

52

DATE April 8, 2019

HEARING ON E. 1ST AND MARKET STREET STORM WATER PUMP STATION;  
REJECT ALL BIDS ON E. 1ST AND MARKET STREET STORM WATER PUMP STATION  
AND TO CLOSE THE HEARING ON THE PLANS, SPECIFICATIONS, FORM  
OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE

WHEREAS, on February 11, 2019, under Roll Call No. 19-0184, 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:

E. 1st and Market Street Storm Water Pump Station, 08-2017-005

The improvement includes construction of a two pump storm water pump station including the installation of pumps, mechanical bar screens, electrical and controls building, architectural features such as perforated stainless steel metal panels, channel glass, board formed cast-in-place concrete, lighting, standby power generator, Reinforced Concrete Pipe (RCP) storm sewer sizes 15-inches and 60-inches, Ductile Iron (DI) 12-inch water main, cast-in-place manholes, Portland Cement Concrete (PCC) pavement, PCC curb and gutter, landscaping, erosion control, restoration and miscellaneous associated work including cleanup and other incidental items; all in accordance with the contract documents, including Plans File Nos. 596-179/230, located near E. 1st Street and Market Street, along the east bank levee of the Des Moines River in downtown 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; and

WHEREAS, the Des Moines City Engineer, as the Engineer, recommends rejection of all bids because there was only one bid received, which was submitted by Woodruff Construction, LLC, Donald A. Woodruff, President, 1890 Kountry Lane, Fort Dodge, IA, 50501, in an amount of \$9,418,197.20. This bid was 42.7% over the project construction estimate of \$6,600,000. Engineering staff and the design consultant discussed with the lone bidder the reason the bid greatly exceeded the estimate. It was determined there is an alternate de-watering method, and other potential alternate design approaches that could be implemented which are expected to result in a substantially reduced cost. The design consultant also underestimated the cost and the risk of the contaminated soil in the area. Other contractors who had taken out plans but did not submit bids were also contacted. In general, they indicated they believed constructability issues relating to the dewatering constraints and mitigation of the contaminated soil were of such significance that they elected not to submit a bid. As a result, an alternate design will be pursued. Therefore, the Des Moines City Engineer recommends rebidding the redesigned project in the near future when an alternate design and plans are completed.

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 and is hereby **CLOSED**.

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

Woodruff Construction, LLC

Fort Dodge, IA

★ **Roll Call Number**

Agenda Item Number

52

DATE April 8, 2019

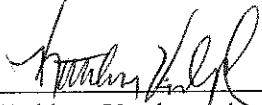
which were received and opened at a public meeting presided over by the Engineer in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa at 11:00 a.m. on March 12, 2019. Said bids and the attached tabulation of bids for said improvement be and are hereby received and filed.

BE IT FURTHER RESOLVED: That all bids for said improvement, be and the same are hereby rejected because there was only one bid received, which was submitted by Woodruff Construction, LLC, Donald A. Woodruff, President, 1890 Kountry Lane, Fort Dodge, IA, 50501, in an amount of \$9,418,197.20. This bid was 42.7% over the project construction estimate of \$6,600,000. Engineering staff and the design consultant discussed with the lone bidder the reason the bid greatly exceeded the estimate. It was determined there is an alternate de-watering method, and other potential alternate design approaches that could be implemented which are expected to result in a substantially reduced cost. The design consultant also underestimated the cost and the risk of the contaminated soil in the area. Other contractors who had taken out plans but did not submit bids were also contacted. In general, they indicated they believed constructability issues relating to the dewatering constraints and mitigation of the contaminated soil were of such significance that they elected not to submit a bid. As a result, an alternate design will be pursued. Therefore, the Des Moines City Engineer recommends rebidding the redesigned project in the near future when an alternate design and plans are completed.

(City Council Communication Number 19-156 attached)

Moved by \_\_\_\_\_ to adopt.

