

Agency: Commerce, Community and Economic Development**Grants to Municipalities (AS 37.05.315)****Grant Recipient: Tanana****Project Title:****Project Type: Equipment and Materials**

Tanana - Fire Truck and Fire Equipment Purchase

State Funding Requested: \$270,000**House District: 6 / C**

One-Time Need

Brief Project Description:

Replace TFD 1979 type III wildland fire engine with a new apparatus that meets current NFPA & OSHA standards.

Funding Plan:**Total Cost of Project: \$270,000***There is no other funding needed***Detailed Project Description and Justification:**

The Tanana Fire Department is requesting your help in seeking funding to replace our aging firefighting apparatus in the next legislative budget session.

In order to maximize firefighter's capabilities and minimize their risk of injuries, it is most important that fire apparatus be equipped with the latest safety features and operating capabilities. In the last 15 years, much progress has been made in upgrading functional capabilities and improving the safety features of fire apparatus. Apparatus built prior to 1991 might have a few of the safety upgrades required by the 1991 and subsequent editions of the NFPA fire apparatus standards. (See NFPA 1912 & 1915) Because the changes, upgrades, and the fine tuning to NFPA 1901 standards since 1991, there have truly been significant, especially in the area of safety, fire departments have to consider the value (or risk) to the firefighters by maintaining pre-1991 fire apparatus in first line service. The NFPA is currently recommending apparatus be upgraded to incorporate as many safety features of the post 1991 standards. Apparatus not built to NFPA apparatus standards or manufactured prior to 1979 should be considered for upgrading or replacement.

The TFD first line service apparatus in operation are a 1979 type III wildland engine, currently the mid ship pump is out of service because of lack of parts. The pump was replaced by a 11 horse power pump. This pump is under power, unable to reach fire flow for type III engines standards, or meets NFPA & OSHA standards. Our second apparatus is a 1979 1500 gallon water tender with a 250 GPM pump. This unit since its purchase has a major electrical problems along with a long history of having the batteries being drained and having to be jumped started prior to emergency responses.

Project Timeline:

If funding is secured TFD could have this unit in service by F/Y 11. The unit would be a custom built and be ready for barging in 6/11.

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

City of Tanana

Grant Recipient Contact Information:

Name:	Mark F. Haglin
Address:	PO Box 189 Tanana, AK 99777
Phone Number:	(907)366-7158
Email:	vpsosgt@hotmail.com

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

Memorandum

TO: Senator Kokesh

FROM: Al (Bear) Ketzler, Jr.

RE: Please find attached a cost quote for the City of Tanana's planned purchase of a new fire truck in order to replace our 1981 fire truck which is obsolete. The CIP request in CAPSIS is for \$~~210,000~~ and the City will contribute another \$7,500. Thank you.

Attachment: Fire Truck Price Quote

B-27 Minuteman 2009

February 25, 2010

QTY	DESCRIPTION	PRICE	AMOUNT
	CHASSIS		
1	Ford F-550 19,500 GVW 84" Cab to Axle	APPROXIMATE	\$
	Basic B-27 Minuteman Fire Apparatus Body	\$ 48,358.00	
1	BATROPS with Crosslay/Roll Bar		Included
1	Transverse Walkway		Included
1	Chrome Folding Steps		Included
1	Blanchat Restraint		Included
1	Chest Saddle Safety Gates		Included
1	Aluminum Trim Package		Included
1	Pump Panel & Plumbing		Included
1	Hand Rail		Included
1	Mud Flaps		Included
2	Translength Compartments (w/2 doors per side, 52cf ea)		Included
1	Door Ajar System		Included
1	Poly Tank		Included
1	Top Hose Bed		Included
1	Commercial Chassis Electrical System		Included
1	3x10 Rear Step Bumper Upgrade with 3 Light Wing		Included
1	Justice LED Lightbar		Included
1	Sho-Me Mini Light Bars mtd. On top Rear of Compartments (each side)		Included
10	Whelen Linear LED Lighthead 500 Series		Included
8	Ground Lighting/Work Lights		Included
1	Wig-Wag Alternating Flasher		Included
1	Hands Free Siren Controls		Included
1	Back-up Alarm		Included
1	Solid Light Base		Included
1	Tankvision Water Level Indicator		Included
1	Reflective Striping		Included
1	2-1/2 Inch Valve Tank to Pump		Included
1	2-1/2 Inch Valve Pump to Draft		Included
1	Hale HPX200-B23 HP Briggs Engine Water Pump		Included
		\$ 48,358.00	\$ 48,358.00
	OPTIONS		
	NFPA (1901, 2009)		
1	Chevron Striping (NFPA 1901)	\$ 823.00	\$
1	Chevron Diamond/Diamond (for tread plate) not installed	\$ 460.00	\$
1	Chevron Diamond/Diamond (for tread plate) installed	\$ 1,012.00	\$
1	Pressure Pro Tire Monitoring System (for 6 wheels)	\$ 693.00	\$
1	Pressure Pro Tire monitoring System (for 10 wheels, tandem)	\$ 858.00	\$
1	Spring Enhanced Handling Package	\$ 1,120.00	\$
	PLUMBING		
1	Single Foam Injection System	\$ 7,613.00	\$
1	Around the Pump Foam Injection System (not recommended)	\$ 1,210.00	\$
1	Blanking for Foam System w/Foam Tank	\$ 1,687.00	\$
1	Incorporated CAFS	\$ 28,054.00	\$
1	Stainless Steel Plumbing UPGRADE	\$ 2,183.00	\$
	Pump UPGRADE to Hale HP250 35HP Vanguard	\$ 5,655.00	\$
	Monitor, Blitzfire 2.5NH w/2-1/2" pre-connect, 2-1/2 Akron Valve w/150' of 2-1/2 hose	\$ 5,660.00	
	2 1/2" Rear Discharge/Hose Tray/Compartment (no hose)	\$ 1,786.00	\$
	Tank Vision Water Level Indicator UPGRADE with Mini Slave	\$ 370.00	\$

