CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: February 17, 2020

ITEM:

Public Hearing (5:35 p.m.)
Grand Avenue Reconstruction East of I-35

FINANCIAL IMPACT:

The Engineering Estimate of Construction Cost was estimated to be $363,627.50 for the Grand Avenue Reconstruction East of I-35. There were four (4) bids submitted with the low bid of $396,192.45 being submitted by Alliance Construction Group, LLC of Urbandale, Iowa. Payments will be made from account no. 500.000.000.5250.490 with the ultimate funding intended to come from General Obligation Bonds.

BACKGROUND:

The project includes reconstruction of Grand Avenue immediately east of I-35. A few years back, the City reconstructed Grand Avenue from South 50th Street to I-35. Immediately following, the Iowa Department of Transportation reconstructed the Grand Avenue Interchange on I-35, with a different design than what was presented to the City when design and construction of Grand Avenue was completed. This left a gap in the construction. This project will address reconstruction of the gap on Grand Avenue along with associated trail adjacent to the roadway. The project is anticipated to be completed by September 15, 2020. Once construction commences, the Contractor will only be allowed twenty-eight (28) calendar days to complete all necessary tasks to reopen both eastbound and westbound lanes on Grand Avenue.

The lowest bid received was in excess of the Engineer's Estimate by $32,564.95 or 8.96%. Based on conversations with bidders, the increased costs can be most attributable to the timeframe in which Grand Avenue can be closed to traffic to complete the work. City Staff recommend the award of contract to Alliance Construction Group, LLC.

This agenda item was distributed to the Public Services Subcommittee by e-mail only since there was no meeting.

OUTSTANDING ISSUES: None.

RECOMMENDATION:

City Council Adopt:

- Resolution adopting Plans, Specifications, Form of Contract, and Estimate of Costs for Grand Avenue Reconstruction East of I-35;
- Motion receiving and filing Report of Bids;
- Resolution awarding the construction contract to Alliance Construction Group, LLC.

Lead Staff Member: Brian J. Hemesath, P.E., City Engineer

STAFF REVIEWS

Department Director	Brian J. Hemesath, P.E., City Engineer
Appropriations/Finance	Tim Stiles, Finance Director
Legal	Richard Scieszinski, City Attorney
Agenda Acceptance	

PUBLICATION(S) (if applicable)

Published In	Des Moines Register
Dates(s) Published	February 7, 2020

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Services		
Date Reviewed			
Recommendation	Yes	No	Split

RESOLUTION APPROVING ADOPTING PLANS, SPECIFICATIONS, FORM OF CONTRACT, AND ESTIMATE OF COST

WHEREAS, on January 21, 2020, Plans, Specifications, Form of Contract, and Estimate of Cost were filed with the City Clerk for the following described public improvement:

Grand Avenue Reconstruction East of I-35
Project No. 0510-049-2018

and,

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

therefore,

BE IT FURTHER RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, that the Plans, Specifications, Form of Contract, and Estimate of Costs for said Public Improvement are hereby approved.

PASSED AND APPROVED on this **17th** day of **February, 2020.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

RESOLUTION APPROVING THE AWARDING OF A CONTRACT

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

Grand Avenue Reconstruction East of I-35
Project No. 0510-049-2018

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 Alliance Construction Group, LLC in the amount of $396,192.45 was the lowest 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 Grand Avenue Reconstruction East of I-35 is hereby awarded to Alliance Construction Group, LLC in the amount of $396,192.45 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 Clerk and after the contractor is given a written notice to proceed by the City Engineer.

