



CITY OF GLENDALE CALIFORNIA
REPORT TO CITY COUNCIL

December 13, 2005

AGENDA ITEM

A Report on the Acquisition of Alternative Fuel Vehicle for the Street Sweeping Operation.

- 1. Resolution to transfer funds from the Refuse Fund Undesignated Balance to the Refuse Fund Street Sweeping Capital Outlay Account.

COUNCIL ACTION

Public Hearing [] Ordinance [] Consent Calendar [] Action Item [X] Report Only []
Approved for December 13, 2005 calendar.

ADMINISTRATIVE ACTION

Submitted Stephen M. Zum, Director of Public Works
Prepared Alina C. Morshidian, Administrative Associate
Approved James E. Starbird, City Manager
Reviewed Robert J. Franz, Director of Finance
Scott Howard, City Attorney
Dave Cole, Mechanical Maintenance Administrator

RECOMMENDATION

Attached for Council's consideration is a Resolution of Appropriation requesting City Council to approve the transfer of funds from the Refuse Fund Undesignated Balance to the Refuse Fund Street Sweeping Capital Outlay Account for the acquisition of a Clean Natural Gas (CNG) operated street sweeper. Approval of the Resolution is respectfully recommended.

SUMMARY

The Public Works Department would like to purchase a CNG operated street sweeper as a test vehicle to determine its environmental and economical feasibility. The street sweeper will replace a fully depreciated diesel powered 1998 Mobil Athey sweeper with 42,555 miles. The high mileage on this vehicle has made it inefficient with regards to exhaust and thus releases toxins into the air. After the testing period, staff will plan to systematically replace old diesel powered sweepers with CNG sweepers as replacement becomes necessary.

The Public Works Department received a grant for the amount of \$190,192 to purchase the CNG operated street sweeper. Since the estimated cost of such vehicle is \$250,000, the Public Works Department will need \$60,000 in additional funding for this acquisition.

Thus, the staff requests that the City Council approve the Resolution of Appropriation to transfer funds from Refuse Fund Undesignated Balance to Refuse Fund Street Sweeping Capital Outlay Account.

FISCAL IMPACT

The Public Works Department received a grant for the amount of \$190,192 as part of AQMD Settlement Agreement with the City of Glendale. The estimated cost of a CNG operated street sweeper is \$250,000. Therefore, funding is requested from the Refuse Fund Undesignated Balance Account (27900-530) to Refuse Fund Street Sweeping Capital Outlay Account (51000-530-574) in the amount of \$60,000 to subsidize the remaining cost of this acquisition.

BACKGROUND

In June 2004, the City of Glendale Public Works Department submitted a grant application for Environmental and Health Programs funded with South Coast Air Quality Management District (AQMD) Settlement Funds. The grant funds were made available pursuant to a settlement agreement between the City of Glendale and the AQMD. The Settlement Agreement was negotiated in an effort to assist the City in alleviating the State power shortage. According to the Settlement Agreement, fifty percent (50%) of the profits derived from energy sales to the State were earmarked for environmental and health programs serving the City of Glendale.

In June 2005, City Council took action to distribute \$690,713 in AQMD Settlement Grant Funds. The Public Works Department was awarded the sum of \$190,192 to purchase a CNG operated street sweeper.

AQMD Rule 1186.11 requires public and private fleet operators to purchase alternative fuel sweepers when replacing or adding equipment to their fleet to reduce the contribution of overall toxic risk of diesel exhaust emitted by public fleets and the gaseous air toxic compounds associated with gasoline vehicles in the region. In accordance with this AQMD rule, the grant funds will be expended for purchase of a

CNG operated street sweeper. This new sweeper will replace a fully depreciated diesel powered 1998 Mobil Atthey sweeper with 42,555 miles. The high milcage on this vehicle has made it inefficient with regards to exhaust and thus releases toxins into the air. After the testing period, staff will plan for systematic replacement of old diesel powered sweepers with CNG sweepers as replacement becomes necessary.

A CNG sweeper will be efficient compared to diesel powered sweepers because the latter travel approximately 10-15 mph. Due to the slow speed, the diesel powered sweepers stay in particular areas for prolonged periods of time and thus emit tremendous amount of toxins into the air. For instance, in City's residential neighborhoods, diesel powered sweepers are emitting toxins into the air near homes and schools as they sweep their routes. The Department's four sweepers clean approximately 39,000 miles of streets annually. Utilizing a CNG operated street sweeper will help meet the community's need for cleaner air as the City streets are swept.

The Mechanical Maintenance Division has over 15 years of experience in utilizing Alternative Fuel Vehicles (AFV's), including CNG operated vehicles. Past vehicles in the Department's fleet have included electric vehicles and vehicles that run on ethanol and methanol. Currently, the Public Works Department operates 31 CNG operated buses for Glendale's Beeline Transit System. The Mechanical Maintenance Division staff conducts maintenance inspections of the CNG operated Beeline Buses. The Department is seeking to continue with the use of AFV's for future vehicle acquisitions.

The addition of a new CNG operated street sweeper meets Public Works Departmental priorities. It is the Department's goal to contribute a healthier air quality for Glendale residents and the general public. The CNG operated street sweeper will reduce toxic exhaust emmissions from on-road vehicles and therefore limit the public's exposure to air toxic contaminants and pollutants.

EXHIBIT

RESOLUTION NO. _____

RESOLUTION OF THE COUNCIL OF THE CITY OF GLENDALE
MAKING AN APPROPRIATION

BE IT RESOLVED BY THE COUNCIL OF THE CITY OF GLENDALE:

SECTION 1: That the sum of \$630,576 be and it is hereby appropriated and transferred from the following accounts to the following accounts:

ACCOUNT	FUND	ORG	DESCRIPTION	FROM	TO
51000	101	535	General Fund, Street Maintenance, Capital Outlay	190,192	
39150	101		General Fund, Transfer from Electric Fund		190,192
48010	554	921	Elect. SCAQMD State Sales, Pwr Mgt., Tsfr. to Gen. Fund	190,192	
48060	554	921	Electric SCAQMD State Sales, Pwr Mgt., Tsfr. to Misc. Enterprise		190,192
27900	530		Refuse Disposal Fund, Net Assets	60,000	
39150	530		Refuse Disposal Fund, Transfer from Electric	190,192	
51000	530	574	Refuse Disposal Fund, Street Sweeping, Capital Outlay		250,192

To appropriate funds to purchase a CNG-operated street sweeper.

SECTION 2: The City Clerk shall certify to the adoption of this Resolution.

Adopted this _____ day of _____, 2005.

APPROVED AS TO FORM

CITY ATTORNEY

DATE 12-5-05

Mayor

ATTEST:

City Clerk

11-21-2005

 RESOLUTION 630,576

 City Clerk

STATE OF CALIFORNIA)
COUNTY OF LOS ANGELES) SS
CITY OF GLENDALE)

I, Ardashes Kassakhian, City Clerk of the City of Glendale, certify that the foregoing Resolution _____ was adopted by the Council of the City of Glendale, California, at a regular meeting held on the _____ day of _____, 2005 and that the same was adopted by the following vote:

Ayes:

Noes:

Absent:

City Clerk