CITY OF WEST DES MOINES
CITY COUNCIL MEETING COMMUNICATION

ITEM: **DATE: May 4, 2015**

Public Hearing (5:35 p.m.)
Alluvion Blue Fiber Route

FINANCIAL IMPACT:

The Engineering Estimate of Construction Costs was estimated to be $1,512,183.00 for the Alluvion Red Fiber Route Project. There were five (5) bids submitted with the low bid of $697,026.75 being submitted by TD&I Cable Maintenance, Inc. for the improvements. Payments will be paid from budgeted account no. 4267.77.820.6.7910 with all costs being reimbursed by Microsoft.

BACKGROUND:

This Public Hearing is on the matter of adoption of Plans, Specifications, Form of Contract, and Estimate of Costs for the Alluvion Blue Fiber Route Project. The bid of Anderson Underground, Inc. did not include unit prices for bid item number 13 so it should not be considered responsive. This bid discrepancy did not affect the low bid for the project. Upon completion of the Public Hearing, a Resolution should be passed adopting the Plans and Specifications, Form of Contract, Estimate of Costs, and awarding the contract to TD&I Cable Maintenance, Inc.

This project is the second of three Alluvion related conduit projects. Work on this project will begin in the near future and be completed by August 31, 2015.

OUTSTANDING ISSUES:

None.

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 TD&I Cable Maintenance, Inc.

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

STAFF REVIEWS

Department Director	Duane C. Wittstock, City Engineer
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	April 24, 2015

SUBCOMMITTEE REVIEW (if applicable)

Committee	Public Works		
Date Reviewed	April 29, 2015		
Recommendation	Yes	No	Split

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RESOLUTION

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

WHEREAS, on April 20, 2015, Plans Specifications, Form of Contract, and Estimate of Costs were filed with the City Clerk for the following described public improvement:

Alluvion Blue Fiber Route
Project No. 0510-074-2014

and,

WHEREAS, notice of hearing on Plans, Specifications, Form of Contract, and Estimate of Costs 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, IOWA, that Plans, Specifications, Form of Contract, and Estimate of Costs for said Public Improvement are hereby approved.

PASSED AND ADOPTED this **4th** day of **May, 2015.**

_____
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 the Awarding of the Contract

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

Alluvion Blue Fiber Route
Project No. 0510-074-2014

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 TD&I Cable Maintenance, Inc. in the amount of $697,026.75 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 Alluvion Blue Fiber Route Project is hereby awarded to TD&I Cable Maintenance, Inc. in the amount of $697,026.75 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 4th day of May, 2015.

_____
Steven K. Gaer, Mayor

ATTEST:

_____
Ryan T. Jacobson, City Clerk

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West Des Moines Fiber Interconnect
Bid Tabulation - Blue Route
West Des Moines, Iowa
April 29, 2015

