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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:** August 26, 2011  
**Re:** Rehabilitate Runway Lighting – Change Order No. 1

**INTRODUCTION:** The City recently executed a grant Agreement with the FAA for the project identified as “Rehabilitate Runway Lighting” at the Muscatine Municipal Airport. This project will permit the outdated and damaged direct burial lighting cable and runway light fixtures to be replaced with new protected wiring and light fixtures serving runway 6/24 and the parallel taxiway for that runway.

**BACKGROUND:** The City accepted the low bid for the lighting upgrade from Kimrey Electric of Des Moines in the amount of \$325,005.30. The City Council is expected to approve the contract and bond for this project during the September 1, 2011 meeting. Once the contract and bond is approved, the city and FAA will issue a “Notice to Proceed” to the contractor and the lighting project can begin.

During a recent review of the project scope during a preconstruction conference, a change to the specifications was discussed that will permit an alternate form of conduit to be used that will reduce the overall cost of the project, speed up delivery of the materials needed to get the project underway, and still provide the level of protection required for the electrical conductors.

**RECOMMENDATION/RATIONALE:** The engineer for the City has prepared a change order for the project for City Council consideration. If approved, Change Order No. 1 will result in a reduction to the overall cost of this project in the amount of \$13,995.50. It is recommended that City Council approve Change Order No. 1 for the project identified as “Rehabilitate Runway Lighting”.

### BACKUP INFORMATION:

1. Change Order No. 1

ANDERSON-BOGERT  
Engineers & Surveyors, Inc.  
4001 River Ridge Drive NE  
Cedar Rapids, IA 52402

## CHANGE OR EXTRA WORK ORDER

No. 1

<b>Project No.</b>	<u>AIP # 3-19-0063-15</u>	<b>County</b>	<u>Muscatine</u>
<b>Project Name</b>	<u>Muscatine Municipal Airport – Rehabilitate Runway Lighting</u>		
<b>Kind of Work</b>	<u>Lighting</u>	<b>Date Prepared</b>	<u>8-26-11</u>
<b>Contractor</b>	<u>Kimrey Electric</u>		

You are hereby ordered to make the following changes from the plans or do the following extra work on your contract dated September 1, 2011.

### **A. - Description of change to be made or extra work to be done:**

Substitute plowed-in cable-in-conduit for trenched-in conduit and separate wire.

### **B. - Reason for ordering change or extra work:**

1. Cost reduction through value engineering.
2. Reduction of intermediate times and total time runways and taxiways will need to be closed.

### **C - Settlement for cost of work to be made as follows:**

Total deduction of \$13,995.50.

### **D - Add To Items Included In Contract**

ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	ADD QUANTITY	ADD AMOUNT
	NONE AT THIS TIME			
ADD SUBTOTAL				

## E - Deduct From Items Included In Contract

ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	DEDUCT QUANTITY	DEDUCT AMOUNT
A2.	L-110: 2" PVC Conduit - Trenched	\$1.50	13,281	\$19,921.50
A6.	L-108: Trenching	\$1.20	13,281	\$15,937.20
B1.	L-110: 2" PVC Conduit - Trenched	\$1.50	14,710	\$22,065.00
B6.	L-108: Trenching	\$1.20	14,710	\$17,652.00
			DEDUCT SUBTOTAL	\$75,575.70

## F - Additional Items To Contract

ITEM NO.	ITEM DESCRIPTION	UNIT PRICE	ADD QUANTITY	ADD AMOUNT
A13.	1" HDPE Conduit - Plowed-In	\$1.20	13,281	\$15,937.20
A14.	Plowing	\$1.00	13,281	\$13,281.00
B9.	1" HDPE Conduit - Plowed-In	\$1.20	14,710	\$17,652.00
B10.	Plowing	\$1.00	14,710	\$14,710.00
			ADDITIONAL SUBTOTAL	\$61,580.20
			TOTAL ...	-\$13,995.50

Receipt is acknowledged of this change or extra work and terms of settlement are hereby agreed to. Approved contingent upon funds being available under the existing project agreement or upon Contractor additional funds being made available by a modified project agreement.

Kimrey Electric

Contractor

Date \_\_\_\_\_ Engineer \_\_\_\_\_

By \_\_\_\_\_

Date \_\_\_\_\_

Approved Date \_\_\_\_\_

By \_\_\_\_\_

Resolution # \_\_\_\_\_