



Roll Call Number

Agenda Item Number

6 A

DATE March 19, 2018

ORDERING CONSTRUCTION OF
2018-2019 EXPANDED STREET RESURFACING PROGRAM - CONTRACT 1
AND FIXING A DATE FOR RECEIVING OF BIDS ON APRIL 10, 2018
AND PUBLIC HEARING ON APRIL 23, 2018
ENGINEER'S ESTIMATE IS \$1,500,000.00

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:

2018-2019 Expanded Street Resurfacing Program - Contract 1, 06-2018-006

The improvement includes scarification of existing asphalt streets, furnish and place Hot Mix Asphalt (HMA), furnish and place pavement markings, traffic signal modifications, and other incidental items; in accordance with the contract documents, including Plan File Nos. 593-236/261, at the following locations in the City of Des Moines, Iowa:

- E. 12th Street – E. Washington Avenue to Thompson Avenue
- 4th Street - New York Avenue to Corning Avenue
- 3rd Street - New York Avenue to Corning Avenue
- 5th Avenue - Euclid Avenue to Douglas Avenue
- E. 10th Street - Madison Avenue to Jerlynn Avenue
- E. Seneca Avenue – E. 10th Street to E. 14th Street
- E. 13th Street - Arthur Avenue to Hull Avenue
- E. 38th Street - Easton Boulevard to E Douglas Avenue
- E. 39th Court - Mattern Avenue to Easton Boulevard
- E. 39th Street - Mattern Avenue to Easton Boulevard
- E. 40th Court - Mattern Avenue to Easton Boulevard
- E. 40th Street - Mattern Avenue to Easton Boulevard
- E. 41st Street - Mattern Avenue to Easton Boulevard
- E. 30th Street - Jefferson Avenue to Easton Boulevard
- E. 19th Street - Cleveland Avenue to E. Washington Avenue
- Cleveland Avenue - York Street to E. 14th Street.

The improvement includes furnishing all labor, materials and equipment necessary to remove existing pavement markings, install pavement markings and associated traffic signal modifications; all in accordance with the contract documents, including Plan File Nos. 593-236/261, at E. 30th Street – Raccoon Street to University Avenue.

The improvement includes milling, HMA patching, and furnish and place Hot Mix Asphalt (HMA), and other incidental items; all in accordance with the contract documents, including Plan File Nos. 593-236/261, at Cownie Soccer - 2600 Hartford Avenue



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be and the same are hereby approved and accepted. The estimated construction cost for said improvement is \$1,500,000.00. 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 April 23, 2018, 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 April 10, 2018, 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 Offices, City Hall, 400 Robert D. Ray Drive, Des Moines, Iowa, at 11:00 a.m. on April 10, 2018, after which the bids 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.

(City Council Communication Number 18-136 attached.)

Moved by _____ to adopt.

FORM APPROVED:

FUNDS AVAILABLE

Kathleen Vanderpool
Deputy City Attorney

Robert L. Fagen
Des Moines Finance Director

AE Funding Source: 2018-2019 CIP, Page Street - 41, Special City-wide Street Improvements, ST217, Being: \$1,328,500 in Gaming Monies; \$128,000 in G.O Bonds from PK176, Sports Complexes; and the remaining \$43,500 in G.O. Bonds from ST231, Streetscape Improvements



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

MOTION CARRIED APPROVED

Mayor

CERTIFICATE

I, DIANE RAUH, 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.