1	4 Light Full View Tank Level Indicator	one side	\$	538.00	\$
		two sides	\$	929.00	\$
1	Additional Second Whipline		\$	773.00	\$
BODY BUILDER					
1	Top Hose Bed Cover		\$	2,579.00	\$
1	Extension Ladder (Mounted)		\$	821.00	\$
1	Warm Back		\$	844.00	\$
BODY BUILDER STORAGE					
1	Pump Panel Compartment Storage (Mounted)		\$	63.00	\$
ea	Front Incorporated Underneath Cribbing Boxes (passenger only if genset)		\$	527.00	\$
1	Rear Incorporated Underneath Cribbing Boxes (sets only)		\$	1,054.00	\$
1	Upper Rear Access Storage Area for Backboard		\$	542.00	\$
1	Dual Upper Equipment & Storage Boxes		\$	2,093.00	\$
BUMPER					
1	Bumper Grill Guard with 8,000lb Winch		\$	3,451.00	\$
1	Bumper Grill Guard with 12,000lb Winch		\$	3,636.00	\$
1	Unitized Front Bumper/Grill Guard with out Winch		\$	2,236.00	\$
1	Front Bumper Sweeps (TWO corner Nozzle sweeps)		\$	2,174.00	\$
1	Front Bumper Sweeps (THREE Nozzle sweeps, 2 corner, 1 center)		\$	2,996.00	\$
1	Remote Control Monitor		\$	9,622.00	\$
1	BLESS (Mounted)		\$	3,341.00	\$
1	Receiver Hitch		\$	54.00	\$
1	Receiver Hitch with Tow Loop		\$	90.00	\$
1	Manual Pull-Out Drop Down Step		\$	278.00	\$
BODY BUILDER CHASSIS					
1	Nerf Bars		\$	518.00	\$
1	Two Tone Paint		\$	949.00	\$
1	Wheel Simulators		\$	433.00	\$
1	Lettering for Truck (doors only)		\$	407.00	\$
1	Striping other than the standard triple stripe design		\$	Pricing available	\$
1	Z Stripe (1 per side)		\$	357.00	\$
1	Z Stripe (2 per side)		\$	714.00	\$
GENSET					
ea	Tripod Telescoping Pole Flood Lights		\$	1,370.00	\$
1	Generator and Focus Scene Lighting		\$	8,281.00	\$
1	Extend-a-Lite Upgrade to Optimum 240 V		\$	207.00	\$
LIGHTING					
ea	Whelen Linear LED Lighthoods 500 Series		\$	225.00	\$
ea.	Emergency Scene Light		\$	252.00	\$
2	Wildland Fireline Lights		\$	274.00	\$
1	Howler/Rumbler Siren System		\$	788.00	\$
1	LED Lightbar Upgrade to Liberty		\$	2,342.00	\$
1	LED Stop-Turn Tail Light Upgrade		\$	98.00	\$
1	Recessed LED Directional Light Bar		\$	993.00	\$
1	Recessed 3 rd Brake Light		\$	340.00	\$
LIGHTING ELECTRICAL					
1	Reverse Activated Rotators		\$	280.00	\$
	Audible Open Door Warning 90DB		\$	311.00	\$
	Automatic Ground Effect Work Lights		\$	290.00	\$
	Auto Elect and Battery Maintainer		\$	1,183.00	\$
	200 Amp Alternator Upgrade for V10 Gas Engine Chassis		\$	870.00	\$
	Junction Box with EJB-MT Bracket		\$	552.00	\$

