



Date November 06, 2023

**ORDERING CONSTRUCTION OF
2024 SEWER REPAIR CONTRACT 1
AND FIXING A DATE FOR RECEIVING OF BIDS ON NOVEMBER 28, 2023
AND PUBLIC HEARING ON JANUARY 8, 2024
ENGINEER'S ESTIMATE IS \$725,000**

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF DES MOINES, IOWA: That the attached communication recommending construction of the following improvement and the method of financing; and also including the recommendation of the Des Moines City Engineer, as the Engineer, submitting plans, specifications, form of contract documents, and Engineer's estimate of cost for the construction of the following improvement:

2024 Sewer Repair Contract 1, Activity ID 082022003

The improvement includes the construction of storm sewer, manholes, intakes, Portland Cement Concrete (PCC) pavement, Hot Mix Asphalt (HMA) pavement, earthwork and grading, rip rap, erosion control, fencing, seeding, sodding, and other incidental items, all in accordance with the contract documents, including Plan File No. 658-377/423 at the following locations: 6000 Block of Waterbury Circle, Southern Hills Drive between Park Avenue and Sioux Run, 3308 Lincoln Avenue, 3123 Jefferson Avenue, 2907 Douglas Avenue, 5315 Welker Avenue, 101 Locust Street, and other locations directed by the Engineer in Des Moines, Iowa

be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$725,000. The proposed plans, specifications, and form of contract documents are available for public inspection in the Des Moines City Engineer's Office.

BE IT FURTHER RESOLVED: That this Council hereby determines that it is necessary and advisable to construct said improvement in the manner set forth in the plans, specifications, and form of contract documents submitted by the Engineer; and that payment for the cost of said improvement shall be paid from the funding source identified below.

BE IT FURTHER RESOLVED: That a public hearing on said plans, specifications, form of contract documents, and Engineer's estimate of construction cost for said improvement be held in the City Council Chambers, 2nd Floor, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 5:00 p.m. on January 8, 2024, at which time this Council will consider any objections offered thereto or to the making of said improvement.

BE IT FURTHER RESOLVED: That proposals will be received by the City of Des Moines, at the office of the Des Moines City Clerk until 11:00 a.m. on November 28, 2023, for the construction of said improvement, and the taking of bids in the manner required by law. Proposals received will be 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 November 28, 2023, after which the bids



Roll Call Number

Agenda Item Number

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Date November 06, 2023

together with a bid tabulation and recommendation of the Engineer will be presented to the City Council at its next meeting for action thereon.

BE IT FURTHER RESOLVED: That an appropriate Notice to Bidders for said improvement be posted, and Notice of Public Hearing for said improvement be published in the Des Moines Register, all as provided and directed by Chapter 26 and/or 314, Code of Iowa.

(Council Communication No. 23-498)

Moved by _____ to adopt. Second by _____

FORM APPROVED:

FUNDS AVAILABLE:

s/Kathleen Vanderpool

s/Nickolas J. Schaul

Kathleen Vanderpool
Deputy City Attorney

Nickolas J. Schaul
Director of Finance



Funding Source: 2023-24 CIP, Page 101, City-wide Storm Water Utility Projects, SM057, Storm Water Utility Funds

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

CERTIFICATE

I, Laura Baumgartner, City Clerk of said City hereby certify that at a meeting of the City Council of said City of Des Moines, 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.