			Engineer's Estimate			TD & I Cable Maintenance, Inc			Lan-Tel Communications		
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	PRICE	QUANTITY	UNIT PRICE	PRICE	QUANTITY	UNIT PRICE	PRICE
1	Clearing and Grubbing	LS	1	$ 50,000.00	$ 50,000.00	1	$ 1,000.00	$ 1,000.00	1	$ 10,500.00	$ 10,500.00
2	Traffic Control	LS	1	$ 15,000.00	$ 15,000.00	1	$ 2,500.00	$ 2,500.00	1	$ 3,750.00	$ 3,750.00
3	Removal of Pavement	SY	50	$ 150.00	$ 7,500.00	50	$ 50.00	$ 2,500.00	50	$ 35.00	$ 1,750.00
4	Pavement Replacement, (In Kind)	SY	50	$ 250.00	$ 12,500.00	50	$ 50.00	$ 2,500.00	50	$ 40.00	$ 2,000.00
5	Pull Box (2.5 Ft. x 4 Ft. x 4 Ft.), Install Only	EA	49	$ 1,300.00	$ 63,700.00	49	$ 440.00	$ 21,560.00	49	$ 450.00	$ 22,050.00
6	Pull Box (2.5' x 4' x 4'), Furnish and Install	EA	2	$ 2,750.00	$ 5,500.00	2	$ 1,200.00	$ 2,400.00	2	$ 1,045.00	$ 2,090.00
7	Vault (4 Ft. x 6 Ft. x 7 Ft.), Install Only	EA	9	$ 2,500.00	$ 22,500.00	9	$ 1,600.00	$ 14,400.00	9	$ 1,550.00	$ 13,950.00
8	Vault, Modified (4 Ft. x 6 Ft. x 10 Ft.), Install Only	EA	1	$ 3,500.00	$ 3,500.00	1	$ 2,700.00	$ 2,700.00	1	$ 2,325.00	$ 2,325.00
9	Conduit, Schedule 80 HDPE, Trenched, 2 In.	LF	1704	$ 12.00	$ 20,448.00	1704	$ 3.00	$ 5,112.00	1704	$ 2.95	$ 5,026.80
10	Conduit, Schedule 80 HDPE, Trenched, 4 In.	LF	5825	$ 20.00	$ 116,500.00	5825	$ 8.00	$ 46,600.00	5825	$ 8.43	$ 49,104.75
11	Conduit, Schedule 80 HDPE, Directional Bore, 2 In.	LF	2884	$ 15.00	$ 43,260.00	2884	$ 3.00	$ 8,652.00	2884	$ 2.95	$ 8,507.80
12	Conduit, Schedule 80 HDPE, Directional Bore, 4 In.	LF	34101	$ 25.00	$ 852,525.00	34101	$ 12.75	$ 434,787.75	34101	$ 12.67	$ 432,059.67
13	Conduit, Railroad Auger Bore, HDPE, 4 In.	LF	70	$ 250.00	$ 17,500.00	70	$ 155.00	$ 10,850.00	70	$ 187.43	$ 13,120.10
14	Conduit, River Bore, HDPE, 4 In.	LF	792	$ 75.00	$ 59,400.00	792	$ 15.00	$ 11,880.00	792	$ 25.43	$ 20,140.56
15	Conduit, Buckeye Pipeline Bore, HDPE, 4 In.	LF	50	$ 75.00	$ 3,750.00	50	$ 13.00	$ 650.00	50	$ 127.43	$ 6,371.50
16	Silt Fence or Filter Sock	LF	16100	$ 2.00	$ 32,200.00	16100	$ 1.25	$ 20,125.00	16100	$ 2.00	$ 32,200.00
17	Maintenance of Silt Fence or Filter Sock	LF	16100	$ 1.50	$ 24,150.00	16100	$ 0.25	$ 4,025.00	16100	$ 0.75	$ 12,075.00
18	Removal of Silt Fence or Filter Sock	LF	16100	$ 1.50	$ 24,150.00	16100	$ 0.25	$ 4,025.00	16100	$ 0.50	$ 8,050.00
19	Hydraulic Seeding, Fertilizing and Mulching, Type I	ACRE	3	$ 3,000.00	$ 9,000.00	3	$ 2,500.00	$ 7,500.00	3	$ 2,150.00	$ 6,450.00
20	Erosion Control Mulching, Conventional	ACRE	3	$ 1,800.00	$ 5,400.00	3	$ 2,500.00	$ 7,500.00	3	$ 1,850.00	$ 5,550.00
21	Fiber Optic Line Marker	EA	61	$ 150.00	$ 9,150.00	61	$ 100.00	$ 6,100.00	61	$ 65.00	$ 3,965.00
22	Permit Requirements	LS	1	$ 15,000.00	$ 15,000.00	1	$ 8,500.00	$ 8,500.00	1	$ 5,500.00	$ 5,500.00
23	As-Built Documentation	LS	1	$ 25,000.00	$ 25,000.00	1	$ 8,500.00	$ 8,500.00	1	$ 14,000.00	$ 14,000.00
24	SWPPP Management	LS	1	$ 7,500.00	$ 7,500.00	1	$ 8,500.00	$ 8,500.00	1	$ 10,500.00	$ 10,500.00
25	Conduit and Tracer Wire Acceptance Testing	LS	1	$ 20,000.00	$ 20,000.00	1	$ 33,750.00	$ 33,750.00	1	$ 28,500.00	$ 28,500.00
26	Potholing of Installed Conduit	EA	50	$ 350.00	$ 17,500.00	50	$ 125.00	$ 6,250.00	50	$ 190.00	$ 9,500.00
27	Surfacing, Class A Crushed Stone	TON	150	$ 45.00	$ 6,750.00	150	$ 45.00	$ 6,750.00	150	$ 21.50	$ 3,225.00
28	McGard Man Lock Bolt System	EA	114	$ 200.00	$ 22,800.00	114	$ 65.00	$ 7,410.00	114	$ 125.23	$ 14,276.22
				Sub Total	$ 1,512,183.00		Sub Total	$ 697,026.75		Sub Total	$ 746,537.40