PASSED AND ADOPTED on this **17th** day of **February, 2020.**

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

THE CITY OF WEST DES MOINES

KIRKHAM MICHAEL

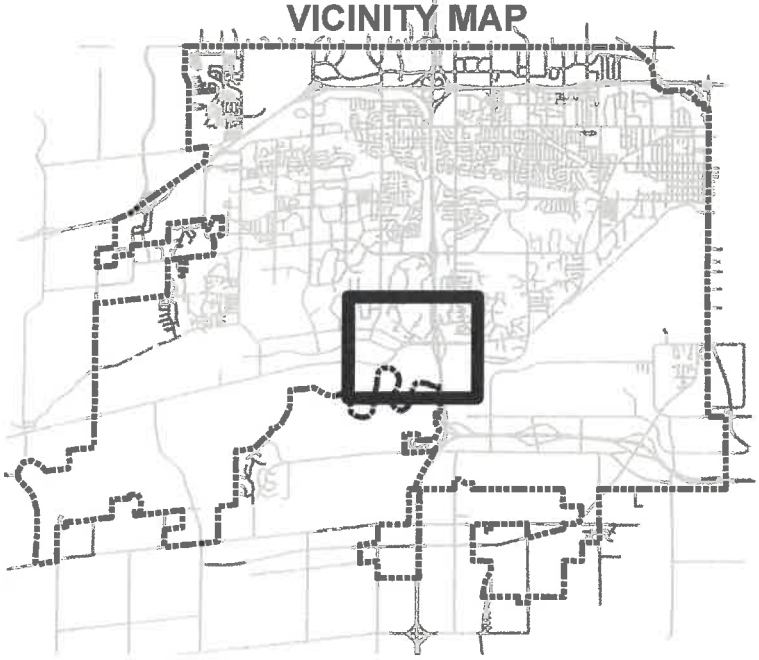
Tabulation of Bids
City of West Des Moines, Iowa Grand Avenue Reconstruction East of I-35
Project No. 0510-049-2018

I hereby certify that this is a true and correct bid tabulation of bids received on February 12, 2020 for the Grand Avenue Reconstruction East of I-35 in West Des Moines, Iowa. Project No. 0510-049-2018.

Benjamin S. Smith, P.E. License No. 2442542 Expires: 12/31/21 Today's Date: 02/12/2020

