

BOARD OF COUNTY COMMISSIONERS
SARPY COUNTY, NEBRASKA

RESOLUTION AUTHORIZING THE CHAIRMAN TO SIGN THE AWARD AGREEMENT FOR THE
ENERGY EFFICIENCY AND CONSERVATION BLOCK GRANT

WHEREAS, pursuant to Neb. Rev. Stat. §23-104(6) (Reissue 2007), the County has the power to do all acts in relation to the concerns of the County necessary to the exercise of its corporate powers; and,

WHEREAS, pursuant to Neb. Rev. Stat. §23-103 (Reissue 2007), the powers of the County as a body are exercised by the County Board; and,

WHEREAS, an Energy Efficiency and Conservation Block Grant has been awarded to Sarpy County ; and,

WHEREAS, the award agreement must be electronically submitted to the United States Department of Energy; and,

WHEREAS, Sarpy County is committed to and supports the activities funded by the Energy Efficiency and Conservation Block Grant.

NOW, THEREFORE, BE IT RESOLVED, By the Sarpy County Board of Commissioners that the Board Chair is hereby authorized to sign the attached award for the Energy Efficiency and Conservation Block Grant.

DATED this 7th day of December, 2010.

MOVED by Rich Jansen, seconded by Jim Nekuda, that the above Resolution be adopted. Carried.

YEAS:

NAYS:

ABSENT:

[Signature]
[Signature]
[Signature]
[Signature]
[Signature]

none

none

ABSTAIN:
none

Attest:

SEAL

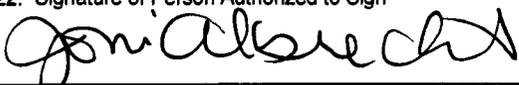


Approved as to form:

[Signature]
County Attorney

[Signature]
County Clerk

SSIST NCE GREEMENT

1. Award No. DE-SC0002756		2. Modification No. 003	3. Effective Date 11/23/2010	4. CFDA No. 81.128
5. Awarded To COUNTY OF SARPY Attn: Lisa Haire 1210 GOLDEN GATE DR PAPILLION NE 680463088		5. Sponsoring Office EERE (FORS) U.S. Department of Energy Office of Energy Efficiency & Renewable Energy Forrestal Building 1000 Independence Avenue, SW Washington DC 20585		7. Period of Performance 09/29/2009 through 09/28/2012
8. Type of Agreement <input checked="" type="checkbox"/> Grant <input type="checkbox"/> Cooperative Agreement <input type="checkbox"/> Other	9. Authority Energy Security and Independence Act (EISA) of 2007		10. Purchase Request or Funding Document No. 11SC000937	
11. Remittance Address COUNTY OF SARPY Attn: Lisa Haire 1210 GOLDEN GATE DR PAPILLION NE 680463088		12. Total Amount Govt. Share: \$312,600.00 Cost Share : \$0.00 Total : \$312,600.00		13. Funds Obligated This action: \$0.00 Total : \$312,600.00
14. Principal Investigator Lisa Haire (402) 593-1565		15. Program Manager Martha J. Kass Phone: 865-576-0717		16. Administrator Oak Ridge U.S. Department of Energy P.O. Box 2001 Oak Ridge TN 37831
17. Submit Payment Requests To OR for Oak Ridge/OSTI U.S. Department of Energy Oak Ridge Office Oak Ridge Financial Service Center P.O. Box 6017 Oak Ridge TN 37831		18. Paying Office OR for Oak Ridge/OSTI U.S. Department of Energy Oak Ridge Financial Service Center P.O. Box 6017 Oak Ridge TN 37831		19. Submit Reports To See Attachment 3 Reporting Requirements
20. Accounting and Appropriation Data Block Grants				
21. Research Title and/or Description of Project EECBG				
For the Recipient			For the United States of America	
22. Signature of Person Authorized to Sign 			25. Signature of Grants/Agreements Officer Signature on File	
23. Name and Title Chairman Joni Albrect		24. Date Signed 12/7/2010	26. Name of Officer JUDITH S. WILSON	
			27. Date Signed 11/23/2010	

CONTINUATION SHEET

REFERENCE NO. OF DOCUMENT BEING CONTINUED

DE-SC0002756/003

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NAME OF OFFEROR OR CONTRACTOR

COUNTY OF SARPY

ITEM NO. (A)	SUPPLIES/SERVICES (B)	QUANTITY (C)	UNIT (D)	UNIT PRICE (E)	AMOUNT (F)
	<p>DUNS Number: 078008018 Confirming Order Placed With: EERE, Do Not Duplicate TAS::89 0331::TAS Recovery Recovery Act: Energy Efficiency and Conservation Block Grant for ARRA Funding. Amendment for Sarpy County, NE.</p> <p>Administrative Specialist: Talia DiLuzio Phone: 865-576-4166 Email: diluziot@oro.doe.gov</p> <p>ASAP: Yes Extent Competed: NOT AVAIL FOR COMP Davis-Bacon Act: YES The purposes of this amendment are to:</p> <ol style="list-style-type: none"> 1) Approve boiler retrofits to the courthouse that were determined by audits; 2) Release ASAP hold for \$63,731; 3) Transfer \$11,269 from audit activity to new boiler retrofit activity; 4) Remove Attachments 1 through 4 and 6 of previous award and replace them with those attached to this award; 5) Attachment 5, DBA Determination, is included for Courthouse Retrofit Project. Previously Attached DBA Determination is valid for those projects on which work has already begun. <p>All other terms and conditions remain unchanged. Fund: 05796 Appr Year: 2009 Allottee: 30 Report Entity: 471999 Object Class: 41000 Program: 1005115 Project: 2004350 WFO: 0000000 Local Use: 0000000 TAS Agency: 89 TAS Account: 0331</p>				

