



Burlington Fire Department



BUSINESS OFFICE

Three North Avenue

Burlington, Vermont 05401-8378

(802) 864-4552 • (802) 658-2700 [TTY]

Business Fax (802) 864-5945 • Central Station Fax (802) 865-5387

TO: BOARD OF FINANCE

FROM: Lise E. Veronneau, Business Manager 
BURLINGTON FIRE & POLICE DEPARTMENTS

DATE: June 7, 2012

RE: **Purchase Fire Command Vehicle – Car 12**

The Burlington Fire Department has needed to replace the Fire Marshal's vehicle, a 2001 Crown Victoria, for some time now and that is usually done as a rotation of a front live vehicle.

In this case, our primary Fire Command vehicle, known as Car 12 used by the Shift Commanders to respond to incidents, a 2006 Ford Expedition needs to be replaced. Working with the Department of Public Works' Fleet Manager, Rob Green, we have a 2012 Ford Expedition, that has been quoted at Vermont state bid available to us, for a limited time as they are hard to come by.

In accordance with the City's desire to move away from vehicle leases when possible, there is an opportunity with the recent sale of a fire pumper to use those funds in FY 12 to help in make the purchase.

The Burlington Fire Department respectfully requests permission to purchase the new Car 12 in the amount of \$32,156 from Heritage Ford and to do so as a cash purchase using the funds from the sale of the 1995 Pumper and balance from the Fire Vehicle Bond.

The Fire Department will be providing additional information regarding the conditions that must be met to make this opportunity possible.

CC: Seth Lasker, Fire Chief
David Roberts, Fire Administrative Deputy Chief
Rob Green, DPW
Paul Sisson, Temp CAO
Rich Goodwin, Asst CAO
Scott Schrader, Asst CAO



Burlington Fire Department



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TO: Lise E. Veronneau, Business Manager
Burlington Fire and Police Departments

FROM: Seth S.Lasker, Chief Engineer
Burlington Fire Department

DATE: June 6, 2012

RE: Replacement of Fire Command Vehicle and Fire Marshal Vehicle

The Burlington Fire Department is in need of replacing its Command vehicle (Car-12); a 2006 Ford Expedition as it is nearing the end of its frontline service life. The Fire Marshals vehicle; a 2001 Ford Crown Victoria is at the end of its service life and needs to be replaced as soon as possible. I recommend that we purchase a new Command vehicle and rotate the out going command vehicle to replace the Fire Marshals vehicle. The rotation of this vehicle into a non response role will lengthen its usable life for several more years; the 2001 Crown Victoria will then be sold for best price.

The cost of a new 2012 Ford Expedition is **\$32,156.00**

This year the department sold one vehicle; a 1995 Pierce Pumper and I would like to apply the proceeds from this sale towards the purchase of the new vehicle. The approximate amount of 2010 Fire Bond funds to make up the difference would be \$20,500.00.

ULC7 EXPEDITION XL 4X4	39205	00
SPECIAL DEALER ACCOUNT ADJUSTM		
TOTAL BASE VEHICLE	39205	00
2012 MODEL YEAR		
F1 VERMILLION RED		
F1 STONE CLOTH BUCKET SEATS		
INCLUDED ON THIS VEHICLE		
EQUIPMENT GROUP 101A	1070	00
FOLD FLAT THIRD ROW SEAT		
SIRIUS RADIO W/6 MOB SVC		
OPTIONAL EQUIPMENT		
995 .5.4L SOHC V8 ENGINE		NC
446 .6-SPEED AUTOMATIC O/D TRANS		NC
153 FRONT LICENSE PLATE BRACKET		NC
422 CALIFORNIA EMISSIONS SYSTEM		NC
SPECIAL DEALER ACCOUNT ADJUSTM		
TOTAL OPTIONS	1070	00
TOTAL VEHICLE & OPTIONS	40275	00
DESTINATION & DELIVERY	995	00
TOTAL FOR VEHICLE	41270	00
FUEL CHARGE		
NET INVOICE FLERT OPTION (B4A)		
ADVERTISING ASSESSMENT		
SPEC. DLR. ACCT. ADJ.		
SHIPPING WEIGHT 5609 LBS.		
TOTAL	41270	00

