

Agency: Commerce, Community and Economic Development**Grants to Named Recipients (AS 37.05.316)****Grant Recipient: Takotna Community Association****Federal Tax ID: 92-0073210****Project Title:****Project Type: Information Systems and Technology**

Takotna Community Association - Upgrade to Existing Out-Of-Date Manual Metering Systems

State Funding Requested: \$60,000**House District: 38 / S**

One-Time Need

Brief Project Description:

Improve the management efficiency of current electrical and fuel distribution systems provided by the Takotna Community Association.

Funding Plan:

Total Project Cost:	\$69,639
Funding Already Secured:	(\$9,639)
FY2015 State Funding Request:	(\$60,000)
Project Deficit:	\$0

Detailed Project Description and Justification:

The Takotna Community Association provides bulk fuel storage and diesel-powered electrical services to the village of Takotna. Funding will be used to upgrade out-of-date manual distribution systems with automatic electronic systems to more efficiently manage utilities.

The Takotna Bulk Fuel Storage facility provides storage to include gasoline purchased by village residents. The existing keyed distribution system allows customers the ability to draw gasoline from storage on an individual basis. An upgrade of the manual keyed system to an electronic card system (FuelMaster 2500) will eliminate consistent abuse of the shared storage facility. The upgraded system will provide an automatic shut off switch and a declining balance feature so that customers can monitor their fuel consumption in real-time as well as provide more efficient management tools for the utility provider.

Appropriation will also upgrade the existing electrical power meters within the village to AMPY pre-payment meters. This system has been proven across the State to eliminate disconnects for delinquent energy users and provides management tools for consumers to monitor energy use and reduce accrued utility debt.

Project Timeline:

This project can be completed within 3-4 weeks of funding award

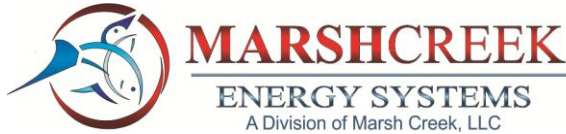
Entity Responsible for the Ongoing Operation and Maintenance of this Project:

Takotna Community Association

Grant Recipient Contact Information:

Name:	Nell Huffman
Title:	Secretary
Address:	#7 Gold Creek Takotna, Alaska 99675
Phone Number:	(907)298-2420
Email:	takotna@gmail.com

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



February 6, 2014

Mr. Jesse Grady
Takotna Community Association
P. O. 7509
Takotna, Alaska 99675

Subject: Budgetary Quotation -
Takotna_Ampy Pay-As-You-Go
Metering System

Dear Jesse:

Marsh Creek Energy Systems is pleased to offer you the following budgetary 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.

- 40 ea Electronic Ampy Model 5252 meter and Model 5253 Customer Information Unit (CIU) Display/Smart Card Reader and, heavy-duty meter rings and locks (includes 5 spare sets).
- 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 portable hard drive and remote internet backup.
 - Ampy Management System (AMS) software
 - Ampy Field Unit (FUS) Software.
 - Portable office meter base for equipment set up and diagnostics.
 - Smart Card Reader/Encoder (2).
 - Smart Cards (100).
 - Computer set-up and testing.
 - On-site training of utility office personnel on all aspects of the Ampy system (3 days) to include supervision of local office staff during the initial changeover to Pay-As-You-Go.
- Hands on 3-day installation and training of local utility technicians (minimum of two local technicians). This training includes equipment installation and troubleshooting procedures.
- One-year warranty on parts and labor.
- 12 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	\$ 9,980	(<u>one-time cost</u>)
Meter & Customer Information Units (CIU) <i>(also includes meter rings, seals, smart cards)</i>	14,490	
System Setup / Installation / Training <i>(MC labor, travel, room & board, materials)</i>	12,530	(<u>one-time cost</u>)
	<u> </u>	
TOTAL -	\$ 37,000	

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

A 50% payment advance requested upon receipt of purchase order or acceptance of this cost proposal.

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

Proposal Accepted

By: _____

Date: _____

Title: _____

ORDER #

Estimate Date: 02/05/2014	Customer PO #	Salesperson: Greg Moose-NW Pump
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ESTIMATE

FOR MARIE/TIFFANY

Sold To:			
Takotna Community Association			
#7 Gold Creek			
PO Box 7509			
Takotna	AK	99675	CO:
Email: takotna@gmail.com			
Phone Number: 907-298-2420			

Installed by:

FOR MARIE/TIFFANY

End User:			
Shipping: ENTER CONTACT NAME:			
BUSINESS NAME:			
STREET ADDRESS1:			
STREET ADDRESS2:			
CITY:	ST:	ZIP:	CO:
PHONE:			

SELECT ACCOUNT TYPE

This ESTIMATE is good for 30 days from 02/05/2014

Item	Qty	Retail Per Unit		Net Price
FMU-2580PLUSG: >PROKEE@ /SMARTCARD MASTER UNIT, Gray	1	\$6,439.00		\$6,439.00
227838A: >FUELMASTER@ PLUS WINDOWS SOFTWARE (Both SQL Server & Access)	1	\$1,949.00		\$1,949.00
941C0105: >HARNESS ASSY, LAPTOP/2500	1	\$69.00		\$69.00
941B0435: >DATA LOGGER	1	\$395.00		\$395.00
199001: >HOSE CONTROLLER - 50 Amp	1	\$195.00		\$195.00
Select A Product				
941D0105A: >Smartcard- White (A)	100	\$4.95		\$495.00
941D0119: >Smartcard Encoder, USB	1	\$550.00		\$550.00
Select A Product				
Select A Product				

	List Price Subtotal	\$10,092.00
	Less Discount of:	\$0.00
	Estimated Shipping Charges:	\$225.00
	Total This Order:	\$10,317.00

Please add additional instructions or notes in this area:

FOB- NW Pump, Anchorage

Please submit order form to:
salesorders@myfuelmaster.com



Estimate

Date	Estimate #
2/6/2014	0693

Phone #	Fax #
907-522-4684	907-345-4896

Name / Address
Takotna Community Association Attn: Nell Huffman, Secretary #7 Gold Creek PO Box 7509 Takotna Alaska, 99675

Terms	Rep	Project
30 days	Lance	Fuel Master Install

Item	Description	Qty	Rate	Total
Bid Price	<p>We propose to provide labor, airfare, and per diem for the following scope of work:</p> <p>Scope of Work:</p> <ol style="list-style-type: none"> 1. Travel to Takotna from Anchorage 2. Remove existing Key system for Gasoline dispensers. 3. Install new owner provided Fuelmaster system. 4. Program to owner specifications. 5. Test new system and teach owner how to manage system. 6. Return to Anchorage. <p>Assumes:</p> <ol style="list-style-type: none"> 1. Work to be complete in spring/summer or owner to provide a heated work area under 20F 2. No underground trenching for electrical 3. New Fuelmaster to be mounted in next to existing gas dispensers. 4. No remote communications to Fuelmaster and no credit card network. 5. Owner to provide all Fuelmaster parts and AFS to provide all install including electrical. <p>Does not include:</p> <ol style="list-style-type: none"> 1. Delays due to weather, flight, defective owner supplied equipment, or any other delay beyond AFS control. Delays bill at T&M rates. 2. Repairs to any other fuel systems componants. 	1	12,822.00	12,822.00

Thank You for using Alaska Fuel Systems	Total
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Estimate

Date	Estimate #
2/6/2014	0693

Phone #	Fax #
907-522-4684	907-345-4896

Name / Address
Takotna Community Association Attn: Nell Huffman, Secretary #7 Gold Creek PO Box 7509 Takotna Alaska, 99675

Terms	Rep	Project
30 days	Lance	Fuel Master Install

Item	Description	Qty	Rate	Total
	3. Engineering if required.			

Thank You for using Alaska Fuel Systems	Total	\$12,822.00
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Takotna Community Association In-Kind Contributions

FuelMaster 2500 System Installation Estimate

	Rate/day	Total Days	Total
Village Provided Laborer	\$ 150	10	\$ 1,500
Room & Board/Internet	\$ 205	14	\$ 2,870
Total			\$ 4,370

AMPY System Installation Estimate

	Rate/day	Total Days	Total
Village Provided Laborer	\$ 150	8	\$ 1,200
Secretary Training	\$ 150	8	\$ 1,200
Room & Board/Internet	\$ 205	14	\$ 2,870
Total			\$ 5,270

Total Combined In-Kind Contributions **\$ 9,639**