

DATE December 17, 2018

PUBLIC HEARING, APPROVING PLANS, SPECIFICATIONS, FORM OF CONTRACT DOCUMENTS, AND ENGINEER'S ESTIMATE ON EASTER LAKE SOUTH WATERSHED POND DREDGING AND IMPROVEMENTS; RECEIVE AND FILE BIDS; AND DESIGNATION OF LOWEST RESPONSIVE, RESPONSIBLE BIDDER AS ELDER CORPORATION, JARED R. ELDER II, PRESIDENT, \$1,827,200.00

WHEREAS, on November 19, 2018, under Roll Call No. 18-1891, 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:

Easter Lake South Watershed Pond Dredging and Improvements, 08-2018-009  
18CRDLWBMBALM

The improvement includes dewatering and dredging of multiple basins, Class 10 excavation, clearing and grubbing, Hot Mix Asphalt (HMA) trail paving, revetment, surface restoration, traffic control, and other incidental items; all work in accordance with the contract documents including Plan File Nos. 599-144/177, located near Three Lakes Estates by S.E. 30th Street along E. Army Post Road, 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:

- |                               |                |
|-------------------------------|----------------|
| Elder Corporation             | Des Moines, IA |
| Hometown Plumbing and Heating | Davenport, 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 December 4, 2018. 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 Elder Corporation, Jared R. Elder II, President, 5088 E. University Avenue, Des Moines, IA, 50327 in the amount of \$1,827,200.00, and said bid be and the same is hereby accepted.

★ **Roll Call Number**

**Agenda Item Number**

61

DATE December 17, 2018

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

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.

BE IT FURTHER RESOLVED: That the City Council hereby authorizes the necessary road closures for the Project.

(City Council Communication Number 18-672 attached.)

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

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool by AD  
Kathleen Vanderpool  
Deputy City Attorney

Robert L. Fagen  
Robert L. Fagen  
Des Moines Finance Director

**SLN** Funding Source: 2018-2019 CIP, Page Storm – 7, Easter Lake Watershed Improvements, SM061, Being: Anticipated \$425,000 in Iowa DNR Lake Restoration Funds for detention basin dredging, pending IDNR Agreement, and the remaining \$1,402,200 in Storm Water Utility Funds