** This bid tab is an accurate tabulation of the bids received with the discrepancies as noted. **

LICENSED PROFESSIONAL ENGINEER
GARY L. REED
13840
IOWA

I HEREBY CERTIFY THAT THIS ENGINEERING DOCUMENT WAS PREPARED BY ME OR UNDER MY DIRECT PERSONAL SUPERVISION AND THAT I AM A DULY LICENSED PROFESSIONAL ENGINEER UNDER THE LAWS OF THE STATE OF IOWA.

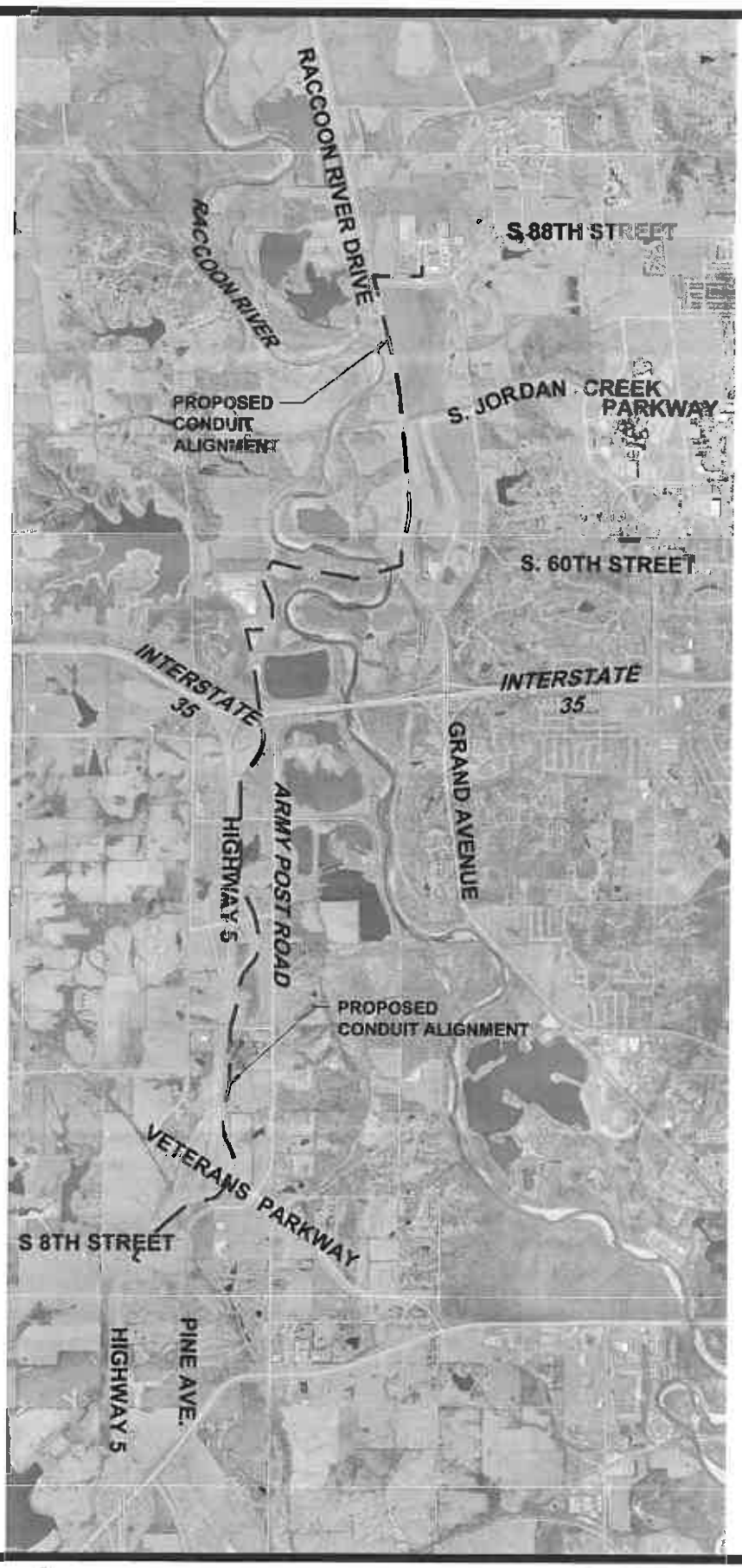
GARY L. REED, P.E. — DATE: 4-27-2015

MY LICENSE RENEWAL DATE IS DECEMBER 31, 2016
PAGES OR SHEETS COVERED BY THIS SEAL
BID TABULATION - BLUE ROUTE

			MP Nexlevel, LLC			Anderson Underground			Dig America		
ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	PRICE	QUANTITY	UNIT PRICE	PRICE	QUANTITY	UNIT PRICE	PRICE
1	Clearing and Grubbing	LS	1	$ 21,300.00	$ 21,300.00	1	$ 7,500.00	$ 7,500.00	1	$ 29,625.00	$ 29,625.00
2	Traffic Control	LS	1	$ 7,500.00	$ 7,500.00	1	$ 5,000.00	$ 5,000.00	1	$ 7,850.00	$ 7,850.00
3	Removal of Pavement	SY	50	$ 15.00	$ 750.00	50	$ 25.00	$ 1,250.00	50	$ 35.00	$ 1,750.00
4	Pavement Replacement, (In Kind)	SY	50	$ 75.00	$ 3,750.00	50	$ 50.00	$ 2,500.00	50	$ 90.00	$ 4,500.00
5	Pull Box (2.5 Ft. x 4 Ft. x 4 Ft.), Install Only	EA	49	$ 500.00	$ 24,500.00	49	$ 725.00	$ 35,525.00	49	$ 2,788.00	$ 136,612.00
6	Pull Box (2.5' x 4' x 4'), Furnish and Install	EA	2	$ 1,192.39	$ 2,384.78	2	$ 1,400.00	$ 2,800.00	2	$ 3,743.00	$ 7,486.00
7	Vault (4 Ft. x 6 Ft. x 7 Ft.), Install Only	EA	9	$ 3,000.00	$ 27,000.00	9	$ 6,250.00	$ 56,250.00	9	$ 7,195.00	$ 64,755.00