City Clerk

CONSTRUCTION ESTIMATE

DEPARTMENT OF ENGINEERING
CITY OF DES MOINES, IOWA

Activity ID 06-2018-006
IDOT Project No: None
Date: 03/07/18

PROJECT: 2018-2019 Expanded Street Resurfacing Program - Contract 1

| NO. | DESCRIPTION | ESTIMATED UNITS | | | AMOUNT |
|------|--|-----------------|-------|-------------|--------------|
| | | UNIT | TOTAL | UNIT PRICE | TOTAL |
| 1 | New Stop Box Housing | EACH | 2 | \$1,000.00 | \$2,000.00 |
| 2 | New Stop Box Rod | EACH | 2 | \$1,000.00 | \$2,000.00 |
| 3 | Remove & Replace SW-501 Intake | EACH | 2 | \$5,000.00 | \$10,000.00 |
| 4 | Remove & Replace SW-507 Intake | EACH | 2 | \$7,500.00 | \$15,000.00 |
| 5 | Manhole Adjustment, PCC Diamond | EACH | 52 | \$2,100.00 | \$109,200.00 |
| 6 | Intake Adjustment | EACH | 2 | \$2,000.00 | \$4,000.00 |
| 7 * | Cleaning and Preparation of Base | MILE | 3.67 | \$3,500.00 | \$12,845.00 |
| 8 | HMA LT Surface, 1/2" Mix, No Fric, PG 58-28S | TON | 4725 | \$100.00 | \$472,500.00 |
| 9 | HMA ST Surface, 1/2" Mix, No Fric, PG 58-28H | TON | 2350 | \$125.00 | \$293,750.00 |
| 10 * | Driveway, Removal | SY | 20 | \$50.00 | \$1,000.00 |
| 11 | Sidewalk, 4" Class 'B', Remove and Replace | SY | 125 | \$80.00 | \$10,000.00 |
| 12 | Sidewalk, Through Driveways, 6" PCC, Remove and Replace | SY | 12 | \$100.00 | \$1,200.00 |
| 13 | Sidewalk, ADA Compliant Ramp, 6" PCC, Remove and Replace | SY | 700 | \$100.00 | \$70,000.00 |
| 14 | Detectable Warnings - Cast Iron | SF | 510 | \$35.00 | \$17,850.00 |
| 15 | Remove & Replace Curb and Gutter | LF | 50 | \$55.00 | \$2,750.00 |
| 16 * | Saw Curb - Horizontal | LF | 20 | \$8.00 | \$160.00 |
| 17 | Driveway, 6" PCC | SY | 15 | \$100.00 | \$1,500.00 |
| 18 | Patch, Full Depth PCC | SY | 100 | \$150.00 | \$15,000.00 |
| 19 | Patch, Full Depth HMA | SY | 1150 | \$75.00 | \$86,250.00 |
| 20 * | Subbase Over-excavation | TON | 50 | \$50.00 | \$2,500.00 |
| 21 | HMA Partial Depth Patches | SF | 3400 | \$12.00 | \$40,800.00 |
| 22 * | Pavement Scarification | SY | 34665 | \$3.50 | \$121,327.50 |
| 23 * | Traffic Signalization | LS | 1 | \$20,000.00 | \$20,000.00 |
| 24 | Loop Detector, Replacement, 6' by 8' | EACH | 2 | \$1,000.00 | \$2,000.00 |
| 25 | Loop Detector, Replacement, 6' by 20' | EACH | 2 | \$1,400.00 | \$2,800.00 |

| NO. | DESCRIPTION | ESTIMATED UNITS | | | AMOUNT |
|------|--|-----------------|-------|-------------|-------------|
| | | UNIT | TOTAL | UNIT PRICE | TOTAL |
| 26 | Major Handhole Adjustment, Type I Precast Concrete Handhole | EACH | 1 | \$1,000.00 | \$1,000.00 |
| 27 | Major Handhole Adjustment, Type II, III, or IV Polymer Concrete Handhole | EACH | 1 | \$1,200.00 | \$1,200.00 |
| 28 | Painted Pavement Marking, Waterborne or Solvent based | STA | 192 | \$70.00 | \$13,440.00 |
| 29 | Durable Pavement Markings, Epoxy | STA | 3.5 | \$400.00 | \$1,400.00 |
| 30 | Inlay Tape Marking, Profile Marking Tape | STA | 100 | \$350.00 | \$35,000.00 |
| 31 | Painted Symbols and Legend, Waterborne or Solvent based | EACH | 29 | \$100.00 | \$2,900.00 |
| 32 * | Pavement Markings Removed | STA | 94 | \$50.00 | \$4,700.00 |
| 33 * | Symbols and Legends Removed | EACH | 4 | \$75.00 | \$300.00 |
| 34 * | Grooves Cut for Pavement Markings | STA | 3.5 | \$100.00 | \$350.00 |
| 35 | Vertical Delineator Post and Base, 3ft, White | EACH | 42 | \$55.00 | \$2,310.00 |
| 36 * | Traffic Control | LS | 1 | \$22,000.00 | \$22,000.00 |
| 37 * | Flagger, Uniformed Police Officer | DAY | 10 | \$550.00 | \$5,500.00 |
| 38 * | Flagger, Certified | EACH | 10 | \$450.00 | \$4,500.00 |
| 39 * | Tree Protection Fence | LF | 50 | \$2.00 | \$100.00 |
| 40 * | Tree Root Grinding | EACH | 10 | \$100.00 | \$1,000.00 |
| 41 * | Hydraulic Seeding | SQ | 50 | \$45.00 | \$2,250.00 |
| 42 * | Sod, Nursery in Place | SQ | 50 | \$75.00 | \$3,750.00 |
| 43 | Modular Wall | SF | 50 | \$35.00 | \$1,750.00 |
| 44 * | Mobilization | LS | 1 | \$80,117.50 | \$80,117.50 |
| | | | | | |

Prepared By: Matt Becker

Checked By: _____

TOTAL CONSTRUCTION COST \$1,500,000.00

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

* Estimate Total= \$282,400.00