



BUCKLAND 10-150 (4 pages)

**Alaska Small Cities
Energy Efficiency and Conservation Block Grant (EECBG)**

**Grant Application, Option 1
(For option 1 applicants only)
Opt-In Technical Assistance**

1. Name of City or Borough: City of Buckland

2. To what extent is the community committed to coordinating, planning and working with the contractor? Please describe.

The City is committed to making staff available to coordinate with the contractor to help with project planning, allowing access to all buildings and facilities in a time appropriate manner, providing local transportation and housing to the service provider for up to four visits.

3. Will in-kind support be provided to the project by the community? If so, please describe the types of in-kind support that are available (labor, storage, lodging, other), and the extent to which it is available.

Approximately 100 hours of staff and community volunteer time in planning, coordinating, moving materials, helping with transportation, and helping implement weatherization projects. The city can provide unheated but dry storage space, and will pick up materials from the airport or barge dock upon arrival. The city will provide lodging, if desired, for the service provider at the city in the city community building or in a community member's home. The approximate value of these in-kind donations is specified on the budget form.

4. If known, what buildings or facilities would the city like the contractor to focus on during the audit portion of the work? If specific known opportunities exist in any of these buildings, please list them in "additional comments" section below.

#	Name of Building or Facility	Street Address	Sq. Ft.	Sector
1.	City Hall	555 Main Street	4,420	Public Building
2.	Washeteria	On Main St., Front St. & 3rd	2,925	Public Building
3.	Old Clinic	10 Front St.	1,143	Public Building
4.	Old Community	35 Front St.	1,904	Select from Arrow
5.	IRA Building		1,680	Other Public Facility

If additional space is needed, please list other buildings in the "Additional comments" box below.

5. Summary of Project **BUCKLAND 10-150 (4 pages)**

The City selected Option 1, opt-in technical assistance program. Therefore, we will await the service provider's technical assistance prior to determining the full scope of work. We have committed to providing in-kind services, labor, storage and lodging to the service provider for this project at an estimated value of \$5,000. We have specified four buildings or facilities receive an energy audit or assessment by the service provider:

1. City Hall
2. Washeteria
3. Old Clinic
4. Old Community Building
5. IRA Building

6. Additional Comments

Barge shipments are generally available June through September.



BUCKLAND 10-150 (4 pages)

Alaska Small Cities
Energy Efficiency and Conservation Block Grants

Budget Form

Name of City or Borough: City of Buckland

Table A: Full Project Budget

Line	Funding Source	Budgeted Amount
1.	EECBG funds requested	\$ 28,500
2.	City/borough matching or in-kind contributions	\$ 5,000
3.	Funding from other sources*	\$ 2,500
4.	Estimated total project cost	\$ 36,000

* Identify other sources from line 3, and whether sources are confirmed or pending:

The school district has confirmed a commitment to contributing at least \$2,500 of in-kind labor to the project.

Table B: EECBG Funding Breakdown

Please budget how the EECBG funding (Table A, line 1 above) breaks down between the following categories. Please note that the energy audit cost column may not be more than 50 percent of the total.

Expense Categories	Energy Audit Costs	EEM/ECM Costs**	Total
Personnel	\$ 1,500	\$ 5,000	\$ 6,500
Travel	\$ 1,000	\$ 4,000	\$ 5,000
Materials & Supplies	\$ 500	\$ 14,000	\$ 14,500
Equipment	\$	\$ 1,000	\$ 1,000
Contractual	\$ 500	\$ 1,000	\$ 1,500
Total	\$ 3,500	\$ 25,000	\$ 28,500

**EEM: Energy Efficiency Measure, ECM: Energy Conservation Measure; defined in EECBG Funding Announcement and Instructions document.

Budget Narrative

Please briefly describe the use of EECBG funds and any matching funds, as categorized above:

The City has committed to contributing at least \$5,000 of cash and in-kind contributions to extend the energy savings through this project. The EECBG funds will be managed and reported on by the selected service provider. The city will provide the service provider timely updates of our cash and in-kind spending for each quarterly report.



**Alaska Small Cities
Energy Efficiency and Conservation Block Grant (EECBG)**

**Grant Application, Option 1
(For option 1 applicants only)
Opt-In Technical Assistance**

1. Name of City or Borough: City of Elim

2. To what extent is the community committed to coordinating, planning and working with the contractor? Please describe.

Elim commits to making appropriate staff available to coordinate with the selected service provider to assist with project planning, providing transportation to the service provider. The electrician will install the LED lighting to the street lights.

3. Will in-kind support be provided to the project by the community? If so, please describe the types of in-kind support that are available (labor, storage, lodging, other), and the extent to which it is available.

The city will provide lodging, if desired, for the service provider. ~~it~~ The city can provide dry storage space and will pick up materials from the airport or barge dock upon arrival.

4. If known, what buildings or facilities would the city like the contractor to focus on during the audit portion of the work? If specific known opportunities exist in any of these buildings, please list them in "additional comments" section below.

#	Name of Building or Facility	Street Address	Sq. Ft.	Sector
1.	Street Lighting	within village		Select from Arrow
2.				Select from Arrow
3.				Select from Arrow
4.				Select from Arrow
5.				Select from Arrow

If additional space is needed, please list other buildings in the "Additional comments" box below.

5. Summary of Project

City of Elim has selected Option 1, opt-in technical assistance program. Therefore, we will await the service provider's technical assistance prior to determining the full scope of work. We have committed to providing in-kind services, storage, to the service provider for this project.

6. Additional Comments

Barge shipments are generally available June - August. Planning would work better before fishing peak, or before freeze-up. PLEASE NOTE the LOCAL Electric Provider ALASKA VILLAGE Electric Co-op/ANC will have NOTHING to do with the LED lights.



**Alaska Small Cities
Energy Efficiency and Conservation Block Grants**

Budget Form

Name of City or Borough: City of Elim

Table A: Full Project Budget

Line	Funding Source	Budgeted Amount
1.	EECBG funds requested	\$ 22,000.00
2.	City/borough matching or in-kind contributions	\$ 10,000.00
3.	Funding from other sources*	\$
4.	Estimated total project cost	\$ 32,000.00

* Identify other sources from line 3, and whether sources are confirmed or pending:

Table B: EECBG Funding Breakdown

Please budget how the EECBG funding (Table A, line 1 above) breaks down between the following categories. Please note that the energy audit cost column may not be more than 50 percent of the total.

Expense Categories	Energy Audit Costs	EEM/ECM Costs**	Total
Personnel	\$ 5,000.00	\$	\$ 5,000.00
Travel	\$ 2,000.00	\$	\$ 2,000.00
Materials & Supplies	\$	\$ 15,000.00	\$ 15,000.00
Equipment	\$ 10,000.00	\$	\$ 10,000.00
Contractual	\$	\$	\$
Total	\$ 17,000.00	\$ 15,000.00	\$ 32,000.00

**EEM: Energy Efficiency Measure, ECM: Energy Conservation Measure; defined in EECBG Funding Announcement and Instructions document.

Budget Narrative

Please briefly describe the use of EECBG funds and any matching funds, as categorized above:

The city will provide the service provider in-kind spending for each quarterly report. The EECBG funds will be managed and reported on by the selected service provider.



KIANA 10-152 (4 pages)

Alaska Small Cities Energy Efficiency and Conservation Block Grant (EECBG)

Grant Application, Option 1 (For option 1 applicants only) Opt-In Technical Assistance

1. Name of City or Borough: City of Kiana

2. To what extent is the community committed to coordinating, planning and working with the contractor? Please describe.

The City of Kiana commits to making appropriate staff available to coordinate with the selected service provider to assist with project planning, allowing access to the building in a time appropriate manner, providing transportation and housing to the service provider for up to four visits.

