

ORDINANCE NO. 11-47

AN ORDINANCE APPROVING THE PURCHASE OF POLICE VEHICLES

WHEREAS, the Village of Chatham sought and obtained bids for Police vehicles for model year 2012; and

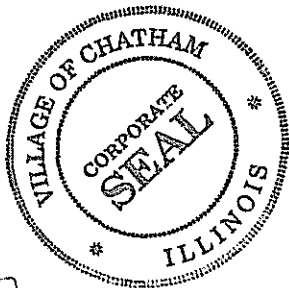
WHEREAS, the Village appropriated sufficient funds in the annual Appropriation Ordinance to purchase the equipment bid.

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF CHATHAM, ILLINOIS, AS FOLLOWS:

SECTION 1: That the bid from Thomas Dodge for \$44,014.00 for two 2012 four Door Sedan Chargers with V-6 Motor and Police Package including the following options; white/red interior dome light, ignition override, headlight/taillight wig-wags, and vinyl rear seat and one 2012 4x4 Crew Cab pickup Truck with V-8 including spotlight and headlight wig-wags for \$21,373.00 is hereby approved.

SECTION 2: This Ordinance is effective upon its passage and approval.

PASSED THIS 11th DAY OF OCTOBER, 2011



Thomas S. Gray
Thomas S. Gray, President
Village of Chatham

ATTEST:

Pat Schad, Village Clerk

AYES: 4 HERR BOYLE HOLDEN
SCHATTEMAN
NAYS: 1 MAUL
ABSENT: 1 KAVANAGH

PASSED: 10-11-11
APPROVED: 10-11-11

Squad Car Bid Report

2012 4 Door Sedan with V-6 Motor and Police Package including the following options -- white/red interior dome light, ignition override, headlight/taillight wig-wags, and vinyl rear seat.

Thomas Dodge (Dodge Charger)	\$22,107.00
Green Chevrolet (Chevrolet Impala)	\$22,225.81
Lincoln Dodge (Dodge Charger)	\$22,844.00
Wright Automotive (Dodge Charger)	\$22,922.00
Green Chevrolet (Chevrolet Caprice V-8)	\$26,676.00 without wig-wags

2012 4x4 Crew Cab pickup Truck with V-8 including left spotlight and headlight wig-wags

Lincoln Dodge (Dodge Ram 1500 Crew Cab 4x4 ST)	\$21,373.00
Thomas Dodge (Dodge Ram 1500 Crew Cab 4X4)	\$21,997.00
Wright Automotive (Dodge Ram 1500 4X4 Crew Cab)	\$22,139.00 without spotlight/wig-wags

Table 5

Vehicle	Initial Cost	+Total Maintenance	+Total Fuel	-End Of Life	Total Cost of Ownership
Chevrolet Impala	\$19,000	\$8,443	\$4,923	\$5,000	\$27,366
Chevrolet Tahoe	\$25,000	\$4,119	\$5,217	\$11,000	\$23,336
Dodge Charger V6	\$20,000	\$7,451	\$4,615	\$8,500	\$23,566
Ford Crown Victoria	\$22,000	\$6,695	\$5,000	\$5,000	\$28,695

Table 6

Vehicle	Total Cost of Ownership	Cost per year @ 3 years of service	Cost per mile @ 20K miles per year for 3 years
Chevrolet Impala	\$27,366	\$9,122	\$0.46
Chevrolet Tahoe	\$23,336	\$7,779	\$0.39
Dodge Charger V6	\$23,566	\$7,855	\$0.39
Ford Crown Victoria	\$28,695	\$9,565	\$0.49

finds its way into our form under the heading "fuel economy" (Table 3). We don't see much of a shift in focus after we add fuel for our sample jurisdiction, in this case a university police department. The numbers used to generate the table were based on a fuel cost of \$3.20 for a gallon of fuel and on the fuel economy of each vehicle for a 20,000-mile-per-year cycle.

End-of-Life Value

Given that our suspects are typically upfitted with the same equipment, there is little difference in cost here. So we need to move forward into our matrix and start what will amount to very simple math under the guise of an intimidating title of "total cost of ownership." We need to measure the amount of time these vehicles are going to be, or were, in service. This number is important, as it will greatly affect the direction of our investigation. Some agencies have a set period of time their vehicles are in fleet.

For the first time in our investigation, we now have to move from the definite to the potentially obscure. This is the "not so scientific" practice of determining end-of-life value. Again, unless you have had recent experience with the used police vehicle

market, your investigation will rely heavily on shared information.

Unlike data-sharing of today's crime-fighting world where the source isn't so important, when looking for vehicle information, it is important that those from whom you glean data have similar attributes to your agency. It would make little sense

to use the end-of-life value of a four-wheel drive in Florida when you live in Michigan.

No easy answer exists. The Kelly Blue Book, oriented to retail vehicles, is not where you want to be looking. Perhaps a good source would be recent police auctions. Once you have drawn a comfortable conclusion to the end-of-life value,