\$32,156.00

**2012 EXPEDITION
ENTRY "XL & XL EL" SERIES
STANDARD EQUIPMENT**

MECHANICAL

- Axle
 - Non-Limited-slip 3.31 (Non EL)
 - Non-Limited-slip 3.73 (EL)
- Brakes – 4-Wheel Disc (ABS)
- Engine – 5.4L, FFV, SOHC, V8
- Steering – Variable-assist Power
- Suspension – Multilink Independent Rear
- Transmission – 6-Speed Auto

SAFETY/SECURITY

- AdvanceTrac® w/RSC® (Roll Stability Control™)
- Airbags
 - Safety Canopy® (Incl. 3rd Row)
 - Side-Seat
 - Side Curtain
- Child-Safety Locks – Rear
- Keyless-Entry
 - Remote
 - SecuriCode™ (Keypad)
- LATCH (Lower Anchors & Tethers for CHildren) system
- Lighting – Illuminated Entry w/Approach Lamps
- Perimeter Alarm
- Seat belt pre tensioners, Load limiting retractors, dual-stage front airbags, driver seat position sensing & crash severity sensing
- Security – SecuriLock® Passive Anti-Theft System (PATS)
- SOS Post-Crash Alert System™
- Tire Pressure Monitoring System (TPMS)
- Traction Control (Brake Assist & Engine Braking)

EXTERIOR

- Bumpers – Mold-In-Color, Black
- Door Handles – Chrome
- Exhaust – Single
- Glass – Solar-Tinted Front/Privacy Tinted Rear
- Grille – Chrome (Black with SSV Pkg.)
- Headlamps – Dual Reflector
- Lighting – Fog Lamps
- ★ Mirrors
 - Black, Power, Heated, Spotter
 - Puddle Lamps
- Roof Rack – Black Side Rails w/Black Crossbars
- Running Boards – Platform – Black (Opt. with SSV Pkg.)
- Skid Plate (4x2 – Front Skid Plate)
- Trim – Mold-In-Color, Black
- Wheels/Tires
 - 17" Aluminum Wheels (P265/70R17 BSW – 4X2, non EL)/(P265/70R17 OWL On/Off-Road – 4X4, non EL)
 - 18" Machined-Aluminum Wheels (P275/65R18 AT OWL – all EL)

INTERIOR/COMFORT

- Center Console – Large Floor Storage, Transmission Shifter, Coin Holder, (2) Headphone Jacks and Pen/Pencil Holder
- Climate Control – Manual w/Rear Auxiliary Controls
- Coat Hooks – (2) 2nd Row, (2) 3rd Row
- Cupholders – (4) 1st Row, (2) 2nd Row, (3) 3rd Row
- Door-Locks – Power w/AutoLock
- Floor Mats – 1st and 2nd Row
- Grab Handles – 1st Row, 2nd Row and Liftgate
- Lighting
 - Delayed Accessory Lighting
 - Dome Lamp – 1st Row and Cargo
 - Illuminated Door-Switches
 - Reading Lamps – 1st Row
- Overhead Console w/Sunglass Holder and Conversation Mirror
- Rear Cargo – Management System (EL)
- Rear view Mirror – Electrochromic
- Seats
 - Cloth
 - 1st Row – 6-way Power Driver's Bucket Seat with Manual Recline and Manual Lumbar
 - 1st Row – Manual Passenger Bucket Seat
 - 2nd Row – 40/20/40 (CenterSide®) w/Recline
 - 3rd Row – Fold-Flat 60/40 (EL)
- Steering Wheel
 - Leather
 - Tilt
- Storage
 - 3rd Row Bins (Non EL)
 - Glove Box
- Sun visors w/Dual Illuminated Mirrors
- Windows – Power – Driver 1-Touch Up/Down

FUNCTIONAL

- Audio
 - Premium Sound System with single-disc CD/MP3 player
 - 6 Speakers
 - Speed-Sensitive Volume
 - Input Jack
 - Rear Audio Controls
- Cigar Lighter
- Cruise Control
- Easy Fuel® (Capless Refueling)
- Headlamps
 - Autolamp
 - Rain lamps
- Instrument Cluster
 - Tachometer
 - Trip Odometer
 - Compass and Outside Temperature Display
- MyKey®
- Powerpoints – (2) 1st Row (1 Accessible from Front/Rear), (1) Cargo Area
- Tow Hooks – Front (4x4 only)
- Trailer Sway Control
- Trailer Tow – Integrated Class IV w/4 pin connector
- Windows – Rear Defroster
- Windshield Wipers – Intermittent Front & Rear

2012 EXPEDITION ENTRY "XL & XL EL" SERIES EQUIPMENT GROUP

Series/Rate	Option Code	Expedition XL - 17%		
Retail Series Mix		10.5%	1.5%	5%
Expedition 4x2 (incl. D&D)	U1F	O	O	O
Expedition 4x4 (incl. D&D)	U1G	O	O	O
Expedition EL 4x2 (incl. D&D)	K1F	O	O	O
Expedition EL 4x4 (incl. D&D)	K1G	O	O	O
5.4L Engine	995	S	S	S
6-speed Automatic Transmission	446	S	S	S
Equipment Group		100A¹	101A	102A¹
Equipment Group Mix		61.8%	8.8%	29.4%
Included In Equipment Group				
SSV Package				
<ul style="list-style-type: none"> • 17" Steel Wheel (non EL) (P265/70R17 BSW - 4X2, non EL)/(P265/70R17 OWL On/Off-Road - 4X4, non EL) • 17" Aluminum Wheel (EL) (P265/70R17 BSW - 4X2 EL)/(P265/70R17 OWL On/Off-Road - 4X4, EL) • Cloth 1st Row / Vinyl 2nd Row Seating • 3rd Row Seating Delete with Cover/End Cap • Column Shifter and Floor Console Delete • Door Handles Mold-In-Color, Black Grille, 4x4 Skid Plates • Vinyl Floor Covering • 3.73 Rear-Axle, Non-Limited-Slip (Non EL) • Less Running Boards 				
3 rd Row Manual Seat			I	
SIRIUS® Satellite Radio			I	
Free Standing Packages & Options (FSO)				
SYNC® Voice-Activated Communications and Entertainment System (includes 911 Assist™, VHR, SYNC® Services, and AppLink™)	91M		O	
3.73 Rear-Axle, Non-Limited-Slip (Non EL)	X16		O	
Heavy-Duty Trailer Tow Package			O	
<ul style="list-style-type: none"> • Class IV Trailer Hitch receiver • Wiring harness w/4 & 7 pin connector • Heavy-duty auxiliary transmission oil cooler • Heavy-duty radiator • Electronic braking wiring kit 	536			
License Plate Bracket	153		O	
17" Aluminum Wheels (P265/70R17 BSW - 4X2)/(P265/70R17 OWL On/Off-Road - 4X4) (EL Only)	64I		O	
All-Weather Floor Mats (RPO)	51R		O	
Fleet Only Options				
Fleet Convenience Package				O
<ul style="list-style-type: none"> • Power-Adjustable Pedals • Reverse Sensing System • Message Center 	50F	O		
Engine Block Heater	41H	O		O
SIRIUS® Satellite Radio (activation and programming subject to geographical location & availability) ²	62S	O		
SYNC® Voice-Activated Communications and Entertainment System (includes 911 Assist™, VHR, SYNC® Services, and AppLink™)	91M	O		
Heavy-Duty Trailer Tow Package				O
<ul style="list-style-type: none"> • Class IV Trailer Hitch receiver • Wiring harness w/4 & 7 pin connector • Heavy-duty auxiliary transmission oil cooler • Heavy-duty radiator • Electronic braking wiring kit 	536	O		
Daytime Running Lamps	43D	O		O

¹ Fleet only (valid FIN code required)