3. Will in-kind support be provided to the project by the community? If so, please describe the types of in-kind support that are available (labor, storage, lodging, other), and the extent to which it is available.

Approximately 300 hours of city staff and community volunteer time in planning, coordinating, moving material, helping with transportation, and helping implement weatherization projects. The city can provide up to 30 square feet of storage space, and will help pick up materials from the airport or barge dock upon arrival. The city will provide lodging, if desired, for the service provider in the City lodging quarters, or in the Village Police Safety Officer housing quarters if available.

4. If known, what buildings or facilities would the city like the contractor to focus on during the audit portion of the work? If specific known opportunities exist in any of these buildings, please list them in "additional comments" section below.

#	Name of Building or Facility	Street Address	Sq. Ft.	Sector
1.	Kiana City Office	Casanoff Street	2,800	Public Building
2.				Select from Arrow
3.				Select from Arrow
4.				Select from Arrow
5.				Select from Arrow

If additional space is needed, please list other buildings in the "Additional comments" box below.

5. Summary of Project

KIANA 10-152 (4 pages)

The City of Kiana has selected Option 1, opt-in technical assistance program. Therefore, we will await the service provider's technical assistance prior to determining the full scope of work. We have committed to providing in-kind services, labor, storage and lodging to the service provider for this project at an estimated value of \$10,000. We have specified one buildings that will receive an energy audit or assessment by the service provider:

1. City Office Building

6. Additional Comments

Barge shipments are generally available between July through August.



KIANA 10-152 (4 pages)

**Alaska Small Cities
Energy Efficiency and Conservation Block Grants**

Budget Form

Name of City or Borough: City of Kiana

Table A: Full Project Budget

Line	Funding Source	Budgeted Amount
1.	EECBG funds requested	\$ 25,500
2.	City/borough matching or in-kind contributions	\$ 10,000
3.	Funding from other sources*	\$
4.	Estimated total project cost	\$ 35,500

* Identify other sources from line 3, and whether sources are confirmed or pending:

Table B: EECBG Funding Breakdown

Please budget how the EECBG funding (Table A, line 1 above) breaks down between the following categories. Please note that the energy audit cost column may not be more than 50 percent of the total.

Expense Categories	Energy Audit Costs	EEM/ECM Costs**	Total
Personnel	\$	\$	\$0
Travel	\$	\$	\$0
Materials & Supplies	\$	\$	\$0
Equipment	\$	\$	\$0
Contractual	\$	\$	\$0
Total	\$0	\$0	\$0

**EEM: Energy Efficiency Measure, ECM: Energy Conservation Measure; defined in EECBG Funding Announcement and Instructions document.

Budget Narrative

Please briefly describe the use of EECBG funds and any matching funds, as categorized above:



**Alaska Small Cities
Energy Efficiency and Conservation Block Grant (EECBG)**

**Grant Application, Option 1
(For option 1 applicants only)
Opt-In Technical Assistance**

1. Name of City or Borough: City of Kobuk

2. To what extent is the community committed to coordinating, planning and working with the contractor? Please describe.

Kobuk commits to making appropriate staff available to coordinate with the selected service provider to assist with project planning, allowing access to all buildings and facilities in a time appropriate manner, providing local transportation and housing to the service provider for up to four visits.

3. Will in-kind support be provided to the project by the community? If so, please describe the types of in-kind support that are available (labor, storage, lodging, other), and the extent to which it is available.

Approximately 300 hours of city staff and community volunteer time in planning, coordinating, moving materials, helping with transportation, and helping implement projects. The city can provide up to 30 square feet of unheated but dry storage space, and will pick up materials from the airport or barge dock upon arrival. The city will provide lodging, if desired, for the service provider either in the Kobuk City Office Building. The approximate value of these in-kind donations is specified on the budget form.

4. If known, what buildings or facilities would the city like the contractor to focus on during the audit portion of the work? If specific known opportunities exist in any of these buildings, please list them in "additional comments" section below.

#	Name of Building or Facility	Street Address	Sq. Ft.	Sector
1.	Kobuk City Office Building	100 Main Street	1,300	Public Building
2.				Select from Arrow
3.				Select from Arrow
4.				Select from Arrow
5.				Select from Arrow

If additional space is needed, please list other buildings in the "Additional comments" box below.

5. Summary of Project

Kobuk has selected Option 1, opt-in technical assistance program. Therefore, we will await the service provider's technical assistance prior to determining the full scope of work. We have committed to providing in-kind services, labor, storage and lodging to the service provider for this project at an estimated value of \$6,000. We have specified Kobuk City Office Building receive an energy audit or assessment by the service provider.

6. Additional Comments

Kobuk is in need of a more energy efficient furnace, windows, doors, and lighting.



**Alaska Small Cities
Energy Efficiency and Conservation Block Grants**

Budget Form

Name of City or Borough: City of Kobuk

Table A: Full Project Budget

Line	Funding Source	Budgeted Amount
1.	EECBG funds requested	\$ 14,400
2.	City/borough matching or in-kind contributions	\$ 6,000
3.	Funding from other sources*	\$ 0
4.	Estimated total project cost	\$ 20,400

* Identify other sources from line 3, and whether sources are confirmed or pending:

Table B: EECBG Funding Breakdown

Please budget how the EECBG funding (Table A, line 1 above) breaks down between the following categories. Please note that the energy audit cost column may not be more than 50 percent of the total.

Expense Categories	Energy Audit Costs	EEM/ECM Costs**	Total
Personnel	\$	\$	\$ 0
Travel	\$	\$	\$ 0
Materials & Supplies	\$	\$	\$ 0
Equipment	\$	\$	\$ 0
Contractual	\$	\$	\$ 0
Total	\$ 0	\$ 0	\$ 0

**EEM: Energy Efficiency Measure, ECM: Energy Conservation Measure; defined in EECBG Funding Announcement and Instructions document.

Budget Narrative

Please briefly describe the use of EECBG funds and any matching funds, as categorized above:

The City has committed to contributing at least \$6,000 of in-kind contributions to extend the energy savings through this project. The EECBG funds will be managed and reported on by the selected service provider. The city will provide the service provider timely updates of our cash and in-kind spending for each quarterly report.



To save your work to your computer

To print pages 1 and 5, sign and fax to (907-771-3930).

To submit online form to AEA

**Alaska Small City
Energy Efficiency & Conservation Block Grant (EECBG)
GRANT AGREEMENT**



1. SUB-GRANTEE INFORMATION

a. City or Borough		City of Koyuk		e. Sub-Grantee Principal Contact & Primary Address	
b. Organization EIN		92-0082645		Name	Robert Hannon
c. Organization DUNS		194342775		Title	Mayor
d. Project Manager:					
Name		Laverne Kimoktoak		Organization	City of Koyuk
Title		Grantwriter		Telephone	(907) 963-3441
Organization		City of Koyuk		Fax	(907) 963-3442
Telephone		(907)963-3441		Fmail	cityofkoyuk@ak.net
Email		cityofkoyuk@ak.net		Mail Address	PO Box 53029
				City & Zip	Koyuk 99753

2. SCOPE OF GRANT

Select one of the following options, and complete the corresponding application package (see instructions):

- Option 1: Opt-in technical assistance program
- Option 2: Two-stage project: energy audit then energy efficiency and conservation measures
- Option 3: Single-stage project: energy efficiency and conservation measures

2.2 Project Name:	Public Facility Upgrade	2.3 Requested Amount:	\$ 23,500
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3. PERIOD OF PERFORMANCE

- 3.1 Sub-grantee shall commence services under this Agreement as authorized and shall complete the services in accordance with the schedule required by Appendices. This Agreement is of no force or effect until executed by the SUB-GRANTEE and the GRANTING AGENCY.
- 3.2 The work will be completed within the time periods noted in the application. All work under this grant must be completed no later than August 31, 2012. Final billing and final reports are due no later than Sept. 14, 2012.

