



AGENDA MEMORANDUM

Future Item for the City Council Meeting of October 27, 2015
Action Item for the City Council Meeting of November 10, 2015

DATE: November 10, 2015

TO: Ronald L. Olson, City Manager

FROM: Maria Pedraza, Procurement Manager
MariaPe@cctexas.com
361-826-3176

Lawrence Mikolajczyk, Director, Solid Waste Operations
LawM@cctexas.com
361-826-1972

Expand Solid Waste Operations' DriveCam Program by adding 51 units, and providing coverage to 100% of the Solid Waste fleet.

CAPTION:

Resolution finding that competitive bids are not required for procurement from Lytx, Inc., and authorizing the City Manager, or designee, to execute agreements with Lytx, Inc., totaling \$133,225.26 for the purchase of additional hardware and software to expand the vehicle-mounted camera program for the Solid Waste Operations Department.

PURPOSE:

DriveCam cameras record driver behavior that is proactively utilized to reduce the number of preventable vehicle accidents. The cameras mounted to the trucks capture simultaneous images of the driver and the view in front of the vehicle to document recordable events, and provide extremely important data in documenting preventable vehicle accidents and unsafe driving behavior. This purchase expands on the original 40 DriveCam units purchased in FY 2014, to extend coverage to all 91 Solid Waste Operations vehicles.

BACKGROUND AND FINDINGS:

Solid Waste Operations began utilizing DriveCam in FY 2014 with the installation of 40 units, which covers 44% of the Solid Waste fleet. To test the effectiveness of the system, and provide department-wide coverage, the initial 40 cameras were installed in Transfer Station, Landfill, Refuse and Recycling Collection, and Brush Collection vehicles. For the initial 40 units, Solid Waste Operations pays annual subscription fees of \$15,915.20. The Risk Management division supported the DriveCam initiative by funding \$22,618 of the total \$49,551.60 of the initial hardware and subscription costs in FY 2014. For FY 2016, Risk Management has committed another \$22,000, of the total \$52,057.74 required to expand the program to the entire Solid Waste Operations fleet. The hardware cost for 51 units is \$31,765.86, with annual subscription fees of \$20,291.88. The annual recurring subscription cost for the total 91 units will be \$36,207.08 in FY 2017 and beyond. The results of the DriveCam program more than compensate for the cost. As reported by the Risk Management division, Solid Waste experienced 12 preventable vehicle accidents in FY 2015, which is down from 15 preventable accidents in FY 2014, and 17 preventable accidents in FY 2013. It's believed that the installation of DriveCam technology on 100% of the Solid Waste fleet can only help to sustain this downward trend.

ALTERNATIVES:

No better systems are known to monitor driving behavior and proactively help reduce preventable accidents. The cost of the system is justified by the avoidance of one accident.

OTHER CONSIDERATIONS:

The Legal Department’s Risk Management Division establishes goals as part of their annual business plan to reduce preventable vehicle accidents and employee injuries. Solid Waste Operations is a field that is inherently dangerous due to the nature of the work, and ranks high among professions in employee related injuries and fatalities.

CONFORMITY TO CITY POLICY:

The City of Corpus Christi goes to great lengths to help insure safety for all employees, agents, contractors, and the general public. The purpose of the Risk Management Division is to protect the assets of the City from potential loss by purchasing property insurance, self-insuring, transferring the risk of loss to others, promoting safety programs, and effectively managing all claims filed against the City. The Risk Management Division governs the procedures for City Wide Safety, Operation of Vehicles, and the establishment of the Vehicle Accident Review Board.

EMERGENCY / NON-EMERGENCY:

Non-emergency.

DEPARTMENTAL CLEARANCES:

City Attorney - Risk Management

FINANCIAL IMPACT:

Operating Revenue Capital Not applicable

Fiscal Year: 2015-2016	Project to Date Expenditures (CIP only)	Current Year	Future Years	TOTALS
Line Item Budget		\$30,057.74	\$81,167.52	\$111,225.26
Encumbered / Expended Amount		\$22,000.00	\$0	\$22,000.00
This item		\$52,057.74	\$81,167.52 *	\$133,225.26
BALANCE		0	0	0

Fund(s): General Fund, Liabilities/Employee Benefits/Workers Compensation Fund, and the Liabilities and Employee Benefits Fund

Comments: * Future Years expense shows the total of four years of subscription fees for 51 DriveCam units, at \$20,291.88 per year.

RECOMMENDATION:

Staff recommends approving the purchase.

LIST OF SUPPORTING DOCUMENTS:

Resolution, DriveCam Quotes, Presentation