EECBG Activity Worksheet

Grantee: Sarpy County Date: 09/22/2010
 DUNS #: 78008018 Program Contact Email: lhaire@sarpy.com
 Program Contact First Name: Lisa Last Name: Haire
 Project Title: Sarpy County Energy Efficiency and Conservation Program
 Activity: 5. Energy Efficiency Retrofits If Other: _____
 Sector: Public If Other: _____
 Proposed Number of Jobs Created: 1.00 Proposed Number of Jobs Retained: _____
 Proposed Energy Saved and/or Renewable Energy Generated: 7,864 Thermal Units Annually
 Proposed GHG Emissions Reduced (CO2 Equivalents): 401.060
 Proposed Funds Leveraged: \$0.00
 Proposed EECBG Budget: 75,000.00
 Projected Costs Within Budget: Administration: \$0.00 Revolving Loans: \$0.00 Subgrants: \$0.00
 Project Contact First Name: Ross Last Name: Richards Email: rrichards@sarpy.com
 Metric Activity: Government, School, Institutional Procurement If Other: _____

Project Summary: (limit summary to space provided)

Sarpy County has an opportunity to generate energy savings and improve overall operating performance by implementing recommended efficiency measures (Energy Retrofit Project). A recent, successful energy audit provided an engineering study focused on conditions of Sarpy County energy assets; made recommendations, described corrective measures, estimated implementation costs, and evaluated potential operating cost savings and payback periods.

Based on energy audit results, Sarpy County proposes to undertake the following recommended project as it provides the greatest energy savings, falls within the allowed budget and offers the best cost to benefit ratio:

Boiler Replacement Project -

Replace two existing, 30 year old, 938 MBH hot water boilers with four new 460MBH high efficiency, fully modulating hot water boilers. Provide Building Management System (BMS) Controls for four new hot water boilers and 2 existing steam boilers.

- 1) Existing hot water boilers are designed for 80% efficiency
 - a. Boiler degradation over the years and reaching the end of useful life has drastically added to the boilers thermal inefficiencies
- 2) The new boilers have a thermal efficiency rating of 92%
- 3) Building Management Controls are necessary to monitor boiler performance and efficiency, and controls determine heating load characteristics and trends. Energy savings measures can be enhanced through control and scheduling changes based on BMS data.

The Boiler Replacement Project will produce the following benefits:

• Annual Thermal Units Energy Savings	7,864
• Annual O&M Cost Savings	\$ 928
• Annual Energy Cost Savings	\$ 5,557
• Total Annual Cost Savings	\$ 6,484
• Years Simple Payback	11.6
• Savings to Investment Ration	1.7
• Life Cycle Savings	\$48,851
• Years Expected Useful Life	25

Sarpy County Board of Commissioners

1210 GOLDEN GATE DRIVE
PAPILLION, NE 68046-2895
593-4155

www.sarpy.com

ADMINISTRATOR Mark Wayne

DEPUTY ADMINISTRATOR Scott Bovick

FISCAL ADMIN./PURCHASING AGT. Brian Hanson



COMMISSIONERS

Rusty Hike District 1
Joni Albrecht District 2
Tom Richards District 3
Jim Nekuda District 4
Rich Jansen District 5

MEMO

To: Sarpy County Board

From: Lisa A. Haire

Re: Energy Efficiency and Conservation Block Grant Award

On December 7, 2010 the County Board will be asked to authorize the Chairman to sign the attached Award Assistance Agreement for the Energy Efficiency and Conservation Block grant.

Sarpy County was allocated \$312,600 through the Energy Efficiency and Conservation Block Grant (EECBG) Program. On April 6, 2010 the DOE obligated a total of \$248,869, \$70,000 for a Jail Energy Management System, \$39,832 for an energy audit in the Courthouse, Law Enforcement Center and the Juvenile Justice Center, \$101,250 for an E-85 fuel storage tank, dispensing and management system at the new Law Enforcement Center and \$37,787 for a regional energy plan. \$63,731 remained on hold until the energy audit was complete and recommendations made for improvements.

The energy audit was completed and recommendations were made to replace two existing hot water boilers with four smaller hot water boilers in the Courthouse. This Award releases the remaining \$63,731 and transfers \$11,269 from the energy audit to the retrofits project for a total of \$75,000. The DOE requires a new agreement be signed when funds are moved from one project to another. The total award remains \$312,600.

Please do not hesitate to contact me if you have comments or questions.

December 3, 2010

Lisa A. Haire

593-1565

cc: Mark Wayne

Brian Hanson

Scott Bovick

Ross Richards

Deb Houghtaling

Beth Cunard