4. APPENDICES The following Appendices are attached to this Grant Agreement and incorporated herein:

Grant Application, Option 1	Funding Announcement & Instructions
Budget Form	Provisions
W-9	

5. AGREEMENT This grant is between the Alaska Energy Authority and the SUB-GRANTEE noted in section 1. By signing below, I attest that I am authorized by the city or borough named in Section 1 above to sign this grant application and agreement; that all the information contained within is true and complete; and that I commit to fulfill all the requirements of the grant, as outlined in this agreement and its attachments.

Authorized Representative Signature	Date	Name	Title
	4/16/10	Robert Hannon	Mayor

Blocks 6-10 to be completed by the Alaska Energy Authority	6. Grant Number	7510088
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7. GRANT AMOUNT The maximum amount payable under this Agreement shall not exceed:	\$ 36,100
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8. Granting Agency Project Manager Sean Skaling, Project Manager sskaling@aidea.org Alaska Energy Authority 813 West Northern Lights Blvd. Anchorage, AK 99503-2495 Phone: 907-771-3079 Fax: 907-771-3930	9. Agency Approval	10. Grant Start Date
	 Steven Haagenson Executive Director Alaska Energy Authority	5/1/10



**Alaska Small Cities
Energy Efficiency and Conservation Block Grant (EECBG)**

**Grant Application, Option 1
(For option 1 applicants only)
Opt-In Technical Assistance**

1. Name of City or Borough: City of Koyuk

2. To what extent is the community committed to coordinating, planning and working with the contractor? Please describe.

The City of Koyuk fully supports this program for the benefit of saving energy costs for our public facilities. The City of Koyuk currently employees a maintenance person to maintain our public facilities. The service provider will conduct assessment with the City of Koyuk along with the maintenance personnel. The City of Koyuk shall indemnify, save harmless and defend the state, its officers, agents, and employees from all liability, including costs and expenses, for all actions or claims resulting from injuries or damages sustained by any person or property arising directly or indirectly as a result of any error, omission or negligent act of the service provider, or anyone directly or indirectly employed by them in the performance of this contract.

3. Will in-kind support be provided to the project by the community? If so, please describe the types of in-kind support that are available (labor, storage, lodging, other), and the extent to which it is available.

The City of Koyuk will provide labor costs to assist the service provider. The City of Koyuk employees a maintenance person who knows what the facilities are in need of at this time. Program income will be used first by the grantee before drawing additional funds to complete activities included in the project summary and referenced application unless otherwise specified in an approved lump sum agreement. Unanticipated program income shall be used to increase the overall project budget. Program income received after closeout of this grant agreement shall be used to continue a program of eligible community development activities of benefit to public facilities reducing the energy costs. The City of Koyuk will also provide a storage place for all materials and equipment for this project.

4. If known, what buildings or facilities would the city like the contractor to focus on during the audit portion of the work? If specific known opportunities exist in any of these buildings, please list them in "additional comments" section below.

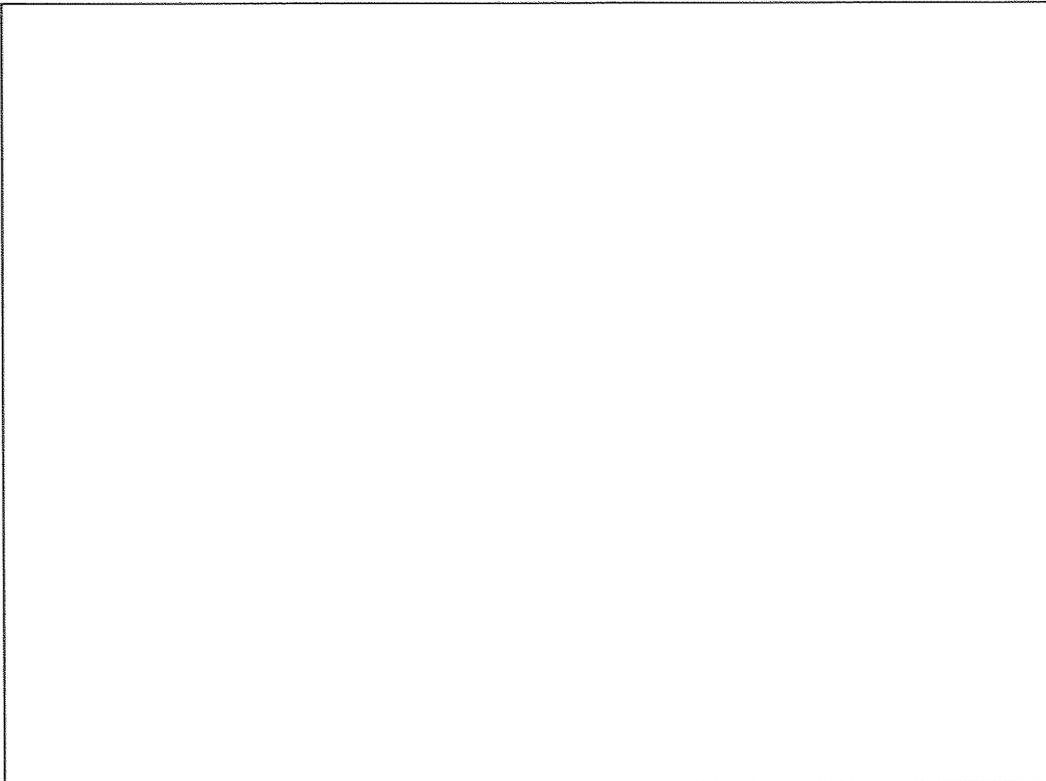
#	Name of Building or Facility	Street Address	Sq. Ft.	Sector
1.	City Community Building	Birch Street		Public Building
2.	Library	Birch Street		Public Building
3.	VPSO Building	2nd Ave & Spruce Street		Public Building
4.	Washeteria	Forth Avenue		Public Building
5.				Select from Arrow

If additional space is needed, please list other buildings in the "Additional comments" box below.

5. Summary of Project

The City of Koyuk is located at the mouth of the Koyuk River, at the northeastern end of the Norton Bay on the Seward Peninsula. The City of Koyuk is in need of substantial repair in order to provide the Community with public facilities to conduct daily operations as it is not in code compliance nor is it environmentally sound. The City of Koyuk is seeking funds to assess the energy efficiency and conservation in our facilities and define improvements to reduce energy costs. The service provide and maintenance personnel of the City of Koyuk will purchase any necessary materials required to improve facilities to reduce energy costs. The City of Koyuk will provide administrative assistance to include accounting for expenditure of funds and submit any necessary reports to ensure adequate compliance regulations with all funds allocated. The grantee agrees that the project to which this grantee agreement relates shall be dedicated to public purposes for its useful life. This project will provide energy efficient funds to the City of Koyuk for the purpose of completing an assessment and technical assistance in implementing this program. Based on the site investigation, the contractor will develop plans and cost estimates for each of the public facilities. The contractor will coordinate closely with the City administrator and the City Council during the development of the concepts.

6. Additional Comments



Alaska Small Cities Energy Efficiency and Conservation Block Grants

Budget Form

Name of City or Borough: City of Koyuk

Table A: Full Project Budget

Line	Funding Source	Budgeted Amount
1.	EECBG funds requested	\$ 23,500
2.	City/borough matching or in-kind contributions	\$
3.	Funding from other sources*	\$
4.	Estimated total project cost	\$ 23,500

* Identify other sources from line 3, and whether sources are confirmed or pending:

Table B: EECBG Funding Breakdown

Please budget how the EECBG funding (Table A, line 1 above) breaks down between the following categories. Please note that the energy audit cost column may not be more than 50 percent of the total.

