File

City of Hiawatha

Engineering Department

101 Emmons St., Hiawatha Iowa, 52233-1697
PHONE (319) 393-1515 ext. 511 FAX (319) 393-1516

To: Mayor and City Council **Date: February 10, 2017**

From: John Bender PE, City Engineer

Re: 2015 Sewer and Water Extension Project

Description: Approval of Partial Payment No. 5 (FINAL)

Report:

See attached partial payment No.5 (FINAL) prepared by MSA Professional Services for the 2015 Sewer and Water Extension project. This payment is for work completed and the project is now substantially complete. The project is ready for acceptance by the Council. **The total cost of the project is $18,621.14 under the original contract amount.**

Recommendation:

Engineering recommends approval of Partial Payment No. 5 (FINAL) to Ricklefs Excavation LTD in the amount of $ 134,493.94. After the 30 day waiting period, the final 5% retainage can be released providing no claims have been filed with the City Clerk. That amount to be released is $63,187.89.

However, MSA professional service recommends that $2,000 be held from the final released retainage until June 1, 2017. Item 38, hydro seeding and mulch binder was not completed until late fall. The recommendation is to hold the $2,000 until the seeding has fully developed. The contractor has agreed to this process.

If you need any further information, please let me know.

Contractor's Application For Payment No. ____5_(FINAL)

To (Owner): City of Hiawatha	Application Period: 08/12/2016-02/08/2017	Application Date: 02/01/2016
Project: Hiawatha Water and Sewer Extension	From (Contractor): Ricklefs Excavating, Inc.	Notice to Proceed Date: 12/21/2015
	Contract: —	Via (Engineer)
Owner's Contract No.:	Contractor's Project No.:	Engineer's Project No.: 07808006

Application for Payment

Change Order Summary

Approved Change Orders		
Number	Additions	Deductions
1	$ 7,272.00	
2	$ -	
3	$ 3,444.48	
4		$ 6,002.41
5		$ 23,335.21
TOTALS	$10,716.48	$29,337.62
NET CHANGE BY CHANGE ORDERS		-$18,621.14

1. ORIGINAL CONTRACT PRICE	$	1,282,379.00
2. Net change by Change Orders	$	-18,621.14
3. CURRENT CONTRACT PRICE (Line 1 ± 2)	$	1,263,757.86
4. TOTAL COMPLETED AND STORED TO DATE (Column G on Progress Estimate)	$	1,263,757.86
5. RETAINAGE:		
a. __5__ % x $_____ Work Completed	$	63,187.89
b. __0__ % x $_____ Stored Material	$	0.00
c. Total Retainage (Line 5a + Line 5b)	$	63,187.89
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c)	$	1,200,569.97
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	$	1,066,076.03
8. AMOUNT DUE THIS APPLICATION	$	**134,493.94**
9. BALANCE TO FINISH, PLUS RETAINAGE (Column I on Progress Estimate + Line 5 above)	$	63,187.89

Contractor's Certification

The undersigned Contractor certifies that: (1) all previous progress payments received from Owner on account of Work done under the Contract have been applied on account to discharge Contractor's legitimate obligations incurred in connection with Work covered by prior Applications for Payment; (2) title of all Work, materials and equipment incorporated in said Work or otherwise listed in or covered by this Application for Payment will pass to Owner at time of payment free and clear of all Liens, security interests and encumbrances (except such as are covered by a Bond acceptable to Owner indemnifying Owner against any such Liens, security interest or encumbrances); and (3) all Work covered by this Application for Payment is in accordance with the Contract Documents and is not defective.