FORM APPROVED

  
 Kathleen Vanderpool  
 Deputy City Attorney

**SLN** Funding Source: 2019-2020 CIP, Page Storm – 6, Flood Mitigation Improvements, SM087, Storm Water Utility Funds

| COUNCIL ACTION | YEAS | NAYS | PASS | ABSENT |
|----------------|------|------|------|--------|
| COWNIE         |      |      |      |        |
| BOESEN         |      |      |      |        |
| COLEMAN        |      |      |      |        |
| GATTO          |      |      |      |        |
| GRAY           |      |      |      |        |
| MANDELBAUM     |      |      |      |        |
| WESTERGAARD    |      |      |      |        |
| TOTAL          |      |      |      |        |

MOTION CARRIED APPROVED

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.

\_\_\_\_\_  
 Mayor

\_\_\_\_\_  
 City Clerk

TABULATED BY: M. Rademacher  
CHECKED BY: *M. Rademacher*

APPROVED BY: *M. Rademacher*

CONTRACTOR'S BID TABULATION  
PROJECT: E. 1ST AND MARKET STREET STORM WATER PUMP STATION

ESTIMATE

WOODRUFF CONSTRUCTION, LLC  
FORT DODGE, IA

BID SECURITY  
10% BID BOND

BID PRICE

| ITEM                                | DESCRIPTION   | QUANTITY | UNIT PRICE     | AMOUNT         | UNIT PRICE     | AMOUNT         |
|-------------------------------------|---|----------|----------------|----------------|----------------|----------------|
| 0001                                | MOBILIZATION  | 1 LS     | \$395,746.88   | \$395,746.88   | \$226,953.00   | \$226,953.00   |
| 0002                                | CONSTRUCTION SURVEY   | 1 LS     | \$20,000.00    | \$20,000.00    | \$19,526.00    | \$19,526.00    |
| 0003                                | TRAFFIC CONTROL   | 1 LS     | \$21,135.00    | \$21,135.00    | \$24,924.00    | \$24,924.00    |
| 0004                                | DEMOLITION  | 1 LS     | \$140,000.00   | \$140,000.00   | \$115,080.00   | \$115,080.00   |
| 0005                                | STORMWATER PUMPING STATION - ARCHITECTURAL/STRUCTURAL         | 1 LS     | \$4,126,532.00 | \$4,126,532.00 | \$4,126,532.00 | \$4,126,532.00 |
| 0006                                | STORMWATER PUMPING STATION - PROCESS                          | 1 LS     | \$1,155,000.00 | \$1,155,000.00 | \$1,240,000.00 | \$1,240,000.00 |
| 0007                                | STORMWATER PUMPING STATION - ELECTRICAL/CONTROLS              | 1 LS     | \$90,000.00    | \$90,000.00    | \$90,000.00    | \$90,000.00    |
| 0008                                | GATEWELL 591 IMPROVEMENTS                                     | 1 LS     | \$80,000.00    | \$80,000.00    | \$151,481.00   | \$151,481.00   |
| 0009                                | CUTFALL PIPE STOP ISOLATION STRUCTURE                         | 1 LS     | \$80,000.00    | \$80,000.00    | \$38,207.00    | \$38,207.00    |
| 0010                                | TOPSOIL, ON-SITE, STRIP, SALVAGE & SPREAD                     | 614 CY   | \$15.00        | \$9,210.00     | \$14,736.00    | \$14,736.00    |
| 0011                                | HAULING AND DISPOSAL OF CONTAMINATED SOILS                    | 4028 TON | \$61.00        | \$246,768.00   | \$246,768.00   | \$246,768.00   |
| 0012                                | HAULING AND DISPOSAL OF DNAPL FREE PRODUCT                    | 10 TRIP  | \$2,500.00     | \$25,000.00    | \$15,033.00    | \$15,033.00    |
| 0013                                | EXCAVATION & GRADING, CLASS 10                                | 845 CY   | \$50.00        | \$42,250.00    | \$21.00        | \$17,745.00    |
| 0014                                | SUBGRADE PREPARATION  | 569 SY   | \$5.00         | \$2,845.00     | \$3,983.00     | \$3,983.00     |
| 0015                                | MODIFIED SUBBASE, 6" DEPTH                                    | 477 SY   | \$11.82        | \$5,638.14     | \$7.00         | \$3,339.00     |
| 0016                                | STORM SEWER, TRENCHED, CLASS III RCP, 15-INCH                 | 111 LF   | \$110.00       | \$12,210.00    | \$18.00        | \$2,000.00     |
