



Office of the City Manager

SUPPLEMENTAL AGENDA MATERIAL for Supplemental Packet 2

Meeting Date: January 21, 2020

Item Number: 46

Item Description: **Purchase Order: National Auto Fleet Group for Nine F-Series Pickup Trucks with Various Service Body Configurations**

Submitted by: Phillip Harrington, Director of Public Works

Supplemental information is being presented in support of the recommendation to purchase nine (9) Ford F-Series Pickup Trucks for the Parks, Recreation & Waterfront Department. Attached, is a 3-year Equipment Maintenance Analysis that compares cost of maintenance to the value ratio for the nine trucks. Two of the nine trucks have already been removed from service due to reliability issues. The cost to maintain the remaining seven trucks over this 3-year period was \$140,487. The current value of the seven trucks is \$19,500. The maintenance cost to value ratio per truck ranges from 122% to 497%. Regarding analysis of other options, Public Works staff has been reviewing and discussing with Ford's Municipal Finance Division all viable options available to the City in lieu of Direct purchase. Ford has stated they currently do not have a leasing program that would apply to these trucks and the development of an electric heavy commercial truck is not in the immediate work plan.

Equipment Replacement Analysis - Parks

Unit #	Yr	Age	Make	Model	Cap.	LTD		Commercial	Repairs & Lbr	Labor	Parts	Tires	Fuel	Tot Cst	Avg Cst / Yr Cst per Mile		Value	Maint Cost to Value Ratio/Per Yr
						Mileage/ (Hrs)	Miles/ Last 3Yr								(Lst 3 yrs)	(Hr)		
263	1996	24	GMC	3500 P/U		76777	8811	\$165.00	\$8,223.00	\$3,511.00	\$127.00	\$4,084.00	\$16,110.00	\$5,370.00	\$1.83	\$1,200.00	448%	
266	1994	26	GMC	3500 P/U		49090	5519	\$609.00	\$7,833.00	\$1,420.00	\$0.00	\$3,359.00	\$13,221.00	\$4,407.00	\$2.40	\$1,050.00	420%	
295	1998	22	Ford	F250 P/U									\$0.00	#DIV/0!				
1001	1999	21	Ford	F350 P/U		68979	6557	\$488.00	\$8,418.00	\$3,287.00		\$3,933.00	\$16,126.00	\$5,375.33	\$2.46	\$4,400.00	122%	
3125	2001	19	Ford	F250 Util		104272	11356	\$273.00	\$10,888.00	\$2,652.00	\$515.00	\$6,696.00	\$21,024.00	\$7,008.00	\$1.85	\$3,000.00	234%	
3201	2003	17	Ford	F250 Util									\$0.00	#DIV/0!				
3202	2003	17	Ford	F250 Util		58204	9019	\$850.00	\$11,570.00	\$2,443.00	\$0.00	\$9,289.00	\$24,152.00	\$8,050.67	\$2.68	\$4,000.00	201%	
3203	2003	17	Ford	F250 Util		57104	11319	\$453.00	\$9,912.00	\$3,451.00	\$0.00	\$9,953.00	\$23,769.00	\$7,923.00	\$2.10	\$4,100.00	193%	
3242	2001	19	Ford	F250 P/U		80524	8907	\$3,865.00	\$9,490.00	\$7,649.00	\$0.00	\$5,081.00	\$26,085.00	\$8,695.00	\$2.93	\$1,750.00	497%	

Out of Service (OOS) - Heater Core Failure, Dash has to be removed, not cost effective. Removed from service

(OOS) - Engine Failure- cost prohibitive to repair.

Considerations:

Cost listed above is for the last three years to obtain an average of recent activity. The Maint Cost to Value Ratio is what we've spent on average every year for the past three years.

Pre-2000 year modeled vehicles cannot be smogged inshop. Must be shipped out to accomplish

Age affects parts availability. OEM parts are obsolete between 10-15years. California emssion parts hard to procure after 20 years.

Frequency of repairs increase. Column R depicts cost to value ratio of asset. We're spending on average 302% of the vehicles value in repairs for said group above. We like to consider replacement options between 50-75% of asset value. We want vehicles gone at 100%.

Regarding Emissions, older Assets, though they pass smog, are not as clean as newer models

Fuel Efficiency is significantly lower in older assets compared to newer models. EX: 2000 F150 averaged 11-13 MPG; the 2020 rated for 25 MPG.

Less Safety features available on older units versus newer models.