By: _____ Date: 1/31/17

Payment of: $_____ 134,493.94
(Line 8 or other - attach explanation of other amount)

is recommended by: _____ (Engineer) 2-6-17 (Date)

Payment of: $_____ 134,493.94
(Line 8 or other - attach explanation of other amount)

is approved by: _____ (Owner) _____ (Date)

Approved by: Not Applicable
Funding Agency (if applicable) _____ (Date)

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Progress Estimate

Contractor's Application

For (contract): Hiawatha Water and Sewer Extension

Application Period:

Application Number: 5

Application Date: 2/1/2017

BID ITEM NO	STD ITEM NO	DESCRIPTION	QTY	UNIT PRICE	EXTENSION	Work Completed: From Previous Application	Work Completed: Quantity this Period	Work Completed: Value this Application	Materials Presently Stored (not in C or D)	Total Completed and Stored to Date: $ (C + E + F)	Total Completed and Stored to Date: % (G / H)	Balance to Finish (H - G)
		A			H	C	D	E	F	G		I
1	01100-01	Mobilization	1	$ 30,000.00	$ 30,000.00	$27,900.00	0.07	$2,100.00	$0.00	$30,000.00	1.00	$0.00
2	01100-10	Construction Survey	1	$ 5,000.00	$ 5,000.00	$5,000.00	0.00	$0.00	$0.00	$5,000.00	1.00	$0.00
3	01110-01	Trench Compaction Testing	1	$ 1,000.00	$ 1,000.00	$1,000.00	0.00	$0.00	$0.00	$1,000.00	1.00	$0.00
4	01110-02	Subgrade and Subbase Compaction Testing	1	$ 100.00	$ 100.00	$100.00	0.00	$0.00	$0.00	$100.00	1.00	$0.00
5	01110-03	Concrete Maturity Testing for PCC Pavement	1	$ 10.00	$ 10.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$10.00
6	01200-01	Traffic Control	1	$ 2,850.00	$ 2,850.00	$2,137.50	0.25	$712.50	$0.00	$2,850.00	1.00	$0.00
7	01300-01	Temporary Erosion and Sediment Controls	1	$ 500.00	$ 500.00	$0.00	1.00	$500.00	$0.00	$500.00	1.00	$0.00
8	01400-01	Clearing and Grubbing	1	$ 1,000.00	$ 1,000.00	$500.00	0.50	$500.00	$0.00	$1,000.00	1.00	$0.00
9	02000-00	Dewatering (Wet Well & Gravity Sewer)	1	$ 1,000.00	$ 1,000.00	$1,000.00	0.00	$0.00	$0.00	$1,000.00	1.00	$0.00
10	02000-02	Strip and Respread Topsoil	1	$ 1,000.00	$ 1,000.00	$100.00	0.90	$900.00	$0.00	$1,000.00	1.00	$0.00
11	02000-10	Rock Excavation	100	$ 45.00	$ 4,500.00	$5,445.00	0.00	$0.00	$0.00	$5,445.00	1.21	-$945.00
12	02100-50	Granular Subbase (4" Macadam)	1,225	$ 5.00	$ 6,125.00	$0.00	1,225.00	$6,125.00	$0.00	$6,125.00	1.00	$0.00
13	02200-20	Granular Backfill	2,300	$ 13.00	$ 29,900.00	$10,046.79	276.00	$3,588.00	$0.00	$13,634.79	0.46	$16,265.21
14	02300-01	Sanitary Sewer Gravity Main: 6" DIA PVC Truss, Open Cut	21	$ 40.00	$ 840.00	$840.00	0.00	$0.00	$0.00	$840.00	1.00	$0.00
15	02300-01	Sanitary Sewer Gravity Main: 8" DIA PVC Truss, Open Cut	2,891	$ 42.00	$ 121,422.00	$121,422.00	0.00	$0.00	$0.00	$121,422.00	1.00	$0.00
16	02300-01	Sanitary Sewer Gravity Main: 12" DIA D.I. Pipe, Open Cut	194	$ 78.00	$ 15,132.00	$15,132.00	0.00	$0.00	$0.00	$15,132.00	1.00	$0.00
17	02300-01	Sanitary Sewer Gravity Main: 8" DIA PVC C900 CertaLok (or equal), Directionally Drilled	235	$ 100.00	$ 23,500.00	$23,500.00	0.00	$0.00	$0.00	$23,500.00	1.00	$0.00
18	02300-01	Sanitary Sewer Gravity Main: 12" DIA PVC Truss, Open Cut	60	$ 50.00	$ 3,000.00	$3,000.00	0.00	$0.00	$0.00	$3,000.00	1.00	$0.00
19	02300-20	Sanitary Sewer Manholes (4' Inside DIA)	15	$ 3,500.00	$ 52,500.00	$52,500.00	0.00	$0.00	$0.00	$52,500.00	1.00	$0.00
20	02300-30	Sanitary Sewer Force Main: 8" DIA PVC C900 CertaLok (or equal), Directionally Drilled	4,525	$ 34.00	$ 153,850.00	$153,850.00	0.00	$0.00	$0.00	$153,850.00	1.00	$0.00
21	02300-30	Sanitary Sewer Force Main (8" Plug Valve)	1	$ 2,650.00	$ 2,650.00	$2,650.00	0.00	$0.00	$0.00	$2,650.00	1.00	$0.00
