



AGENDA ITEM # 17

AGENDA ITEM EXECUTIVE SUMMARY

Village Board Meeting

September 13, 2021

Item Title: Purchase of Village Vehicles

**Staff Contact: Karen R. Young, P.E. Public Works Director
Steve Herron, Police Chief**

VILLAGE BOARD ACTION

Provide direction to staff regarding the purchasing and ordering of Village vehicles.

Executive Summary:

At the mid-year budget presentation on July 26, staff indicated that due to the extraordinary circumstances and the subsequent delay between ordering and taking delivery of a vehicle, staff will use a future Village Board meeting to discuss ordering additional vehicles in 2021 with delivery expected in 2022. There have been significant challenges in purchasing vehicles due to the current supply chain issues, resulting in frequent pricing changes, ordering windows being cancelled on short notice and vehicles taking significantly longer to receive than in past years. There are several vehicles identified in the equipment replacement program for FY 2022. Due to the reasons noted below staff is recommending moving up the ordering of several of these vehicles, with delivery anticipated in FY 2022.

- **Vehicle Pricing** – In previous years vehicle pricing was held for 60 days allowing staff to process approvals through the Village Board and place the orders within this timeline. Currently pricing is being held for 15-30 days or less for the vehicle. The upfitting we are finding the timelines to be much shorter. After this timeline the pricing has been increasing, sometimes significantly.
- **Vehicle Ordering Cut Off Dates** – Staff has been informed by Ford that several of the vehicles proposed in the 2022 budget have a vehicle order cut-off date of November 1, 2021. They indicated that this date may move up and there may be no warning as to when this may occur. If not ordered within this timeframe the next order availability will likely be in summer 2022 and will be for a 2023 vehicle.
- **Vehicle Production & Delivery** – Timelines for production and upfitting of vehicles has significantly increased. We are hopeful that by purchasing the vehicles in 2021 they will be delivered and operational within FY2022. An example of current delays

includes the Freightliner large dump snowplow truck was ordered in February 2021 was originally scheduled for delivery in August/September 2021 for use in the upcoming snow season. This vehicle is now anticipated to be delivered sometime in 2022.

Proposed Vehicle Purchases

The following vehicles are being proposed for purchase in 2021 with delivery in 2022. The Village records the expense in the year the vehicle is delivered. Attached is an Appendix that provides additional details regarding these vehicles.

Public Works Vehicle Purchases

Unit #	Existing Vehicle	Mileage (M) & Engine Hours (H)	Proposed Vehicle	Total Proposed Cost (Vehicle & Upfitting)	FY 22 Proposed Budget
203	2011 Ford F-250 (Pickup)	62,272 M H n/a	2022 F-250 (Pickup)	\$42,348.50	\$57,580
213	2008 Ford F-550 (1 Ton Dump)	43,145 M 4,888 H	2022 F-550 (1 Ton Dump)	\$85,376.00	\$83,200
214	2008 Ford F-550 (1 Ton Dump)	45,988 M 5,309 H	2022 F-550 (1 Ton Dump)	\$85,376.00	\$84,500
602	2008 Ford F-250 Extended Cab Pick-Up	44,520 M H n/a	2022 F-250 (Pickup)	\$42,348.50	\$50,000
			TOTAL	\$255,449	\$275,280

Police Department Vehicles

Unit #	Existing Vehicle	Mileage (M) & Engine Hours (H)	Proposed Vehicle	Total Proposed Cost	FY 22 Proposed Budget (Vehicle & Upfitting)
701	2013 Ford Taurus (Patrol)	75,994 M 14,256 H	2022 Ford Hybrid Explorer*	\$38,958	\$50,816
706	2016 Ford Explorer (Patrol)	109,233 M 18,453 H	2022 Ford Hybrid Explorer*	\$38,958	\$50,816
708	2016 Ford Explorer (Patrol)	103,414 M 20,927 H	2022 Ford Hybrid Explorer*	\$38,958	\$50,816
752	2013 Taurus (Detective)	71,620 M 3,277 H	2022 Ford Hybrid Escape	\$27,355	\$38,958
			TOTAL	\$144,229	\$191,406

*The Hybrid Explorer costs \$3,165 more than a non-hybrid. We expect double the fuel economy with a hybrid. The return on investment should be realized within the first year or two of operation based upon current gas prices and average miles driven.

