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CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: February 8, 2016

ITEM:

- Public Hearing (5:35 p.m.)
  2016 HMA Resurfacing Program

FINANCIAL IMPACT:

The Engineering Estimate of construction cost was estimated to be $1,560,602.05 for the 2016 HMA Resurfacing Program. There were two bids submitted with the low bid of $1,439,028.04 being submitted by Des Moines Asphalt & Paving of Ankeny, Iowa. Payments will be made from budgeted account no. 4026.75.820.6.7910.

BACKGROUND:

The 2016 HMA Resurfacing Program This project will resurface various locations in the City of West Des Moines. Types of work including approximately 4,698 tons of 1 million ESAL 1/2" Hot Mix Asphalt (HMA) surface course, 118 tons of 1 million ESAL 1/2" HMA leveling course, 1,091 tons of 3 million ESAL 1/2" Hot Mix Asphalt (HMA) surface course, 1,092 tons of 3 million ESAL 1/2" Hot Mix Asphalt (HMA) intermediate course, 3,433 square yards of grinding butt joints, 43,119 square yards of asphalt surface milling, surface cleaning/tack coat, 2,523 square yards of PCC full depth patching, HMA full depth patching, HMA partial depth patching, fixture adjustments, pavement markings, traffic control, and miscellaneous items. This project is scheduled to be completed by October 1, 2016. This project is scheduled to be completed by October 1, 2016.

RECOMMENDATION:

City Council Adopt:

- Resolution Adopting Plans, Specifications, Form of Contract, and Estimate of Costs;
- Motion receiving and filing Report of Bids;
- Resolution Awarding the Construction Contract to Des Moines Asphalt & Paving

Lead Staff Member: Jeff Nash, P.E.

STAFF REVIEWS

Department Director	Bret Hodne, Public Works Director RBH
Appropriations/Finance	Tim Stiles, Finance Director
Legal	Richard Scieszinski, City Attorney
Agenda Acceptance	RTJ

PUBLICATION(S) (if applicable)

Published In	Des Moines Register
Dates(s) Published	January 29, 2016

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Works		
Date Reviewed	February 1, 2016		
Recommendation	**Yes**	No	Split

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RESOLUTION

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, APPROVING Adopting Plans, Specifications, Form of Contract, and Estimate of Cost

WHEREAS, on January 26, 2016 Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

2016 HMA Resurfacing Program
Project No. 0510-005-2016

and,

WHEREAS, notice of hearing on Plans, Specifications, Form of Contract, and Estimate of Cost for said public improvements was published as required by law;

therefore,

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that the Plans, Specifications, Form of Contract, and Estimate of Cost for said public improvement are hereby approved.

PASSED AND ADOPTED this 8th day of February, 2016.

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson
City Clerk

RESOLUTION

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, APPROVING Awarding Contract

WHEREAS, the City Council of the City of West Des Moines has heretofore directed advertisement for bids for the following described public improvement:

2016 HMA Resurfacing Program
Project No. 0510-005-2016

and,

WHEREAS, bids have been received and opened by the City Clerk and placed on file by the City Council.

and,

WHEREAS, the bid of Des Moines Asphalt & Paving in the amount of $1,439,028.04 is the lowest responsive, responsible bid received for said public improvement,

therefore;

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that a contract for the 2016 HMA Resurfacing Program is hereby awarded to Des Moines Asphalt & Paving in the amount of $1,439,028.04 and the bond of said bidder for the project is hereby fixed in the same amount.

BE IT FURTHER RESOLVED that the City Engineer is authorized and directed to return bid bond(s) and/or check(s) to any unsuccessful bidder.

BE IT FURTHER RESOLVED that work on said project may commence as soon as the final contract and bond have been approved by the City Engineer and have been signed by the City Manager or Deputy City Manager after the contractor is given a written notice to proceed by the City Engineer.

PASSED AND ADOPTED this **8th** day of **February, 2016.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson
City Clerk

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BID TABULATION
2016 HMA RESURFACING PROGRAM
Project No. 0510-005-2016

West Des Moines

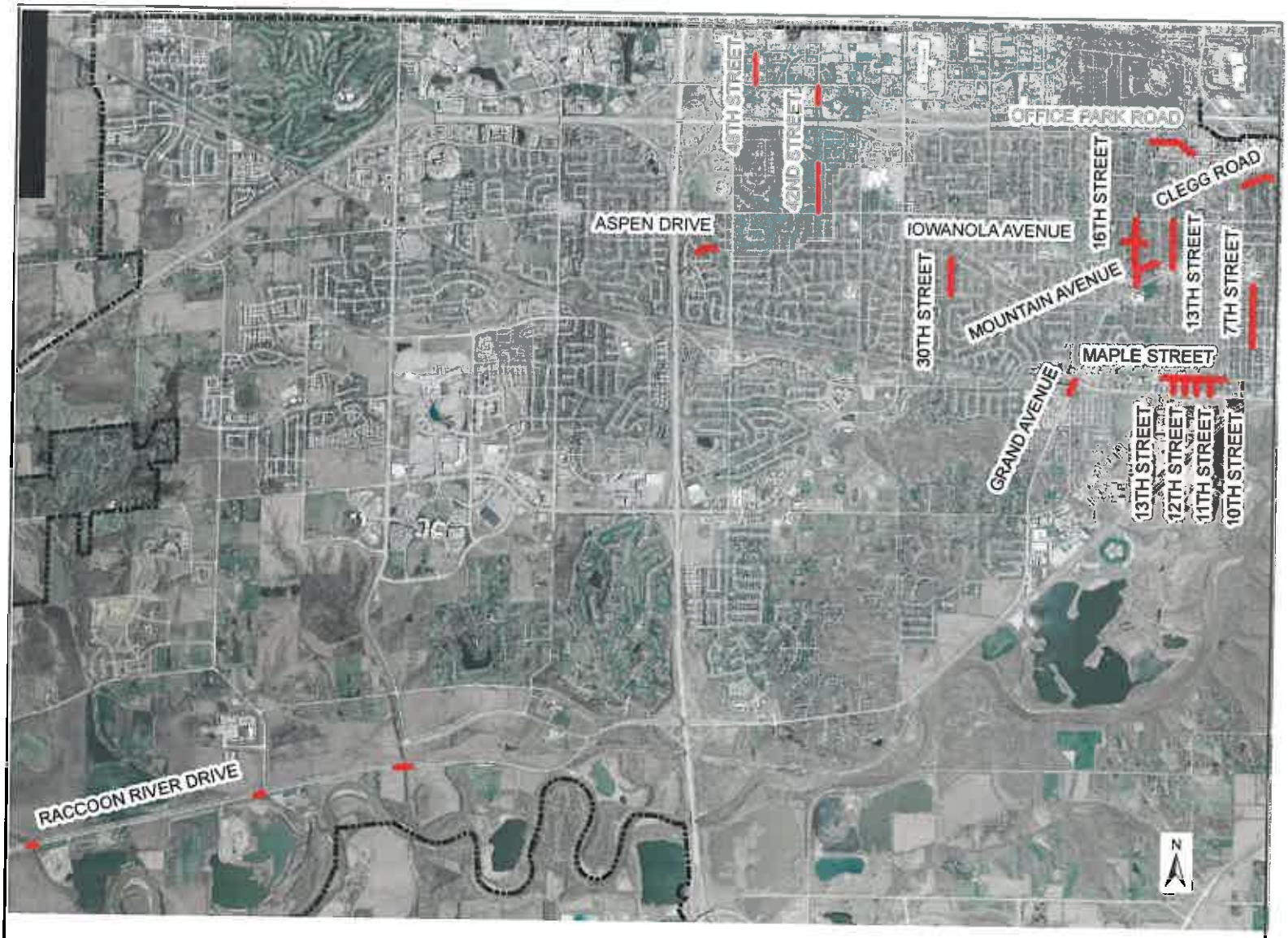
Description	Unit	Estimated Quantity	Engineer's Estimate Unit Price	Engineer's Estimate Extended Price	Bidder No. 1: Des Moines Asphalt & Paving, 2401 SE Tones Dr., Suite 13, Ankeny, IA 50021 Unit Price	Bidder No. 1 Extended Price	Bidder No. 2: Grimes Asphalt & Paving Corp., P.O. Box 3374, 5550 NE 22nd Street, Des Moines, IA 50316 Unit Price	Bidder No. 2 Extended Price
Fixture Adjustments								
110 Sewer Manholes (Re-use Casting & Adjust W/ Concrete Rings)	EA.	2	$1,000.00	$2,000.00	$400.00	$800.00	$625.00	$1,250.00
120 Sewer Manholes (Replace Casting & Adjust W/ Concrete Rings)	EA.	25	$2,500.00	$62,500.00	$780.00	$19,500.00	$1,200.00	$30,000.00
130 Water Manholes (Re-Use Casting & Adjust W/ Concrete Rings)	EA.	2	$750.00	$1,500.00	$400.00	$800.00	$375.00	$750.00
140 PCC 5 'x 5' Manhole Boxouts	EA.	29	$1,500.00	$43,500.00	$1,010.00	$29,290.00	$1,000.00	$29,000.00
150 Water Valve Box Adjustment	EA.	4	$325.00	$1,300.00	$445.00	$1,780.00	$219.00	$876.00
160 Retro to Slide Type Water Valve Top Replacement	EA.	1	$1,500.00	$1,500.00	$560.00	$560.00	$1,900.00	$1,900.00
170 Intake Castings, M-A & M-C (1-1/2" Risers)	EA.	6	$400.00	$2,400.00	$360.00	$2,160.00	$625.00	$3,750.00
180 Intake Castings, M-D & M-E (1-1/2" Risers)	EA.	8	$700.00	$5,600.00	$720.00	$5,760.00	$625.00	$5,000.00
Excavation, Backfill, Grading and Shoulders								
210 Granular Shoulders	Ton	71	$75.00	$5,325.00	$61.00	$4,331.00	$89.00	$6,319.00
Street Patching and Pavement Repair								
310 PCC Full Depth Patches (M-4)	SY	1,923	$125.00	$240,375.00	$122.50	$235,567.50	$136.00	$261,528.00
320 PCC Full Depth Patches (IA DOT 5 Hr. PCC Mix)	SY	600	$185.00	$111,000.00	$122.50	$73,500.00	$137.00	$82,200.00
