CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

DATE: October 3, 2016

ITEM:

Resolution - Accepting Work
Alluvion 1A2 Water Main Improvements
J&K Contracting

FINANCIAL IMPACT:

The total construction cost for the Alluvion 1A2 Water Main Improvements was $1,415,815.27 which was paid from budgeted Account No. 500.000.000.5250.490. The original cost of the project was $1,439,465.00. There were two (2) Change Orders on the project that totaled ($23,649.73).

BACKGROUND:

J&K Contracting was working under an agreement dated December 11, 2015, for construction services for the Alluvion 1A2 Water Main Improvements.

This action accepts the public improvements and authorizes staff to pay the retainage no sooner than 30 days.

OUTSTADNING ISSUES:

None.

RECOMMENDATION:

City Council Adopt:

- Resolution Accepting Work

Lead Staff Member: Duane C. Wittstock, P.E., L.S., City Engineer

STAFF REVIEWS

Department Director	Duane C. Wittstock, P.E., L.S., City Engineer
Appropriations/Finance	Tim Stiles, Finance Director
Legal	Richard Scieszinski, City Attorney
Agenda Acceptance	

PUBLICATION(S) (if applicable)		**SUBCOMMITTEE REVIEW** (if applicable)			
Published In		Committee	Public Works		
Dates(s) Published		Date Reviewed	September 26, 2016		
		Recommendation	Yes	No	Split

Department of Engineering Services
4200 Mills Civic Pkwy, Ste 2D, PO Box 65320
West Des Moines, IA 50265-0320
(515) 222-3620 Fax (515) 273-0602

West Des Moines

PAY REQUEST

Contractor: **J & K Contracting LLC**
1307 E. Lincoln Way
Ames, IA 50010

Project Title	Alluvion 1A2 Water Main Improvements 22nd Street Booster Station to S. 8th Street	
WDM Project File Number	0510-079-2014	
Purchase Order Number	2016-00000127	
Orig. Contract Amount & Date	$1,439,465.00	08/10/15
Estimated Completion Date	12/11/15	
Pay Period	5/13/16 to 08/5/16	
Pay Request Number	9	
Date	08/22/16	

BID ITEMS

Item No.	Description	Unit	Est. Qty	Unit Price	Extended Price	Quantity Completed	Value Completed
1.0	Traffic Control	LS	1	$5,000.00	$5,000.00	1.00	$5,000.00
2.0	Construction Survey	LS	1	$6,000.00	$6,000.00	1.00	$6,000.00
3.0	Excavation, Class 10	CY	740	$20.00	$14,800.00	740.00	$14,800.00
4.0	Connection to Existing Water Main	EA	7	$13,000.00	$91,000.00	7.00	$91,000.00
5.0	Cut and Abandon Existing 4" Water Main	LS	1	$1,600.00	$1,600.00	1.00	$1,600.00
6.0	4" PVC Water Service Line and Connection	LS	1	$5,000.00	$5,000.00	1.00	$5,000.00
7.0	1" Copper Water Service Line and Connection	LS	1	$3,000.00	$3,000.00	1.00	$3,000.00
8.0	Water Main, Trenched, PVC, 16" Unrestrained Joint	LF	6,885	$62.00	$426,870.00	7,191.00	$445,842.00
9.0	Water Main, Trenched, PVC, 16" Restrained Joint	LF	900	$100.00	$90,000.00	610.00	$61,000.00
10.0	Water Main, Trenchless, PVC, 16" Restrained Joint	LF	403	$195.00	$78,585.00	403.00	$78,585.00
11.0	Water Main, Trenchless (Driveway), PVC, 16" Restrained Joint	LF	120	$245.00	$29,400.00	140.00	$34,300.00
12.0	Water Main With Casing Pipe, Trenchless, PVC, 16" Restrained	LF	260	$340.00	$88,400.00	260.00	$88,400.00
13.0	Water Main, Trenched, PVC, 12" Unrestrained Joint	LF	380	$45.00	$17,100.00	366.00	$16,470.00
14.0	Water Main, Trenched, PVC, 12" Restrained Joint	LF	252	$65.00	$16,380.00	263.50	$17,127.50
15.0	Fitting, 16" DI MJ 22.5 Degree Bend	EA	4	$1,600.00	$6,400.00	7.00	$11,200.00
16.0	Fitting, 16" DI MJ 45 Degree Bend	EA	16	$1,600.00	$25,600.00	9.00	$14,400.00
17.0	Fitting, 12" DI MJ 45 Degree Bend	EA	6	$1,000.00	$6,000.00	6.00	$6,000.00
18.0	Fitting, 16" x 16" DI MJ Tee	EA	3	$2,400.00	$7,200.00	3.00	$7,200.00
19.0	Fitting, 16" x 8" DI MJ Reducing Tee	EA	1	$2,000.00	$2,000.00	1.00	$2,000.00
20.0	Fitting, 16" DI MJ Plug	EA	3	$1,500.00	$4,500.00	3.00	$4,500.00
21.0	Fitting, 12" DI MJ Plug	EA	1	$900.00	$900.00	2.00	$1,800.00
22.0	Fitting, 16" x 16" DI MJ Reducer	EA	2	$900.00	$1,800.00	2.00	$1,800.00
23.0	Fitting, 16" x 12" DI MJ Reducer	EA	1	$1,000.00	$1,000.00	1.00	$1,000.00
24.0	Fitting, 8" x 4" DI MJ Reducer	EA	1	$600.00	$600.00	1.00	$600.00
25.0	Fitting, 16" DI MJ Short Sleeve	EA	10	$1,200.00	$12,000.00	4.00	$4,800.00
26.0	Fitting, 12" CI MJ Short Sleeve	EA	4	$800.00	$3,200.00	2.00	$1,600.00
27.0	Valve, DI MJ Gate, Resilient Wedge with Valve Box, 16"	EA	21	$7,600.00	$163,800.00	21.00	$163,800.00
28.0	Valve, DI MJ Gate, Resilient Wedge with Valve Box, 12"	EA	3	$3,000.00	$9,000.00	3.00	$9,000.00
29.0	Valve, DI MJ Gate, Resilient Wedge with Valve Box, 8"	EA	1	$1,800.00	$1,800.00	1.00	$1,800.00
30.0	Tapping Valve Assembly, 24" x 16" Sleeve and 16" Gate Valve	EA	1	$35,000.00	$35,000.00	1.00	$35,000.00
31.0	Fire Hydrant Assembly	EA	34	$5,300.00	$180,200.00	34.00	$180,200.00
32.0	Hydraulic Seeding, Seeding, Fertilizing, Mulching, Type 1 or 2	LF	7600	$5.00	$38,000.00	7,600.00	$38,000.00
33.0	Hydraulic Seeding, Seeding, Fertilizing, Mulching, Wetland	LF	790	$8.00	$6,320.00	790.00	$6,320.00
34.0	Silt Fence or Silt Fence Ditch Check	LF	8390	$1.80	$15,102.00	1,057.00	$1,902.60
35.0	Silt Fence or Silt Fence Ditch Check, Removal of Sediment	LF	5600	$0.20	$1,120.00	5,431.00	$1,086.20
36.0	Silt Fence or Silt Fence Ditch Check, Removal of Device	LF	8390	$0.20	$1,678.00		$0.00
37.0	Filter Socks	LF	2500	$1.70	$4,250.00	4,374.00	$7,435.80
38.0	Temporary Rolled Erosion Control Mat	SF	4100	$0.20	$820.00		$0.00
39.0	SWPPP	LS	1	$4,000.00	$4,000.00	1.00	$4,000.00
40.0	Remove and Replace 6" of PCC Trail	SY	44	$150.00	$6,600.00		$0.00
41.0	Remove and Replace Granular Surfacing	TON	700	$40.00	$28,000.00	700.00	$28,000.00
CO 1.1	Remove 30 LF Casing and Lower Bore Pit	LS	1	$2,646.67	$2,646.67	1.00	$2,646.67
CO 2.1	Hydraulic Mulching	ACRE	6	$2,035.00	$11,599.50	5.70	$11,599.50
				TOTAL	$1,454,271.17		$1,415,815.27

