million to 1.5 million.

All the bids received were at or below the Engineers Original Opinion of Cost. We believe this is attributable to the aggressive bidding climate.

With the exception of a minor error in the bid submitted by Sulzberger Excavating (less than \$30), there were no irregularities found between the unit prices and the totals in the bids. All of the bidders acknowledged the receipt of Addendum #1.

We recommend the City proceeds with the award of this project. Based on the attached letter of reference, Cornerstone Excavating has successfully completed numerous projects of a similar scope in southeastern Iowa during the last few years. They have a reputation for providing quality work and completing their projects on time. We recommend the City award the contract to Cornerstone Excavating for the bid price of \$994,414.75.

If you have any questions please feel free to contact me.

Sincerely,

SHOEMAKER & HAALAND PROFESSIONAL ENGINEERS

Michael J. Welch, P.E.

MJW:bak

12101

Mad Creek Sewer Extension Project

Bid Tabulation October 9, 2012

Bid Item No.	Description	Estimated		Cornerstone Excavating Inc.		Hagerty Earthworks LLC	
		Qty	Unit	Unit Price	Total	Unit Price	Total
1	Mobilization, Traffic Control, and Staging	1	LS	\$ 25,000.00	\$ 25,000.00	\$ 20,000.00	\$ 20,000.00
2	Clearing and Grubbing by Lump Sum	1	LS	\$ 35,000.00	\$ 35,000.00	\$ 32,000.00	\$ 32,000.00
3	Rock Excavation	310	CY	\$ 65.00	\$ 20,150.00	\$ 95.00	\$ 29,450.00
4	Trench Foundation	480	TON	\$ 18.55	\$ 8,904.00	\$ 23.55	\$ 11,304.00
5	Encased Stream Crossing of Sanitary Sewer, Type 1	270	LF	\$ 235.00	\$ 63,450.00	\$ 190.00	\$ 51,300.00
6	Encased Stream Crossing of Sanitary Sewer, Type 2	135	LF	\$ 310.00	\$ 41,850.00	\$ 280.00	\$ 37,800.00
7	Sanitary Sewer Gravity Main, Trenched, PVC, 15"	11,355	LF	\$ 36.65	\$ 416,160.75	\$ 46.75	\$ 530,846.25
8	Sanitary Sewer Gravity Main with Casing Pipe, Trenchless, PVC, 15"	310	LF	\$ 347.50	\$ 107,725.00	\$ 302.00	\$ 93,620.00
9	Removal of Sanitary Sewer, PVC, 8"	85	LF	\$ 22.00	\$ 1,870.00	\$ 1.00	\$ 85.00
10	Pipe Culvert, Trenched, CMP, 36"	50	LF	\$ 50.50	\$ 2,525.00	\$ 60.00	\$ 3,000.00
11	Manhole Type SW-301, 48"	36	EA	\$ 4,400.00	\$ 158,400.00	\$ 4,182.00	\$ 150,552.00
12	Manhole Type SW-303, 48"	1	EA	\$ 4,040.00	\$ 4,040.00	\$ 4,182.00	\$ 4,182.00
13	Connection to Existing Manhole	1	EA	\$ 1,500.00	\$ 1,500.00	\$ 800.00	\$ 800.00
14	Conventional Seeding, Seeding, Fertilizing, and Mulching	21	AC	\$ 1,000.00	\$ 21,000.00	\$ 1,600.00	\$ 33,600.00
15	Stormwater Pollution Prevention Plan, Preparation	1	LS	\$ 1,200.00	\$ 1,200.00	\$ 1,500.00	\$ 1,500.00
16	Stormwater Pollution Prevention Plan, Management	1	LS	\$ 2,000.00	\$ 2,000.00	\$ 4,000.00	\$ 4,000.00
17	Stormwater Pollution Prevention Plan, Inspection	15	EA	\$ 100.00	\$ 1,500.00	\$ 100.00	\$ 1,500.00
18	Wattles, 9" Diameter, Installation and Removal	3,500	LF	\$ 2.00	\$ 7,000.00	\$ 1.47	\$ 5,145.00
19	Stabilized Construction Entrance	300	TON	\$ 19.55	\$ 5,865.00	\$ 20.55	\$ 6,165.00
20	Bank Stabilization	780	SY	\$ 55.00	\$ 42,900.00	\$ 58.00	\$ 45,240.00
21	Field Fence with Gate	3	LS	\$ 550.00	\$ 1,650.00	\$ 550.00	\$ 1,650.00
22	Ballast, 4"	300	TON	\$ 18.55	\$ 5,565.00	\$ 23.55	\$ 7,065.00
23	Engineering Fabric	1,000	SY	\$ 2.00	\$ 2,000.00	\$ 1.00	\$ 1,000.00
24	Video Inspection	1	LS	\$ 7,500.00	\$ 7,500.00	\$ 12,000.00	\$ 12,000.00
25	Construction Survey	1	LS	\$ 9,660.00	\$ 9,660.00	\$ 9,660.00	\$ 9,660.00
Total					\$ 994,414.75		\$ 1,093,464.25

