

**T Transportation Committee**  
**For Metropolitan Council meeting of April 13, 2011**

**Date** March 30, 2011

**Prepared:**

**Subject:** SMARTCoM Maintenance Agreement with Trapeze

**Proposed Action:**

That the Metropolitan Council authorize the Regional Administrator to negotiate and execute a five-year, sole-source, maintenance agreement with Trapeze ITS U.S.A. LLC for ongoing maintenance and support services of installed software and hardware.

**Summary of Committee Discussion / Questions:**

Pat Jones, Metro Transit Assistant Director, Facilities Engineering, presented. Council Member Doan asked about the benefits of the system and how many buses are equipped with the technology. Jones answered that over 1100 buses and 100 non-revenue vehicles are equipped. Some benefits of the system include real time bus arrival time information for signs at bus stops and the web based Trip Planner, availability of historical data for customer service, and the ability to track and manage buses. Lamb added that this system is beneficial in locating and making real-time decisions in the event of congested rush hour traffic or snow events. McCarthy also added that the system tracks actual data for routes and is essential for service planning and schedules.

Motion by Council Member Doan, seconded by Council Member Munt, and passed unanimously. CONSENT

# T Transportation Committee

Meeting date: March 28, 2011

For Metropolitan Council Meeting: April 13, 2011

## ADVISORY INFORMATION

Date:	March 23, 2011
Subject:	SMARTCoM Maintenance Agreement with Trapeze
District(s), Member(s):	All
Policy/Legal Reference:	Council Policy 3-3 Expenditures – Procurement of Goods and Services over \$250,000
Staff Prepared/Presented:	Brian Lamb, General Manager, 612-349-7510 Tom Thorstenson, Director, E&F, 612-349-7689 Pat Jones, Asst. Director Facilities Engineering, E&F 612-349-7606
Division/Department:	Metro Transit/Engineering &Facilities

### Proposed Action

That the Metropolitan Council authorize the Regional Administrator to negotiate and execute a five-year, sole-source, maintenance agreement with Trapeze ITS U.S.A. LLC for ongoing maintenance and support services of installed software and hardware.

### Background

In 2002, the Council entered into a contract with Trapeze (then Siemens) for the purchase of a automatic vehicle location (AVL), data and communications system. The system was named SMARTCoM. Again in 2009, the Council contracted with Trapeze (then Continental) to expand SMARTCoM to the regional fleet. The system provides a critical link between bus operator and dispatch and, in real time, monitors and tracks the operations of over 1000 buses and 100 non-revenue vehicles.

This agreement provides hardware and software support, as well as routine software updates (patches, etc.) for the system. Future software development leading to two software upgrades is also included in the agreement and will be expensed as a capital cost. Trapeze has provided documentation to support the capitalization of approximately 38% of the total agreement cost.

### Rationale

Computer hardware and software purchased by the Council requires ongoing maintenance and support. Competitive procurements for the hardware and software have already been completed; this item addresses ongoing maintenance and support services resulting from the original competitive procurements.

Council Procurement Procedure 10.4.1 addresses sole source procurements and provides the following guidance: "Sole source procurement of Original Equipment Manufacturer (OEM) repairs, parts, equipment and systems, software maintenance and support, or other services that are required on a continuous basis may be authorized on an ongoing basis."

This contract for software and hardware services is greater than \$250,000 in total and thus require Council approval.

## **Funding**

The total cost for the five year agreement is anticipated to be approximately \$5.2 million dollars. The cost formula includes a quantity component and terms within the agreement will provide for an annual adjustment based on annual fleet size.

Funding for these software and hardware maintenance services is included in the Council's operating budget. Approximately 38% of the total cost is eligible to be expensed as a capital cost.

Regional Transit Providers, who choose to participate in the system, will contribute to the maintenance cost as outlined in Interagency Agreements.

## **Known Support / Opposition**

There is no known opposition to this contract.