Community Development Vehicle Purchase

The existing Community Development vehicle is not included in the equipment replacement program and is a vehicle that has been handed down from the Public Works Department. The hybrid system failed after the warranty expired and hasn't been repaired. The transmission recently failed and new transmissions are no longer available. Staff researched options and found that a rebuilt transmission is available and would cost \$2,500 and would come with only a year warranty. With the changes in the Code Compliance/Building Inspector position this vehicle is now being utilized daily and requires a more reliable vehicle. The FY2022 Proposed Budget will include the replacement of this vehicle. Staff is recommending the purchase of a hybrid Ford Escape. The table below provides additional information regarding the existing vehicle and proposed purchase price.

Unit #	Existing Vehicle	Mileage & Engine Hours	Proposed Vehicle	FY 22 Proposed Budget	Total Proposed Cost (Vehicle & Upfitting)
806	2008 Ford Escape Hybrid (Small SUV)	49,020 M n/a H	2022 Ford Escape Hybrid	\$28,000	\$27,355

Implications:

Is this item budgeted? These vehicle purchases will be included in the FY 2022 Proposed Budget.

Any other implications to be considered? Based on the direction received by the Village Board, staff requests the authorization to order these vehicles with formal Board approval provided at the September 27, 2021 Village Board meeting.

Attachments:

Appendix

APPENDIX

PROPOSED PUBLIC WORKS VEHICLES

Units 203 & 602

Vendor	Item	Price
Friendly Ford*	Truck with Plow	\$38,502.00
R.A. Adams Enterprises, Inc. **	Upfitting of Lift-gate	\$3,846.50
Total Vehicle Price		\$42,348.50

* Matched Suburban Cooperative Pricing

** Lowest pricing from 3 vendors

Vehicle delivery anticipated to take 9 months plus time for upfitting.

Units 213 & 214

Vendor	Item	Price
Friendly Ford*	Cab & Chassis	\$37,970.00
Monroe Truck Equipment (Sourcewell Contract 0808114-MTE)	Upfitting of Snowplow, Dump Body & Salt Spreader System	\$47,406.00
Total Vehicle Price		\$85,376.00

* Matched Suburban Cooperative Pricing

Vehicle delivery anticipated to take 9 months plus time for upfitting.

PROPOSED POLICE DEPARTMENT VEHICLES

	2022 Ford Interceptor Explorer Hybrid	2022 Escape Hybrid
Sourcewell	\$42,275.52	\$28,053.66
Friendly FORD	\$38,958.00	\$27,355.00

POLICE VEHICLE REPLACEMENT SCHEDULE

UNIT #	Division	Year/Make	Mileage	Engine Hours	Expected Replacement
701	Patrol/SRO	2013 Taurus	75,994	14,256	2022
702	Patrol	2018 Explorer	38,006	11,949	
703	Patrol	2018 Explorer	69,377	16,277	
704	Patrol/OIC	2016 Explorer	118,868	23,355	2021
705	Patrol	2016 Explorer	71,565	10,772	2023
706	Patrol	2016 Explorer	109,233	18,453	2022
707	Patrol	2015 Explorer	90,708	12,229	2023
708	Patrol	2016 Explorer	103,414	20,927	2022
709	Patrol/SRO	2016 Explorer	125,414	21,785	2021
710	Patrol	2018 Explorer	57,172	15,292	
730	Patrol/Sergeant	2020 Explorer	2,155	6,514	
750	Detective Sgt	2016 Taurus	44,828	2,059	
751	Detective	2018 Taurus	24,348	938	
752	Detective	2013 Taurus	71,620	3,277	2022
770	Chief	2015 Taurus	72,496	2,220	
771	Deputy Chief	2015 Taurus	94,567	3,191	2023
790	CSO	2018 Transit Connect	66,190	2,723	2021
795	VIP's	2014 Explorer	93,805	19,500	

PROPOSED COMMUNITY DEVELOPMENT VEHICLE

Unit #	Existing Vehicle	Mileage & Engine Hours	Proposed Vehicle	FY 22 Proposed Budget	Total Proposed Cost (Vehicle & Upfitting)
806	2008 Ford Escape Hybrid (Small SUV)	49,020 M n/a H	2022 Ford Escape Hybrid	\$28,000	\$27,355*

* Pricing from Friendly Ford, which is lower than Sourcewell

Vehicle delivery anticipated to take 4 months.

Hybrid Warranty Information

- 3yr/36,000 miles - Bumper to Bumper
- 8yr/150,000 miles - Battery and Hybrid System
- 5yr/100,000 miles – Powertrain