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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:** **August 30, 2016**

From: John Bender PE, City Engineer

Re: **2015 Sewer and Water Extension Project**

Description: Approval of Partial Payment No. 4

Report:

See attached report from MSA Professional Services and partial payment No.4 to Ricklefs Excavating for 2015 Sewer and Water Extension Project. The project is approximately 80% at this time.

Almost all the sewer and water main pipe has been installed and the pump station is constructed. The project is on schedule for start up on September 7th.

Recommendation:

Engineering recommends approval of Partial Payment No. 4 to Ricklefs Excavating in the amount of $66,490.50.

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

PROJECT UPDATE | A Review of MSA Projects in Your Community

City of Hiawatha, IA

CLIENT LIAISONS:

Joe Elsinger, P.E.
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msaur@msa-ps.com

DATE:

August 17, 2016

2016 Water and Sewer Extension Construction

Construction on the sewer and water extension project is continuing. The contractor, Ricklefs Excavating LTD, has installed all of the water main, gravity sewer, and sewer force main in the project and has successfully tested most of the piping.

Construction on the lift station is ongoing, with startup yet to occur. The lift station building and generator and submersible pumps have been installed.

Milestone #1 for the project is August 22nd and Final Completion is September 21st 2016. Milestone #1 consists construction, installation and successful of testing of all pipe, the generator, and the lift station. It is yet to be determined if Milestone #1 will be met.

Ricklefs has submitted for consideration **Pay Application #4** in the amount of **$66,490.50** for construction to date. This pay app is mostly for work associated with the lift station.

Pay Application #4 brings the project to 83% completion. MSA has reviewed quantities and recommends payment. Find attached the pay application.

If you have any questions about this project please don't hesitate to contact us.

Thank you,

Joe Elsinger, P.E.

Contractor's Application For Payment No. 4

To (Owner): City of Hiawatha	Application Period: 6/3/2016-08/12/2016	Application Date: 08/12/2016
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	$0.00	
TOTALS	$7,272.00	$0.00
NET CHANGE BY CHANGE ORDERS		$7,272.00

1. ORIGINAL CONTRACT PRICE	$	1,282,379.00
2. Net change by Change Orders	$	7,272.00
3. CURRENT CONTRACT PRICE (Line 1 ± 2)	$	1,289,651.00
4. TOTAL COMPLETED AND STORED TO DATE (Column G on Progress Estimate)	$	1,122,185.29
5. RETAINAGE:		
a. 5 % x $ _____ Work Completed	$	56,109.26
b. 5 % x $ _____ Stored Material	$	0.00
c. Total Retainage (Line 5a + Line 5b)	$	56,109.26
6. AMOUNT ELIGIBLE TO DATE (Line 4 - Line 5c)	$	1,066,076.03
7. LESS PREVIOUS PAYMENTS (Line 6 from prior Application)	$	999,585.53
8. AMOUNT DUE THIS APPLICATION	$	66,490.50
9. BALANCE TO FINISH, PLUS RETAINAGE (Column I on Progress Estimate + Line 5 above)	$	223,574.97

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: 8-15-16

Payment of: $ 66,490.50
(Line 8 or other - attach explanation of other amount)

is recommended by: _____ (Engineer) 8-15-16 (Date)

Payment of: $ 66,490.50
(Line 8 or other - attach explanation of other amount)

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

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

Progress Estimate

Contractor's Application

For (contract): Hiawatha Water and Sewer Extension

Application Period:

Application Number: 4

Application Date: 8/12/2016

		A			B	C	D	E	F	G	H	I
						Work Completed			Materials Presently Stored	Total Completed and Stored to Date		Balance to Finish
BID ITEM NO.	STD ITEM NO.	DESCRIPTION	QTY	UNIT PRICE	EXTENSION	From Previous Application	Quantity this Period	Value this Application	(not in C or D)	$ (C + E + F)	% (G / B)	(B - G)
1	01100-01	Mobilization	1	$ 30,000.00	$ 30,000.00	$26,400.00	0.05	$1,500.00	$0.00	$27,900.00	0.93	$2,100.00
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	$600.00	0.40	$400.00	$0.00	$1,000.00	1.00	$0.00
4	01110-02	Subgrade and Subbase Compaction Testing	1	$ 100.00	$ 100.00	$0.00	1.00	$100.00	$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	0.00	$0.00	$0.00	$2,137.50	0.75	$712.50
7	01300-01	Temporary Erosion and Sediment Controls	1	$ 500.00	$ 500.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$500.00
8	01400-01	Clearing and Grubbing	1	$ 1,000.00	$ 1,000.00	$500.00	0.00	$0.00	$0.00	$500.00	0.50	$500.00
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	0.00	$0.00	$0.00	$100.00	0.10	$900.00
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	0.00	$0.00	$0.00	$0.00	0.00	$6,125.00
13	02200-20	Granular Backfill	2,300	$ 13.00	$ 29,900.00	$10,046.79	0.00	$0.00	$0.00	$10,046.79	0.34	$19,853.21
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	$0.00	1.00	$2,650.00	$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	$0.00	1.00	$400.00	$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	$0.00	65.00	$650.00	$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	$0.00	78.00	$4,290.00	$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	0.00	$0.00	$0.00	$125.00	0.50	$125.00
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	0.00	$0.00	$0.00	$0.00	0.00	$6,960.00
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	0.00	$0.00	$0.00	$0.00	0.00	$10,000.00
39	02910-01	Plantings (Ivory Halo Dogwood (Cornus Alba Bailhalo'))	9	$ 250.00	$ 2,250.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$2,250.00
40	02910-01	Plantings (Compact American Cranberry Viburnum (Viburnum Trilobum 'Bailey Compact'))	9	$ 250.00	$ 2,250.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$2,250.00
41	02950-01	Fencing: Black Vinyl Chain Link Fencing (8' High)	150	$ 30.00	$ 4,500.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$4,500.00
42	02950-10	Gates (20' Lift Station Access Gate)	1	$ 1,500.00	$ 1,500.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$1,500.00
43	-	Package Lift Station (See Specifications for Complete List)	1	$ 400,000.00	$ 400,000.00	$267,880.00	0.15	$60,000.00	$0.00	$327,880.00	0.82	$72,120.00
44	16010-00	Electrical (Lift Station Electrical Service)	1	$ 30,000.00	$ 30,000.00	$0.00	0.00	$0.00	$0.00	$0.00	0.00	$30,000.00
CO-1					$ 7,272.00	$7,272.00				$7,272.00		$0.00
CO-2					$0.00			$0.00				
		Totals			$ 1,282,379.00	$1,052,195.29		$69,990.00		$1,122,185.29		$167,465.71

Stored Material Summary

Contractor's Application

For (contract):	Hiawatha Water and Sewer Extension				Application Number: 4				
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

DRAFT

RESOLUTION NO. 16-
City Council

RESOLUTION APPROVING PARTIAL PAY ESTIMATE #4
FY 2015 Water and Sewer Extension Project

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

WHEREAS, application for Partial Pay Estimate #4 (four) in the amount of $66,490.50 has been received in the Clerk's Office, and

WHEREAS, the City of Hiawatha has received recommendation from the City Engineer to make payment, and

NOW, THEREFORE BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF HIAWATHA, IOWA to approve application for Partial Pay Estimate #4 for the FY 2015 Water and Sewer Extension Project, and direct City Clerk to make payment to Ricklefs Excavating, Ltd. of Anamosa, Iowa, in the amount of $66,490.50.

AYES:
NAYS:
ABSENT:

PASSED AND APPROVED this 7th day of September, 2016.

_____
Bill Bennett, Mayor

ATTEST:

_____
Kelly Kornegor, City Clerk