

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: Kenai****Federal Tax ID: 92-6001599****Project Title:****Project Type: Equipment and Materials**

Kenai - Replacement Fire Department Pumper/Engine

State Funding Requested: \$400,000**House District: Kenai Areawide (28-30)**

One-Time Need

Brief Project Description:

Purchase a Fire Pumper Truck

Funding Plan:

Total Project Cost:	\$500,000
Funding Already Secured:	(\$100,000)
FY2015 State Funding Request:	<u>(\$400,000)</u>
Project Deficit:	\$0

*Funding Details:**FY2014, \$100,000 City of Kenai General Fund**FY2015, \$400,000 State of Alaska Appropriation***Detailed Project Description and Justification:**

The City of Kenai Fire Department is one of three full-time, fully-staffed public fire departments in the State of Alaska. The Department's response matrix provides that it is capable of responding to a fire call, or an Advanced Life Support (ALS) and Basic Life Support (BLS) EMS call simultaneously prior to engaging the Department's recall system. The Kenai Fire Department has in-place auto-aid and mutual-aid agreements to support the Kenai Peninsula Borough's Central Emergency Services (CES) Department, including support for the industrial area comprised of the ConocoPhillips LNG plant, Tesoro Refinery, and Agrium.

One of the Kenai Fire Department's line pieces of equipment has reached the end of its useful life and has become functionally obsolescent and requires replacement. The fire pumper engine is 32 years old and is one of the final model years to still have exterior jump seats for fire personnel (which is no longer allowed by code). Replacement parts are difficult, if not impossible to find. Sometimes replacement parts can only be found through secondary means such as eBay, and sometimes replacement parts must be custom manufactured. This results in excessive down-time.

This is a vital piece of equipment supporting the operations of the Department and replacement is needed.

Project Timeline:

FY2015-Procure Fire Pumper Truck

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

City of Kenai

Grant Recipient Contact Information:

Name:	Rick Koch
Title:	City Manager
Address:	210 Fidalgo Avenue Kenai, Alaska 99611
Phone Number:	(907)283-8222
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Has this project been through a public review process at the local level and is it a community priority? Yes No



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PUMPERS



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Printer Friendly

Highlights

PUMPERS

- Pierce exclusive Control Zone™ pump panel layout that uses stainless steel piping and ergonomic controls that are grouped by function and color-coded for an organized layout
- A 10-year structural warranty
- Six (6) body lengths & over 300 different body configurations including high side, broom, and low side compartments – plus customization available

More Features

- Waterous, Hale or Darley Midship (500 to 2000 gpm) & PTO (250 to 1000 gpm) pumps available
- VLH caps and plugs
- All electrical systems are coded by color and function every three inches
- Command Zone®
- Roll-up doors with a lifetime warranty (available in satin or painted finish)
- Black vinyl-covered pump panels that reduce glare for the operator are standard. Brushed or polished stainless steel panels are available
- Removable pump panels provide access to the pump for maintenance
- Generators-portable, stationary mounted, hydraulic
- Multitude of scene lighting options available
- Deutsch connectors are utilized to help prevent corrosion
- Harnesses are loom protected
- Aluminum extruded rub rails, bolted on for easy repair
- Galvanneal steel, stainless steel, high-strength aluminum body
- Interior of all compartments are painted with multispec to hide dirt, abrasions, and protect from oil, gas, and hydraulic spills. Unpainted compartments are also available
- Automotive-style hinged doors constructed with double pan, double seals, enclosed latches, and .25" hinge pins
- Hosebed dividers are designed with an extrusion surrounding the sheet to provide a stiffer/superior divider
- Diamond plate overlays in potential high scuff areas are just that "overlays" and not an integral part of the body for easy replacement if they become damaged
- Handrails are Pierce's exclusive "cross knurled" design to reduce hand slippage
- Optional transverse rear compartment for optimal flexibility in equipment storage
- All running boards and tailboards are spaced from body to improve water run-off
- Full-height rear compartment for increased storage space
- Numerous ladder storage options available

ALSO RECOMMEND



PUC Pumper **Rescue Pumper** **Responder**

DELIVERIES



Buechel Fire Protection District **Shiloh Fire Department Responder** **Pooler Fire Rescue**

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Pumpers

Overview

More custom. More quality.

Pumpers

Nobody offers more designs and flexibility than Pierce when it comes to designing a pumper. We build aluminum, stainless or galvaneal bodies in six lengths and literally thousands of configurations: every one engineered with Pierce quality. Includes a 10-year structural warranty.

Yes. We build our own foam systems.

Pierce® Foam Systems

Pierce is the only manufacturer that designs and builds fire apparatus with their own proprietary foam systems. That's integration.