COMMUNICATION			
1	Mounting Customer Radio and Antenna	\$	180.00 \$
1	Intercom System (1 Wired, 1 Wireless)	\$	3,363.00 \$
1	Intercom System (2 Wireless Headset)	\$	3,843.00 \$
1	Intercom System (3 Wireless Headset)	\$	4,473.00 \$
<i>total Comm-1), 859</i>			
REELS			
1	3/8" Pre-connected 50' Air Hose Reel	\$	458.00 \$
1	Hydraulic Dual Hose Reel with 100'	\$	9,501.00 \$
1	Recessed 100' Hose Reel	\$	3,066.00 \$
1	Electric Cord Reel 30 Amp 12-2 Black 75'	\$	1,467.00 \$
TOOLS			
ea.	SCBA Bracket	\$	85.00 \$
1	Adjustable Rescue Brace System w/Jacks (Mounted)	\$	1,855.00 \$
1	Pike Pole Storage Area	\$	169.00 \$
1	Flathead Shovel (Mounted)	\$	93.00 \$
1	Spade Head Shovel (Mounted)	\$	93.00 \$
1	Wrecking Bar (Mounted)	\$	100.00 \$
1	Axe Bracket Set (Mounted)	\$	241.00 \$
1	McLeod Fire Tool	\$	231.00 \$
1	Spanner Wrench Set (Mounted)	\$	214.00 \$
1	Halgan Tool	\$	249.00 \$
1	Pry-Bar "Small"	\$	31.00 \$
1	Traffic Control (10 Cones, 2 Hand Held Signs, 2 reflective vest)	\$	410.00 \$
1	Rescue Chain and J Hook Set	\$	486.00 \$
ea	Step Chock Cribbing Blocks w/rope	\$	117.00 \$
ea	Pyramid Log Cribbing Blocks w/rope (4x4x18)	\$	26.00 \$
ea	Wedge Cribbing Blocks w/rope (4x4x20)	\$	20.00 \$
ea	Pyramid Cribbing Blocks (2x4x18)	\$	20.00 \$
1	4 HP GX120 Positive Pressure Ventilation Fan	\$	2,354.00 \$
HOSE			
ea	1 3/4" Hose 50ft.	\$	172.00 \$
1	1030 Akron Forestry Nozzle	\$	125.00 \$
1	1702 Akron Turbojet Nozzle with Pistol Grip	\$	713.00 \$
1	1720 Akron Turbojet Nozzle with Pistol Grip	\$	762.00 \$
1	2127 1-1/8 Straight Bore Nozzle w/1417 tip for CAFS	\$	520.00 \$
1	1714 Fog Nozzle Tip 30-60-90-125	\$	527.00 \$
ea	2431 Saber Shutoff w/Integral 1-1/8" Tip	\$	466.00 \$
1	Bracket for 1702 Nozzle	\$	70.00 \$
1	755 Foam Tube to fit 1702	\$	204.00 \$
1	766 Foam Tube to fit 1720	\$	311.00 \$
HYDRAULIC TOOLS			
ea.	Bracketing for Rescue Tools	\$	125.00 \$
1	Hydraulic Hose Reels for Rescue Tools	\$	595.00 \$
1	TNT BT6.51780 SMO Power Unit	\$	6,775.00 \$
1	TNT C-25 Cobra Cutter	\$	6,046.00 \$
1	TNT CSC40RCV Mini Cutter	\$	4,366.00 \$
1	TNT S-100-28 Spreader	\$	7,084.00 \$
1	TNT R-40 Telescoping Ram	\$	2,470.00 \$
1	Rocker Panel Support	\$	198.00 \$
1	KWIK KUT Glass Tool	\$	167.00 \$
1	TNT EXTH-50 Yellow 50' Hose	\$	1,033.00 \$
1	TNT EXTH Blue 50' Hose	\$	1,033.00 \$
<i>total</i>		\$	<i>236,872</i>

SPECIAL FEATURES		
freight cost to Tanana		\$3,128.-
	total	240,000
Additional fire fighting improvements equipment upgrades needed		<u>30,000</u>
		270,000

B-27 Minuteman Total Price with Selected Options		\$
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