Expense Categories	Energy Audit Costs	EEM/ECM Costs**	Total
Personnel	\$	\$	\$ 0
Travel	\$	\$	\$ 0
Materials & Supplies	\$	\$	\$ 0
Equipment	\$	\$	\$ 0
Contractual	\$	\$	\$ 0
Total	\$ 0	\$ 0	\$ 0

**EEM: Energy Efficiency Measure, ECM: Energy Conservation Measure; defined in EECBG Funding Announcement and Instructions document.

Budget Narrative

Please briefly describe the use of EECBG funds and any matching funds, as categorized above:



NOORVIK 10-165 (6 pages)

**Alaska Small Cities
Energy Efficiency and Conservation Block Grant (EECBG)**

**Grant Application, Option 3
(For option 3 applicants only)**

Single-Stage Project: Energy Efficiency and Conservation Measures

1. Name of City or Borough: City of Noorvik

2. Please list the buildings or facilities that will receive energy efficiency and conservation measures.

#	Name of Building or Facility	Street Address	Sq.Ft.	Sector
1.	City Community Building			Public Building
2.				Select from Arrow
3.				Select from Arrow
4.				Select from Arrow
5.				Select from Arrow
6.				Select from Arrow
7.				Select from Arrow
8.				Select from Arrow
9.				Select from Arrow
10.				Select from Arrow

If additional space is needed, please list other buildings in the "additional comments" box below.

3. Summary of Project

Replacing heater coolant pipe lines, windows, & lighting in our City building with LED equivalents.

Reseal & re-insulate window trim & framing.

Replacing all lighting in our City buildings with LED equivalents..

As almost all lighting in the 2 buildings are T8 Fluorescent tube fixtures, the transition to LED technology to save energy requires only that the fixtures gets wired for the new tubes.
The City will hire a Certified electrician to perform the change on our light fixtures.

The City will also get advise from the Northwest Arctic Borough as to what kind of LED lights to purchase, Testing of the new technology have been done during the last 6 months by the Borough.
The latest T8 LED replacements comes with 6 year warranty.

NOORVIK 10-165 (6 pages)

4. Description of the work to be conducted: *(see instructions and sample application)*

Category	Description of Work
<p>a. Building Envelope <i>(insulation, weather stripping, crack sealing, windows, doors, etc.)</i></p>	<p>replace: windows, door weather stripping reseal & re-insulate cracks, doors, & remaining window trims</p>
<p>b. Building Heating System <i>(and/or air conditioning and ventilation)</i></p>	<p>replace "1/4" heating pipes with "3/4" for more efficient flow</p>
<p>c. Building Lighting & Controls <i>(indoor and outdoor)</i></p>	<p>As our lighting fixtures needs new tubes we have chosen to upgrade to LED technology.</p> <p>Scope of project include</p> <p>Replacement of all Lighting in the City building/washeteria with LED equivalents.. Replacing all lighting in the City shop with LED equivalents.</p> <p>Needed are replacements for 60 pc. 6 tube light fixtures. This makes 240 LED tubes needed ,, @ \$ 65.00/pc</p> <p> </p>
<p>d. Electrical Equipment <i>(motors, pumps, refrigerators, timers, controls, equipment, or any other allowable electric load retrofits)</i></p>	

NOORVIK 10-165 (6 pages)

<p>e. Energy Conservation Measures (<i>human behavior changes</i>)</p>	<p><input checked="" type="checkbox"/> Adopting workplace energy efficiency policies</p> <p><input checked="" type="checkbox"/> Installing power strips on phantom electric loads</p> <p><input checked="" type="checkbox"/> Posting signage reminders about turning off equipment, etc.</p> <p><input type="checkbox"/> Other (describe):</p>
<p>f. Other Measures</p>	

5. Will all fluorescent lamps and lighting ballasts be recycled? Yes No N/A

6. Will any refrigerants be generated? Yes No If yes, will they be recycled? Yes No

7. Waste Disposal: Describe your waste disposal or recycling plan for any wastes that will be generated by this project.

All old fluorescent tubes will be delivered to the local Hazardous Waste station in Ambler

8. Estimated Metrics for Entire Project

a. Estimated energy saved per year:	#	Units	Multiplier	kBTUs
	16,790	kWh electricity	10.3	172,937
	1,500	Gal. of diesel or heating fuel	135.0	202,500
		Gal. of propane	91.0	0
		CCF of natural gas	100.0	0
		Other: _____		0
		Total annual kBTUs saved		<u>375,437</u>

NOORVIK 10-165 (6 pages)

Describe your calculation methodology:	Fuel saved New windows \$643 per years Heater pipe 1500 gals. per year = \$4725 Lights Kwh saved 1 Fluorescent fixture takes 1.92 kwh per day 1 LED fixture takes 0.864 kwh per day
b. Estimated energy costs saved per year:	\$ 11,441
Describe your calculation methodology:	Window Energy Chart Anchorage 10,570 heating days per year avg. \$643 Efficient flow of coolant pipes saves 1500 gal fuel @ \$3.51 per gal = \$4725 per year. This calculation is utilizing a 4 Tube fixture that is operating for 12 hours per day, 365 days for 10 years (40,000 hours). Fluorescent (40watt)
c. Estimated jobs created or retained:	FTE (Full Time Equivalents) See instructions
d. Full project simple payback period calculation:	3.13783760160 Years
e. Estimated annual kBtus saved per grant dollar:	(0.4578551532) kBtu/year/grant dollar savings

9. Additional Comments

Actual savings are higher due to less maintenance and no need of ballasts .. see calculations.

Over 10 years this is a savings of \$ 11,441 for each year for total of \$ 114410.00



NOORVIK 10-165 (6 pages)

**Alaska Small Cities
Energy Efficiency and Conservation Block Grants**

Budget Form

Name of City or Borough: City of Noorvik

Table A: Full Project Budget

Line	Funding Source	Budgeted Amount
1.	EECBG funds requested	\$ 35,900
2.	City/borough matching or in-kind contributions	\$
3.	Funding from other sources*	\$
4.	Estimated total project cost	\$ 35,900

* Identify other sources from line 3, and whether sources are confirmed or pending:

Table B: EECBG Funding Breakdown

Please budget how the EECBG funding (Table A, line 1 above) breaks down between the following categories. Please note that the energy audit cost column may not be more than 50 percent of the total.

Expense Categories	Energy Audit Costs	EEM/ECM Costs**	Total
Personnel	\$	\$ 6,880	\$ 6,880
Travel	\$	\$ 4,500	\$ 4,500
Materials & Supplies	\$	\$ 23,620	\$ 23,620
Equipment	\$	\$ 900	\$ 900
Contractual	\$	\$	\$ 0
Total	\$ 0	\$ 35,900	\$ 35,900

**EEM: Energy Efficiency Measure, ECM: Energy Conservation Measure; defined in EECBG Funding Announcement and Instructions document.

Budget Narrative

Please briefly describe the use of EECBG funds and any matching funds, as categorized above:

Personal: City personal helping Electrician Contractor	\$ 6880.00
Equipment : LED tubes and shipping	\$ 23620.00
Frieght & Travel:	\$ 4,500.00



SAINT MICHAEL 10-182 (6 pages)

Alaska Small Cities Energy Efficiency and Conservation Block Grant (EECBG)

Grant Application, Option 1

(For option 1 applicants only)

Opt-In Technical Assistance

1. Name of City or Borough: City of St. Michael

2. To what extent is the community committed to coordinating, planning and working with the contractor? Please describe.

The City of St. Michael is willing to put in place a plan to weatherize the Old High School, currently it cost approximately \$12,000.00 to operate and maintain per month. We would like the contractor to replace the electrical wiring in the old high school, the heating system, the insulation, several windows and safety doors for the Headstart classroom. The plumbing in the city office is out of order and there is no hot water in the kitchen. All this fixed would tremendously reduce the cost of heating and electricity in the facility. Even the roof is coming off.

