

Agency: Commerce, Community and Economic Development**Grants to Named Recipients (AS 37.05.316)****Grant Recipient: Alaska Gateway School District****Federal Tax ID: 920058369****Project Title:****Project Type: Equipment and Materials**

Alaska Gateway School District - Emergency School Generator

State Funding Requested: \$8,500**House District: 39 / T**

One-Time Need

Brief Project Description:

To purchase an emergency generator that will provide electricity to the school during power outages by the local utility company.

To have emergency power available for the well pumps, boilers and lights.

To install a transfer switch to automatically start the generator during power outages.

Funding Plan:

Total Project Cost:	\$8,500
Funding Already Secured:	(\$0)
FY2015 State Funding Request:	<u>(\$8,500)</u>
Project Deficit:	\$0

Funding Details:

If additional funds are needed, the District will utilize local funds to complete this project.

Detailed Project Description and Justification:

Mentasta community and school prides themselves on being a community driven school. AGSD has formed a valuable partnership that focuses on three important aspects.

1. Safety of students
2. Attendance
3. Improving student test scores and closing the achievement gap.

Recently, Mentasta received an award from the State of Alaska Department of Education and Early Development and was recognized as one of Alaska's "Reward Schools." Mentasta Lake Katie John School is in the top 10% for improved academic results of all K-12 schools in the area of "High Progress". This was one of the three community school's goals -- to improve students' test scores.

Mentasta School also has a very good attendance record, 93 percent. This year parents are more gritty than ever about calling in if their child is late, or out sick. Students are demanding that their parents make appointments during break so the student can be eligible for attendance rewards. Students wear their perfect attendance jackets with pride and honor and other students want the same reward. Students want to be in school.

And of course school safety is a concern. This is one area that our community school needs help. The old village tribal hall

is worn out and the heating system and water are currently turned off. The new tribal hall is still under construction and lacks water and heat. The tribal council office and clinic are too small to hold a large number of students. If there is an emergency in the Mentasta region, a power outage, severe storm or any other disaster, the school is the safest place for students. Currently we have experienced several long-term power outages. We haven't sent kids home or closed school but a couple outages were long enough that this became a real possibility. Once the school loses water and the students can't wash their hands, it becomes a health issue; kids will be sent home.

We have had several inches of wet snow already. The village apartments were without water in part due to a power outage and fire for five days. Students relied on the school for laundry and showers. If the school and community loses power for a lengthy period of time, health concerns could arise due to unsanitary conditions.

The village of Mentasta has snowfall of four to five feet and sometimes more a year. Often we get several feet overnight. Power outages occur. In order to keep up with our current goals and practices, it is imperative that our school be able to stay open. Sending kids home due to a power outage is not a viable option. Not having a water source during a power outage is not sanitary. The community and students rely on the school. Students at home are students we can't educate. Therefore, we are requesting an emergency generator to be installed to power well pumps, boilers and lights that will automatically transfer during power outages.

Project Timeline:

The project was approved during the January 20th Regional School Board meeting as the number four priority for the district.

The equipment would be purchased as soon as an appropriation was awarded and be completed by September of 2014. All funds would be spent by December 31, 2014.

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

Alaska Gateway School District

Grant Recipient Contact Information:

Name: Todd Poage
 Title: Superintendent
 Address: 1313.5 Alaska Highway
 Tok, Alaska 99780
 Phone Number: (907)883-5151
 Email: tpoage@agsd.us

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

2013 Honda Power Equipment EB10000 (Honda Power Equipment)

STARTING AT:

\$5,399.95

ALASKA MINING & DIVING SUPPLY, INC.

3222 Commercial Drive
Anchorage, AK99501
(907) 277-1741
AK (800) 478-3444



Smartphone
interactive,
scan here.



<http://www.akmining.com/2013-Honda-Power-Equipment-EB10000-inventory.htm?id=18184202>

OEM Overview

10,000 watts, 120/240V
Honda commercial GX engine & heavy duty frame
Full GFCI protection
2 wheel kit & lift hook
Best fuel efficiency and lowest noise rating in its class
Electric start

Features

Advanced technology for consistent power and performance: The EB10000 uses Honda's exclusive DAVR (Digital Automatic Voltage Regulator). The DAVR is designed to hold the voltage stability within a +/- 1% range during operation. This provides more consistent power.

Powerful Honda GX630 commercial engine: The Honda V-Twin engine offers more power, reliability, greater fuel economy and reduced emissions in a more compact package.

Compact shape and unique design for easy installations: The EB10000 has a compact, slim design that can be easily installed on the job site. A centralized exhaust mechanism creates a unique "hot" zone for exhaust and "cool" zone for operation and passage. This design is especially helpful when using multiple units, as they can be easily positioned so as not to impact each others' cooling ventilation.

Quietest in its class!: The Honda EB10000 generator operates at an extremely quiet noise level – at approximately 76 decibels at 23 feet (equivalent to the noise of a vacuum cleaner). This low noise level is

achieved through a large muffler that includes a punching pipe, a perforated mechanism that allows for the smooth release of exhaust gas.

Electric start

7 outlets for easy connection of multiple tools: The control panel is positioned on the narrow side of the generator for convenient, easy access to all outlets.

i-Monitor LCD readout for performance monitoring and service diagnosis: i-Monitor™ provides information on hours of operation, wattage and engine speed, as well as diagnostics for convenient dealer servicing.

3 year commercial/residential warranty: You can rest easy, knowing your generator is covered from top to bottom for 3 full years.

Hanger kit/lifting eye standard

Easy folding handles: Wide, positive lock folding handles offer convenient transport and storage and a more compact unit.

Two wheel kit for easy transporting: The sturdy wheel kit makes the EB10000 easier to transport, even over rough terrain.

Best in class fuel efficiency: The EB10000 runs an impressive 7.2 hours at half load and 4.6 hours at full load.

Fuel gauge standard

All circuits GFCI protected: The EB10000 is OSHA compliant with neutral bond and full generator GFCI (Ground Fault Circuit Protection) on all outlets.

Tough one-piece welded frame: Helps protect the generator.

Protected by Honda Oil Alert®: Protects the generator by shutting the engine off when low oil is detected.

USDA-qualified spark arrestor/muffler

Electronic circuit breakers: Protects the generator from being overloaded.

Designed for easy maintenance: The EB10000 is designed with an easy-to-remove air cleaner and an oil gauge located near the oil filler cap – all elements that allow for ease of maintenance.

One-touch, removable plastic top cover: Allows for easy battery access and maintenance.

Reinforced standing legs

Electronic ignition

Meets OSHA, LA-ETL, and ANSI regulations

Specifications

Engine: Honda GX630

Displacement: 630cc

AC Output: 120/240V 10000W max. (83.8/41.6A) 9000W rated (75/37.5A)

Receptacles: 20A 125V Duplex (2), 30A 125V Locking Plug, 30A 125/250V Locking Plug, 50A 125/250V Locking Plug

Starting System: Electric

Fuel Tank Capacity: 8.1 gal.

Run Time per Tankful: 4.6 hrs @ rated load, 7.2 hrs @ 1/2 load

Dimensions (L x W x H): 55.9 in. x 26.7 in. x 35.1 in.

Noise Level: 76 dB @ rated load

Dry Weight: 403 lb.

Residential Warranty: 3 Years

Commercial Warranty: 3 Years

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Other	
AC Output	120/240V 10000W max. (83.8/41.6A) 9000W rated (75/37.5A)
Receptacles	20A 125V Duplex (2), 30A 125V Locking Plug, 30A 125/250V Locking Plug, 50A 125/250V Locking Plug
Fuel Tank Capacity	8.1 gal.
Noise Level	76 dB @ rated load
Run Time	4.6 hrs @ rated load, 7.2 hrs @ 1/2 load