

**Agency: Commerce, Community and Economic Development**  
**Grants to Unincorporated Communities (AS 37.05.317)**

**Grant Recipient: Tetlin**

**Federal Tax ID: 92-005762**

**Project Title:**

**Project Type: New Construction and Land Acquisition**

## Tetlin - Biomass Energy Project

**State Funding Requested: \$200,000**  
 One-Time Need

**House District: 6 / C**

### Brief Project Description:

Tetlin IRA Council will be applying to federal funding sources to obtain bio-mass energy system funding and requires a \$200,000 cash "match".

### Funding Plan:

Total Project Cost:	\$1,800,000
Funding Already Secured:	(\$145,000)
FY2012 State Funding Request:	(\$200,000)
Project Deficit:	\$1,455,000

#### Funding Details:

Tetlin will using \$145,000 of its NAHASDA funding for the Project and will be applying \$1,455,000 from HUD for the Project thereby requiring a \$200,000 CIP as part of the required cash "match".

### Detailed Project Description and Justification:

Tetlin IRA Council is working with the Gateway School District to replicate a bio-mass heating/electrical plant at Tetlin similar to the project completed at Tok School but on smaller scale. The Council has re-directed \$145,000 of its NAHASDA funding towards the project and is preparing an application to HUD's Rural Innovation Fund program in the amount of \$1,455,000. A \$200,000 CIP is required to provide match in this HUD funding application. The project will utilize the thousands of cord of standing dead trees in the area remaining from a past forest fire.

The legislature CIP in the amount of \$200,000.00 to be used in conjunction with other funds which have been committed for the purpose of constructing a wood chip fired combined heat and power plant.

Building upon the experience gained in the successful completion of the Tok School Biomass Project, and having identified a continuous fiber supply deliverable to the plant within the economic envelope of feasible operation, we are certain that an investment in rural alternative energy in Tetlin will produce satisfactory returns.

We propose to construct a combined heat and power plant of approximately 3MMBTU at 100BHP to produce at full combustion, 80 to 100KWH of electricity and 2 to 3 million BTU of condensate heat. This heat and electricity will be used for the public buildings owned by the village and be sold to the Alaska Gateway School District to heat and power the Tetlin School. The high volume condensate heat remaining and low cost electricity will be used for local food production through greenhouses and livestock farming.

Thank you for your consideration for this most important project,

### Project Timeline:

Project construction would start fall, 2011 but most construction will take place during 2012.

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

Tetlin IRA Council

**Grant Recipient Contact Information:**

Name: Kristie Young  
Title: Tribal Administrator  
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Tetlin, Alaska 99780  
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Has this project been through a public review process at the local level and is it a community priority?  Yes  No

**Tetlin IRA Council**  
P.O. Box 797  
Tetlin, AK 99780

**RESOLUTION NUMBER 2011 - 1 - 08**

**A RESOLUTION SUPPORTING FY2012 CIP FUNDING  
FOR THE TETLIN BIO-MASS ENERGY PROJECT  
PURCHASE - NUMBER TWO COMMUNITY PRIORITY**

**WHEREAS**, it is the Tetlin IRA Council's mission, purpose and vision is to improve the health and welfare of the residents of Tetlin, and

**WHEREAS**, the Tetlin IRA Council is seeking federal funding to construct a village bio-mass energy system which requires cash "match" contributions from the Council, and

**WHEREAS**, approval of this CIP request will enable the Council leverage six times the requested CIP funding from federal programs, and

**THEREFORE BE IT RESOLVED**, that the Tetlin IRA Council hereby certifies that it has received and considered citizen comments and hereby declares that establishment of a village bio-mass energy system is a village development priority.

**BE IT FURTHER RESOLVED**, that the Tetlin IRA Council hereby respectfully requests a Legislative CIP appropriation in the amount of \$200,000 for the purpose of implementing the Tetlin Bio-Mass Energy System Project during 2011-- 2012.

This resolution was duly adopted by the Tetlin IRA Council at a meeting held at the Village Council's office in Tetlin, Alaska on the 26<sup>th</sup> day of January, 2011 by the following vote: Ayes 4, Nays 0, Abstain 0.

  
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Danny Adams - President

  
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Attest