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COMMUNITY DEVELOPMENT

Planning,
Zoning,
Building Safety,
Construction Inspection Services,
Public Health,
Housing Inspections,
Code Enforcement

MEMORANDUM

To: Mayor and City Council Members
Cc: Gregg Mandsager, City Administrator
From: Steven Boka, Director of Community Development
Date: May 9, 2013
Re: AIP Project 3-19-0063-15 Close-out

INTRODUCTION: On August 18, 2011, the City of accepted a grant agreement with the FAA to provide funding for the Project identified as AIP Project No. 3-19-0063-15 "Rehabilitate Runway Lighting".

BACKGROUND: Following the preparations of plans and specifications, the Project was bid and a contract was awarded to Kimrey Electric of Urbandale, Iowa in the amount of \$325,005.30 by City Council Resolution No. 91785-0911, dated September 1, 2011. The lighting project consisted of replacing damaged direct burial conductors adjacent to the primary runway and taxiway with new lighting conductors in protected conduit. The Project was substantially completed in late 2011 but project close-out has been delayed for final seeding and grading.

RECOMMENDATION/RATIONALE: On May 7, 2013, the City was notified by the project engineer from Anderson-Bogert Engineers and Surveyors that all work has now been completed and is ready for final acceptance by the City. It is recommended that the City Council take action to approve the attached resolution accepting final work and authorizing the final payment to Kimrey Electric for the work performed on AIP Project No. 3-19-0063-15 "Rehabilitate Runway Lighting".

BACKUP INFORMATION:

1. Resolution
2. Engineers Recommendation
3. Final Pay Application

RESOLUTION NO. _____

**RESOLUTION ACCEPTING COMPLETED WORK PERFORMED UNDER
AIP PROJECT NO. 3-19-0063-15 REHABILITATE RUNWAY LIGHTING AT
THE MUSCATINE MUNICIPAL AIRPORT**

WHEREAS, the City of Muscatine approved the Plans, Specifications, and Form of Contract for AIP Project No. 3-19-0063-15 – Rehabilitate Runway Lighting at the Muscatine Municipal Airport; and

WHEREAS, the City of Muscatine entered into a contract for said project with Kimrey Electric, for \$325,005.30 with one (1) change order reducing the original contract as a deduct of \$13,996.00, for a total of \$311,009.30, and

WHEREAS, work under said contract has been completed by Kimrey Electric and has been approved and accepted by Anderson-Bogert Engineers & Surveyors, engineers for the City as having met the requirements of the Plans and Specifications adopted by this Council; and

WHEREAS, the amount of \$3,700.00 is now due and payable to Kimrey Electric Inc., which leaves a retainage of \$2,000.00 to close out the Project;

NOW, THEREFORE, BE IT RESOLVED BY THE CITY COUNCIL OF THE CITY OF MUSCATINE, IOWA, that the City hereby accepts all work under the AIP Project No. 3-19-0063-15, Rehabilitate Runway Lighting and hereby authorizes that payment be made to Kimrey Electric, for \$3,700.00, which represents the costs for substantial completion under said contract.

BE IT FURTHER RESOLVED that the final retainage payment of \$2,000.00 be paid to Kimrey Electric., within thirty (30) days from the date of the adoption of this Resolution.

PASSED, APPROVED, AND ADOPTED this 16th day of May, 2013.

**CITY COUNCIL OF THE CITY OF
MUSCATINE, IOWA**

ATTEST:

DeWayne Hopkins, Mayor

Gregg Mandsager, City Clerk



**ANDERSON
BOGERT**

4001 River Ridge Drive NE
Cedar Rapids, IA 52402
Office: (319) 377-4629
Fax: (319) 377-8498

May 7, 2013

Mr. Steve Boka
City of Muscatine
215 Sycamore Street
Muscatine, IA 52761

RE: MUSCATINE MUNICIPAL AIRPORT
REHABILITATE RUNWAY LIGHTING
AIP PROJECT NO. 3-19-0063-15

Dear Steve:

As stated in our agreement for this project, we have provided professional observations of the above referenced project whenever construction was in progress, to assure substantial compliance with the plans, specifications, and contract documents.

From our observations and knowledge, we feel that the project is complete and is in substantial compliance with all contract documents; therefore, we recommend that the City proceed with closing-out the project and with accepting the final work.

Yours very truly,

ANDERSON-BOGERT
Engineers & Surveyors, Inc.

Jayne C. DeCoste, P.E.

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Final Pay Application
Kimrey Electric

Muscatine Municipal Airport
Rehabilitate Runway Lighting

5/9/13

ORIGINAL CONTRACT SUM	\$325,005.30
Net change by Change Orders	-\$13,996.00
CONTRACT SUM TO DATE	\$311,009.30
TOTAL COMPLETED TO DATE*	\$305,678.40
RETAINAGE	\$2,000.00
TOTAL EARNED LESS RETAINAGE	\$303,678.40
LESS PREVIOUS CERTIFICATES FOR PAYMENT	\$299,978.40
CURRENT PAYMENT DUE	\$3,700.00

ENGINEER'S CERTIFICATE FOR PAYMENT

In accordance with the Contract Documents, based on on-site observations and the data comprising the above application, the Engineer certifies to the Owner that to the best of the Engineer's knowledge, information and belief the Work has progressed as indicated, the quality of the Work is in accordance with the Contract Documents, and the contractor is entitled to payment of the Current Payment Due.