| 0017                                | STORM SEWER, TRENCHED, CLASS III RCP, 60-INCH                 | 34 LF    | \$750.00       | \$25,500.00    | \$128.00       | \$4,352.00     |
| 0018                                | STORM SEWER, TRENCHED, CLASS IV RCP, 60-INCH                  | 82 LF    | \$865.00       | \$70,970.00    | \$4,138.00     | \$4,138.00     |
| 0019                                | REMOVAL OF STORM SEWER, RCP, 15-INCH                          | 153 LF   | \$5.00         | \$765.00       | \$101.00       | \$15,453.00    |
| 0020                                | STORM SEWER ABANDONMENT, FILL AND PLUG, 48" DIAMETER          | 153 LF   | \$150.00       | \$22,950.00    | \$4,131.00     | \$4,131.00     |
| 0021                                | WATER MAIN, TRENCHED, DUCTILE IRON, 12" DIAMETER              | 185 LF   | \$110.00       | \$20,350.00    | \$27.00        | \$5,000.00     |
| 0022                                | FITTING, DUCTILE IRON, MECHANICAL JOINT, 12"x12" TEE          | 1 EA     | \$2,000.00     | \$2,000.00     | \$1,685.00     | \$1,685.00     |
| 0023                                | FITTING, DUCTILE IRON, MECHANICAL JOINT, 12" 90 DEGREE BEND   | 1 EA     | \$1,500.00     | \$1,500.00     | \$1,467.00     | \$1,467.00     |
| 0024                                | FITTING, DUCTILE IRON, MECHANICAL JOINT, 16" CAP              | 1 EA     | \$2,800.00     | \$2,800.00     | \$1,395.00     | \$1,395.00     |
| 0025                                | FITTING, DUCTILE IRON, 12" PIPE ISOLATION COUPLING            | 2 EA     | \$1,000.00     | \$2,000.00     | \$9,218.00     | \$9,218.00     |
| 0026                                | FIRE HYDRANT ASSEMBLY   | 1 EA     | \$6,000.00     | \$6,000.00     | \$6,046.00     | \$6,046.00     |
| 0027                                | PREPARE EXCAVATION FOR TAPPING SLEEVE AND VALVE               | 1 EA     | \$4,000.00     | \$4,000.00     | \$8,337.00     | \$8,337.00     |
| 0028                                | TEMPORARY 12" CAP AND 2" BLOW OFF                             | 2 EA     | \$2,500.00     | \$5,000.00     | \$2,326.00     | \$4,652.00     |
| 0029                                | 32-LB MAGNESIUM ANODE   | 4 EA     | \$200.00       | \$800.00       | \$1,008.00     | \$4,032.00     |
| 0030                                | CATHODIC PROTECTION TEST STATION                              | 1 EA     | \$500.00       | \$500.00       | \$1,831.00     | \$1,831.00     |
| 0031                                | REMOVAL OF WATER MAIN, CAST IRON, 12" DIAMETER                | 175 LF   | \$5.00         | \$875.00       | \$73.00        | \$12,775.00    |
| 0032                                | SPECIAL STRUCTURE 2501  | 1 EA     | \$100,000.00   | \$100,000.00   | \$308,429.00   | \$308,429.00   |
| 0033                                | SPECIAL STRUCTURE 2502  | 1 EA     | \$89,000.00    | \$89,000.00    | \$303,475.00   | \$303,475.00   |
| 0034                                | SPECIAL STRUCTURE 2503  | 1 EA     | \$100,000.00   | \$100,000.00   | \$412,595.00   | \$412,595.00   |
| 0035                                | MANHOLE OR INTAKE ADJUSTMENT, MINOR                           | 4 EA     | \$4,800.00     | \$19,200.00    | \$9,064.00     | \$9,064.00     |
| 0036                                | CONNECTION TO EXISTING MANHOLE                                | 1 EA     | \$5,000.00     | \$5,000.00     | \$6,352.00     | \$6,352.00     |
| 0037                                | PAVEMENT, PCC, 8" THICKNESS                                   | 477 SY   | \$100.00       | \$47,700.00    | \$69.00        | \$47,223.00    |
| 0038                                | CURB AND GUTTER, 18" WIDTH, 8" THICKNESS                      | 24 LF    | \$40.00        | \$960.00       | \$114.00       | \$2,736.00     |
| 0039                                | REMOVAL OF SHARED USE PATH, HMA                               | 214 SY   | \$11.00        | \$2,354.00     | \$17.00        | \$3,638.00     |
