



City Hall, 215 Sycamore St.
Muscatine, IA 52761-3840
(563) 262-4141
Fax (563) 262-4142

COMMUNITY DEVELOPMENT

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

To: Mayor and City Council Members
Cc: Gregg Mandsager, City Administrator
From: Steven Boka, Director of Community Development
Date: June 9, 2011
Re: Resolution Accepting the Low Bid – Airport Lighting Project

INTRODUCTION: The City of Muscatine was notified by the Federal Aviation Administration (FAA) that funding would be made available to rehabilitate runway lighting at the Muscatine Municipal Airport. This funding will allow the City to replace the direct burial conductors that have been repeatedly out of service at the airport that are associated with the lighting of runway 6/24 and the parallel taxiway for that runway.

BACKGROUND: The Municipal Airport has experienced repeated lighting outages associated with the runway lights located on runway 6/24 and the parallel taxiway serving that runway. As discussed previously with the City Council, the damage has been caused by the age of the conductors and rodents in the area. To correct this ongoing problem and keep the airport approach safe for the flying public, a program has been developed and approved that will consist of wildlife management and replacing the direct burial cable with protected conduit, updated conductors and lighting. Subsequently, plans & specifications were prepared and the project was let for bidding. On May 10th, the City opened bids for this project and a bid tabulation with a recommendation to accept the low bid received from Kimrey Electric was forwarded to the FAA for their concurrence. On May 16th, the FAA Regional Office in Kansas City notified my office of their concurrence of award.

As with other funding authorized by the FAA, the project would be paid through a 95% federal and 5% local share

RECOMMENDATION/RATIONALE: This project is awaiting final notification from our legislative delegation that funding has been awarded. To that end, Please place the attached resolution on the agenda for City Council consideration during the June 21st, 2011 meeting.

BACKUP INFORMATION:

1. Resolution
2. Bid Tabulation
3. FAA Concurrence Letter

"I remember Muscatine for its sunsets. I have never seen any
on either side of the ocean that equaled them" — Mark Twain

RESOLUTION NO. _____

**A RESOLUTION ACCEPTING THE LOW BID AND AWARDING
THE CONTRACT FOR MUNICIPAL AIRPORT
IMPROVEMENTS IDENTIFIED AS “REHABILITATE RUNWAY
LIGHTING”.**

(AIP Project No. 3-19-0063-15)

WHEREAS, the City Council for the City of Muscatine, Iowa, has authorized the preparation of plans and specifications, form of contract, cost estimate, and established a bid opening date for improvements at the Muscatine Municipal Airport runway lighting improvements, further known as Iowa AIP Project No. 3-19-0063-15; and

WHEREAS, the City opened bids for said project on May 10, 2011; and

WHEREAS, the City Council wishes to award the contract for said improvements subject to funding availability and concurrence of the award by the Federal Aviation Administration (FAA); and

WHEREAS, the City Council for the City of Muscatine, Iowa, determined that the following bid is the lowest responsible bid:

CONTRACTOR NAME & ADDRESS

AMOUNT OF BID

**Kimrey Electric
4862 NW 84th Street
Urbandale, Iowa 50322**

\$325,005.30

NOW, THEREFORE, BE IT RESOLVED by the City Council for the City of Muscatine, Iowa that the “RHABILITATE RUNWAY LIGHTING” Project further identified as **AIP NO. 3-19-0063-15** is hereby accepted and the contract awarded to **Kimrey Eelectric** for **\$325,005.30**, subject to funding availability and concurrence of award by the Federal Aviation Administration.

PASSED, APPROVED, AND ADOPTED by the City Council for the City of Muscatine, Iowa, on this, the 16th day of June, 2011.

Richard O’Brien, Mayor

ATTEST:

Gregg Mandsager, City Clerk

TABULATION OF BIDS

REHABILITATE RUNWAY LIGHTING
MUSCATINE MUNICIPAL AIRPORT
CITY OF MUSCATINE, IOWA
AIP PROJECT: 3-19-0063-15

LETTING DATE: 5/10/2011
LETTING TIME: 10:00 A.M.

CONSULTING ENGINEER: 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		Dickinson Co., Inc. 1616 D Avenue W Oskaloosa, IA 52577		K W Electric 1127 Lincoln Street Cedar Falls, IA 50613	
DBE Participation (Goal = 5.0%)				3.4%		5.1%		3.1%	
ITEM DESCRIPTION		QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
BASE BID – Schedule A									
1.	Mobilization	1	LS	\$18,000.00	\$18,000.00	\$10,000.00	\$10,000.00	\$25,000.00	\$25,000.00
2.	L-110: 2" PVC Conduit - Trenched	13,281	LF	\$1.50	\$19,921.50	\$1.40	\$18,593.40	\$1.50	\$19,921.50
3.	L-110: 2" PVC Conduit - Bored	250	LF	\$12.00	\$3,000.00	\$25.00	\$6,250.00	\$19.00	\$4,750.00
4.	L-867: Modifications to Existing Light base for Conduit Connection	69	EA	\$150.00	\$10,350.00	\$490.00	\$33,810.00	\$210.00	\$14,490.00
5.	L-108: U.G. Cable Installed In Conduit	24,115	LF	\$1.20	\$28,938.00	\$1.20	\$28,938.00	\$1.25	\$30,143.75
6.	L-108: Trenching	13,281	LF	\$1.20	\$15,937.20	\$1.40	\$18,593.40	\$1.25	\$16,601.25
7.	L-108: Bare Counterpoise Installed in Trench	14,250	LF	\$0.60	\$8,550.00	\$1.50	\$21,375.00	\$2.10	\$29,925.00
8.	L-115: Precast Polymer Concrete Handhole	2	EA	\$3,000.00	\$6,000.00	\$1,250.00	\$2,500.00	\$1,400.00	\$2,800.00
9.	L-867: Light Base	5	EA	\$400.00	\$2,000.00	\$490.00	\$2,450.00	\$625.00	\$3,125.00
10.	L-828: 10 KW Ferroresonant Regulator	1	EA	\$10,500.00	\$10,500.00	\$12,500.00	\$12,500.00	\$10,000.00	\$10,000.00
11.	Remove Existing Regulator	1	EA	\$1,400.00	\$1,400.00	\$1,000.00	\$1,000.00	\$400.00	\$400.00
12.	Seeding	1	EA	\$3,000.00	\$3,000.00	\$4,000.00	\$4,000.00	\$40,000.00	\$40,000.00
TOTAL BASE BID					\$127,596.70		\$160,009.80		\$197,156.50
ADD ALTERNATE #1 – Schedule B									
1.	L-110: 2" PVC Conduit – Trenched	14,710	LF	\$1.50	\$22,065.00	\$1.40	\$20,594.00	\$1.50	\$22,065.00
2.	L-110: 2" PVC Conduit – Bored	230	LF	\$12.00	\$2,760.00	\$25.00	\$5,750.00	\$19.00	\$4,370.00
3.	L-867: Modifications to Existing Light base for Conduit Connection	128	EA	\$150.00	\$19,200.00	\$490.00	\$62,720.00	\$210.00	\$26,880.00
4.	L-108: U.G. Cable Installed In Conduit	16,670	LF	\$1.20	\$20,004.00	\$1.20	\$20,004.00	\$1.25	\$20,837.50
5.	L-108: Trenching	14,710	LF	\$1.20	\$17,652.00	\$1.40	\$20,594.00	\$1.25	\$18,387.50
6.	L-108: Bare Counterpoise Installed in Trench	15,446	LF	\$0.60	\$9,267.60	\$1.50	\$23,169.00	\$2.10	\$32,436.60
7.	L-115: Precast Polymer Concrete Handhole	3	EA	\$3,000.00	\$9,000.00	\$1,250.00	\$3,750.00	\$1,400.00	\$4,200.00
8.	T-901 Seeding	1	LS	\$4,000.00	\$4,000.00	\$4,000.00	\$4,000.00	\$45,000.00	\$45,000.00
TOTAL ADD ALTERNATE #1					\$103,948.60		\$160,581.00		\$174,176.60
ADD ALTERNATE #2 – Schedule C									
1.	L-861: Medium Intensity Runway Edge Light Fixtures, 30" Height, with 2 Pin Quartz Bulbs and Sockets	69	EA	\$210.00	\$14,490.00	\$120.00	\$8,280.00	\$275.00	\$18,975.00
2.	L-830: Transformers	69	EA	\$150.00	\$10,350.00	\$75.00	\$5,175.00	\$150.00	\$10,350.00
3.	Remove and Salvage Existing Light Fixtures	69	EA	\$40.00	\$2,760.00	\$20.00	\$1,380.00	\$50.00	\$3,450.00
4.	Remove and Salvage Existing Transformers	69	EA	\$40.00	\$2,760.00	\$20.00	\$1,380.00	\$25.00	\$1,725.00
TOTAL ADD ALTERNATE #2					\$30,360.00		\$16,215.00		\$34,500.00

TABULATION OF BIDS

REHABILITATE RUNWAY LIGHTING
MUSCATINE MUNICIPAL AIRPORT
CITY OF MUSCATINE, IOWA
AIP PROJECT: 3-19-0063-15

LETTING DATE: 5/10/2011
LETTING TIME: 10:00 A.M.

CONSULTING ENGINEER: 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		Dickinson Co., Inc. 1616 D Avenue W Oskaloosa, IA 52577		K W Electric 1127 Lincoln Street Cedar Falls, IA 50613	
DBE Participation (Goal = 5.0%)				3.4%		5.1%		3.1%	
ITEM DESCRIPTION		QTY	UNIT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT	UNIT PRICE	AMOUNT
ADD ALTERNATE #3 – Schedule D									
1.	L-828: 10 KVA Ferroresonant Regulator	1	EA	\$10,500.00	\$10,500.00	\$12,500.00	\$12,500.00	\$10,000.00	\$10,000.00
2.	Remove Existing Regulator	1	EA	\$1,400.00	\$1,400.00	\$1,000.00	\$1,000.00	\$400.00	\$400.00
TOTAL ADD ALTERNATE #3					\$11,900.00		\$13,500.00		\$10,400.00
ADD ALTERNATE #4 – Schedule E									
1.	L-861: Medium Intensity Taxiway Edge Light Fixtures, 24" Height, with 2 Pin Quartz Bulbs and Sockets	128	EA	\$210.00	\$26,880.00	\$100.00	\$12,800.00	\$275.00	\$35,200.00
2.	L-830: Transformers	128	EA	\$110.00	\$14,080.00	\$75.00	\$9,600.00	\$150.00	\$19,200.00
3.	Remove and Salvage Existing Light Fixtures	128	EA	\$40.00	\$5,120.00	\$20.00	\$2,560.00	\$50.00	\$6,400.00
4.	Remove and Salvage Existing Transformers	128	EA	\$40.00	\$5,120.00	\$20.00	\$2,560.00	\$25.00	\$3,200.00
TOTAL ADD ALTERNATE #4					\$51,200.00		\$27,520.00		\$64,000.00
TOTAL BID					\$325,005.30		\$377,825.80		\$480,233.10

Items in italics reflect corrections by Engineer



U.S. Department
of Transportation

**Federal Aviation
Administration**

Central Region
Iowa, Kansas,
Missouri, Nebraska

901 Locust
Kansas City, Missouri 64106
(816) 329-2600

May 16, 2011

Mr. Steven Boka
Director, Planning, Zoning & Building Safety
City of Muscatine
City Hall
215 Sycamore St.
Muscatine, IA 52761

Dear Mr. Boka:

Muscatine Municipal Airport
AIP No. 3-19-0063-15
Rehabilitate Runway Lighting
Concurrence in Award

Concurrence in Award of Construction Contract

We concur in the award of contract to Kimrey Electric of Urbandale, Iowa, for \$325,005 for the development proposed by this project. Our concurrence in award of this contract represents a determination for eligibility of costs and should not be construed as a commitment of Federal funds. The official and public notification that the FAA has allocated funds for a project at your location will be the Congressional release. It is very important that all work performed prior to Congressional release is portrayed to the public as a sponsor, local, initiative.

You will need to submit a project application for this project. Please note that the application should include all project costs, e.g. design, construction, construction observation and testing.

Preconstruction Conference

A preconstruction conference should be scheduled, please be sure to invite the Federal Security Director as well as local FAA Air Traffic Organization (ATO) representatives. Provide us a minimum of ten days advance notice.

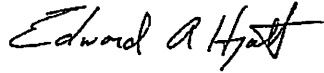
After the preconstruction conference, we will authorize issuance of a Notice to Proceed, when satisfactorily executed grant offer and contract documents (specifications, performance bond, and payment bond) have been submitted to our office.

Any changes to the approved DBE participation must be approved by you, the sponsor, and the FAA Civil Rights Office. You must adequately monitor the DBE program to insure that the named DBE's actually perform a commercially useful function on this project, and are paid promptly.

Questions

If you have any questions contact me at (816) 329-2605, or via email at ed.hyatt@faa.gov.

Sincerely,

A handwritten signature in black ink that reads "Edward A Hyatt". The signature is written in a cursive, flowing style.

Edward A Hyatt, P.E.
Airport Engineer