3. Will in-kind support be provided to the project by the community? If so, please describe the types of in-kind support that are available (labor, storage, lodging, other), and the extent to which it is available.

We would provide storage for the material provided to weatherize the old highschool, lodging would also be provided.

4. If known, what buildings or facilities would the city like the contractor to focus on during the audit portion of the work? If specific known opportunities exist in any of these buildings, please list them in "additional comments" section below.

#	Name of Building or Facility	Street Address	Sq. Ft.	Sector
1.	City of St. Michael	100 Baker Street Box 70	12,160 sf.	Public Building
2.				Select from Arrow
3.				Select from Arrow
4.				Select from Arrow
5.				Select from Arrow

If additional space is needed, please list other buildings in the "Additional comments" box below.

5. Summary of Project

SAINT MICHAEL 10-182 (6 pages)

The City of St. Michael took over the Old High School from the Bering Strait School District January 2009. This was to provide Kawerak Headstart a Classroom in order to meet Federal Compliance Regulations for school attendance. By moving into the building we inherited astronomical costs for heating and electricity. Not to mention the utility costs. The city clerks office drips water during the spring time. The City of St. Michael is willing to work with a contractor who will access the building, determine the total Weatherization Cost for the building. The feasible study for completion, The actual implementation of the plan, this will be to include painting the exterior and changing the building name to the "City of St. Michael" from "Anthony Andrews School".

We also need to fix the internet connections for each office and Kawerak Headstrart. We need a new Panic Door for the entrance and the bridge to the biopure utility shop for the facility is rotting that needs to be replaced. The insulation within the building need changing, the water sprinkler was taken off the kitchen that needs to be replaced. The rewiring of the heating system and the electrical system is expected.

6. Additional Comments

We have the actual blue-prints here in the office, they are the last set from the Bering Strait School District. The actual circumference of the building is 152' x 80' @ 12,160 Square Ft.



SAINT MICHAEL 10-182 (6 pages)

**Alaska Small Cities
Energy Efficiency and Conservation Block Grants**

Budget Form

Name of City or Borough: City of St. Michael

Table A: Full Project Budget

Line	Funding Source	Budgeted Amount
1.	EECBG funds requested	\$ 27,500.00
2.	City/borough matching or in-kind contributions	\$
3.	Funding from other sources*	\$
4.	Estimated total project cost	\$ 27,500.00

* Identify other sources from line 3, and whether sources are confirmed or pending:

Alaska Building Science Network \$15,000.00 Lighting fixtures

Table B: EECBG Funding Breakdown

Please budget how the EECBG funding (Table A, line 1 above) breaks down between the following categories. Please note that the energy audit cost column may not be more than 50 percent of the total.

Expense Categories	Energy Audit Costs	EEM/ECM Costs**	Total
Personnel	\$ 7,750.00	\$	\$0
Travel	\$ 3,000.00	\$	\$0
Materials & Supplies	\$ 10,000.00	\$	\$0
Equipment	\$ 1,750.00	\$	\$0
Contractual	\$ 5,000.00	\$	\$0
Total	\$ 27,500.00	\$0	\$0

**EEM: Energy Efficiency Measure, ECM: Energy Conservation Measure; defined in EECBG Funding Announcement and Instructions document.

Budget Narrative

Please briefly describe the use of EECBG funds and any matching funds, as categorized above:

This Old Schoolhouse needs a face lift. More than a face lift. We need a whole new heater, boiler or whatever they call them anymore. New electric system and insulate the roof change doors and windows. We need lots of work and help. once we get funded it will help begin reducing fuel + electric costs.

SAINT MICHAEL 10-182 (6 pages)

**City of St Michael
P O Box 59070
St. Michael, Alaska 99659
Phone: (907) 923-2442 - (907) 923-3222
Fax: (907) 923-2284**

Resolution # 10-04-19

A RESOLUTION OF THE CITY COUNCIL OF THE CITY OF ST MICHAEL REQUESTING ALASKA ENERGY AUTHORITY TO FUND THE CITY OF ST MICHAEL \$27,500.00 TO WEATHERIZE AND RENOVATE THE OLD SCHOOL BUILT IN 1977.

WHEREAS: The City of St Michael took over the old high school January 2009, and

WHEREAS: Kawerak Inc. leased a two (2) classrooms, an office etc. in order to keep their program in existence, and

WHEREAS: A business Plan is on the way for the community to utilize the gymnasium, and

WHEREAS: The service unit of the City of St Michael is in the old high school, the City Office and City Clerk's office, and

THEREFORE BE IT RESOLVED THAT: THE ALLOCATION TEAM RECOGNIZE THE FACT THAT WE ARE USING ASTRONAUICAL AMOUNT OF ELECTRICITY AND FUEL TO OPERATE THIS FACILITY

BE IT FURTHER RESOLVED THAT: BY FUNDING THIS PROJECT IT WILL REDUCE HEATING AND ELECTRICAL COSTS FOR BOTH THE HEADSTART, GYMNASIUM AND THE CITY OFFICE.

PASSED AND APPROVED BY A DULY CONSTITUTED QUORUM OF THE CITY COUNCIL THIS

20th DAY OF APRIL, 2010.



Mike Chum
MAYOR

PD Elkh sr
CITY CLERK

Budget Narrative April `19,2010 **SAINT MICHAEL 10-182 (6 pages)**

Personnel

Carpenter-18.00 ph. x 8hrs x 5 days x 6wks = 4320.00
 Laborer - 15.00ph x 8hrs x 5 days x 6 wks=3600.00
 28% Fringe Benefits ***** 2217.60

Total Personnel ----- \$10,137.60

Travel

One Round Trip to complete an assessment \$614.00

Materials and Supplies \$10,000

Windows, Doors, Insulation, conduit ,
 Electric Wiring,
 Equipment
 Tools \$1,750.00

Contractual

Hire a Consultant to re-examine
 The Good Ole School and fix it up
 To fire marshall code \$5,000.00

Total Assessment and minor renovation \$27,500.00

Through this project the City of St. Michael will reduce energy costs, and improve the condition of the water dripping in the city clerks office. It will also repair the roofing of the old school. The Panic door entrance will be replaced and when we find other sources of revenue will continue to Refurbish the damage of the paint on the exterior of the building. There is a Headstart Classroom And offices in the facility.



**Alaska Small Cities
Energy Efficiency and Conservation Block Grant (EECBG)**

**Grant Application, Option 1
(For option 1 applicants only)
Opt-In Technical Assistance**

1. Name of City or Borough: City of Selawik

2. To what extent is the community committed to coordinating, planning and working with the contractor? Please describe.

We plan to work with the contractor from the start, until the completion of the project according to the grant agreement of the grant conditions.
We have worked on a few grants in the past and we are familiar with, what to expect and how to follow through until completion .e.g. CDBG grants.

3. Will in-kind support be provided to the project by the community? If so, please describe the types of in-kind support that are available (labor, storage, lodging, other), and the extent to which it is available.

We are willing to work with the contractor, and will provide any " in-kind " support to complete the project as described in the grant agreement.

4. If known, what buildings or facilities would the city like the contractor to focus on during the audit portion of the work? If specific known opportunities exist in any of these buildings, please list them in "additional comments" section below.

#	Name of Building or Facility	Street Address	Sq. Ft.	Sector
1.	City Office	99 North Tundra	2,312	Public Building
2.				Select from Arrow
3.				Select from Arrow
4.				Select from Arrow
5.				Select from Arrow

If additional space is needed, please list other buildings in the "Additional comments" box below.

