

**CITY OF LA VISTA
MAYOR AND CITY COUNCIL REPORT
NOVEMBER 15, 2011 AGENDA**

Subject:	Type:	Submitted By:
AMENDMENT TO AGREEMENT – LED TRAFFIC SIGNAL MODULES EECBG AWARD No. 9/10-E062	◆ RESOLUTION ORDINANCE RECEIVE/FILE	JOHN KOTTMANN CITY ENGINEER/ASST. PW DIRECTOR

SYNOPSIS

A resolution has been prepared to authorize the Mayor to sign an Amendment to EECBG Aid Agreement.

FISCAL IMPACT

The FY11/12 budget does not include funding for the local share for this project. Savings from another line item within public works will cover the project.

RECOMMENDATION

Approval

BACKGROUND

The Amendment will allow for an increase in the quantity of LED lamp modules for traffic signals to be purchased to replace existing incandescent lamps and to allow for changing the fluorescent lighting tubes and ballasts in the Public Works facility to more efficient lighting tubes and ballasts. The current style of lighting tubes and ballasts are no longer being manufactured. Bids for the original LED lamp modules contract came in significantly less than anticipated last May and the Nebraska Energy Office has encouraged us to utilize the remaining funds in the grant. A supplemental contract is currently in progress with Brown Traffic Products of Davenport, Iowa for additional LED traffic signal modules at the prices they quoted last May to replace existing lamps and proposals are being solicited for the lighting changes at the Public Works facility.

The additional LED lamp modules will be used to replace the incandescent lamps in the school yellow flashing lights and in two signalized intersections along Harrison Street where the power costs are billed to the City of La Vista. The additional LED lamps will cost \$5,239.50. The lighting changes in the Public Works facility will involve replacement lighting tubes and ballasts in 308 lighting fixtures at an estimated cost of \$13,000. In the event that the lighting replacement bids come in higher than estimated, then the quantity of fixtures will be reduced.

RESOLUTION NO. _____

A RESOLUTION OF THE MAYOR AND CITY COUNCIL OF THE CITY OF LA VISTA, NEBRASKA, TO AUTHORIZE THE MAYOR TO SIGN AN AMENDMENT TO THE LED TRAFFIC SIGNAL MODULES EECBG AWARD NO. 9/10-E062 AID AGREEMENT TO ALLOW FOR AN INCREASE IN THE QUANTITY OF LED LAMP MODULES FOR TRAFFIC SIGNALS TO BE PURCHASED.

WHEREAS, the City Council of the City of La Vista has determined that the replacement of existing lamps with LED traffic signal modules is necessary; and

WHEREAS, savings from another line item within public works will cover the project; and

WHEREAS Subsection (C) (9) of Section 31.23 of the La Vista Municipal Code requires that the City Administrator secures Council approval prior to authorizing any purchase over \$5,000.00.

NOW, THEREFORE, BE IT RESOLVED, that the Mayor and City Council of La Vista, Nebraska authorize the Mayor to sign and amendment to the LED traffic signal modules EECBG Award No. 9/10-E062 aid agreement to allow for an increase in the quantity of LED Lamp Modules for Traffic Signals to be purchased.

PASSED AND APPROVED THIS 15TH DAY OF NOVEMBER, 2011.

CITY OF LA VISTA

Douglas Kindig, Mayor

ATTEST:

Pamela A. Bueth, CMC
City Clerk

Request for Amendment to EECBG Aid Agreement

Energy Efficiency and Conservation Block Grant Program

This form must be completed and submitted to the Nebraska Energy Office when requesting an amendment to the EECBG Aid Agreement, together with the required attachments as listed.

The Nebraska Energy Office will review this request and will issue a response to the EECBG Recipient.

EECBG Recipient: City of La Vista	Date of Request: October 24, 2011
Project Description: Traffic Signals	EECBG Award Number: 09/10-E062 Amendment Request Number: 1
EECBG Contact Person: John M. Kottmann Phone: 402 331 8927 Email: jkottmann@cityoflavista.org	Please Complete and Submit this Request for Amendment to: Nebraska Energy Office Attn: EECBG Program PO Box 95085 Lincoln, NE 68509-5085

(Double Click on Check Box, Select "Checked")



Amendment to Scope of Work

Original Scope stated in Appendix B, paragraph 3, of the EECBG Aid Agreement (insert entire scope description for this project only; if there have been prior Amendments, insert entire current amended scope description for this project only):

- Removal and proper disposal (**reuse or retention as spare parts is not allowed**) of one-hundred and three (103) existing red balls; two-hundred and seven (207) existing amber balls; forty-seven (47) existing amber arrows; one-hundred and thirty (130) existing green balls; thirty-three (33) existing green arrows; and ninety (90) existing walk/don't walk panels
- Installation of one-hundred and three (103) red LED balls, Dialight model #433-1210-003XL
- Installation of two-hundred and seven (207) amber LED balls, Dialight model #433-3230-901XL
- Installation of forty-seven (47) amber LED arrows, Dialight model #431-334-901XOD
- Installation of one-hundred and thirty (130) green LED balls, Dialight model #433-2270-001XL
- Installation of thirty-three (33) green LED arrows, Dialight model #432-2374-001XOD
- Installation of ninety (90) walk/don't walk LED panels, Dialight model #: 430-6473-001, 430-7771-001X, 430-5770-001X
- Documentation demonstrating compliance with Nebraska Department of Roads (NDOR) requirements for any LED lights which will be installed on State highways/roads.

Proposed Amendment to Scope (insert entire scope shown above, then modify description to accurately reflect proposed changes):

- Removal and proper disposal (**reuse or retention as spare parts is not allowed**) of one-hundred and eleven (111) existing red balls; two-hundred and thirty-five (235) existing amber balls; forty-nine (49) existing amber arrows; one-hundred and forty-six (146) existing green balls; thirty-five (35) existing green arrows; and one-hundred and six (106) existing walk/don't walk panels
- Installation of one-hundred and eleven (111) red LED balls, Dialight model #433-1210-003XL
- Installation of two-hundred and thirty-five (235) amber LED balls, Dialight model #433-3230-901XL
- Installation of forty-nine (49) amber LED arrows, Dialight model #431-3334-901XOD
- Installation of one-hundred and forty-six (146) green LED balls, Dialight model #433-2270-001XL
- Installation of thirty-five (35) green LED arrows, Dialight model #432-2374-001XOD
- Installation of one hundred six (106) walk/don't walk LED panels, Dialight model #: 430-6473-001, 430-7771-001X, 430-5770-001X
- Documentation demonstrating compliance with Nebraska Department of Roads (NDOR) requirements for any LED lights which will be installed on State highways/roads. **[Per attached email dated Oct. 24, 2011, only traffic signals were changed out, not street lights.]**

NEW ITEMS

- Removal and proper disposal (**reuse or retention as spare parts is not allowed**) of eight (8) existing 8-inch diameter amber balls (school zone flashers).
- Installation of eight (8) amber LED balls, 8" diameter, Dialight model #433-3130-901XL

Public Works Facility:

- Removal and proper disposal (**reuse or retention as spare parts is not allowed**) of twenty-seven (27) F40T12 4 lamps and magnetic ballast; two-hundred and sixty-seven (267) F40T12 2 lamps and magnetic ballast; fourteen (14) F40T12 1 lamp and

magnetic ballast

- Installation of twenty-seven (27) F32T-8 four-foot, four-lamp fixtures with electronic ballasts
- Installation of two-hundred and sixty-seven (267) F32T-8 four-foot, two-lamp fixtures with electronic ballasts
- Installation of fourteen (14) F32T-8 four-foot, one-lamp fixtures with electronic ballasts

Reason for Amendment Request:

Bids received for initially proposed LED lamp replacement were considerably less than estimated. Existing school zone flashing lights were not included in the original scope of work. Also, there are two existing signalized intersections along a shared boundary road with the City of Omaha. Further investigation has revealed that the power costs for these signals are paid for by La Vista, therefore, we need to add these two intersections into the project to reduce our energy usage.

We had previously investigated the costs to replace lighting inside our Public Works facility by changing T-12 tube lighting to T-8 tube lighting but did not think there would be enough funds in our grant to accomplish this. The low bids received for the traffic signal LED lamps has made it possible to pursue this activity.

(Double Click on Check Box, Select "Checked")

<input type="checkbox"/> Amendment to Budget <i>(Budget information is not needed if only the Scope is being amended)</i>			
ORIGINAL BUDGET APPROVED IN THE AID AGREEMENT. <i>If Prior Amendments, Use Current Amended Budget:</i>		Energy Office (Recovery Act)	Recipient Match
Expense Category			Total Project
Personnel – Salary		\$	\$
Personnel – Fringe Benefits			
Travel			
Equipment (>\$5,000) – Total			
Supplies			
Contractual			
Construction (not allowed)		N/A	
Other Direct Costs			
Project Total		\$	\$

Reason for Proposed Change in Budget:

☐ **New Milestone Timeline Attached** – Required only if activity timelines previously reported to the NEO will change.

PROPOSED BUDGET:		Energy Office (Recovery Act)	Recipient Match
Expense Category			Total Project
Personnel – Salary		\$	\$
Personnel – Fringe Benefits			
Travel			
Equipment (>\$5,000) – Total			
Supplies			
Contractual			
Construction (not allowed)		N/A	
Other Direct Costs			
Project Total		\$	\$

EECBG Recipient Certifications

I hereby certify that the local governing body of the City of LaVista, Nebraska, has approved this request to the Nebraska Energy Office for an amendment to the EECBG Aid Agreement, and that any additional matching funds, if needed per this amendment, are available.

Signature of Chief Elected Official

Date

Douglas Kindig, Mayor

Typed Name and Title of Chief Elected Official

Nebraska Energy Office Use Only:	Date Amendment Request Received:	
	Amendment Request Approved or Denied:	
	EECBG Coordinator Approval:	
	Division Chief Approval:	
	NEO Director Approval:	