22	02300-50	Core Drill Connection to Existing Sanitary Sewer Manhole	1	$ 400.00	$ 400.00	$400.00	0.00	$0.00	$0.00	$400.00	1.00	$0.00
23	02400-20	Culvert Pipe: 24" DIA CMP Storm Sewer, Salvage and Reinstall	65	$ 10.00	$ 650.00	$650.00	0.00	$0.00	$0.00	$650.00	1.00	$0.00
24	02400-20	Culvert Pipe: 18" DIA CMP Storm Sewer	10	$ 30.00	$ 300.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$300.00
25	02400-20	Culvert Pipe: 36" DIA CMP Storm Sewer	78	$ 55.00	$ 4,290.00	$4,290.00	0.00	$0.00	$0.00	$4,290.00	1.00	$0.00
26	02500-01	Water Main: 12" DIA PVC C900 CertaLok (or equal), (Directionally Drilled)	5,600	$ 50.00	$ 280,000.00	$280,000.00	0.00	$0.00	$0.00	$280,000.00	1.00	$0.00
27	02500-01	Water Main: 6" DIA Ductile Iron Hydrant Lead	145	$ 70.00	$ 10,150.00	$9,800.00	0.00	$0.00	$0.00	$9,800.00	0.97	$350.00
28	02500-20	Furnish and Install 12" Valve and Box	10	$ 1,800.00	$ 18,000.00	$16,200.00	0.00	$0.00	$0.00	$16,200.00	0.90	$1,800.00
29	02500-31	Blow-Off Assemblies: Furnish and Install Automatic Water Main Flushing Devise Eclipse #9800 or Equal	1	$ 4,000.00	$ 4,000.00	$4,000.00	0.00	$0.00	$0.00	$4,000.00	1.00	$0.00
30	02500-50	Furnish and Install 6" Fire Hydrant and Valve	8	$ 3,650.00	$ 29,200.00	$29,200.00	0.00	$0.00	$0.00	$29,200.00	1.00	$0.00
31	02500-60	Disinfection and Hydrostatic Testing	1	$ 250.00	$ 250.00	$125.00	0.50	$125.00	$0.00	$250.00	1.00	$0.00
32	02700-01	Portland Cement Concrete (PCC) Pavement (7" Min Thickness over 6" Class A Roadstone, Remove and Replace)	165	$ 55.00	$ 9,075.00	$9,075.00	0.00	$0.00	$0.00	$9,075.00	1.00	$0.00
33	02700-20	Portland Cement Concrete (PCC) Driveway (6" Pavement over 6" of Compacted Class A Roadstone, Remove and Replace)	65	$ 50.00	$ 3,250.00	$3,250.00	0.00	$0.00	$0.00	$3,250.00	1.00	$0.00
34	02750-01	Hot Mix Asphalt Concrete (ACC) Pavement (4" ACC Over 6" of Compacted Class A Roadstone, Remove and Replace)	215	$ 35.00	$ 7,525.00	$3,920.00	0.00	$0.00	$0.00	$3,920.00	0.52	$3,605.00
35	02800-40	Aggregate Surfacing (6" Class A Roadstone for Lift Station Driveway)	1,160	$ 6.00	$ 6,960.00	$0.00	1,160.00	$6,960.00	$0.00	$6,960.00	1.00	$0.00
36	02850-01	Pavement Markings, Paint	1	$ 1,350.00	$ 1,350.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$1,350.00
37	02900-01	Imported Topsoil (contingency)	50	$ 12.00	$ 600.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$600.00
38	02900-12	Hydroseeding with Liquid Mulch Binder	1	$ 10,000.00	$ 10,000.00	$0.00	1.00	$10,000.00	$0.00	$10,000.00	1.00	$0.00
39	02910-01	Plantings (Ivory Halo Dogwood (Cornus Alba Bailhalo'))	9	$ 250.00	$ 2,250.00	$0.00	9.00	$2,250.00	$0.00	$2,250.00	1.00	$0.00
40	02910-01	Plantings (Compact American Cranberry Viburnum (Viburnum Trilobum 'Bailey Compact'))	9	$ 250.00	$ 2,250.00	$0.00	9.00	$2,250.00	$0.00	$2,250.00	1.00	$0.00
41	02950-01	Fencing: Black Vinyl Chain Link Fencing (8' High)	150	$ 30.00	$ 4,500.00	$0.00	150.00	$4,500.00	$0.00	$4,500.00	1.00	$0.00
42	02950-10	Gates (20' Lift Station Access Gate)	1	$ 1,500.00	$ 1,500.00	$0.00	1.00	$1,500.00	$0.00	$1,500.00	1.00	$0.00
43	-	Package Lift Station (See Specifications for Complete List)	1	$ 400,000.00	$ 400,000.00	$327,880.00	0.18	$72,120.00	$0.00	$400,000.00	1.00	$0.00
44	16010-00	Electrical (Lift Station Electrical Service)	1	$ 30,000.00	$ 30,000.00	$0.00	1.00	$30,000.00	$0.00	$30,000.00	1.00	$0.00
CO-1						$ 7,272.00				$7,272.00		
CO-2						$0.00				$0.00		
CO-3								$ 3,444.48		$3,444.48		
CO-4								$ (6,002.41)		-$6,002.41		
CO-5								$ (23,335.21)				-$23,335.21
		Totals			$ 1,282,379.00	$1,122,185.29		$118,237.36		$1,263,757.86		

