



CITY COUNCIL AGENDA REPORT

MEETING DATE: OCTOBER 16, 2007

ITEM NUMBER:

SUBJECT: SOLE SOURCE REHABILITATION OF STREET SWEEPERS

DATE: OCTOBER 2, 2007

FROM: FINANCE DEPARTMENT

PRESENTATION BY: WILLIAM J. MORRIS. PUBLIC SERVICES DIRECTOR

**FOR FURTHER INFORMATION CONTACT: BRUCE HARTLEY, MAINTENANCE SERVICES
MANAGER (714) 754-5164**

RECOMMENDED ACTION:

Authorize a sole source Purchase Order for the rehabilitation of two City-owned street sweepers to GCS Western Power & Equipment, 8271 Commonwealth Avenue, Buena Park, California 90621 in the amount of \$219,810.00.

BACKGROUND:

The City owns and operates five street sweepers. Four of these machines are front-line vehicles, with the fifth utilized as a 'back-up' machine that is typically operated only when one of the other machines is out of service for repair or maintenance. In the past, the City has operated a street sweeper for approximately eight years prior to placing it in a back-up assignment and replacing the oldest machine. Historically, it has been the secondary motor and sweeping portion of the machine that wears out and becomes cost prohibitive to repair. The sweeping portion of the machine has a service life of eight to ten years. The platform or truck portion of the machine typically has more service life remaining, with fifteen to twenty years of service not uncommon for heavy duty diesel trucks. The current cost for a new alternative fuel street sweeper has risen to over \$220,000.

Currently, two of the City's street sweepers have reached the end of their service life as it relates to the sweeping/hopper components.

ANALYSIS:

The deterioration of the sweeping components such as pick-up heads, gutter broom assemblies, debris hopper, dump door and rear engine are a result of normal usage. Failure of these components significantly reduces the sweeping effectiveness of the machine. Repair and replacement of these components is performed until they are no longer serviceable.

Staff has evaluated various alternatives to purchasing new machines and has discovered a cost effective alternative. Tymco Manufacturing, Inc., the company that provided three of the existing City-owned street sweepers, has a rehabilitation option called a "Re-Mount" program. This program involves the rehabilitation of the entire

sweeping portion of the machine for about one-half the cost of purchasing an entirely new sweeper. The program is coordinated through GCS Western Power & Equipment, the local sole source distributor for Tymco Manufacturing, Inc., a Texas based company.

One of the Tymco street sweepers recommended for the "Re-Mount" program is a 2001 model year with about 67,000 miles on the truck chassis and propulsion engine. The second Tymco street sweeper is a 2001 model year and will have approximately 64,000 miles in nine months, when it would be sent for rehabilitation. The rehabilitation will be completed on one machine at a time to insure there is no reduction in sweeping service to the community.

Rehabilitation by Tymco, the original equipment manufacturer, replaces all sweeper related components with a new 2008 Regenerative Air Sweeper, secondary engine, AQMD mandated dust control system, rubber-lined blower, dual steering, 43 inch dual gutter brooms, amber strobe light and rear flasher, cab instruments, hydraulic sight and temperature gauges, twin gutter broom lights, parabolic mirrors and back-up alarm, and freight costs.

The existing chassis and cab of both sweepers are in sound condition and it is estimated that the "Re-Mount" will deliver an additional eight to ten year life cycle, while meeting Air Quality Management District PM-10 requirements.

Staff believes that the rehabilitation program is best suited to meet the City's needs to cost effectively maintain City Equipment. GCS Western Power is the only Tymco factory authorized dealer and repair center for California. The Maintenance Services Division received funds in the FY 2006-07 to rehabilitate two street sweepers through this program. Both machines have been returned to the City following rehabilitation and have been evaluated by Fleet Services staff. Staff found the results to be excellent, and the workmanship of high quality. The appearance and function of the rehabilitated sweepers is equivalent to a new machine.

Staff does not believe that there are any other companies that offer the "rehabilitation" services as Tymco does. Also, Tymco is the original manufacturer of the sweepers proposed for rehabilitation. This will assure a quality product.

ALTERNATIVES CONSIDERED:

One alternative to rehabilitating this equipment would be to purchase new street sweepers at a significantly higher cost. The estimated cost of purchasing one new street sweeper is approximately \$220,000. The rehabilitation cost is \$109,905.00 each.

FISCAL REVIEW:

Funding for the rehabilitation of two street sweepers is included in the Public Services 2007-2008 fiscal year budget.

LEGAL REVIEW:

A legal review is not required for this item.

CONCLUSION:

The City must maintain the five existing street sweeping machines to continue providing the high level of service to the community and to insure compliance with Federal Clean Water Act regulations (N.P.D.E.S.). Staff thoroughly analyzed the option of purchasing new equipment versus rehabilitation of the existing equipment, and has determined that renovating the existing machines is the most cost effective option at this time. Based on that analysis, it is recommended that the Council authorize the sole source sweeper rehabilitation through GCS Western Power & Equipment. Staff has experienced excellent results with the two previous machines which were rehabilitated through this program.

BRUCE A. HARTLEY
Maintenance Services Manager

WILLIAM J. MORRIS
Public Services Director

MARC R. PUCKETT
Director of Finance

Attachment:	Justification for Sole Source Request
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C: Deborah Dobrott, Purchasing Supervisor