MOTION CARRIED APPROVED

Mayor

City Clerk

7B

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 08-2022-003

DATE: 10/16/2023

PROJECT: 2024 SEWER REPAIR CONTRACT 1

| NO. | ITEM CODE | DESCRIPTION | ESTIMATED UNITS | | | AMOUNT |
|------|------------|--|-----------------|-------|-------------|-------------|
| | | | UNIT | TOTAL | UNIT PRICE | TOTAL |
| 0001 | * 2010-B | Clearing and Grubbing | AC | 0.66 | \$15,000.00 | \$9,900.00 |
| 0002 | * 2010-A | Clearing and Grubbing | UNITS | 6.5 | \$150.00 | \$975.00 |
| 0003 | * 2010-E | Excavation, Class 10, On-Site | CY | 67 | \$15.00 | \$1,005.00 |
| 0004 | * 2010-E | Excavation, Class 10, Waste | CY | 253 | \$30.00 | \$7,590.00 |
| 0005 | * 2010-E | Excavation, Class 10, Import | CY | 1654 | \$30.00 | \$49,620.00 |
| 0006 | * 2010-F | Below Grade Excavation (Core Out) | CY | 375 | \$45.00 | \$16,875.00 |
| 0007 | * 2010-G | Subgrade Preparation | SY | 1272 | \$5.00 | \$6,360.00 |
| 0008 | * 2010-H | Granular Stabilization | TON | 687 | \$50.00 | \$34,350.00 |
| 0009 | * 2010-I | Subgrade Treatment, Geogrid, Type 2 | SY | 1220 | \$5.00 | \$6,100.00 |
| 0010 | * 2010-J | Subbase, Modified Subbase, 6 In | SY | 1220 | \$20.00 | \$24,400.00 |
| 0011 | * 2010-K-1 | Removal of Pipe Apron | EA | 1 | \$1,000.00 | \$1,000.00 |
| 0012 | 4020-A-1 | Storm Sewer, RCP, Trenched, 15 In | LF | 19 | \$150.00 | \$2,850.00 |
| 0013 | 4020-A-1 | Storm Sewer, RCP, Trenched, 18 In | LF | 66 | \$150.00 | \$9,900.00 |
| 0014 | 4020-A-1 | Storm Sewer, Polypropylene, Trenched, 18 In | LF | 24 | \$150.00 | \$3,600.00 |
| 0015 | 4020-A-1 | Storm Sewer, RCP, Trenched, 24 In | LF | 155 | \$175.00 | \$27,125.00 |
| 0016 | 4020-A-1 | Storm Sewer, Polypropylene, Trenched, 24 In | LF | 88 | \$175.00 | \$15,400.00 |
| 0017 | * 4020-D | Removal of Storm Sewer | LF | 188 | \$30.00 | \$5,640.00 |
| 0018 | * 4020-G | Storm Sewer Abandonment, Fill and Plug | LF | 70 | \$70.00 | \$4,900.00 |
| 0019 | 4030-B | Pipe Apron, DR-201, 15 In | EA | 1 | \$2,000.00 | \$2,000.00 |
| 0020 | 4030-B | Pipe Apron, DR-201, 18 In | EA | 1 | \$2,500.00 | \$2,500.00 |
| 0021 | 4030-B | Pipe Apron, DR-201, 24 In | EA | 2 | \$3,000.00 | \$6,000.00 |
| 0022 | Est Ref | Footing for Concrete Pipe Apron, Sheet Pile, 15 In | SF | 24 | \$75.00 | \$1,800.00 |
| 0023 | 4030-C | Footing for Concrete Pipe Apron, Concrete, 18 In | EA | 1 | \$1,200.00 | \$1,200.00 |
| 0024 | 4030-C | Footing for Concrete Pipe Apron, Concrete, 24 In | EA | 2 | \$1,500.00 | \$3,000.00 |
| 0025 | * 4030-D | Remove and Replace Pipe Apron Guard | EA | 1 | \$2,000.00 | \$2,000.00 |
| 0026 | 4040-A | Subdrain, 6 In | LF | 810 | \$20.00 | \$16,200.00 |
| 0027 | 4040-C | Subdrain Cleanout, Type A-1 | EA | 2 | \$750.00 | \$1,500.00 |
| 0028 | 4040-D | Subdrain Outlets and Connections | EA | 4 | \$525.00 | \$2,100.00 |
| 0029 | 6010-A | Manhole, SW-401 48 In | EA | 5 | \$7,500.00 | \$37,500.00 |
| 0030 | 6010-A | Manhole, SW-401 60 In | EA | 1 | \$10,000.00 | \$10,000.00 |
| 0031 | 6010-B | Intake, SW-501 | EA | 1 | \$7,500.00 | \$7,500.00 |
| 0032 | 6010-B | Intake, SW-505 | EA | 1 | \$12,500.00 | \$12,500.00 |
| 0033 | 6010-G | Connect to Existing Manhole | EA | 2 | \$2,000.00 | \$4,000.00 |
| 0034 | 6010-G | Connect to Existing Intake | EA | 1 | \$2,000.00 | \$2,000.00 |
| 0035 | * 6010-H | Remove Manhole | EA | 2 | \$1,500.00 | \$3,000.00 |
| 0036 | * 6010-H | Remove Intake | EA | 1 | \$1,500.00 | \$1,500.00 |
| 0037 | 7010-A | Pavement, PCC, 6 In | SY | 114 | \$75.00 | \$8,550.00 |
| 0038 | 7010-A | Pavement, PCC, 6 In Reinforced | SY | 20 | \$110.00 | \$2,200.00 |
| 0039 | 7010-A | Pavement, PCC, 7 In | SY | 17.5 | \$90.00 | \$1,575.00 |
| 0040 | 7010-E | Curb and Gutter, 2.5 ft, 6 In | LF | 4 | \$150.00 | \$600.00 |
| 0041 | 7021-A | HMA Standard Traffic (ST) Surface, 1/2", PG 58-28H | TONS | 197 | \$125.00 | \$24,625.00 |
| 0042 | 7021-A | HMA Standard Traffic (ST) Base, 3/4", PG 58-28S | TONS | 276 | \$125.00 | \$34,500.00 |
| 0043 | * 7030-A-1 | Removal of Sidewalk | SY | 29 | \$15.00 | \$435.00 |