ENGINEER:

By: John C. Rost

Date: 5/9/13

*Refer to attached two page breakdown for details.

CONSULTING ENGINEER:		CONTRACTOR:			
ANDERSON-BOGERT Engineers and Surveyors, Inc. 4001 River Ridge Dr. N.E. Cedar Rapids, IA 52402		Kimrey Electric 4862 NW 84th Street Urbandale, IA 50322			
BASE BID – Schedule A					
ITEM DESCRIPTION	QTY	UNIT	UNIT PRICE	AMOUNT	
1. Mobilization	1	LS	\$18,000.00	\$18,000.00	
2. L-110: 2" PVC Conduit - Trenched	746	LF	\$1.50	\$1,119.00	
3. L-110: 2" PVC Conduit - Bored	20	LF	\$12.00	\$240.00	
4. L-867: Modifications to Existing Light base for Conduit Connection	73	EA	\$150.00	\$10,950.00	
5. L-108: U.G. Cable Installed In Conduit	21,731	LF	\$1.20	\$26,077.20	
6. L-108: Trenching	586	LF	\$1.20	\$703.20	
7. L-108: Bare Counterpoise Installed in Trench	1,504	LF	\$0.60	\$902.40	
8. L-115: Precast Polymer Concrete Handhole	0	EA	\$3,000.00	\$0.00	
9. L-867: Light Base	4	EA	\$400.00	\$1,600.00	
10. L-828: 10 KW Ferroresonant Regulator	1	EA	\$10,500.00	\$10,500.00	
11. Remove Existing Regulator	1	EA	\$1,400.00	\$1,400.00	
12. Seeding	1	EA	\$3,000.00	\$3,000.00	
13. 1" HDPE Conduit, Plowed-In	14,785	LF	\$1.20	\$17,742.00	
14. Plowing	13,810	LF	\$1.00	\$13,810.00	
15. Additional Traffic Control	1	LS	\$1,900.00	\$1,900.00	
16. #10 (USE) Control Cable Installed in Duct	4,062	LF	\$0.90	\$3,655.80	
17. Base Can Plaza (L-867D)	2	EA	\$3,000.00	\$6,000.00	
TOTAL Schedule A				\$117,599.60	
ADD ALTERNATE #1 – Schedule B					
1. L-110: 2" PVC Conduit – Trenched	0	LF	\$1.50	\$0.00	
2. L-110: 2" PVC Conduit – Bored	10	LF	\$12.00	\$120.00	
3. L-867: Modifications to Existing Light base for Conduit Connection	146	EA	\$150.00	\$21,900.00	
4. L-108: U.G. Cable Installed In Conduit	16,836	LF	\$1.20	\$20,203.20	
5. L-108: Trenching	0	LF	\$1.20	\$0.00	
6. L-108: Bare Counterpoise Installed in Trench	0	LF	\$0.60	\$0.00	
7. L-115: Precast Polymer Concrete Handhole	0	EA	\$3,000.00	\$0.00	
8. T-901 Seeding	1	LS	\$4,000.00	\$4,000.00	
9. 1" HDPE Conduit, Plowed-In	15,668	LF	\$1.20	\$18,801.60	
10. Plowing	15,029	LF	\$1.00	\$15,029.00	
11. Base Can Plaza (L-867D)	2	EA	\$3,000.00	\$6,000.00	
TOTAL ADD ALTERNATE #1				\$86,053.80	

CONSULTING ENGINEER:			CONTRACTOR:		
ITEM DESCRIPTION		QTY	UNIT	UNIT PRICE	AMOUNT
ADD ALTERNATE #2 – Schedule C					
1. Sockets	L-861: Medium Intensity Runway Edge Light Fixtures, 30" Height, with 2 Pin Quartz Bulbs and Sockets	73	EA	\$210.00	\$15,330.00
2. L-830: Transformers		73	EA	\$150.00	\$10,950.00
3. Remove and Salvage Existing Light Fixtures		73	EA	\$40.00	\$2,920.00
4. Remove and Salvage Existing Transformers		73	EA	\$40.00	\$2,920.00
TOTAL ADD ALTERNATE #2					\$32,120.00
ADD ALTERNATE #3 – Schedule D					
1. L-828: 10 KVA Ferroresonant Regulator		1	EA	\$10,500.00	\$10,500.00
2. Remove Existing Regulator		1	EA	\$1,400.00	\$1,400.00
TOTAL ADD ALTERNATE #3					\$11,900.00
ADD ALTERNATE #4 – Schedule E					
1. Sockets	L-861: Medium Intensity Taxiway Edge Light Fixtures, 24" Height, with 2 Pin Quartz Bulbs and Sockets	133	EA	\$210.00	\$27,930.00
2. L-830: Transformers		138	EA	\$110.00	\$15,180.00
3. Remove and Salvage Existing Light Fixtures		133	EA	\$40.00	\$5,320.00
4. Remove and Salvage Existing Transformers		151	EA	\$40.00	\$6,040.00
5. L-830 Sign Transformers - 2 Mod, Watt		8	EA	\$245.00	\$1,960.00
6. L-830 Sign Transformers - 3 Mod, 200 Watt		5	EA	\$315.00	\$1,575.00
TOTAL ADD ALTERNATE #4					\$58,005.00
TOTAL COMPLETED TO DATE					\$305,678.40