5. Summary of Project

Solar Panels will be installed at the City Office building to lower the costs of high cost of electricity. We have experience, in working with these types of projects in the past, and our knowledge and expertise in monitoring, implementing and follow through shouldn't be a problem to complete this project .

6. Additional Comments

Our cost of electricity is much higher in our region compared to other parts of the State of Alaska. This would definitely ease the costs of our electric bill, although it will still remain high.



**Alaska Small Cities
Energy Efficiency and Conservation Block Grants**

Budget Form

Name of City or Borough: City of Selawik

Table A: Full Project Budget

Line	Funding Source	Budgeted Amount
1.	EECBG funds requested	\$ 44,200
2.	City/borough matching or in-kind contributions	\$ 0
3.	Funding from other sources*	\$ 0
4.	Estimated total project cost	\$ 44,200

* Identify other sources from line 3, and whether sources are confirmed or pending:

No other sources available.

Table B: EECBG Funding Breakdown

Please budget how the EECBG funding (Table A, line 1 above) breaks down between the following categories. Please note that the energy audit cost column may not be more than 50 percent of the total.

Expense Categories	Energy Audit Costs	EEM/ECM Costs**	Total
Personnel	\$	\$	\$ 0
Travel	\$	\$	\$ 0
Materials & Supplies	\$	\$	\$ 0
Equipment	\$	\$	\$ 0
Contractual	\$	\$	\$ 0
Total	\$ 0	\$ 0	\$ 0

**EEM: Energy Efficiency Measure, ECM: Energy Conservation Measure; defined in EECBG Funding Announcement and Instructions document.

Budget Narrative

Please briefly describe the use of EECBG funds and any matching funds, as categorized above:

Grant funds will be used for : Solar panels ; freight cost ; and installation costs .
City of Selawik will maintain Solar panels when project is complete.



**Alaska Small Cities
Energy Efficiency and Conservation Block Grant (EECBG)**

**Grant Application, Option 1
(For option 1 applicants only)
Opt-In Technical Assistance**

1. Name of City or Borough: CITY OF SHAKTOOLIK

2. To what extent is the community committed to coordinating, planning and working with the contractor? Please describe.

WE WILL WORK EFFECTIVELY AND WORK WITH THE CONTRACTOR 100%

3. Will in-kind support be provided to the project by the community? If so, please describe the types of in-kind support that are available (labor, storage, lodging, other), and the extent to which it is available.

WE WILL PROVIDE HEAVY EQUIP, STORAGE LODGING ON AVAILABILITY

4. If known, what buildings or facilities would the city like the contractor to focus on during the audit portion of the work? If specific known opportunities exist in any of these buildings, please list them in "additional comments" section below.

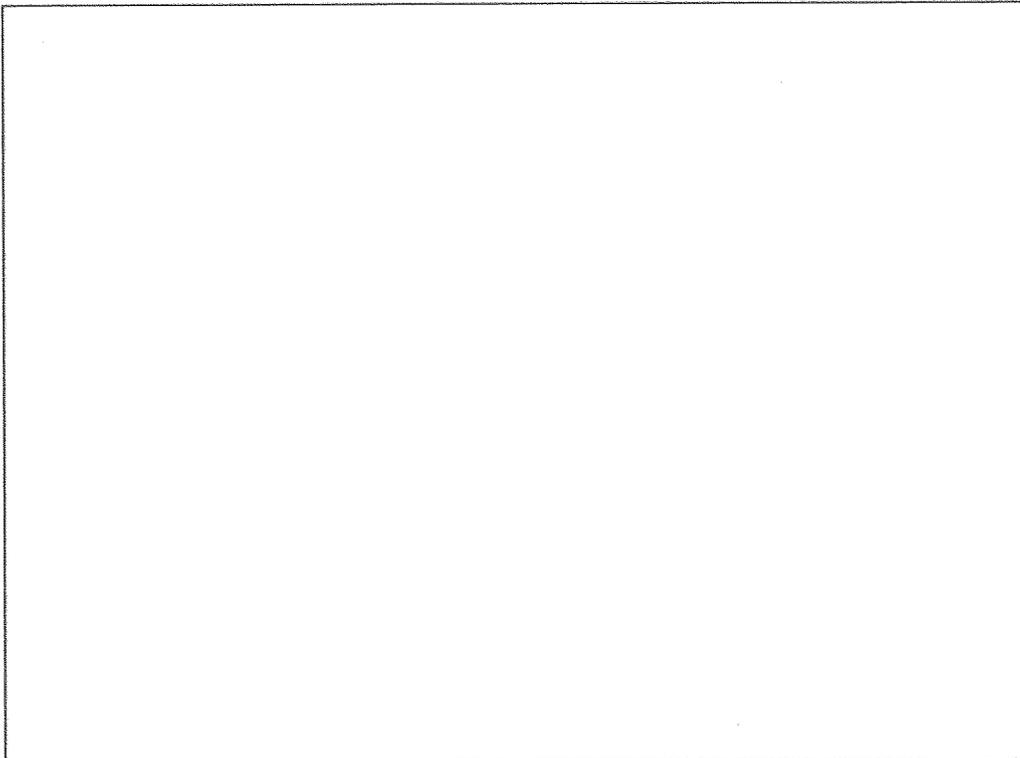
#	Name of Building or Facility	Street Address	Sq. Ft.	Sector
1.	SHAKTOOLIK WASHOTERIA	Box 10		Select from Arrow
2.	SHAKTOOLIK, AK	99771		Select from Arrow
3.				Select from Arrow
4.				Select from Arrow
5.				Select from Arrow

If additional space is needed, please list other buildings in the "Additional comments" box below.

5. Summary of Project

INSTALL A NEW WASTE HEAT
SYSTEM AT THE WASHETERIA
AND AT THE POWER PLANT.

6. Additional Comments





**Alaska Small Cities
Energy Efficiency and Conservation Block Grants**

Budget Form

Name of City or Borough: CITY OF SHARONVILLE

Table A: Full Project Budget

Line	Funding Source	Budgeted Amount
1.	EECBG funds requested	\$19,000 ⁰⁰
2.	City/borough matching or in-kind contributions	\$
3.	Funding from other sources*	\$
4.	Estimated total project cost	\$0

* Identify other sources from line 3, and whether sources are confirmed or pending:

Table B: EECBG Funding Breakdown

Please budget how the EECBG funding (Table A, line 1 above) breaks down between the following categories. Please note that the energy audit cost column may not be more than 50 percent of the total.

Expense Categories	Energy Audit Costs	EEM/ECM Costs**	Total
Personnel	\$10,000 ⁰⁰	\$	\$0
Travel	\$1,500 ⁰⁰	\$	\$0
Materials & Supplies	\$	\$	\$0
Equipment	\$12,000 ⁰⁰	\$	\$0
Contractual	\$4,500 ⁰⁰	\$	\$0
Total	\$0 19,000 ⁰⁰	\$0	\$0

**EEM: Energy Efficiency Measure, ECM: Energy Conservation Measure; defined in EECBG Funding Announcement and Instructions document.

Budget Narrative

Please briefly describe the use of EECBG funds and any matching funds, as categorized above:

We need to Replace our WASTE HEAT SYSTEM AND RE-PLUMB the new WASTE HEAT SYSTEM AT THE POWER HOUSE AND THE WASTEWATERIA. TO THE WATER TANK.