| 0040                                | REMOVAL OF DRIVEWAY, PCC                                      | 67 SY    | \$11.00        | \$737.00       | \$17.00        | \$1,139.00     |
| 0041                                | SHARED USE PATH, PCC, 8" THICKNESS                            | 285 SY   | \$75.00        | \$21,375.00    | \$73.00        | \$20,805.00    |
| 0042                                | SIDEWALK, PCC, 4"   | 31 SY    | \$60.00        | \$1,860.00     | \$141.00       | \$4,371.00     |
| 0043                                | DRIVEWAY, PAVED, PCC, 8"                                      | 323 SY   | \$80.00        | \$25,840.00    | \$100.00       | \$32,300.00    |
| 0044                                | FULL DEPTH PATCHES, PCC                                       | 92 SY    | \$100.00       | \$9,200.00     | \$98.00        | \$9,016.00     |
| 0045                                | PAVEMENT REMOVAL, PCC   | 477 SY   | \$10.00        | \$4,770.00     | \$17.00        | \$8,109.00     |
| 0046                                | CURB & GUTTER REMOVAL   | 24 LF    | \$240.00       | \$5,760.00     | \$48.00        | \$1,152.00     |
| 0047                                | HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING, TYPE 4 | 1.1 ACRE | \$2,000.00     | \$2,200.00     | \$2,523.50     | \$2,523.50     |
| 0048                                | HYDRAULIC SEEDING, SEEDING, FERTILIZING, AND MULCHING, LEVEE  | 1.1 ACRE | \$4,000.00     | \$4,400.00     | \$3,697.00     | \$4,096.70     |
| 0049                                | PLANTS WITH WARRANTY  | 1 LS     | \$8,000.00     | \$8,000.00     | \$7,513.00     | \$7,513.00     |
| 0050                                | SWPPP PREPARATION AND MANAGEMENT                              | 1 LS     | \$7,500.00     | \$7,500.00     | \$8,407.00     | \$8,407.00     |
| 0051                                | STABILIZED CONSTRUCTION ENTRANCE                              | 1 LS     | \$2,500.00     | \$2,500.00     | \$5,963.00     | \$5,963.00     |
| 0052                                | SILT FENCE, INSTALLATION AND REMOVAL                          | 750 LF   | \$2.00         | \$1,500.00     | \$4.00         | \$3,000.00     |
| 0053                                | FILTER SOCK, INSTALLATION AND REMOVAL                         | 2000 SY  | \$2.00         | \$4,000.00     | \$3.00         | \$2,550.00     |
| 0054                                | TEMPORARY ROLLED EROSION CONTROL PRODUCT, TYPE 3              | 4 EA     | \$200.00       | \$800.00       | \$179.00       | \$716.00       |
| 0055                                | TEMPORARY SAFETY FENCE  | 240 LF   | \$2.50         | \$600.00       | \$5.00         | \$1,200.00     |
| 0056                                | CONCRETE WASHOUT  | 1 LS     | \$8,000.00     | \$8,000.00     | \$5,199.00     | \$5,199.00     |
| 0057                                | WEST RETAINING WALL   | 720 SF   | \$40.00        | \$28,800.00    | \$98.00        | \$70,560.00    |
| 0058                                | NORTH FLOODWALL   | 341 SF   | \$150.00       | \$51,150.00    | \$116.00       | \$39,556.00    |
| 0059                                | SOUTH FLOODWALL   | 197 SF   | \$150.00       | \$29,550.00    | \$120.00       | \$23,640.00    |
| 0061                                | BOLLARDS  | 13 EA    | \$1,000.00     | \$13,000.00    | \$896.00       | \$11,648.00    |
|                                     |   |          |                | \$6,600,000.00 |                | \$9,418,187.20 |
| TOTAL CONSTRUCTION COST             |   |          |                |                |                |                |
| PERCENT OF ENGINEER'S ESTIMATE      |   |          |                |                |                | +42.70%        |
| STAFF RECOMMENDS TO REJECT ALL BIDS |   |          |                |                |                | Low            |

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