

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: North Star Volunteer Fire Department****Federal Tax ID: 51-0191463****Project Title:****Project Type: Equipment and Materials**

Fairbanks North Star Borough - North Star Volunteer Fire Department Fire Engine Replacement Project

State Funding Requested: \$410,000**House District: Fairbanks Areawide (1-5)**

One-Time Need

Brief Project Description:

This project will replace one of two 1982 front line fire engines currently in service with North Star Volunteer Fire Department. This new apparatus will enhance firefighter safety and response reliability.

Funding Plan:

Total Project Cost:	\$410,000
Funding Already Secured:	(\$0)
FY2014 State Funding Request:	(\$410,000)
Project Deficit:	\$0

Funding Details:

- *Project costs: \$410,000: This is based on the recent purchase of a similar fire apparatus purchase by another local department adjusted for inflation.*
- *Funding already secured: None*
- *FY14 State Funding Request: \$410,000. The amount is based on recent purchase by another department.*
- *Other Funding Requests: There are no other funding requests for this apparatus.*
- *Additional Funding Required: There will be no additional funding requests for this project.*

Detailed Project Description and Justification:**Detailed Project Description and Justification:**

The North Star Volunteer Fire Department is requesting grant funding to replace one of our 1982 front line fire engines with a new fire engine. The North Star Volunteer Fire Department currently has ten fire apparatus in its fleet. Five of our front line engines and one reserve engine were built in the mid to late 1980's. Engines E33 and E34, both front line engines, are now over thirty years old and were constructed in 1982 and the rest were constructed in 1985. All of these engines have passed their useful service life for a fire department with our call volume and do not meet the current National Fire Protection Association safety standards (NFPA 1901 Standard for Automotive Fire Apparatus, 2009 Edition).

The North Star Volunteer Fire Department's Fire Service Area encompasses an area of 106 square miles and serves a population of over 25,000 residents which is a quarter of the population of the Fairbanks North Star Borough. North Star Volunteer Fire Department is the largest fire service area in the Borough. In 2012 the department responded to over 1144 calls for service. Since 2003 the department has seen a 30.24% increase in calls for service and this has taken its toll on wear and tear on our apparatus.

The department struggles to replace our aging fleet of fire apparatus with the department in 2010 completing the purchase of an engine that replaced one that was purchased in 1979. It took the department four years to save towards the purchase

of this apparatus and is still in the process of funding lease payments on an outstanding balance of \$147,000.

This project will begin the replacement of our aging fleet with specifications that are being adopted by other area departments as a model. This will allow the departments to standardize their fire apparatus fleets and reduce future costs.

The requested fire apparatus will be modeled on a specification developed and used by the Steese Area Volunteer Fire Department. The fire apparatus will be built on a two person commercial cab with a 1,000 GPM pump and a 3,000 gallon water tank.

Project Timeline:

The North Star Volunteer Fire Department would complete use current bid specifications for this vehicle and complete bid award within 90 days of grant award. The current estimated build time of a fire apparatus is 9 - 12 months which would pu the delivery for this vehicle somewhere between July and September 2014.

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

North Star Volunteer Fire Department

Grant Recipient Contact Information:

Name: Jeff Tucker
 Title: Fire Chief
 Address: 2358 Bradway Road
 North Pole, Alaska 99705
 Phone Number: (907)488-3400
 Email: jtucker@northstarfire.org

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



North Star Volunteer Fire Department

2358 Bradway Road, North Pole, Alaska 99705

Phone: (907) 488-3400 FAX: (907) 488-6118

Jeff Tucker, Fire Chief

North Star Engine Replacement Project



**1982 Engine with 1000 gpm Pump
and 2000 Gallon Tank**



**1985 Engine with 1000GPM Pump
and 2000 Gallon Tank**

The North Star Volunteer Fire Department currently has ten fire apparatus in its fleet. Five of our front line engines and one reserve engine were built in the mid to late 1980's. Engines E33 and E34, both front line engines, are now over thirty years old and were constructed in 1982 and the rest were constructed in 1985. All of these engines have passed their useful service life for a fire department with our call volume and do not meet the current National Fire Protection Association safety standards.

The North Star Volunteer Fire Department's service area encompasses an area of 106 square miles and serves a population of over 25,000 residents which is a quarter of the population of the Fairbanks North Star Borough. In 2011 the department responded to over 1,083 calls for service.

The department struggles to replace our aging fleet of fire apparatus with the department in 2010 completing the purchase of an engine that replaced one that was purchased in 1979. It took the department four years to save towards the purchase of this apparatus and is still in the process of funding lease payments on an outstanding balance of \$147,000.

This project will begin the replacement of our aging fleet with specifications that are being adopted by other area departments as a model. This will allow the departments to standardize their fire apparatus fleets and reduce future costs.

The requested fire apparatus will be modeled on a specification developed and used by the Steese Area Volunteer Fire Department. The fire apparatus will be built on a two person commercial cab with a 1,000 GPM pump and a 3,000 gallon water tank.

Total Cost of Truck: \$410,000





North Star Volunteer Fire Department Inc.

2358 Bradway Road, North Pole, Alaska 99705

Phone: (907) 488-3400 FAX: (907) 488-6118

John Colelli, Board Chair

January 7, 2013

Reference: NSVFD Engine Replacement Request

Dear Alaska State Legislators,

On December 11th, 2012 the North Star Volunteer Fire Department's Board of Directors met and voted to support a legislative request to fund a capital project to replace one of North Star's aging fleet of fire engines. This engine will replace one of five front line engines the department has in service that were built in the mid to late 1980's.

This replacement project will assist the department in providing service to a fire service area that encompasses an area of 106 square miles and serves a population of over 25,000 residents which is a quarter of the population of the Fairbanks North Star Borough.

In 2012 the department responded to 1,144 calls for service. Since 2003 the department's calls for service have increased by over 30% and our aging fleet is in dire need of replacement. We struggle to fund replacement apparatus within our current budget with the last truck purchased by the Fire Service Area was in 2010 and this replaced a 1979 fire engine.

I want to thank you for your support of the fire service in Alaska.

Sincerely,

A handwritten signature in black ink, appearing to read "John Colelli".

John Colelli, Board President



North Star Fire Service Area
2358 Bradway Road, North Pole, Alaska 99705
Phone: (907) 488-3400 FAX: (907) 488-6118
Ken Anderson, Commission Chair

January 7, 2013

Reference: North Star VFD Engine Replacement Request

Dear Legislature,

On January 7th, 2013 the North Star Fire Service Area Commission met and voted unanimously to support the request to fund the purchase of a new engine to begin the replacement of our aging fleet.

North Star VFD has had a long history of making do with the equipment that it has. To that end we have kept our aging fleet of fire apparatus in service, in some cases, well beyond their expected life for a department as busy as North Star. Currently the department has two engines built in 1983 and three engines built in 1985. The truck purchase with this request will replace one of the 1983 engines.

I want to thank you in advance for your support.

Sincerely,

A handwritten signature in black ink that reads "Ken Anderson". The signature is written in a cursive, flowing style.

Ken Anderson, Commission Chair