

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: Tenakee Springs****Federal Tax ID: 92-0048310****Project Title:****Project Type: Remodel, Reconstruction and Upgrades**

Tenakee Springs - LED Street Lights

State Funding Requested: \$18,750**House District: 5 / C**

One-Time Need

Brief Project Description:

Street lighting is a major cost of electricity to the City, and can be greatly reduced by the use of energy efficient LED lighting.

Funding Plan:

Total Project Cost:	\$36,450
Funding Already Secured:	(\$17,700)
FY2013 State Funding Request:	<u>(\$18,750)</u>
Project Deficit:	\$0

Funding Details:

None

Detailed Project Description and Justification:

The City of Tenakee Springs, Alaska, is in the process of retrofitting its standard 250 watt and nonstandard 75 watt street lights with energy efficient LED lights. The cost of street lighting, one of the major power costs to the city, can be reduced greatly with more efficient lighting.

There are a total of 45 street lights that have been identified for replacement.

The estimated cost per light is \$600. The estimated installation and administration is estimated at \$150 per light. With research and administration, this makes the total cost of the project approximately \$36,450. These estimates are by the Alaska Building Science Network (ABSN) and the City of Tenakee Springs Electric Manager.

In 2010, the City of Tenakee Springs received partial funding for this project through the Alaska Small Cities Energy and Efficiency Conservation Block Grant. The total grant amount was for \$17,700 with \$3,500 of that being in kind contributions from the City for installation. The grant is being administered by the ABSN who recommended this project, conducted the research and will be ordering the first 20 fixtures. The ABSN is still in the process of selecting a vendor but should complete ordering by the end of February 2012.

Project Timeline:

Immediately upon funding approval.

Entity Responsible for the Ongoing Operation and Maintenance of this Project:

The City of Tenakee Springs

Grant Recipient Contact Information:

Name:	Don Pegues
Title:	Mayor
Address:	707 West Tenakee Avenue (P.O. Box 536) Tenakee Springs, Alaska 99841
Phone Number:	(907)736-2207
Email:	citytke@gmail.com

Has this project been through a public review process at the local level and is it a community priority? Yes No

<i>For use by Co-chair Staff Only:</i>
3:17 PM 5/2/2012

CITY OF TENAKEE SPRINGS

Don Pegues
MAYOR

ADMINISTRATION
(907) 736-2207
(907) 736-2249 fax
citytke@gmail.com

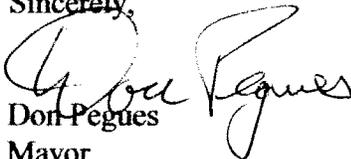
January 31, 2012

Representative Bill Thomas
Alaska State Capital Room #505
Juneau, AK 99801

Dear Representative Thomas,

At our regular City Council meeting held on January 20, 2012, the City Council unanimously approved the submission of the Tenakee Springs Electric Department's request for CAPSIS funding to retrofit the city street lights with led lighting.

Sincerely,


Don Pegues
Mayor

Energy Efficiency LED Street Light Retrofit

Description of Project:

The City of Tenakee Springs Alaska is in the process of retrofitting its standard 250 watt and non-standard 75 watt street lights with energy efficient LED Street Lights. The cost of street lighting, one of the major power costs to the City, can be reduced greatly with more efficient lighting.

There are a total of 45 street lights that have been identified for replacement.

The estimated cost per light is \$600. The estimated installation and administration is estimated at \$150 per light. With research and administration this makes the total cost of the project approximately \$36450. These estimates are by The Alaska Building Science Network and the City of Tenakee Springs Electric Manager.

The City of Tenakee Springs in 2010 received partial funding for this project through the Alaska Small Cities Energy Efficiency and Conservation Block Grant. The total grant amount was for \$17,700 with \$3500 of that being in kind contributions from the City for installation. The grant is being administered by the Alaska Building Science Network who recommended this project, conducted the research and will be ordering the first 20 fixtures. The ABSN is still in the process of selecting a vendor but should complete ordering by the end of February 2012.

Of the \$17,700 we estimate that:

\$9000 will be used purchasing 20 fixtures;

\$3500 will be used installing the 20 fixtures;

\$5200 will be or has been used for research and administration.

This leaves 25 fixtures to be purchased, shipped and installed at a total cost of \$18750.

\$18750 is the amount we are requesting from this year's capital budget.

This is the total cost needed to complete this project and additional funding would not be requested for this in the following year.