SHISHMAREF 10-178 (6 pages)

Alaska Small Cities Energy Efficiency and Conservation Block Grant (EECBG)

Grant Application, Option 3

(For option 3 applicants only)

Single-Stage Project: Energy Efficiency and Conservation Measures

1. Name of City or Borough: City of Shishmaref

2. Please list the buildings or facilities that will receive energy efficiency and conservation measures.

#	Name of Building or Facility	Street Address	Sq.Ft.	Sector
1.	City Office Building	Sea View Lane 1		Public Building
2.	Friendship Center Building	Sea View Lane 1		Public Building
3.				Select from Arrow
4.				Select from Arrow
5.				Select from Arrow
6.				Select from Arrow
7.				Select from Arrow
8.				Select from Arrow
9.				Select from Arrow
10.				Select from Arrow

If additional space is needed, please list other buildings in the "additional comments" box below.

3. Summary of Project

Renovating and making buildings more energy efficient upgrading to energy efficient heating.

SHISHMAREF 10-178 (6 pages)

4. Description of the work to be conducted: *(see instructions and sample application)*

Category	Description of Work
a. Building Envelope <i>(insulation, weather stripping, crack sealing, windows, doors, etc.)</i>	Resealing Windows, Replacing doors, and Weather stripping. Sealing cracks
b. Building Heating System <i>(and/or air conditioning and ventilation)</i>	Replacing heating systems to more Energy Efficient, and Fuel Efficient heating systems.
c. Building Lighting & Controls <i>(indoor and outdoor)</i>	Installing New Energy Efficient Lighting, and switches (Indoor and Exterior Lights).
d. Electrical Equipment <i>(motors, pumps, refrigerators, timers, controls, equipment, or any other allowable electric load retrofits)</i>	Wire, outlets, and light Switches that need replacing.

SHISHMAREF 10-178 (6 pages)

<p>e. Energy Conservation Measures (human behavior changes)</p>	<p><input checked="" type="checkbox"/> Adopting workplace energy efficiency policies</p> <p><input checked="" type="checkbox"/> Installing power strips on phantom electric loads</p> <p><input checked="" type="checkbox"/> Posting signage reminders about turning off equipment, etc.</p> <p><input checked="" type="checkbox"/> Other (describe):</p> <p>making sure that all lights are turned off before leaving workplace.</p>
<p>f. Other Measures</p>	

5. Will all fluorescent lamps and lighting ballasts be recycled? Yes No N/A

6. Will any refrigerants be generated? Yes No If yes, will they be recycled? Yes No

7. Waste Disposal: Describe your waste disposal or recycling plan for any wastes that will be generated by this project.

SEP recycling Shishmaref IRA

8. Estimated Metrics for Entire Project

a. Estimated energy saved per year:	#	Units	Multiplier	kBTUs
	400	kWh electricity	10.3	0
	0	Gal. of diesel or heating fuel	135.1	54,000
	0	Gal. of propane	91.0	0
	0	CCF of natural gas	100.0	0
	0	Other: _____		0
		Total annual kBTUs saved		54,000

SHISHMAREF 10-178 (6 pages)

Describe your calculation methodology:	The estimated amount of fuel saved per year for both buildings will be about 400 gallons of heating oil.	
b. Estimated energy costs saved per year:	\$ 2,500	
Describe your calculation methodology:		
c. Estimated jobs created or retained:	5	FTE (Full Time Equivalents) See instructions
d. Full project simple payback period calculation:	13.48	Years
e. Estimated annual kBTUs saved per grant dollar:	1.60237388724 kBTU/year/grant dollar savings	

9. Additional Comments



SHISHMAREF 10-178 (6 pages)

**Alaska Small Cities
Energy Efficiency and Conservation Block Grants**

Budget Form

Name of City or Borough: City of Shishmaref

Table A: Full Project Budget

Line	Funding Source	Budgeted Amount
1.	EECBG funds requested	\$ 33,700
2.	City/borough matching or in-kind contributions	\$ 0
3.	Funding from other sources*	\$ 0
4.	Estimated total project cost	\$ 33,700

* Identify other sources from line 3, and whether sources are confirmed or pending:

Table B: EECBG Funding Breakdown

Please budget how the EECBG funding (Table A, line 1 above) breaks down between the following categories. Please note that the energy audit cost column may not be more than 50 percent of the total.

Expense Categories	Energy Audit Costs	EEM/ECM Costs**	Total
Personnel	\$	\$ 9,700	\$ 9,700
Travel	\$	\$	\$ 0
Materials & Supplies	\$	\$ 18,000	\$ 18,000
Equipment	\$	\$ 6,000	\$ 6,000
Contractual	\$	\$	\$ 0
Total	\$ 0	\$ 33,700	\$ 33,700

**EEM: Energy Efficiency Measure, ECM: Energy Conservation Measure; defined in EECBG Funding Announcement and Instructions document.

Budget Narrative

Please briefly describe the use of EECBG funds and any matching funds, as categorized above:

Changing of the heating systems to be more energy efficient, and the weatherization of the buildings, such as weather stripping, resealing and replacing of windows, and doors. Replacing wire, and lighting fixtures and electrical outlets, switches, surge protectors, for all equipment in buildings. To make the buildings more energy efficient and warmer.



SHUNGNAK 10-185 (4 pages)
Alaska Small Cities
Energy Efficiency and Conservation Block Grant (EECBG)

Grant Application, Option 1
(For option 1 applicants only)
Opt-In Technical Assistance

1. Name of City or Borough: City of Shungnak

2. To what extent is the community committed to coordinating, planning and working with the contractor? Please describe.

Shungnak commits to making appropriate staff available to coordinate with the selected service provider to assist with project planning, allowing access to all buildings and facilities in a time appropriate manner, providing local transportation and housing to the service provider for up to four visits.

3. Will in-kind support be provided to the project by the community? If so, please describe the types of in-kind support that are available (labor, storage, lodging, other), and the extent to which it is available.

Approximately 300 hours of city staff and community volunteer time in planning, coordinating, moving materials, helping with transportation, and helping implement projects. The city can provide unheated but dry storage space, and will pick up materials from the airport or barge dock upon arrival. The city will provide lodging, if desired, for the service provider. The approximate value of these in-kind donations is specified on the budget form.

4. If known, what buildings or facilities would the city like the contractor to focus on during the audit portion of the work? If specific known opportunities exist in any of these buildings, please list them in "additional comments" section below.

#	Name of Building or Facility	Street Address	Sq. Ft.	Sector
1.	Shungnak City Building	P.O. Box 59	1,300	Public Building
2.				Select from Arrow
3.				Select from Arrow
4.				Select from Arrow
5.				Select from Arrow

If additional space is needed, please list other buildings in the "Additional comments" box below.

5. Summary of Project **SHUNGNAK 10-185 (4 pages)**

Shungnak has selected Option 1, opt-in technical assistance program. Therefore, we will await the service provider's technical assistance prior to determining the full scope of work. We have committed to providing in-kind services, labor, storage and lodging to the service provider for this project at an estimated value of \$6,000. We have specified Shungnak City Building receive an energy audit or assessment by the service provider.

6. Additional Comments



SHUNGNAK 10-185 (4 pages)

**Alaska Small Cities
Energy Efficiency and Conservation Block Grants**

Budget Form

Name of City or Borough: City of Shungnak

Table A: Full Project Budget

Line	Funding Source	Budgeted Amount
1.	EECBG funds requested	\$21,000
2.	City/borough matching or in-kind contributions	\$6,000
3.	Funding from other sources*	\$
4.	Estimated total project cost	\$27,000

* Identify other sources from line 3, and whether sources are confirmed or pending:

Table B: EECBG Funding Breakdown

Please budget how the EECBG funding (Table A, line 1 above) breaks down between the following categories. Please note that the energy audit cost column may not be more than 50 percent of the total.

Expense Categories	Energy Audit Costs	EEM/ECM Costs**	Total
Personnel	\$	\$	\$
Travel	\$	\$	\$
Materials & Supplies	\$	\$	\$
Equipment	\$	\$	\$
Contractual	\$	\$	\$
Total	\$0	\$0	\$0

**EEM: Energy Efficiency Measure, ECM: Energy Conservation Measure; defined in EECBG Funding Announcement and Instructions document.