7 B

| NO. | ITEM CODE | DESCRIPTION | ESTIMATED UNITS | | | AMOUNT |
|--------------------------------|---------------|--|-----------------|--------|-------------|---------------------|
| | | | UNIT | TOTAL | UNIT PRICE | TOTAL |
| 0044 * | 7030-A-3 | Removal of Driveway | SY | 27 | \$15.00 | \$405.00 |
| 0045 | 7030-E | Sidewalk, PCC, 4 In | SY | 24 | \$70.00 | \$1,680.00 |
| 0046 | 7030-H-1 | Driveway, Paved, PCC, 6 In | SY | 32 | \$75.00 | \$2,400.00 |
| 0047 * | 7040-G | Milling | SY | 422 | \$5.00 | \$2,110.00 |
| 0048 * | 7040-H | Pavement Removal | SY | 1237.5 | \$15.00 | \$18,562.50 |
| 0049 * | 7040-I | Curb and Gutter Removal | LF | 4 | \$15.00 | \$60.00 |
| 0050 * | 8030-A | Temporary Traffic Control | LS | 1 | \$30,000.00 | \$30,000.00 |
| 0051 * | 9010-A | Conventional Seeding, Seeding, Fertilizing, and Mulching | AC | 0.75 | \$7,500.00 | \$5,625.00 |
| 0052 * | 9020-A | Sod | SQ | 57.1 | \$125.00 | \$7,137.50 |
| 0053 * | 9040-D-1 | Filter Socks, 8 In | LF | 435 | \$5.00 | \$2,175.00 |
| 0054 * | 9040-G-1 | Check Dam, Rock | TON | 13 | \$100.00 | \$1,300.00 |
| 0055 * | 9040-J | Rip Rap Class E | TON | 889 | \$75.00 | \$66,675.00 |
| 0056 * | 9040-E | Rolled Erosion Control, RECP | SQ | 162 | \$4.00 | \$648.00 |
| 0057 * | 9040-T-1 | Inlet Protection Device, Drop-in | EA | 5 | \$250.00 | \$1,250.00 |
| 0058 * | 9040-T-2 | Inlet Protection Device Maintenance | EA | 5 | \$50.00 | \$250.00 |
| 0059 * | 9040-O-2 | Stabilized Construction Entrance | TON | 68 | \$50.00 | \$3,400.00 |
| 0060 * | 9040-Q-2 | Erosion Control Mulching, Hydromulching | AC | 0.81 | \$7,500.00 | \$6,075.00 |
| 0061 * | Est Ref | Remove and Rebuild Retaining Wall | LS | 1 | \$10,000.00 | \$10,000.00 |
| 0062 * | Est Ref | Remove and Replace Landscaping | LS | 1 | \$2,000.00 | \$2,000.00 |
| 0063 | Special Prov. | Discrete Galvanic Anodes | EA | 12 | \$200.00 | \$2,400.00 |
| 0064 | Est Ref | Storm Sewer Rehab | LS | 1 | \$30,000.00 | \$30,000.00 |
| 0065 * | Est Ref | Tree Protection Fence | LF | 800 | \$10.00 | \$8,000.00 |
| 0066 * | Est Ref | Tree Trunk Protection | EA | 24 | \$500.00 | \$12,000.00 |
| 0067 * | Est Ref | Temporary Granular Surfacing, Class A | TON | 90 | \$50.00 | \$4,500.00 |
| 0068 * | 11,010-A | Construction Survey | LS | 1 | \$15,000.00 | \$15,000.00 |
| 0069 * | 11,020-A | Mobilization | LS | 1 | \$74,972.00 | \$74,972.00 |
| | | | | | | |
| Prepared By: Matt Radermacher | | | | | | |
| Checked By: _____ | | | | | | |
| TOTAL CONSTRUCTION COST | | | | | | \$725,000.00 |

* Item does not have to be included in 4-year maintenance bond, but shall be covered by a 1-year maintenance bond.

* Estimate Total= \$447,795.00