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

Stored Material Summary

Contractor's Application

For (contract):	Hiawatha Water and Sewer Extension	Application Number:	5
Application Period:		Application Date:	

A	B	C	D		E		F		G
			Stored Previously		Stored this Month		Incorporated in Work		Materials Remaining in (D + E - F)
Invoice No.	Shop Drawing Transmittal No.	Materials Description	Date (Month/Year)	Amount ($)	Amount ($)	Subtotal	Date (Month/Year)	Amount ($)	
		Totals							$0.00

Prepared by the Engineers' Joint Contract Documents Committee and endorsed by the Associated General Contractors of America and the Construction Specifications Institute.

DRAFT

RESOLUTION NO. 17-
City Council

RESOLUTION APPROVING (FINAL) PAY ESTIMATE #5
2015 Water and Sewer Extension Project

WHEREAS, the City Council of the City of Hiawatha contracted with Ricklefs Excavating, Ltd. of Anamosa, Iowa for the 2015 Water and Sewer Extension Project, and

WHEREAS, application for (Final) Pay Estimate #5 (five) in the amount of $134,493.94 has been received in the Clerk's Office, and

WHEREAS, the City Engineer has certified that said project has been completed in compliance with the plans and specifications and recommended payment of the Final Pay Estimate #5, and

NOW, THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA, hereby accepting the 2015 Water and Sewer Extension Project, constructed by Ricklefs Excavating, Ltd., approving application for (Final) Pay Estimate #5 and directing City Clerk to make payment to Ricklefs Excavating, Ltd. of Anamosa, Iowa, in the amount of $134,493.94 immediately. Five (5) percent retainage in the amount of $63,187.89 will be released after thirty (30) days has elapsed from the date of acceptance if no claims against the project are filed.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 15th day of February, 2017.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kelly Kornegor, City Clerk