8	Vault, Modified (4 Ft. x 6 Ft. x 10 Ft.), Install Only	EA	1	$ 3,800.00	$ 3,800.00	1	$ 8,750.00	$ 8,750.00	1	$ 9,860.00	$ 9,860.00
9	Conduit, Schedule 80 HDPE, Trenched, 2 In.	LF	1704	$ 5.40	$ 9,201.60	1704	$ 6.00	$ 10,224.00	1704	$ 12.50	$ 21,300.00
10	Conduit, Schedule 80 HDPE, Trenched, 4 In.	LF	5825	$ 14.36	$ 83,647.00	5825	$ 16.10	$ 93,782.50	5825	$ 15.65	$ 91,161.25
11	Conduit, Schedule 80 HDPE, Directional Bore, 2 In.	LF	2884	$ 6.15	$ 17,736.60	2884	$ 6.00	$ 17,304.00	2884	$ 10.00	$ 28,840.00
12	Conduit, Schedule 80 HDPE, Directional Bore, 4 In.	LF	34101	$ 13.76	$ 469,229.76	34101	$ 16.10	$ 549,026.10	34101	$ 22.00	$ 750,222.00
13	Conduit, Railroad Auger Bore, HDPE, 4 In.	LF	70	$ 128.30	$ 8,981.00	70		$ -	70	$ 250.00	$ 17,500.00
14	Conduit, River Bore, HDPE, 4 In.	LF	792	$ 28.17	$ 22,310.64	792	$ 16.10	$ 12,751.20	792	$ 42.00	$ 33,264.00
15	Conduit, Buckeye Pipeline Bore, HDPE, 4 In.	LF	50	$ 50.39	$ 2,519.50	50	$ 27.85	$ 1,392.50	50	$ 53.00	$ 2,650.00
16	Silt Fence or Filter Sock	LF	16100	$ 2.50	$ 40,250.00	16100	$ 2.40	$ 38,640.00	16100	$ 2.96	$ 47,656.00
17	Maintenance of Silt Fence or Filter Sock	LF	16100	$ 0.10	$ 1,610.00	16100	$ 0.25	$ 4,025.00	16100	$ 1.96	$ 31,556.00
18	Removal of Silt Fence or Filter Sock	LF	16100	$ 0.30	$ 4,830.00	16100	$ 0.50	$ 8,050.00	16100	$ 1.00	$ 16,100.00
19	Hydraulic Seeding, Fertilizing and Mulching, Type I	ACRE	3	$ 8,515.00	$ 25,545.00	3	$ 3,750.00	$ 11,250.00	3	$ 10,890.00	$ 32,670.00