Mad Creek Sewer Extension Project

Bid Tabulation October 9, 2012

Bid

Item No.	Description	Estimated Qty	Unit	Langman Construction Inc		Miller Trucking & Exc	
				Unit Price	Total	Unit Price	Total
1	Mobilization, Traffic Control, and Staging	1	LS	\$50,000.00	\$50,000.00	\$30,000.00	\$30,000.00
2	Clearing and Grubbing by Lump Sum	1	LS	\$160,000.00	\$160,000.00	\$45,000.00	\$45,000.00
3	Rock Excavation	310	CY	\$50.00	\$15,500.00	\$110.00	\$34,100.00
4	Trench Foundation	480	TON	\$15.00	\$7,200.00	\$28.00	\$13,440.00
5	Encased Stream Crossing of Sanitary Sewer, Type 1	270	LF	\$150.00	\$40,500.00	\$100.00	\$27,000.00
6	Encased Stream Crossing of Sanitary Sewer, Type 2	135	LF	\$250.00	\$33,750.00	\$145.00	\$19,575.00
7	Sanitary Sewer Gravity Main, Trenched, PVC, 15"	11,355	LF	\$50.00	\$567,750.00	\$56.00	\$635,880.00
8	Sanitary Sewer Gravity Main with Casing Pipe, Trenchless, PVC, 15"	310	LF	\$200.00	\$62,000.00	\$375.00	\$116,250.00
9	Removal of Sanitary Sewer, PVC, 8"	85	LF	\$0.01	\$0.85	\$15.00	\$1,275.00
10	Pipe Culvert, Trenched, CMP, 36"	50	LF	\$60.00	\$3,000.00	\$87.00	\$4,350.00
11	Manhole Type SW-301, 48"	36	EA	\$3,700.00	\$133,200.00	\$3,000.00	\$108,000.00
12	Manhole Type SW-303, 48"	1	EA	\$3,700.00	\$3,700.00	\$3,400.00	\$3,400.00
13	Connection to Existing Manhole	1	EA	\$2,000.00	\$2,000.00	\$2,200.00	\$2,200.00
14	Conventional Seeding, Seeding, Fertilizing, and Mulching	21	AC	\$1,500.00	\$31,500.00	\$3,600.00	\$75,600.00
15	Stormwater Pollution Prevention Plan, Preparation	1	LS	\$500.00	\$500.00	\$1,800.00	\$1,800.00
16	Stormwater Pollution Prevention Plan, Management	1	LS	\$0.01	\$0.01	\$550.00	\$550.00
17	Stormwater Pollution Prevention Plan, Inspection	15	EA	\$0.01	\$0.15	\$200.00	\$3,000.00
18	Wattles, 9" Diameter, Installation and Removal	3,500	LF	\$1.25	\$4,375.00	\$4.00	\$14,000.00
19	Stabilized Construction Entrance	300	TON	\$20.00	\$6,000.00	\$22.00	\$6,600.00
20	Bank Stabilization	780	SY	\$40.00	\$31,200.00	\$65.00	\$50,700.00
21	Field Fence with Gate	3	LS	\$900.00	\$2,700.00	\$2,205.00	\$6,615.00
22	Ballast, 4"	300	TON	\$22.00	\$6,600.00	\$22.00	\$6,600.00
23	Engineering Fabric	1,000	SY	\$1.00	\$1,000.00	\$1.25	\$1,250.00
24	Video Inspection	1	LS	\$3,000.00	\$3,000.00	\$12,000.00	\$12,000.00
25	Construction Survey	1	LS	\$9,660.00	\$9,660.00	\$9,660.00	\$9,660.00
Total					\$1,175,136.01		\$1,228,845.00