Bid Date is Wednesday, February 12, 2020				Engineer's Opinion of Cost		Alliance Construction Group.		Absolute Construction		Elder Corporation		Correl Construction	
	Item	Units	Quantity	Unit Price	Subtotal	Unit Price	Subtotal	Unit Price	Subtotal	Unit Price	Subtotal	Unit Price	Subtotal
Division 2 - Clearing, Excavation, & Embankment													
2.1	CLEARING AND GRUBBING	AC	0.2	$ 10,000.00	$ 2,000.00	$ 34,250.00	$ 6,850.00	$ 5,000.00	$ 1,000.00	$ 8,400.00	$ 1,680.00	$ 112,500.00	$ 22,500.00
2.2	TOPSOIL, ON-SITE	CY	868.0	$ 8.00	$ 6,944.00	$ 16.00	$ 13,888.00	$ 13.25	$ 11,501.00	$ 20.50	$ 17,794.00	$ 14.00	$ 12,152.00
2.3	EXCAVATION, CLASS 10 ROADWAY AND BORROW	CY	620.0	$ 8.00	$ 4,960.00	$ 8.00	$ 4,960.00	$ 16.00	$ 9,920.00	$ 12.00	$ 7,440.00	$ 5.00	$ 3,100.00
2.4	EXCAVATION, CLASS 10, IMPORT	CY	760.0	$ 15.00	$ 11,400.00	$ 15.00	$ 11,400.00	$ 27.25	$ 20,710.00	$ 26.00	$ 19,760.00	$ 20.00	$ 15,200.00
2.5	SUBGRADE PREPARATION	CY	2,790.0	$ 6.00	$ 16,740.00	$ 1.00	$ 2,790.00	$ 4.00	$ 11,160.00	$ 4.65	$ 12,973.50	$ 3.00	$ 8,370.00
2.6	GRANULAR SUBBASE	SY	2,790.0	$ 15.00	$ 41,850.00	$ 11.50	$ 32,085.00	$ 10.00	$ 27,900.00	$ 6.60	$ 18,414.00	$ 10.50	$ 29,295.00
2.7	REMOVAL OF KNOWN PIPE CULVERT, RCP, 24 IN.	LF	38.0	$ 50.00	$ 1,900.00	$ 39.00	$ 1,482.00	$ 24.00	$ 912.00	$ 33.50	$ 1,273.00	$ 50.00	$ 1,900.00
Division 4 -Sewer & Drains													
4.1	PIPE CULVERT, TRENCHED RCP, 24 IN.	LF	48.0	$ 100.00	$ 4,800.00	$ 120.00	$ 5,760.00	$ 57.50	$ 2,760.00	$ 97.50	$ 4,680.00	$ 104.00	$ 4,992.00
4.2	PIPE APRON, CONCRETE, 24 IN.	EA	2.0	$ 2,500.00	$ 5,000.00	$ 2,330.00	$ 4,660.00	$ 3,740.00	$ 7,480.00	$ 3,000.00	$ 6,000.00	$ 2,985.00	$ 5,970.00
4.3	SUBDRAIN, LOGNITUDINAL, 5 IN.	EA	644.0	$ 15.00	$ 9,660.00	$ 20.00	$ 12,880.00	$ 14.25	$ 9,177.00	$ 19.00	$ 12,236.00	$ 21.00	$ 13,524.00
4.4	SUBDRAIN OUTLETS AND CONNECTIONS	EA	1.0	$ 300.00	$ 300.00	$ 450.00	$ 450.00	$ 390.00	$ 390.00	$ 490.00	$ 490.00	$ 260.00	$ 260.00
Division 7 - Streets & Related Work													
7.1	REINFORCED PCC PAVEMENT, 9 IN.	SY	2,265.0	$ 60.00	$ 135,900.00	$ 70.25	$ 159,116.25	$ 66.00	$ 149,490.00	$ 73.00	$ 165,345.00	$ 73.00	$ 165,345.00
7.2	RECREATIONAL TRAIL, REINFORCED, 6 IN.	SY	565.0	$ 50.00	$ 28,250.00	$ 47.00	$ 26,555.00	$ 57.00	$ 32,205.00	$ 52.00	$ 29,380.00	$ 56.00	$ 31,640.00
7.3	DRIVEWAY, PAVED, PCC 7 IN.	SY	132.0	$ 50.00	$ 6,600.00	$ 50.00	$ 6,600.00	$ 87.00	$ 11,484.00	$ 59.00	$ 7,788.00	$ 60.00	$ 7,920.00
7.4	DIAMOND GRINDING	SY	1,288.0	$ 10.00	$ 12,880.00	$ 18.00	$ 23,184.00	$ 12.50	$ 16,100.00	$ 13.15	$ 16,937.20	$ 20.00	$ 25,760.00
7.5	PAVEMENT REMOVAL	SY	3,113.0	$ 6.00	$ 18,678.00	$ 14.00	$ 43,582.00	$ 13.00	$ 40,469.00	$ 12.85	$ 40,002.05	$ 12.00	$ 37,356.00
Division 8 - Traffic Control / Signalization													
8.1	PAINTED PAVEMENT MARKINGS, SOLVENT/WATERBORNE	STA	4.42	$ 1,500.00	$ 6,630.00	$ 610.00	$ 2,696.20	$ 610.00	$ 2,696.20	$ 640.00	$ 2,828.80	$ 890.00	$ 3,933.80