20	Erosion Control Mulching, Conventional	ACRE	3	$ 3,150.00	$ 9,450.00	3	$ 2,350.00	$ 7,050.00	3	$ 4,500.00	$ 13,500.00
21	Fiber Optic Line Marker	EA	61	$ 624.92	$ 38,120.12	61	$ 300.00	$ 18,300.00	61	$ 160.00	$ 9,760.00
22	Permit Requirements	LS	1	$ 5,750.00	$ 5,750.00	1	$ 1,500.00	$ 1,500.00	1	$ 15,233.00	$ 15,233.00
23	As-Built Documentation	LS	1	$ 14,000.00	$ 14,000.00	1	$ 10,000.00	$ 10,000.00	1	$ 17,435.00	$ 17,435.00
24	SWPPP Management	LS	1	$ 12,155.00	$ 12,155.00	1	$ 1,750.00	$ 1,750.00	1	$ 16,000.00	$ 16,000.00
25	Conduit and Tracer Wire Acceptance Testing	LS	1	$ 11,204.75	$ 11,204.75	1	$ 15,500.00	$ 15,500.00	1	$ 26,470.00	$ 26,470.00
26	Potholing of Installed Conduit	EA	50	$ 120.00	$ 6,000.00	50	$ 150.00	$ 7,500.00	50	$ 250.00	$ 12,500.00
27	Surfacing, Class A Crushed Stone	TON	150	$ 57.67	$ 8,650.50	150	$ 80.00	$ 12,000.00	150	$ 75.00	$ 11,250.00
28	McGard Mm Lock Bolt System	EA	114	$ 75.09	$ 8,560.26	114	$ 75.00	$ 8,550.00	114	$ 880.00	$ 100,320.00
				Sub Total	$ 890,736.51		Sub Total	$ 948,170.30		Sub Total	$ 1,557,825.25

Unit Price Extension Discrepancies:

Conduit, Railroad Auger Bore, HDPE, 4 In. Dia No Unit Price or Extended Price Given (Left Blan



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SCALE

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WEST DES MOINES
FIBER INTER-CONNECT
BLUE ROUTE

WEST DES MOINES, IOWA

CIVIL DESIGN ADVANTAGE

3405 SE CROSSROADS DRIVE, SUITE G
GRIMES, IOWA 50111
PH: (515) 369-4400 FAX: (515) 369-4410

ENGINEER:

TECH: