

VILLAGE OF LOMBARD DISTRICT -ALL
REQUEST FOR BOARD OF TRUSTEES ACTION

For Inclusion on Board Agenda
Bids and Proposals

TO : President and Village Board of Trustees
FROM : David A. Hulseberg, Village Manager
DATE : February 17, 2010 Agenda Date March 4, 2010
TITLE : Bid Opening For: Vactor Sewer Flusher
SUBMITTED BY: John Mannino, Fleet Supervisor JM

RESULTS:

Date Bids Were Published _____
Bidding Closed _____
Total Number of Bids Received _____
Total Number of Bidders Meeting Specifications _____
Bid Security Required _____ Yes X No
Performance Bond Required _____ Yes X No
Were Any Bids Withdrawn _____ Yes X No
Explanation:
Waiver of Bids Requested? _____ X Yes _____ No
If yes, explain: Sole territorial dealer/ vendor for Vactor brand sewer trucks.
Award Recommended to Lowest _____ X Yes _____ No
Responsible Bidder?
If no, explain:

FISCAL IMPACT:

Engineer's estimate/budget estimate \$ 185,000.00
Amount of Award \$ 168,153.00

BACKGROUND/RECOMMENDATION:

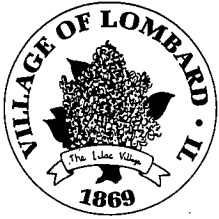
Staff seeks the B.O.T to award a contract to Standard Equipment of Chicago (IL) in the amount of \$168,153 for a new Vactor sewer truck and declare Village unit # SM455, a 2004 Vac-Con sewer truck, surplus authorizing its trade-in.

Has Recommended Bidder Worked for Village Previously X Yes _____ No
If yes, was quality of work acceptable X Yes _____ No
Was item bid in accordance with Public Act 85-1295? _____ Yes X No
Waiver of bids - Public Act 85-1295 does not apply X Yes

REVIEW (as needed):

Village Attorney XX _____ Date _____
Finance Director XX _____ Date _____
Village Manager XX _____ Date _____

NOTE: All materials must be submitted to and approved by the Village Manager's Office by 4:30 pm, Wednesday, prior to the Board Agenda distribution.

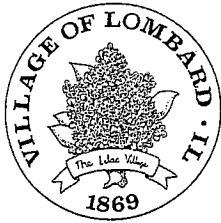


To: David A. Hulseberg, Village Manager
Through: Carl S. Goldsmith, Director of Public Works *cy*
From: John Mannino, Fleet Supervisor *JM*
Date: February 16, 2010
Subject: FY11 New Vehicle Purchase, Sewer Flusher Truck #SM455

Included in the FY 11 budget is a replacement for Village unit # SM455, a 2004 sewer flushing and jetting truck for the Public Works Sewer Division. We are replacing our current sewer truck because it is too small for our needs and the maintenance costs are high. Our current truck is a Vac-Con brand sewer truck and has a 1000 gallon tank capacity which is too small for our needs (see attached memo from the Public Works Utilities Superintendant explaining this). Repairs to this vehicle include major component failures such as the high pressure jetting water pump.

The brand that most municipalities use and the one that meets our specifications is the 2500 gallon capacity Vactor brand sewer truck sold by Standard Equipment of Chicago (IL). Since the Vactor brand can only be purchased through the area dealer, Standard Equipment, the Village could not obtain a better price through an open bidding process. The price of this vehicle is \$205,653 less a trade-in allowance for our old sewer truck of \$37,500 equals a net cost of \$168,153. The budgeted amount for this vehicle is \$185,000.

I request the B.O.T. to waive bid, and award a contract to Standard Equipment of Chicago (IL) in the amount of \$168,153 for a new 2,500 gallon Vactor sewer truck. I also recommend declaring Village unit # SM455 as surplus per the attached ordinance and authorizing its trade-in. Waiver of first reading is requested on this ordinance. Please submit this item to the Village Board for their consideration at the March 4, 2010 meeting.



MEMORANDUM

To: William T. Lichter, Village Manager

From: Angela M. Podesta, Utilities Superintendent

Through: Wes Anderson, Director of Public Works

Date: November 10, 2006

Subject: Combination Truck & Flusher Truck Replacements

Executive Summary

I am recommending the depreciation on the Combination Truck (SM 449) and the Flusher Truck (SM 455) be accelerated such that the Combination Truck is replaced in three years (FY 2010) and the Flusher Truck is replaced in four years (FY 2011) because the trucks are undersized to meet current demands. Additionally, the repair costs for the Combination Truck are estimated to be 50% of the original purchase price during the nine years the Village will own the truck.

Currently, the Combination Truck is scheduled for replacement in 2012 and the Flusher Truck is scheduled for replacement in 2013. The depreciation schedule for the combination truck would have to be increased from \$17,500 to \$105,000 for two years in order to purchase the truck in FY 2010. The depreciation schedule for the flusher truck would have to be increased from \$15,700 to \$62,000 for three years to purchase the truck in FY 2011. The increased depreciation costs are based upon the purchase of Vactor brand trucks with larger capacity.

Combination Truck

The combination vacuum/flusher truck was purchased in 2003 and went into service on September 9, 2003. The truck is made by VacCon. The truck is used for hydro-excavation, catch basin cleaning and as a backup to the flusher truck.

This truck replaced a similar VacCon truck. In the past, the Village had Vactor brand combination trucks but due to cost considerations and reduced usage the VacCon truck was thought to be a satisfactory replacement. The truck was also downsized from a tandem axle 12 cubic yard debris body to a single axle 9 cubic yard debris body. During the time that the Village owned the first VacCon, the machine was not used as heavily as it is used today.