Budget Narrative

Please briefly describe the use of EECBG funds and any matching funds, as categorized above:

The City has committed to contributing at least \$6,000 of in-kind contributions to extend the energy savings through this project. The EECBG funds will be managed and reported on by the selected service provider. The city will provide the service provider timely updates of our cash and in-kind spending for each quarterly report.



TELLER 10-170 (4 pages)

**Alaska Small Cities
Energy Efficiency and Conservation Block Grant (EECBG)**

**Grant Application, Option 1
(For option 1 applicants only)
Opt-In Technical Assistance**

1. Name of City or Borough: City of Teller

2. To what extent is the community committed to coordinating, planning and working with the contractor? Please describe.

We fully support the contractor and assist him/her to coordinate, plan and work on the energy efficient project for the Teller Community/Bingo Hall.

3. Will in-kind support be provided to the project by the community? If so, please describe the types of in-kind support that are available (labor, storage, lodging, other), and the extent to which it is available.

Lodging may be provided for the assessment and project. If storage for materials is needed, the City of Teller has a garage, which can be utilized. To some extent, we will be able to provide labor costs.

4. If known, what buildings or facilities would the city like the contractor to focus on during the audit portion of the work? If specific known opportunities exist in any of these buildings, please list them in "additional comments" section below.

#	Name of Building or Facility	Street Address	Sq. Ft.	Sector
1.	City of Teller Community / Bingo Hall	15 Grantley Avenue	2,500	Public Building
2.				Select from Arrow
3.				Select from Arrow
4.				Select from Arrow
5.				Select from Arrow

If additional space is needed, please list other buildings in the "Additional comments" box below.

5. Summary of Project **TELLER 10-170 (4 pages)**

The City of Teller has selected Option 1, opt-in technical assistance program. We will await the service provider's technical assistance prior to determining the full scope of work. We have specified one building/facility to receive an energy audit or assessment by the service provider.

1. City of Teller Community / Bingo Hall

6. Additional Comments

The City of Teller and community is in need of a new boiler at the Community Building/Bingo Hall. We fully support this opportunity to receive a new boiler due to the current boiler is 20-25 years old. The Community Building is in need of an energy efficient boiler so that we can save on fuel oil. We utilize this building for meetings, bingo and community activities.



TELLER 10-170 (4 pages)
Alaska Small Cities
Energy Efficiency and Conservation Block Grants

Budget Form

Name of City or Borough: City of Teller

Table A: Full Project Budget

Line	Funding Source	Budgeted Amount
1.	EECBG funds requested	\$ 20,500
2.	City/borough matching or in-kind contributions	\$
3.	Funding from other sources*	\$
4.	Estimated total project cost	\$ 20,500

* Identify other sources from line 3, and whether sources are confirmed or pending:

Table B: EECBG Funding Breakdown

Please budget how the EECBG funding (Table A, line 1 above) breaks down between the following categories. Please note that the energy audit cost column may not be more than 50 percent of the total.

Expense Categories	Energy Audit Costs	EEM/ECM Costs**	Total
Personnel	\$	\$	\$0
Travel	\$	\$	\$0
Materials & Supplies	\$	\$	\$0
Equipment	\$	\$	\$0
Contractual	\$	\$	\$0
Total	\$0	\$0	\$0

**EEM: Energy Efficiency Measure, ECM: Energy Conservation Measure; defined in EECBG Funding Announcement and Instructions document.

Budget Narrative

Please briefly describe the use of EECBG funds and any matching funds, as categorized above:



WHITE MOUNTAIN 10-196 (4 pages)

Alaska Small Cities Energy Efficiency and Conservation Block Grant (EECBG)

Grant Application, Option 1 (For option 1 applicants only) Opt-In Technical Assistance

1. Name of City or Borough: City of White Mountain

2. To what extent is the community committed to coordinating, planning and working with the contractor? Please describe.

The City of White Mountain understands this project will be beneficial for our community, and is committed to providing any assistance we are capable of providing. Esther Lincoln, Utilities Manager, will be available to provide any needed assistance in coordinating, planning and providing any other logistical support.

3. Will in-kind support be provided to the project by the community? If so, please describe the types of in-kind support that are available (labor, storage, lodging, other), and the extent to which it is available.

The City of White Mountain will provide in-kind support in the form of labor, storage and lodging. If needed, we have it in our budgets for 1 laborer to work 50 hours, at \$20.00 per hour. Storage will be provided as in-kind support, and is valued at \$750.00 per month. Lodging will also be provided as in-kind support, at \$105.00 per night for 15 nights. Total in-kind support is valued at \$3,325.00.

4. If known, what buildings or facilities would the city like the contractor to focus on during the audit portion of the work? If specific known opportunities exist in any of these buildings, please list them in "additional comments" section below.

#	Name of Building or Facility	Street Address	Sq. Ft.	Sector
1.	White Mountain Water Plant	130 Charles Boulevard		Other Public Facility
2.	White Mountain City Offices	150 Municipal Way		Public Building
3.				Select from Arrow
4.				Select from Arrow
5.				Select from Arrow

If additional space is needed, please list other buildings in the "Additional comments" box below.

5. Summary of Project **WHITE MOUNTAIN 10-196 (4 pages)**

The City of White Mountain requests that an energy audit be performed at the White Mountain Water Treatment Plant. The facility currently consumes an average of 1,000 gallons of fuel oil per month. There are 2 over-sized boilers that are in operation. We believe the boilers can be replaced with more energy-efficient equipment. If there is any funding left after the energy audit is performed, and more energy efficient equipment has been installed at the Water Treatment Plant, we would like to have an energy audit done at the City Offices, as well as replacing the doors and the windows at that location to make it more energy efficient as well.

6. Additional Comments

If you have any questions regarding our application, please contact Esther Lincoln, Utilities Manager, at 638-2230.



WHITE MOUNTAIN 10-196 (4 pages)

**Alaska Small Cities
Energy Efficiency and Conservation Block Grants**

Budget Form

Name of City or Borough: City of White Mountain

Table A: Full Project Budget

Line	Funding Source	Budgeted Amount
1.	EECBG funds requested	\$ 17,700
2.	City/borough matching or in-kind contributions	\$ 3,325
3.	Funding from other sources*	\$ 0
4.	Estimated total project cost	\$ 21,025

* Identify other sources from line 3, and whether sources are confirmed or pending:

N/A

Table B: EECBG Funding Breakdown

Please budget how the EECBG funding (Table A, line 1 above) breaks down between the following categories. Please note that the energy audit cost column may not be more than 50 percent of the total.

Expense Categories	Energy Audit Costs	EEM/ECM Costs**	Total
Personnel	\$ 500.00	\$ 1,000.00	\$ 1,500.00
Travel	\$ 895.00	\$ 895.00	\$ 1,790.00
Materials & Supplies	\$ 1,000.00	\$	\$ 1,000.00
Equipment	\$	\$ 10,000.00	\$ 10,000.00
Contractual	\$	\$ 3,410.00	\$ 3,410.00
Total	\$ 2,395.00	\$ 15,305.00	\$ 17,700.00

**EEM: Energy Efficiency Measure, ECM: Energy Conservation Measure; defined in EECBG Funding Announcement and Instructions document.

Budget Narrative

Please briefly describe the use of EECBG funds and any matching funds, as categorized above:

The funding from the EECBG will be used to perform an energy audit at the White Mountain Water Treatment Plant, to replace the over-sized boilers at that location, to perform other energy-saving measures, and if there is any funding remaining, to perform energy-saving measures at the City Offices.
--