Item No. 3 C

CITY OF FLAGSTAFF
STAFF SUMMARY REPORT

To: The Honorable Mayor and Council

From: Jerry Bills, Deputy Fire Chief
(928) 213-2506, jbills@flagstaffaz.gov

Candace Schroeder, CPPB, Management Services Divi
Purchasing Section, (928) 213-2278 cschroeder@flagstaffaz.gov

Date: May 18, 2012

Meeting Date: June 5, 2012

TITLE: Consideration of purchase: 2 Type 6 wildland fire engines.

RECOMMENDED ACTION: Authorize the purchase of 2 Type 6 Wildland fire engines from Brand FX Body Company of Fort Worth, Texas in the amount of $253,600.00 plus applicable tax.

ACTION SUMMARY:

- Policy Decision or Reason for Action:
  The approval of this purchase will provide 2 type 6 wildland fire engines, replacing a 1995 Ford F550. This truck is over due for replacement and is becoming cost prohibitive to repair. The second Type 6 Fire Engine is an addition to the capabilities of the Fire Department and will provide wildland fire apparatus in every station. Over the past 3 years a large amount of construction has occurred on the Urban Interface. This construction has placed more values at risk in the City. The purchase of this Type 6 wildland fire Engine increases our ability to fight wildfires effectively and efficiently protecting those assets.

- Decision Points:
  Procurement of this item utilizes the GSA Contract Bid number GS-30F-0025V

- Financial Impact:
  One of the wildland fire engine is budgeted in the Fire Department Budget in account Number 001-2104-530-4401. Funds were derived from the savings in the FY-2011 FD Budget of $40,000, Fleet Budgeted funds of $52,000, and $40,000 from the sale of the Sawmill property. The second wildland fire engine is financed through development fees collected over the past three years paid for by new construction. Two apartment complexes, a school, a church and and elder care facility are just some of the examples of properties constructed in the Urban Interface area.

- Connection to Council Goal: Maintain and deliver quality, reliable infrastructure

- Has there been a previous Council decision on this topic?: No.
- Options:

M. Dacuna

Division Director ***(Acknowledgment that all reviews have been completed and required approvals initialed below.)***

- Approve the recommended action for the purchase of the equipment utilizing the GSA Contract.
- Not approve the recommended action and direct City staff to bid this item.

ADDITIONAL INFORMATION:

Background/History:
Over the past 3 years a large amount of construction has occurred on the Urban Interface. This construction has placed more values at risk in the City. The purchase of this Type 6 wildland fire Engine increases our ability to fight wildfires effectively and efficiently protecting those assets.

Key Considerations:
- One of these engines replaces a 1995 wildland engine currently in use.
- The addition of the second engine increases the Fire Department's ability to respond to wildfire incidents by providing a wildland engine in every station.
- The addition of these two wildland engines upgrades the type 6 engine fleet to 4-door units that can carry our staff with a higher degree of safety, replacing one of the 2-door styles of vehicles.

Community Benefits and Considerations:
This equipment will contribute to enhanced public safety such as human health concerns, because dust can increase or cause breathing problems, damage lung tissue and could aggravate existing health problems. Dust can reduce visibility causing unnecessary accidents. Uncontrolled dust can irritate nearby citizens.

Community Involvement: This Staff Summary will be posted in accordance with law, and interested persons are invited to comment at the City Council meetings at which this matter will be under consideration.

Financial Implications: One of the wildland fire engines is budgeted in the Fire Department Budget in account Number 001-2104-530-4401. Funds were derived from the savings in the FY-2011 FD Budget of $40,000, Fleet Budgeted funds of $52,000, and $40,000 from the sale of the Sawmill property.

Options and Alternatives: Approve the recommended action for the purchase of the equipment utilizing the GSA Contract. Not approve the recommended action and direct City staff to bid this item.

Attachments:
A quote from Brand FX Body Company.
A Justification letter requesting the use of Development Fee Funds.

INITIALS	RESPONSIBILITY	DATE	INITIALS	RESPONSIBILITY	DATE
mc	BIDS/PURCHASES	5/22/12		FINANCE/BUDGET	5/22/12
	GRANTS		CS	CONTRACTS	5/22/12
JW	LEGAL	5/22/12		IGAS	