Mad Creek Sewer Extension Project

Bid Tabulation October 9, 2012

Bid

Item No.	Description	Estimated		Sulzberger Exc, Inc.		Ricklefs Exc, Ltd.	
		Qty	Unit	Unit Price	Total	Unit Price	Total
1	Mobilization, Traffic Control, and Staging	1	LS	\$ 12,000.00	\$ 12,000.00	\$ 150,000.00	\$ 150,000.00
2	Clearing and Grubbing by Lump Sum	1	LS	\$ 10,500.00	\$ 10,500.00	\$ 85,000.00	\$ 85,000.00
3	Rock Excavation	310	CY	\$ 99.00	\$ 30,690.00	\$ 47.00	\$ 14,570.00
4	Trench Foundation	480	TON	\$ 20.00	\$ 9,600.00	\$ 18.00	\$ 8,640.00
5	Encased Stream Crossing of Sanitary Sewer, Type 1	270	LF	\$ 120.00	\$ 32,400.00	\$ 250.00	\$ 67,500.00
6	Encased Stream Crossing of Sanitary Sewer, Type 2	135	LF	\$ 147.00	\$ 19,845.00	\$ 320.00	\$ 43,200.00
7	Sanitary Sewer Gravity Main, Trenched, PVC, 15"	11355	LF	\$ 68.35	\$ 776,114.25	\$ 51.00	\$ 579,105.00
8	Sanitary Sewer Gravity Main with Casing Pipe, Trenchless, PVC, 15"	310	LF	\$ 349.00	\$ 108,190.00	\$ 389.00	\$ 120,590.00
9	Removal of Sanitary Sewer, PVC, 8"	85	LF	\$ 2.00	\$ 170.00	\$ 7.00	\$ 595.00
10	Pipe Culvert, Trenched, CMP, 36"	50	LF	\$ 48.00	\$ 2,400.00	\$ 45.00	\$ 2,250.00
11	Manhole Type SW-301, 48"	36	EA	\$ 4,700.00	\$ 169,200.00	\$ 4,800.00	\$ 172,800.00
12	Manhole Type SW-303, 48"	1	EA	\$ 4,900.00	\$ 4,900.00	\$ 5,100.00	\$ 5,100.00
13	Connection to Existing Manhole	1	EA	\$ 2,500.00	\$ 2,500.00	\$ 425.00	\$ 425.00
14	Conventional Seeding, Seeding, Fertilizing, and Mulching	21	AC	\$ 1,760.00	\$ 36,960.00	\$ 910.00	\$ 19,110.00
15	Stormwater Pollution Prevention Plan, Preparation	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00	\$ 1,500.00
16	Stormwater Pollution Prevention Plan, Management	1	LS	\$ 500.00	\$ 500.00	\$ 1,000.00	\$ 1,000.00
17	Stormwater Pollution Prevention Plan, Inspection	15	EA	\$ 100.00	\$ 1,500.00	\$ 75.00	\$ 1,125.00
18	Wattles, 9" Diameter, Installation and Removal	3500	LF	\$ 1.98	\$ 6,930.00	\$ 1.85	\$ 6,475.00
19	Stabilized Construction Entrance	300	TON	\$ 20.00	\$ 6,000.00	\$ 17.00	\$ 5,100.00
20	Bank Stabilization	780	SY	\$ 54.00	\$ 42,120.00	\$ 40.00	\$ 31,200.00
21	Field Fence with Gate	3	LS	\$ 605.00	\$ 1,815.00	\$ 600.00	\$ 1,800.00
22	Ballast, 4"	300	TON	\$ 23.00	\$ 6,900.00	\$ 16.00	\$ 4,800.00
23	Engineering Fabric	1000	SY	\$ 2.00	\$ 2,000.00	\$ 2.00	\$ 2,000.00
24	Video Inspection	1	LS	\$ 8,391.60	\$ 8,391.60	\$ 7,000.00	\$ 7,000.00
25	Construction Survey	1	LS	\$ 9,660.00	\$ 9,660.00	\$ 9,660.00	\$ 9,660.00
Total					\$ 1,302,785.85		\$ 1,340,545.00