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

DEPARTMENT OF ENGINEERING  
CITY OF DES MOINES, IOWA

Activity ID 08-2018-009

TABULATED BY: B. Ryberg  
CHECKED BY: *Alanna Vaughan*

APPROVED BY: *R. De Groot*

BID DATE: 12/04/18

CONTRACTOR'S BID TABULATION

PROJECT: EASTER LAKE SOUTH WATERSHED POND DREDGING AND IMPROVEMENTS

-----ESTIMATE-----

Elder Corporation  
Des Moines, IA  
CONTRACTOR

Hometown Plumbing & Heating  
Davenport, IA  
CONTRACTOR

10% Bid Bond  
BID SECURITY

10% Bid Bond  
BID SECURITY

BID PRICE

BID PRICE

| ITEM                         | DESCRIPTION                                                                  | QUANTITY    | UNIT        |                | UNIT         |                | UNIT         |                |
|------------------------------|------------------------------------------------------------------------------|-------------|-------------|----------------|--------------|----------------|--------------|----------------|
|                              |                                                                              |             | PRICE       | AMOUNT         | PRICE        | AMOUNT         | PRICE        | AMOUNT         |
| 1                            | CLEARING AND GRUBBING                                                        | 3.00 ACRE   | \$2,200.00  | \$6,600.00     | \$11,000.00  | \$33,000.00    | \$4,000.00   | \$12,000.00    |
| 2                            | CLASS 10 EXCAVATION/DREDGING AND HAULING, BASIN 1                            | 2760.00 CY  | \$10.00     | \$27,600.00    | \$13.00      | \$35,880.00    | \$7.35       | \$20,286.00    |
| 3                            | CLASS 10 EXCAVATION/DREDGING AND HAULING, BASIN 3                            | 23670.00 CY | \$8.00      | \$189,360.00   | \$8.00       | \$189,360.00   | \$14.70      | \$347,949.00   |
| 4                            | CLASS 10 EXCAVATION/DREDGING AND HAULING, BASIN 4                            | 27370.00 CY | \$8.00      | \$218,960.00   | \$5.00       | \$136,850.00   | \$10.50      | \$287,385.00   |
| 5                            | CLASS 10 EXCAVATION/DREDGING AND HAULING, BASIN 5                            | 23270.00 CY | \$8.00      | \$186,160.00   | \$10.00      | \$232,700.00   | \$14.70      | \$342,069.00   |
| 6                            | CLASS 10 EXCAVATION/DREDGING AND HAULING, BASIN 9                            | 9370.00 CY  | \$10.00     | \$93,700.00    | \$19.00      | \$178,030.00   | \$9.45       | \$88,546.50    |
| 7                            | CLASS 10 EXCAVATION, SEDIMENT FOREBAY BERM CONSTRUCTION                      | 2780.00 CY  | \$14.00     | \$38,920.00    | \$5.00       | \$13,900.00    | \$9.50       | \$26,410.00    |
| 8                            | CLASS 10 EXCAVATION, DISPOSAL SITE BERM CONSTRUCTION                         | 715.00 CY   | \$14.00     | \$10,010.00    | \$5.00       | \$3,575.00     | \$9.50       | \$6,792.50     |
| 9                            | STORM SEWER, GRAVITY TRENCHED CMP, 18 IN., 16 GA                             | 45.00 LF    | \$38.00     | \$1,710.00     | \$90.00      | \$4,050.00     | \$68.50      | \$3,082.50     |
| 10                           | REMOVAL OF ABANDONED STORM SEWER                                             | 150.00 LF   | \$26.00     | \$3,900.00     | \$60.00      | \$9,000.00     | \$21.00      | \$3,150.00     |
| 11                           | TEMPORARY RCP CULVERT, 15 IN. MIN.                                           | 30.00 LF    | \$33.00     | \$990.00       | \$300.00     | \$9,000.00     | \$68.25      | \$2,047.50     |
| 12                           | SUBDRAIN, PERFORATED CORRUGATED PE, AASHTO M 252, TYPE CP, 4 IN              | 1700.00 LF  | \$12.00     | \$20,400.00    | \$17.00      | \$28,900.00    | \$21.50      | \$36,550.00    |
| 13                           | SUBDRAIN, CORRUGATED PE, AASHTO M 252, TYPE CP, 4 IN                         | 45.00 LF    | \$12.00     | \$540.00       | \$23.00      | \$1,035.00     | \$21.00      | \$945.00       |