[Pumpers Brochure >>](#)

Features

Highlights

PUMPERS

- Pierce exclusive Control Zone™ pump panel layout that uses stainless steel piping and ergonomic controls that are grouped by function and color-coded for an organized layout
- A 10-year structural warranty
- Six (6) body lengths & over 300 different body configurations including high side, broom, and low side compartments – plus customization available

More Features

- Waterous, Hale or Darley Midship (500 to 2000 gpm) & PTO (250 to 1000 gpm) pumps available
- VLH caps and plugs
- All electrical systems are coded by color and function every three inches
- Command Zone®
- Roll-up doors with a lifetime warranty (available in satin or painted finish)
- Black vinyl-covered pump panels that reduce glare for the operator are standard. Brushed or polished stainless steel panels are available
- Removable pump panels provide access to the pump for maintenance
- Generators-portable, stationary mounted, hydraulic
- Multitude of scene lighting options available
- Deutsch connectors are utilized to help prevent corrosion
- Harnesses are loom protected

- Aluminum extruded rub rails, bolted on for easy repair
- Galvanneal steel, stainless steel, high-strength aluminum body
- Interior of all compartments are painted with multispec to hide dirt, abrasions, and protect from oil, gas, and hydraulic spills. Unpainted compartments are also available
- Automotive-style hinged doors constructed with double pan, double seals, enclosed latches, and .25" hinge pins
- Hosebed dividers are designed with an extrusion surrounding the sheet to provide a stiffer/superior divider
- Diamond plate overlays in potential high scuff areas are just that "overlays" and not an integral part of the body for easy replacement if they become damaged
- Handrails are Pierce's exclusive "cross knurled" design to reduce hand slippage
- Optional transverse rear compartment for optimal flexibility in equipment storage
- All running boards and tailboards are spaced from body to improve water run-off
- Full-height rear compartment for increased storage space
- Numerous ladder storage options available

Specs

Chassis Choices

- Available on all Pierce custom chassis (Velocity™, Impel™, Quantum®, Arrow XT™ and Saber®)
- Available on most commercial chassis (Peterbilt, Kenworth, Freightliner, Mack, Navistar)

Pump Range

- Waterous, Hale or Darley Midship (500 to 2000 gpm) and PTO (250 to 1000 gpm) pumps available

Electrical System

- Color coded every 3" / harnesses loom-protected

Tank

- 500-1500 gallons
- Polypropylene tank with a lifetime warranty

Storage and Compartments

- Up to 192 cubic ft.

Compartment Weight Ratings

- 500 lb.

Compartment Depth

- 12" upper
- 26" lower

Body Width

- 96"

Body Material

- Aluminum standard, stainless steel and galvanneal steel optional

Body Warranty*

- 10 years

Pump Panel

- Pierce Control Zone™ optional

Stainless Steel Piping Warranty*

- 10 years

* See your Pierce representative for details.

Featured Options

Pumps

- Waterous, Hale or Darley Midship (500 to 2000 gpm) & PTO (250 to 1000 gpm) pumps available
- Exclusive Pierce Husky® foam systems available
- Exclusive Pierce Hercules™ Compressed-air foam systems available
- Exclusive Control Zone™ organized pump panels for the pump operator available
- VLH caps and plugs
- Virtually unlimited plumbing options & configurations available
- Top-mount or side control
- Black vinyl-covered pump panels that reduce glare for the operator are standard. Stainless steel panels are available
- Removable pump panels provide access to the pump for maintenance

Electrical

- Command Zone®

Body

- High-strength aluminum, Galvanneal steel, stainless steel
- Six (6) body lengths & over 300 different body configurations including high side, broom, and low side compartments – plus customization available
- Automotive-style hinged doors constructed with double pan, double seals, enclosed latches, and .25" hinge pins
- Roll-up doors with a lifetime warranty (available in satin or painted finish)
- Numerous ladder storage options available

Foam

Exclusive Pierce® Foam Systems

Pierce engineers and manufactures its own integrated foam systems capable of fighting both Class A and Class B foam. Pierce® Foam Systems are the highest-performing, easiest, most economical and safest ways to fight fires.

Husky™ 12

One-button operation, fully automatic, true Class A and B foam system, the Husky™ 12 is full force, Pierce fire suppression.

Husky™ 3

Boasting many of the same unmatched standards of the Husky™ 12 injection system, Husky™ 3 is the only entry-level foam system available with Class A and Class B capabilities.

Husky™ Industrial

An automatic balance pressure system with available foam pump sizes that support water flows of 1000 gpm @ 6% through 5000 gpm @ 6% with foam pumps of 60, 160 and 300 gpm capacity. The Husky industrial foam system is designed to deliver an industrial level of performance that is unsurpassed.

Hercules™ CAFS

The Hercules™ Compressed Air Foam System controls fires faster, reduces water use, and lightens handlines with better exposure protection. It will work well with Class A or Class B agents.

Husky™ 30

An automatic balance pressure system, excellent for light industrial hazards and transportation hazards. Handles 1% of 3000 gpm water flows and 3% of 1000 gpm water flows. Individual metering valves for foam discharge allow for selection of water or foam when needed. Usable with both Class A and Class B foams.