DATE OF COUNCIL APPROVAL:_____

QUOTATION

BFX Fire Apparatus

Flagstaff Fire Department
Jerry Bills
Flagstaff, Arizona
jbills@flagstaffaz.gov

Exp. Date: 07/21/2011
Quote No: 10608-0001

BODY: 643U-C Model 643U With BFX Supplied Chassis

05/11/2012

PART NO	DESCRIPTION	QTY
	== Model 643U With BFX Supplied Chassis - ==	1
00-18-1100	643U Light Brush Truck Configuration	1
00-19-0006	Class 1 Supernode II Multiplexed Electrical System	1
00-19-0010	Perimeter Lighting	1
00-19-0015	Backup Alarm	1
00-19-0020	LED Map Light Mounted to Floor Console	1
00-19-0025	Pump Running Warning Indicator	1
00-19-0030	Antenna Lead and Base	1
00-19-0035	Pre-Wire Chassis Cab for Customer Radio Installation	1
00-19-0105	Whelen 100/200 Watt Siren Amplifier	1
00-19-0110	Federal Signal Speaker Mounted Behind Grille	1
00-19-0115	Whelen 60" Edge Ultra Freedom LED Lightbar	1
00-19-0120	Whelen 5x2 LED Flasher Intersector Lights	1
00-19-0125	Whelen 5x2 LED Flashers on Front of Chassis	1
00-19-0130	Whelen 7x3 Amber LED Flashers on Lower Rear	1
00-19-0135	Aviation Light	1
00-19-0205	Miscellaneous Labels	1
00-19-0210	Red LED "Do Not Move Apparatus" Light	1
00-19-0215	Multiplexed Eight Switch Panel in Floor Mounted Console	1
00-19-0221	Heavy Duty Front Bumper w/ Brush Guard & 12000 lbs Winch	1
00-19-0225	Rear Bumper	1
00-19-0230	Mobile Attack Line Bracket	1
00-19-0235	Mud Flaps	1
00-19-0240	Baja Fabrication Under Chassis Shielding	1
00-19-0245	Chassis Air Intake and Cabin Air Ember Guards	1
00-19-0305	Workmanship Requirements	1
00-19-0310	Body Construction	1
00-19-0315	Straight Body Configuration - 20.5" Depth	1
00-19-0320	3/4" Drain Plug In Compartment	1
00-19-0325	Zolatone Finish Inside Compartments	1
00-19-0330	Body Frame Construction	1
00-19-0335	Flexible Mounting Between Body and Chassis	1
00-19-0340	Vertical Surfaces	1
00-19-0345	Grab Handles and Rear Steps	1
00-19-0350	Rescue Side Pack on Driver's Side - 20.5" Depth	1
00-19-0358	Aluminum Tool Storage Tray w/ Lid on DS Catwalk	1
00-19-0360	Long-Handle Tool Side Pack on Passenger Side - 20.5" Depth	1
00-19-0371	PS Preconnected Hose Tray w/ Lid and Two Adj Dividers	1
00-19-0375	Closed Cell Door Construction	1
00-19-0380	Door Hold Open Devices	1
00-19-0382	Stainless Steel D-Ring Slam Latches	1
00-19-0386	Composite Adjustable Shelf Channels	1
00-19-0390	Chainsaw Mounts in Driver's Side Center Compartment	1
00-19-0395	Swivel Hooks in Passenger's Side Front Compartment	1