| 14                           | HMA, LOW TRAFFIC SURFACE AND BASE 1/2", 58-28S                               | 1300.00 TON | \$125.00    | \$162,500.00   | \$130.00     | \$169,000.00   | \$145.00     | \$188,500.00   |
| 15                           | REMOVAL, SHARED USE PATH                                                     | 4780.00 SY  | \$15.00     | \$71,700.00    | \$4.00       | \$19,120.00    | \$9.50       | \$45,410.00    |
| 16                           | CONVENTIONAL SEEDING, TYPE 1 (PERMANENT LAWN MIX)                            | 1.00 ACRE   | \$1,400.00  | \$1,400.00     | \$1,800.00   | \$1,800.00     | \$4,200.00   | \$4,200.00     |
| 17                           | CONVENTIONAL SEEDING, TYPE 5 (RURAL TEMP. EROSION CONTROL MIX)               | 20.00 ACRE  | \$1,200.00  | \$24,000.00    | \$600.00     | \$12,000.00    | \$1,050.00   | \$21,000.00    |
| 18                           | CONVENTIONAL SEEDING, ALFALFA MIX                                            | 2.00 ACRE   | \$1,700.00  | \$3,400.00     | \$1,500.00   | \$3,000.00     | \$2,200.00   | \$4,400.00     |
| 19                           | STORMWATER POLLUTION PREVENTION PLAN (SWPPP)                                 | 1.00 LS     | \$10,000.00 | \$10,000.00    | \$7,400.00   | \$7,400.00     | \$15,000.00  | \$15,000.00    |
| 20                           | ROCK CHECK DAM                                                               | 62.00 TON   | \$50.00     | \$3,100.00     | \$50.00      | \$3,100.00     | \$79.00      | \$4,998.00     |
| 21                           | RIP RAP, CLASS A REVETMENT                                                   | 1770.00 TON | \$65.00     | \$115,050.00   | \$70.00      | \$123,900.00   | \$79.00      | \$139,830.00   |
| 22                           | SILT FENCE                                                                   | 930.00 LF   | \$3.00      | \$2,790.00     | \$2.00       | \$1,860.00     | \$3.50       | \$3,255.00     |
| 23                           | SILT FENCE REMOVAL                                                           | 930.00 LF   | \$0.50      | \$465.00       | \$1.00       | \$930.00       | \$3.50       | \$3,255.00     |
| 24                           | STABILIZED CONSTRUCTION ENTRANCE                                             | 205.00 TON  | \$35.00     | \$7,175.00     | \$40.00      | \$8,200.00     | \$79.50      | \$16,297.50    |
| 25                           | TURF REINFORCEMENT MATS (TRM), TYPE 2                                        | 800.00 SQ   | \$67.00     | \$53,600.00    | \$50.00      | \$40,000.00    | \$55.00      | \$44,000.00    |
| 26                           | CONSTRUCTION SURVEY                                                          | 1.00 LS     | \$18,000.00 | \$18,000.00    | \$25,000.00  | \$25,000.00    | \$35,000.00  | \$35,000.00    |
| 27                           | MOBILIZATION                                                                 | 1.00 LS     | \$59,270.00 | \$59,270.00    | \$94,909.00  | \$94,909.00    | \$139,500.00 | \$139,500.00   |
| 28                           | INLET WATER CONTROL STRUCTURE, 24 IN. W x 14 IN. D x 6 FT. H                 | 1.00 EACH   | \$3,600.00  | \$3,600.00     | \$2,300.00   | \$2,300.00     | \$2,000.00   | \$2,000.00     |
| 29                           | CONSTRUCTION FENCING                                                         | 7510.00 LF  | \$3.00      | \$22,530.00    | \$8.00       | \$60,080.00    | \$4.50       | \$33,795.00    |
| 30                           | BASIN DEWATERING                                                             | 1.00 LS     | \$45,000.00 | \$45,000.00    | \$147,000.00 | \$147,000.00   | \$44,500.00  | \$44,500.00    |
| 31                           | GRANULAR SURFACING, CLASS A CRUSHED STONE                                    | 149.00 TON  | \$30.00     | \$4,470.00     | \$29.00      | \$4,321.00     | \$53.00      | \$9,387.00     |
| 32                           | TYPE A SIGN, SHEET ALUM.                                                     | 12.00 SF    | \$75.00     | \$900.00       | \$40.00      | \$480.00       | \$210.00     | \$2,520.00     |