8.2	PAVEMENT MARKINGS REMOVED	STA	0.6	$ 1,000.00	$ 600.00	$ 650.00	$ 390.00	$ 650.00	$ 390.00	$ 685.00	$ 411.00	$ 935.00	$ 561.00
8.3	TRAFFIC CONTROL	LS	1.0	$ 20,000.00	$ 20,000.00	$ 8,700.00	$ 8,700.00	$ 7,600.00	$ 7,600.00	$ 31,500.00	$ 31,500.00	$ 8,360.00	$ 8,360.00
8.4	CHANGEABLE MESSAGE BOARDS	EA	2.0	$ 2,500.00	$ 5,000.00	$ 2,000.00	$ 4,000.00	$ 2,000.00	$ 4,000.00	$ 2,100.00	$ 4,200.00	$ 2,200.00	$ 4,400.00
Division 9 - Site Work and Landscaping													
9.1	SEEDING, FERTILIZING, AND MULCHING	AC	0.8	$ 2,000.00	$ 1,600.00	$ 2,800.00	$ 2,240.00	$ 4,500.00	$ 3,600.00	$ 2,950.00	$ 2,360.00	$ 3,080.00	$ 2,464.00
9.2	SWPPP PREPARATION	LS	1.0	$ 2,000.00	$ 2,000.00	$ 1,800.00	$ 1,800.00	$ 1,000.00	$ 1,000.00	$ 1,900.00	$ 1,900.00	$ 1,980.00	$ 1,980.00
9.3	SWPPP MANANGEMENT	LS	1.0	$ 2,000.00	$ 2,000.00	$ 3,000.00	$ 3,000.00	$ 3,500.00	$ 3,500.00	$ 3,200.00	$ 3,200.00	$ 3,300.00	$ 3,300.00
9.4	FILTER SOCK, 12 IN.	LF	1,958.0	$ 3.00	$ 5,874.00	$ 2.00	$ 3,916.00	$ 4.50	$ 8,811.00	$ 1.95	$ 3,818.10	$ 2.00	$ 3,916.00
9.5	FILTER SOCK, REMOVAL OF DEVICE	LF	1,958.0	$ 0.50	$ 979.00	$ 1.25	$ 2,447.50	$ 0.75	$ 1,468.50	$ 0.10	$ 195.80	$ 0.10	$ 195.80
9.6	SILT FENCE	LF	75.0	$ 2.00	$ 150.00	$ 6.67	$ 500.25	$ 3.00	$ 225.00	$ 1.85	$ 138.75	$ 2.00	$ 150.00
9.7	SILT FENCE, REMOVAL OF DEVICE	LF	75.0	$ 0.50	$ 37.50	$ 6.67	$ 500.25	$ 0.75	$ 56.25	$ 0.10	$ 7.50	$ 0.10	$ 7.50
9.8	EROSION CONTROL MULCHING, CONVENTIONAL	AC	0.8	$ 1,000.00	$ 800.00	$ 1,500.00	$ 1,200.00	$ 1,750.00	$ 1,400.00	$ 890.00	$ 712.00	$ 935.00	$ 748.00
9.9	TURF REINFORCEMENT MAT, TYPE 1	SQ	71.0	$ 45.00	$ 3,195.00	$ 10.00	$ 710.00	$ 47.50	$ 3,372.50	$ 52.50	$ 3,727.50	$ 55.00	$ 3,905.00
9.10	INLET PROTECTION DEVICE, SURFACE APPLIED	EA	2.0	$ 200.00	$ 400.00	$ 200.00	$ 400.00	$ 150.00	$ 300.00	$ 52.50	$ 105.00	$ 55.00	$ 110.00
9.11	INLET PROTECTION DEVICE, DROP-IN	EA	1.0	$ 200.00	$ 200.00	$ 200.00	$ 200.00	$ 225.00	$ 225.00	$ 131.50	$ 131.50	$ 137.00	$ 137.00
9.12	INLET PROTECTION DEVICE, MAINTENANCE	EA	3.0	$ 100.00	$ 300.00	$ 250.00	$ 750.00	$ 50.00	$ 150.00	$ 26.25	$ 78.75	$ 30.00	$ 90.00
Division 11 - Miscellaneous									$ -				
11.1	CONSTRUCTION STAKING	LS	1.0	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 5,000.00	$ 6,200.00	$ 6,200.00	$ 6,500.00	$ 6,500.00	$ 5,500.00	$ 5,500.00
11.2	CONCRETE WASHOUT	LS	1.0	$ 1,000.00	$1,000.00	$ 1,500.00	$ 1,500.00	$ 1,200.00	$ 1,200.00	$ 1,300.00	$ 1,300.00	$ 1,350.00	$ 1,350.00
Total Base Bid (Items 2.1 through 11.1)					$ 363,627.50		$ 396,192.45		$ 398,852.45		$ 425,307.45		$ 426,392.10
			Bid Bond	x		x		x		x		x	
			Notations										

VICINITY MAP



LEGEND

PROJECT LOCATION

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W E
S

CITY OF DES MOINES

PROJECT:

Grand Avenue Reconstruction East of I-35

LOCATION:

Exhibit "A"

DRAWN BY: JDR	DATE: 1/15/2020	PROJECT NUMBER/NAME: 0510-049-2018	SHT. 1 of 1