

Agency: Commerce, Community and Economic Development

Grants to Unincorporated Communities (AS 37.05.317)

Grant Recipient: Chalkyitsik

Project Title:

Project Type: Equipment and Materials

Chalkyitsik - Electrical Metering Program

State Funding Requested: \$38,000

House District: 6 / C

One-Time Need

Brief Project Description:

To install "smart" electrical metering throughout the village in order to promote consumer energy efficiency behavior. This is Chalkyitsik's 3rd. priority.

Funding Plan:

Total Cost of Project: \$38,000

	<u>Funding Secured</u>		<u>Other Pending Requests</u>		<u>Anticipated Future Need</u>	
	<i>Amount</i>	<i>FY</i>	<i>Amount</i>	<i>FY</i>	<i>Amount</i>	<i>FY</i>
State Funds					\$38,000	
Total					\$38,000	

Detailed Project Description and Justification:

Chalkyitsik Traditional Council (CTC) owns and operates the electrical utility at Chalkyitsik Village. CTC's electrical metering is old and many meters are not accurate. CTC desires to upgrade all metering in the village to "smart" metering in order to provide an educational tool to consumers on their electricity use behavior and hopefully stimulate users to conserve. Also, the planned "smart" metering program will give CTC the option of requiring prepayment to users who has a track record on slow or non-payment. CTC operates the utility as a community service and no profit is gained.

Project Timeline:

CTC will purchase and install the planned metering by winter, 2010.

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

CTC will cover all O&M expenses.

Grant Recipient Contact Information:

Name: Chalkyitsik Traditional Council
 Address: P.O. Box 57
 Chalkyitsik, AK 99788
 Phone Number: (907)848-8117
 Email: willie_salmon07@yahoo.com

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

For use by Co-chair Staff Only:

\$38,000
Approved

5:21 PM 5/4/2010



February 4, 2010

Mr. William Salmon, Jr.
Chalyitsik Village Council
P. O. Box 57
Chalkyitsik, Alaska 99788

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

Dear Mr. Frank:

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.

- 30 ea Electronic Ampy meter and Customer Information Unit (CIU) Display/Smart Card Reader and, heavy-duty meter rings and seals (no spares).
- 1 lot Office System to include:
 - Dell dual hard drive computer, laser printer, and UPS battery backup
 - Dell backup and meter diagnostic laptop 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 (80)
 - 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 two 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	\$ 11,215
Meter & Customer Information Units (CIU) <i>(also includes meter rings, seals, Smart cards)</i>	10,580
System Setup / Installation / Training <i>(MC labor, travel, room & board, materials)</i>	13,835
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TOTAL -	\$ 35,630

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