| 33                           | SIGN MOUNTING POSTS                                                          | 2.00 EACH   | \$800.00    | \$1,600.00     | \$180.00     | \$320.00       | \$550.00     | \$1,100.00     |
| 34                           | SEDIMENT DEPTH MARKER                                                        | 3.00 EACH   | \$1,200.00  | \$3,600.00     | \$900.00     | \$2,700.00     | \$350.00     | \$1,050.00     |
| 35                           | TRAFFIC CONTROL                                                              | 1.00 LS     | \$20,000.00 | \$20,000.00    | \$6,300.00   | \$6,300.00     | \$16,500.00  | \$16,500.00    |
| TOTAL BASE BID               |                                                                              |             |             | \$1,433,000.00 |              | \$1,609,000.00 |              | \$1,952,610.50 |
| <b>ADD ALTERNATE BASIN 8</b> |                                                                              |             |             |                |              |                |              |                |
| 36                           | BASIN 8 ALT., CLEARING AND GRUBBING                                          | 0.10 ACRE   | \$2,200.00  | \$220.00       | \$18,000.00  | \$1,800.00     | \$3,150.00   | \$315.00       |
| 37                           | BASIN 8 ALT., CLASS 10 EXCAVATION/DREDGING AND HAULING                       | 9100.00 CY  | \$10.00     | \$91,000.00    | \$11.00      | \$100,100.00   | \$12.00      | \$109,200.00   |
| 38                           | BASIN 8 ALT., CONVENTIONAL SEEDING, TYPE 5 (RURAL TEMP. EROSION CONTROL MIX) | 1.30 ACRE   | \$1,200.00  | \$1,560.00     | \$600.00     | \$780.00       | \$1,800.00   | \$2,340.00     |
| 39                           | BASIN 8 ALT., STORMWATER POLLUTION PREVENTION PLAN (SWPPP)                   | 1.00 LS     | \$900.00    | \$900.00       | \$2,100.00   | \$2,100.00     | \$3,500.00   | \$3,500.00     |
| 40                           | BASIN 8 ALT., RIP RAP, CLASS A REVETMENT                                     | 40.00 TON   | \$65.00     | \$2,600.00     | \$80.00      | \$3,200.00     | \$79.00      | \$3,160.00     |
| 41                           | BASIN 8 ALT., SILT FENCE                                                     | 80.00 LF    | \$3.00      | \$240.00       | \$4.00       | \$320.00       | \$3.50       | \$280.00       |
| 42                           | BASIN 8 ALT., SILT FENCE REMOVAL                                             | 80.00 LF    | \$0.50      | \$40.00        | \$2.00       | \$160.00       | \$3.50       | \$280.00       |
| 43                           | BASIN 8 ALT., STABILIZED CONSTRUCTION ENTRANCE                               | 41.00 TON   | \$35.00     | \$1,435.00     | \$40.00      | \$1,640.00     | \$79.50      | \$3,259.50     |
| 44                           | BASIN 8 ALT., TURF REINFORCEMENT MATS (TRM), TYPE 2                          | 75.00 SQ    | \$67.00     | \$5,025.00     | \$50.00      | \$3,750.00     | \$49.00      | \$3,675.00     |
| 45                           | BASIN 8 ALT., CONSTRUCTION SURVEY                                            | 1.00 LS     | \$2,200.00  | \$2,200.00     | \$1,600.00   | \$1,600.00     | \$4,500.00   | \$4,500.00     |
| 46                           | BASIN 8 ALT., MOBILIZATION                                                   | 1.00 LS     | \$5,780.00  | \$5,780.00     | \$1,550.00   | \$1,550.00     | \$12,500.00  | \$12,500.00    |
| 47                           | BASIN 8 ALT., DEWATERING                                                     | 1.00 LS     | \$9,000.00  | \$9,000.00     | \$2,700.00   | \$2,700.00     | \$9,500.00   | \$9,500.00     |
| 48                           | BASIN 8 ALT., TRAFFIC CONTROL                                                | 1.00 LS     | \$2,000.00  | \$2,000.00     | \$1,300.00   | \$1,300.00     | \$3,000.00   | \$3,000.00     |
| TOTAL ADD ALTERNATE BASIN 8  |                                                                              |             |             | \$122,000.00   |              | \$121,000.00   |              | \$155,509.50   |