Mad Creek Sewer Extension Project

Bid Tabulation October 9, 2012

Bid

Item No.	Description	Estimated Qty	Unit	Valley Construction Co		Foley Construction		Brandt Construction Co.	
				Unit Price	Total	Unit Price	Total	Unit Price	Total
1	Mobilization, Traffic Control, and Staging	1	LS	\$ 73,200.00	\$ 73,200.00	\$ 139,996.00	\$ 139,996.00	\$ 66,000.00	\$ 66,000.00
2	Clearing and Grubbing by Lump Sum	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 40,000.00	\$ 40,000.00	\$ 48,500.00	\$ 48,500.00
3	Rock Excavation	310	CY	\$ 50.00	\$ 15,500.00	\$ 70.00	\$ 21,700.00	\$ 55.25	\$ 17,127.50
4	Trench Foundation	480	TON	\$ 17.00	\$ 8,160.00	\$ 17.00	\$ 8,160.00	\$ 30.00	\$ 14,400.00
5	Encased Stream Crossing of Sanitary Sewer, Type 1	270	LF	\$ 100.00	\$ 27,000.00	\$ 150.00	\$ 40,500.00	\$ 275.00	\$ 74,250.00
6	Encased Stream Crossing of Sanitary Sewer, Type 2	135	LF	\$ 180.00	\$ 24,300.00	\$ 150.00	\$ 20,250.00	\$ 355.00	\$ 47,925.00
7	Sanitary Sewer Gravity Main, Trenched, PVC, 15"	11355	LF	\$ 73.00	\$ 828,915.00	\$ 65.00	\$ 738,075.00	\$ 69.00	\$ 783,495.00
8	Sanitary Sewer Gravity Main with Casing Pipe, Trenchless, PVC, 15"	310	LF	\$ 360.00	\$ 111,600.00	\$ 400.00	\$ 124,000.00	\$ 395.00	\$ 122,450.00
9	Removal of Sanitary Sewer, PVC, 8"	85	LF	\$ 8.00	\$ 680.00	\$ 12.00	\$ 1,020.00	\$ 23.50	\$ 1,997.50
10	Pipe Culvert, Trenched, CMP, 36"	50	LF	\$ 80.00	\$ 4,000.00	\$ 65.00	\$ 3,250.00	\$ 78.50	\$ 3,925.00
11	Manhole Type SW-301, 48"	36	EA	\$ 3,600.00	\$ 129,600.00	\$ 4,800.00	\$ 172,800.00	\$ 4,675.00	\$ 168,300.00
12	Manhole Type SW-303, 48"	1	EA	\$ 5,500.00	\$ 5,500.00	\$ 5,000.00	\$ 5,000.00	\$ 4,675.00	\$ 4,675.00
13	Connection to Existing Manhole	1	EA	\$ 4,400.00	\$ 4,400.00	\$ 2,000.00	\$ 2,000.00	\$ 1,850.00	\$ 1,850.00
14	Conventional Seeding, Seeding, Fertilizing, and Mulching	21	AC	\$ 1,500.00	\$ 31,500.00	\$ 500.00	\$ 10,500.00	\$ 1,660.00	\$ 34,860.00
15	Stormwater Pollution Prevention Plan, Preparation	1	LS	\$ 1,500.00	\$ 1,500.00	\$ 500.00	\$ 500.00	\$ 1,660.00	\$ 1,660.00
16	Stormwater Pollution Prevention Plan, Management	1	LS	\$ 2,500.00	\$ 2,500.00	\$ 500.00	\$ 500.00	\$ 3,100.00	\$ 3,100.00
17	Stormwater Pollution Prevention Plan, Inspection	15	EA	\$ 350.00	\$ 5,250.00	\$ 150.00	\$ 2,250.00	\$ 210.00	\$ 3,150.00
18	Wattles, 9" Diameter, Installation and Removal	3500	LF	\$ 2.00	\$ 7,000.00	\$ 1.50	\$ 5,250.00	\$ 1.40	\$ 4,900.00
19	Stabilized Construction Entrance	300	TON	\$ 22.00	\$ 6,600.00	\$ 20.00	\$ 6,000.00	\$ 36.00	\$ 10,800.00
20	Bank Stabilization	780	SY	\$ 48.00	\$ 37,440.00	\$ 40.00	\$ 31,200.00	\$ 79.00	\$ 61,620.00
21	Field Fence with Gate	3	LS	\$ 2,000.00	\$ 6,000.00	\$ 1,000.00	\$ 3,000.00	\$ 2,210.00	\$ 6,630.00
22	Ballast, 4"	300	TON	\$ 20.00	\$ 6,000.00	\$ 16.00	\$ 4,800.00	\$ 26.00	\$ 7,800.00
23	Engineering Fabric	1000	SY	\$ 1.80	\$ 1,800.00	\$ 1.00	\$ 1,000.00	\$ 1.50	\$ 1,500.00
24	Video Inspection	1	LS	\$ 20,000.00	\$ 20,000.00	\$ 4,700.00	\$ 4,700.00	\$ 9,300.00	\$ 9,300.00
25	Construction Survey	1	LS	\$ 9,660.00	\$ 9,660.00	\$ 9,660.00	\$ 9,660.00	\$ 9,660.00	\$ 9,660.00
Total					\$ 1,388,105.00		\$ 1,396,111.00		\$ 1,509,875.00