

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

**Grant Recipient: Chignik Lake**

**Federal Tax ID: 92-0069208**

**Project Title:**

**Project Type: Remodel, Reconstruction and Upgrades**

## Chignik Lake - AMPY Meter Acquisition

**State Funding Requested: \$50,000**  
 One-Time Need

**House District: 37 / S**

### Brief Project Description:

Purchase new AMPY meters and pay for evaluation of the power grid

### Funding Plan:

Total Project Cost:	\$160,000
Funding Already Secured:	(\$110,000)
FY2012 State Funding Request:	<u>(\$50,000)</u>
Project Deficit:	\$0

#### Funding Details:

*Borough Revenue Sharing 2011 & 2012 = \$22,000; State Revenue Sharing 2012 = \$20,000; loan for AEA = \$68,000*

### Detailed Project Description and Justification:

Chignik Lake Electric Utility is in need of replacing the currently outdated power stat system. This project will purchase new AMPY meters for each customer at a cost of \$65,000. The utility also needs a power-grid evaluation (\$15,000) and repairs. The repairs, retro-fitting and upgrading is expected to cost around \$80,000.

### Project Timeline:

Power grid evaluation March - April 2011  
 Retro-fitting power grid upgrades - May - June 2011  
 AMPY meter acquisition - July - Sept 2011

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

Chignik Lake Electric Utility/CLVC

### Grant Recipient Contact Information:

Name: John Lind  
 Title: Village Council President  
 Address: PO Box 33  
 Chignik Lake, Alaska 99548  
 Phone Number: (907)845-2212  
 Email: chigniklakecouncil@yahoo.com

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



**MARSHCREEK**  
ENERGY SYSTEMS

March 12, 2010

Peducia Andrew  
Nathan Hill  
Kokhanok Village Council  
P. O. Box 1007  
Kokhanok, Alaska 99606

Subject: Quotation AMPY Pay-As-You-Go  
Metering System

Dear Peducia and Nathan:

Marsh Creek Energy Systems is pleased to offer you the following quotation for supply, installation and training for the following AMPY Pay-As-You-Go Metering System.

The cost proposal includes all costs associated with the supply, installation and training for the Ampy Pay-As-You-Go Metering System.

- 65 ea      Electronic Ampy 5211 meter and Customer Information Unit (CIU) Display/Smart Card Reader and, heavy-duty meter rings and seals (includes 8 spares).
  
- 1 lot      Office System to include:
  - Dell dual hard drive computer, laser printer, and UPS battery backup
  - Dell backup and meter diagnostic netbook computer and carrying case
  - External backup portable hard drive
  - AMPY Management System software (2-year licensing fee)
  - AMPY Field Unit Software
  - Custom portable meter base for equipment set up and diagnostics
  - Smart Card Reader/Encoder (2)
  - Smart Cards (150)
  - Computer set-up and testing.
  - On site training of utility office personnel on all aspects of the AMPY system (4) days) to include supervision of local office staff during the initial changeover to Pay-As-You-Go.
  
- Hands on 4-day training of local utility personnel (minimum of three local technicians). This training includes equipment installation and troubleshooting procedures.
  
- One-year warranty on parts and labor.
  
- 6 months free technical support.

Customer broadband wireless or satellite internet access is required for remote access troubleshooting and training purposes.

The price below also includes all costs associated with installing and testing the AMPY system other than weather delays which will be invoiced on a time and materials basis. Note that the cost does not include any required repair or upgrade of existing building services or wiring.

Project Component Costs

Office System & Equipment	\$ 11,500
Meter & Customer Information Units (CIU) <i>(also includes meter rings, seals, Smart cards)</i>	23,000
System Setup / Installation / Training <i>(MC labor, travel, room &amp; board, materials)</i>	11,500
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TOTAL -	\$ 46,000

*Proposal is valid for 60 days*

For the purchase of additional spare meters and displays after the initial order, add \$350.00 each FOB Anchorage.

Normal lead time for delivery after receipt of your order is approximately 16 weeks if Marsh Creek does not have equipment in stock at time of order.

If you have any questions, call me anytime. We look forward to hearing from you.

Sincerely,



Clarissa Quinlan  
Project Manager