61

| ADD ALTERNATE BASIN 10             |                                                                               |         |      |            |                |             |                |             |                |
|------------------------------------|-------------------------------------------------------------------------------|---------|------|------------|----------------|-------------|----------------|-------------|----------------|
| 49                                 | BASIN 10 ALT., CLASS 10 EXCAVATION/DREDGING AND HAULING                       | 6480.00 | CY   | \$13.00    | \$84,240.00    | \$11.00     | \$71,280.00    | \$13.00     | \$84,240.00    |
| 50                                 | BASIN 10 ALT., CONVENTIONAL SEEDING, TYPE 5 (RURAL TEMP. EROSION CONTROL MIX) | 1.20    | ACRE | \$1,200.00 | \$1,440.00     | \$600.00    | \$720.00       | \$1,800.00  | \$2,160.00     |
| 51                                 | BASIN 10 ALT., STORMWATER POLLUTION PREVENTION PLAN (SWPPP)                   | 1.00    | LS   | \$900.00   | \$900.00       | \$2,100.00  | \$2,100.00     | \$3,500.00  | \$3,500.00     |
| 52                                 | BASIN 10 ALT., RIP RAP, CLASS A REVETMENT                                     | 4.00    | TON  | \$65.00    | \$260.00       | \$120.00    | \$480.00       | \$79.00     | \$316.00       |
| 53                                 | BASIN 10 ALT., SILT FENCE                                                     | 110.00  | LF   | \$3.00     | \$330.00       | \$4.00      | \$440.00       | \$3.50      | \$385.00       |
| 54                                 | BASIN 10 ALT., SILT FENCE REMOVAL                                             | 110.00  | LF   | \$0.50     | \$55.00        | \$2.00      | \$220.00       | \$3.50      | \$385.00       |
| 55                                 | BASIN 10 ALT., STABILIZED CONSTRUCTION ENTRANCE                               | 41.00   | TON  | \$35.00    | \$1,435.00     | \$40.00     | \$1,640.00     | \$79.50     | \$3,259.50     |
| 56                                 | BASIN 10 ALT., TURF REINFORCEMENT MATS (TRM), TYPE 2                          | 55.00   | SQ   | \$67.00    | \$3,685.00     | \$50.00     | \$2,750.00     | \$49.00     | \$2,695.00     |
| 57                                 | BASIN 10 ALT., CONSTRUCTION SURVEY                                            | 1.00    | LS   | \$2,200.00 | \$2,200.00     | \$1,600.00  | \$1,600.00     | \$4,500.00  | \$4,500.00     |
| 58                                 | BASIN 10 ALT., MOBILIZATION                                                   | 1.00    | LS   | \$5,455.00 | \$5,455.00     | \$1,670.00  | \$1,670.00     | \$12,000.00 | \$12,000.00    |
| 59                                 | BASIN 10 ALT., DEWATERING                                                     | 1.00    | LS   | \$9,000.00 | \$9,000.00     | \$13,000.00 | \$13,000.00    | \$10,500.00 | \$10,500.00    |
| 60                                 | BASIN 10 ALT., TRAFFIC CONTROL                                                | 1.00    | LS   | \$2,000.00 | \$2,000.00     | \$1,300.00  | \$1,300.00     | \$3,000.00  | \$3,000.00     |
| TOTAL ADD ALTERNATE BASIN 10       |                                                                               |         |      |            | \$111,000.00   |             | \$97,200.00    |             | \$126,940.50   |
| TOTAL BASE BID PLUS ADD-ALTERNATES |                                                                               |         |      |            | \$1,666,000.00 |             | \$1,827,200.00 |             | \$2,235,060.50 |
| PERCENT OF ENGINEER'S ESTIMATE     |                                                                               |         |      |            |                |             | +9.68%         |             | +34.16%        |

Staff Recommends acceptance of Base Bid, Add Alternate Basin 8 and Add Alternate Basin 10

61