330 HMA Full Depth Patches	SY	25	$100.00	$2,500.00	$180.00	$4,500.00	$221.00	$5,525.00
340 HMA Partial Depth Patches	SY	138	$60.00	$8,280.00	$55.00	$7,590.00	$97.00	$13,386.00
350 4" Sidewalk Replacement and Removal	SY	25	$65.00	$1,625.00	$55.75	$1,393.75	$60.00	$1,500.00
360 6" Sidewalk Replacement and Removal	SY	25	$75.00	$1,875.00	$135.00	$3,375.00	$144.00	$3,600.00
370 2' x 4' Truncated Dome Panels	EA.	4	$350.00	$1,400.00	$275.00	$1,100.00	$288.00	$1,152.00
380 Replace Top Beams and Castings Only (M-D & M-E)	EA.	1	$3,500.00	$3,500.00	$2,775.00	$2,775.00	$3,100.00	$3,100.00
390 Replace Top Beams and Castings Only (M-A & M-C)	EA.	1	$2,500.00	$2,500.00	$2,775.00	$2,775.00	$3,100.00	$3,100.00
395 18" PCC Curb Replacement	LF	545	$55.00	$29,975.00	$50.00	$27,250.00	$54.00	$29,430.00
Surface Preparation For HMA Resurfacing								
410 Surface Cleaning/Tack Coat	SY	52,146	$0.65	$33,894.90	$0.60	$31,287.60	$0.50	$26,073.00
420 Tack Coat	SY	12,486	$0.20	$2,497.20	$0.25	$3,121.50	$0.20	$2,497.20
430 Surface Milling	SY	43,119	$4.25	$183,255.75	$3.25	$140,136.75	$4.50	$194,035.50
440 Grinding-Butt Joints	SY	3,433	$10.00	$34,330.00	$10.50	$36,046.50	$10.00	$34,330.00
Hot Mix Asphalt (HMA)								
510 1/2" HMA Surface Course (1 million ESAL) (65% Crushed)	TON	4,698	$97.00	$455,706.00	$98.00	$460,404.00	$100.00	$469,800.00
520 1/2" HMA Leveling Course (1 million ESAL) (65% Crushed)	TON	118	$97.00	$11,446.00	$98.00	$11,564.00	$100.00	$11,800.00
530 1/2" HMA Surface Course (3 million ESAL) (75% Crushed)	TON	1,091	$97.00	$105,827.00	$98.00	$106,918.00	$104.00	$113,464.00
540 1/2" HMA Intermediate Course (3 million ESAL) (75% Crushed)	TON	1,092	$97.00	$105,924.00	$98.00	$107,016.00	$104.00	$113,568.00
Traffic Control								
610 Traffic Control	LS	1	$35,000.00	$35,000.00	$20,500.00	$20,500.00	$27,600.00	$27,600.00
620 Flagger	Day	24	$400.00	$9,600.00	$430.00	$10,320.00	$360.00	$8,640.00
Painted Pavement Markings								
710 Broken White Line 4" (Equivalent)	Sta.	1.18	$60.00	$70.65	$81.25	$95.67	$118.00	$138.95