² Requires deletion of 62D

★ = New for this model year

I = Included in Equipment Group, S = Standard Equipment, O = Optional

**2012 EXPEDITION
ENTRY "XL & XL EL" SERIES
EQUIPMENT GROUP**

Equipment Group		100A ³	101A	102A ¹
Fleet Only Options (continued)				
License Plate Bracket	153	O		O
All-Weather Floor Mats (RPO)	51R	O		
4x4 Skid Plates (Front, Transfer Case and Fuel Tank)	41K	O		
Running Boards	186			O
Seats, 2 nd Row 40/20/40 Bench, Cloth	21F			O
Seats, 3 rd Row 60/40 Manual Bench, Cloth (102A/SSV: Vinyl; Cloth w/21F)	875	O		O
17" Aluminum Wheels (P265/70R17 BSW - 4X2)/(P265/70R17 OWL On/Off-Road - 4X4) (EL Only)	64I	O		O
Accessories				
Power Code™ Remote Start - Req. SYNC® (Custom Accessory Pre Installed) ⁴	65R	O	O	
Dual-Headrest DVD by Invision™ (Factory Invoiced Accessory) ⁵	91D	O	O	

³ Fleet only (valid FIN code required)⁴ Requires 91M - SYNC®⁵ Requires SIRIUS® Satellite Radio (62S) and 3rd Row Seat (875)

★ = New for this model year

I = Included in Equipment Group, S = Standard Equipment, O = Optional

2012 EXPEDITION
PRIMARY "XLT & XLT EL" SERIES
STANDARD EQUIPMENT

All XL Equipment Plus:

EXTERIOR

- Bumpers and Wheel-Lip Moldings – Body-Colored
- Exhaust – Single, Chrome-Tip
- Trim – Body-Colored
- Wheels/Tires – 18" Machined-Aluminum Wheels (P275/65R18 AT OWL)

INTERIOR/COMFORT

- Seats – 3rd Row – Fold-Flat 60/40

FUNCTIONAL

- Audio
 - SYNC® Voice-Activated Communications and Entertainment System with SYNC® Services and AppLink™
 - SIRIUS® Satellite Radio
- Instrument Cluster – Message Center
- Power-Adjustable Pedals (without Memory)
- Power Rear-Quarter Windows
- Reverse Sensing System
- Steering Wheel with Audio Controls
- Universal Garage Door Opener

FUEL ECONOMY

ENGINE DISPL.	TRANSMISSION	50-STATE			
		F.E. LABEL ADJUSTED		COMBINED CITY/ HIGHWAY	ESTIMATED ANNUAL FUEL COST
		CITY	HIGHWAY		
4x2					
5.4L 3V SOHC V8	6-Speed Automatic w/OD	14	20	16	\$2,812
4X4					
5.4L 3V SOHC V8	6-Speed Automatic w/OD	13	18	15	\$3,002

ENGINE HORSEPOWER AND TORQUE RATINGS

ENGINE DISPL.	TRANSMISSION	NOMINAL COMPRESSION RATIO	50-STATE	
			HORSEPOWER	TORQUE
			H.P. @ RPM	FT. LBS. @ RPM
ALL				
5.4L SOHC 3V	6-Speed Automatic O/D	9.8:1	310 @ 5100	365 @ 3600

DIMENSIONS

INTERIOR DIMENSIONS	NON EL MEASUREMENTS	EL MEASUREMENTS
Head Room (in)		
1 st Row	39.6	39.5
2 nd Row	39.8	39.7
3 rd Row	38.3	38.0
Shoulder Room (in)		
1 st Row	63.2	63.2
2 nd Row	63.7	63.7
3 rd Row	51.9	67.1
Effective Leg Room (in)		
1 st Row	41.2	41.2
2 nd Row	39.1	39.1
3 rd Row	37.7	37.7
Hip Room (in)		
1 st Row	60.2	60.2
2 nd Row	59.9	59.9
3 rd Row	50.2	51.8
Cargo Volume (cu. ft.)		
Behind 2 nd row	54.9	85.5
Behind 3 rd row	18.6	42.6
Behind 1 st row	108.3	130.8
EXTERIOR DIMENSIONS		
Ground Clearance	8.7	8.7
Load Floor Height	34.8	35.3
Overall Length	206.5	221.3
Overall Height	77.2	77.7
Overall Width w/o Mirrors	78.8	78.8
Overall Width with Mirrors	91.8	91.8
Overhang – Front	39.2	39.2
Overhang – Rear	48.2	51.1
Vehicle Track (Tread Width) – Front	67.0	67.0
Vehicle Track (Tread Width) – Rear	67.2	67.2
Wheelbase	119	131