In approximately two years, the Village has used the VacCon on over 100 excavations and its use for this purpose will increase since it is a safer method when digging around utilities. The crews use this truck exclusively to install the Vac-A-Tee cleanouts which has resulted in a substantial savings in restoration. The Village has also resumed a regular catch basin cleaning program.

The truck has not performed well under the increased usage. During the past three years, the Village has spent \$34,932.37 in repair costs (parts and labor) and 276 shop hours. This type of truck will always be high maintenance due to its complexity and heavy use but spending \$11,000 and 100 shop hours per year in maintenance (not including fuel or depreciation) on a new truck is unreasonable. Items that should have been fully covered under warranty, such as the fan, were not. Productivity also suffers due to the excessive down-time.

The Village of Glen Ellyn sold their 1998 VacCon last year and purchased a 2005 Vactor because of high maintenance costs and increased down-time. They projected annual repair costs of \$25,000 if they kept the VacCon. They had spent \$45,000 in repairs. They are very pleased with the performance of their new Vactor. Glen Ellyn sold the VacCon truck at auction for \$65,000. The Village of Barrington purchased a Vactor to replace their VacCon a couple of years ago for the same reason - high maintenance costs.

At the end of FY2007, the Village will have \$52,500 in reserves to replace this truck. The scheduled replacement is in 2012. On the Internet, 10 year old VacCon trucks of similar size to the Village's are for sale for \$65,000. After five years this type of truck has a heavier maintenance cycle which is reflected in the resale/trade-in value. Repair costs will most certainly escalate as this vehicle gets older. Even if the repair costs do not rise, the Village will have spent over \$100,000, or half the vehicles value, to keep it running until scheduled replacement. The increased demand on staff time is also a consideration. Fleet Services dedicates 2-1/2 weeks per year to fixing this truck.

A new Vactor has been quoted for \$310,000. The vehicle quoted is larger than the current truck, with a 15 cubic yard debris box, 1500 gallon water capacity and tandem axles to decrease the time between emptying the debris and filling water

for flushing. An option the Village should consider is the purchase of a demo truck which is typically discounted 5-8%.

I recommend the Combination Truck be replaced in the next three years and the depreciation schedule be adjusted accordingly to accommodate the purchase of a Vactor brand combination truck with increased capacity. The depreciation would have to be increased to \$105,000 each year for the next two years, assuming a resale value of \$65,000 for the current truck, in order to purchase the new truck in FY2010.

Flusher Truck

The flusher truck was purchased in 2004 and went into service on August 12, 2004. The truck is made by VacCon. The flusher truck is used to clean and root cut sewers.

Usage has increased because the Village has committed to flushing 25% of the sanitary sewers smaller than 15 inches in diameter each year (26 miles). Last year the village flushed and root cut 28 miles of sewer main. It has become apparent that the water capacity of the truck (1000 gallons) is too small for such heavy usage. The crew has to stop much too frequently to refill the flusher's water tank. Sometimes the combination machine has to be used to full up the flusher because the water tank isn't even big enough to flush one line. The truck will run out of water during a root cutting or flushing operation and have to wait for water to be delivered to continue.

In the past two years, the Village has spent \$11,300 and 90 shop hours on repairs and maintenance for the flusher truck. Again, the down-time affects the productivity of the sewer flushing program.

A new Vactor flusher truck is quoted for \$185,000. The Village currently has \$15,720 in reserves to replace this truck. Replacement is scheduled for 2013. I suggest that the truck be replaced in four years or sooner, and the depreciation schedule be adjusted accordingly to accommodate the purchase of a Vactor brand flusher truck with increased capacity. The depreciation would have to be increased to \$62,000 each year for the next three years in order to purchase the new truck in FY2011.

ORDINANCE _____

**ORDINANCE AUTHORIZING THE SALE AND/OR DISPOSAL
OF MUNICIPAL OWNED PERSONAL PROPERTY**

WHEREAS, in the opinion of the Corporate Authorities of the Village of Lombard, it is no longer necessary or useful to or in the best interest for the Village of Lombard to retain the following described personal property:

Unit #SM455 2004 Sterling Acterra sewer flusher truck VIN #2FZACFAK34AM47935

now owned by the Village of Lombard; and

WHEREAS, The Village routinely declares such type of personal property surplus and the best interest of the Village of Lombard will be served by its sale and/or disposal.

NOW, THEREFORE, BE IT ORDAINED BY THE PRESIDENT AND BOARD OF TRUSTEES OF THE VILLAGE OF LOMBARD, DU PAGE COUNTY, ILLINOIS, as follows:

Section 1: Pursuant to 65 ILCS 5/11-76-4, the President and Board of Trustees find the following described property:

Unit #SM455 2004 Sterling Acterra sewer flusher truck VIN #2FZACFAK34AM47935

now owned by the Village of Lombard is no longer necessary or useful to the Village of Lombard and the best interest of Lombard will be served by its sale/trade-in to Standard Equipment of Chicago, Illinois in the amount of \$37,500.00.

Section 2: Pursuant to said 65 ILCS 5/11-76-4, the Village President and Clerk are hereby authorized and directed to sell and/or dispose of the aforementioned personal property now owned by the Village of Lombard.

Section 3: This ordinance shall be in full force and effect from and after its adoption and approval as provided by law.

Passed on first reading this _____ day of _____, 2010

First reading waived by action of the Board of Trustees this _____ day of _____, 2010

Passed on second reading this _____ day of _____, 2010

Ayes: _____

Nays: _____

Ordinance No. _____

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Absent: _____

Approved this _____ day of _____, 2010

William J. Mueller
Village President

ATTEST:

Brigitte O'Brien
Village Clerk