MATERIALS STORED SUMMARY						
			Description	# of Units	Unit Price	Extended Cost
			Watermain	-	$1.00	$0.00
			Fittings/Valves	-	$1.00	$0.00
					TOTAL	$0.00

PAY REQUEST SUMMARY			
		Total Approved	Total Completed
	Contract Price	$1,439,465.00	$1,415,815.27
	Approved Change Order 1	$2,646.67	
	Approved Change Order 2	($26,296.40)	
	Revised Contract Price	$1,415,815.27	$1,415,815.27
		Materials Stored	$0.00
		Retainage (5%)	$70,790.76
		Total Earned Less Retainage	$1,345,024.51
Total Previously Approved (list each)	Pay Request 1	$556,493.61	
	Pay Request 2	$133,534.05	
	Pay Request 3	$217,112.03	
	Pay Request 4	$327,612.84	
	Pay Request 5	$49,022.56	
	Pay Request 6	$14,002.21	
	Pay Request 7	$812.35	
	Pay Request 8	$45,402.97	
		Total Previously Approved	$1,343,992.62
		Amount Due This Request	**$1,031.89**
		Percent Complete	**100%**
		Percent of Contract Period Utilized	100%

The amount $1,031.89 is recommended for approval for payment in accordance with the terms of the Contract

Contractor:	Recommended By:	Checked By:
J & K Contracting LLC	HR Green, Inc.	City of West Des Moines
Signature: Jamie Crubaugh	Signature: D. Moermond	Signature:
Name: Jamie Crubaugh	Name: D. Moermond	Name: Duane C. Wittstock, P.E., L.S.
Title: Project Manager	Title: PM	Title: City Engineer
Date: 8/10/16	Date: 8/11/16	Date:

HRGreen

THE CITY OF WEST DES MOINES DEPARTMENT OF PUBLIC WORKS

ALLUVION 1A2 WATER IMPROVEMENTS PROJECT
BOOSTER STATION TO S. 8TH STREET
WEST DES MOINES, IOWA
PROJECT NO. 0510-079-2014

0 2000
FEET

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Resolution Accepting Work

WHEREAS, on December 11, 2015, the City Council entered into a contract with J&K Contracting of Ames, Iowa, for the following described public improvement:

Alluvion 1A2 Water Main Improvements
0510-079-2014

And,

WHEREAS, said contractor has substantially completed the construction of said improvement in accordance with plans and specifications as shown by the report of the City Engineer filed with the City Clerk on October 3, 2016.

WHEREAS, the City has retained 5% of the construction costs,

Therefore

BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF WEST DES MOINES, IOWA, that said report of the City Engineer is hereby approved and said public improvement is accepted as having been substantially completed in accordance with plans and specifications and the total final construction cost of said improvement is $1,415,815.27 as shown in said report, and that the Finance Director is hereby authorized to make payment to the Contractor in the amount of $70,790.76, which includes retainage for the project, no sooner than 30 days subject to the Contractor satisfying all the conditions of the contract.

PASSED AND APPROVED this **3rd** day of **October, 2016**.

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Steven K. Gaer, Mayor

ATTEST:

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Ryan T. Jacobson
City Clerk