PART NO	DESCRIPTION	QTY
00-19-0400	Two Adjustable Shelves in DS Front Compartment	1
00-19-0405	Adjustable Shelf in DS Center Compartment	1
00-19-0410	Four Adjustable Shelves in DS Rear Compartment	1
00-19-0415	Adjustable Shelf in PS Upper Rear Compartment	1
00-19-0419	Shelf Dividers and Retainer Clips	1
00-19-0420	Compartment Venting for DS Center, DS Body Module, PS Rear	1
00-19-0425	Black Dri-Deck on Floor of All Compartments	1
00-19-0430	Pump Area Cover with Hinged Access	1
00-19-0435	Wheel Well Area	1
00-19-0437	Upper Module Protection	1
00-19-0440	Rear Cab Protection	1
00-19-0445	Roller Assembly on Each Body Side For Center Hose Reel	1
00-19-0501	Darley 1-1/2 AGE 34hp Diesel Driven Auxiliary Pump	1
00-19-0502	|-- Mechanical Seal for Darley 1-1/2 AGE	1
00-19-0510	|-- Pump Control Panel at Rear of Apparatus	1
00-19-0508	Low Pressure / High Temperature Shutdown System	1
00-19-0515	Akron Valves	1
00-19-0518	Master Drain	1
00-19-0520	Truck Identification Plate	1
00-19-0525	Pump Operating Instruction Plate	1
00-19-0530	Test Gauge Connections	1
00-19-0535	Winterization Port	1
00-19-0540	Discharge Pressure Gauge	1
00-19-0545	Intake Pressure Gauge	1
00-19-0546	Diaphragms on NoShok Pressure Gauges	1
00-19-0550	Pump Cooler/By-Pass	1
00-19-0560	In-Cab Gauge	1
00-19-0565	FRC Water Level Indicator on Pump Panel and In Chassis Cab	1
00-19-0570	FRC Foam Level Indicator on Pump Panel	1
00-19-0572	Oilless Electric Primer	1
00-19-0575	Stainless Intake Strainer	1
00-19-0580	One Polished Aluminum Hannay Hosereel	1
00-19-0585	FoamPro 1601 Foam Injection System	1
00-19-0590	Pump Performance Test and Certification	1
00-19-0705	300 Gallon Water Tank w/ 12 Gallon Foam Cell	1
00-19-0710	Gear Storage Box at Front of Water Tank	1
00-19-0715	Spare Tire Storage Well and Mount on Tank Deck	1
00-19-0720	Two Overlap Style Latches on Spare Tire Door	1
00-19-0805	Whelen 7x3 All LED (4) Taillight Assembly in Polished Bezel	1
00-19-0810	ICC and Work Lighting	1
00-19-0815	Whelen LED Traffic Advisor on Rear of Body	1
00-19-0820	Two LED Betts Flood Lights	1
00-19-0821	Whelen Pioneer LED Push-Up Scene Lights on Front Panel	1
00-19-0825	LED Strip Lighting In Each Compartment	1
00-19-0905	NFPA 1906 Electrical System Testing	1
00-19-1099	Apparatus Finish	1
00-19-1105	Apparatus Operations and Maintenance Manuals	1
00-19-1110	Road Kit	1
00-19-1115	One Pair of Wheel Chocks w/ Lanyards for Rear Bump	1
00-19-1120	Hydrant Wrenches	1
00-19-1125	Zico Nozzle Clip	1
37-08-0200	Dodge 5500 Crew Cab Chassis	1
37-08-1100	|-- 6.7L Cummins 305 Horsepower Turbo Diesel	1
37-08-1200	|-- Cold Weather Engine Block Heater	1
37-08-2150	|-- Six Speed Automatic Transmission	1
37-08-2250	|-- Power Take Off Prep Package	1
37-08-3050	|-- 220 AMP Alternator	1
37-08-4050	|-- Standard Single 52 Gallon Fuel Tank	1
37-08-5050	|-- Air Conditioning	1
37-08-5100	|-- Tilt Steering Wheel	1
37-08-5150	|-- Cruise Control	1

PART NO	DESCRIPTION	QTY	
37-08-5200	|-- AM/FM/CD Radio w/ Auxiliary Port	1	
37-08-5250	|-- 40/20/40 Split Front Bench Seat	1	
37-08-5350	|-- Full Length Rear Bench Seat	1	
37-08-5400	|-- Daytime Running Lamps	1	
37-08-5500	|-- Power Windows and Locks	1	
37-08-5550	|-- Next Generation Driver and Front Passenger Air Bag System	1	
37-08-6050	|-- Manual Transfer Case and Hubs	1	
37-08-6150	|-- Transfer Case Skid Plate Shield	1	
37-08-7050	|-- 225/70R 19.5G All Traction Tires	1	
37-08-7500	|-- Full Size Spare Tire	1	
37-08-7550	|-- 8 Ton Bottle Jack	1	
60-00-0100	Customer Pick Up From BFX Fire In Keller, Texas	1	
61-00-0100	Training At BFX Fire Apparatus' Facility	1	
ZZ-ZZ-7000	GSA Discount	1	
	Total		**126,800.00**

FLAGSTAFF FIRE DEPARTMENT

211 W. Aspen Avenue
Flagstaff, AZ 86001

Phone 928-213-2500
Fax 928-779-7668

To: **Honorable Mayor and Council**

From: **Jerry Bills, Deputy Chief**

Date: **May 29, 2012**

Re: **Justification of using Development Fees for the Purchase of a Type 6 Wildland Fire Engine**

Over the past 3 years the City has experienced numerous new construction along our border with the Forest. Basis School, Elevations Apartments, San Francisco De Asis School and Church, The Ridge at Clear Creek apartments, and Flagstaff Senior Meadows are projects built along the Urban Interface area of the City. These projects have added an increased number of structures and an estimated 2500 citizens; all of which are an added level of risk in this interface area during wildfire season.

The Flagstaff Fire Department currently has 5 wildland firefighting engines that provide suppression services to the forest in and around the City from our 6 fire stations. The projects mentioned above have added a significant amount of value and people to the Interface area increasing the need for services provided by the Fire Department.

It is the intention of the Fire Department to add a type 6 wildland fire engine to our fleet in an effort to increase our ability to mitigate loss and respond to these growing areas along the Urban Interface. The additional engine would provide a wildland fire engine response from every fire station in the City.