720 Double Yellow Lines 4"-8"-4" (Equivalent)	Sta.	27.04	$60.00	$1,622.40	$81.25	$2,197.00	$118.00	$3,190.72
730 Solid White Line 4" (Equivalent)	Sta.	22.77	$60.00	$1,366.20	$81.25	$1,850.06	$118.00	$2,686.86
740 Solid Yellow Line 4" (Equivalent)	Sta.	2.12	$60.00	$127.20	$81.25	$172.25	$118.00	$250.16
750 Broken Yellow Line 4" (Equivalent)	Sta.	2.1625	$60.00	$129.75	$81.25	$175.70	$118.00	$255.18
760 Left Turn Arrow	EA.	11	$125.00	$1,375.00	$108.25	$1,190.75	$84.00	$924.00
770 Right Turn Arrow	EA.	3	$125.00	$375.00	$108.25	$324.75	$84.00	$252.00
780 White Stop Bar	EA.	4.00	$400.00	$1,600.00	$65.00	$260.00	$60.00	$240.00
790 White Pedestrian Crossing	EA.	1	$400.00	$400.00	$108.25	$108.25	$240.00	$240.00
791 School Crossing Symbol	EA.	4	$400.00	$1,600.00	$163.00	$652.00	$120.00	$480.00
792 Railroad Crossing Symbol	EA.	2	$400.00	$800.00	$190.00	$380.00	$180.00	$360.00
Traffic Signal Items								
810 Traffic Detection Loops	EA.	15	$1,000.00	$15,000.00	$900.00	$13,500.00	$1,100.00	$16,500.00
Mobilzation								
910 Mobilization	LS	1	$30,000.00	$30,000.00	$66,000.00	$66,000.00	$51,300.00	$51,300.00
Total Project Cost				**$1,560,602.05**		**$1,439,028.04**		**$1,561,991.56**

LICENSED PROFESSIONAL ENGINEER
Jeffrey L. Nash
11453
IOWA

I hereby certify that this is a true tabulation of bids received on February 3, 2016 by the City of West Des Moines, Iowa 50265, and that I am a duly licensed professional engineer under the laws of the state of Iowa.

Jeffrey L. Nash 2-4-16

Jeffrey L. Nash, P.E. — Date
Iowa Reg. No. 11453
Registration Expires December 31, 2016
Pages covered by this Seal: All Sheets



VICINITY MAP

LEGEND

PROJECT LOCATIONS

THE CITY OF WEST DES MOINES

DEPARTMENT OF PUBLIC WORKS
ENGINEERING DIVISION
560 S. 16TH STREET (515)222-3475
WEST DES MOINES, IOWA 50265
FAX NO. (515)222-3478

PROJECT:	**2016 HMA RESURFACING PROGRAM 0510-005-2016**
LOCATION:	**VARIOUS**
DRAWN BY: REF	DATE: 1/12/2016 — SHT. 1 OF 1