

## A G E N D A



## Recommendation for Council Action (Purchasing)

Austin City Council	Item ID:	7739	Agenda Number	75.
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Meeting Date:	July 28, 2011
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Department:	Purchasing
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## Subject

Authorize award and execution of a contract through the Houston-Galveston Area Council (HGACBUY) Cooperative Purchasing with TWINCREST TECHNOLOGIES, Mansfield, TX, for SmartSensor equipment for the Austin Transportation Department's Advanced Traffic Management System, in an estimated amount not to exceed \$175,950.

## Amount and Source of Funding

Funding is available in the Fiscal Year 2010-2011 Capital Budget of the Transportation Department.

## Fiscal Note

A fiscal note is attached.

Purchasing Language:	Cooperative Purchase
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Prior Council Action:	
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For More Information:	Lupe Cruz, Buyer I/974-9142
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Boards and Commission Action:	
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MBE / WBE:	This contract will be awarded in compliance with Chapter 2-9D of the City Code (Minority-Owned and Women-Owned Business Enterprise Procurement Program). This contract is a Cooperative Purchase; therefore, it is exempted under Chapter 791 of the Texas Local Government Code and no goals were established for this solicitation
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Related Items:	
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#### Additional Backup Information

This equipment is a crucial part of the new Advanced Traffic Management System (ATMS) and will be used for collection of traffic volume and speed along different arterials in the City. They would also be used to identify unusual traffic patterns caused by incidents and unplanned events.

The collected data is sent to our traffic management center to help improve the flow of traffic by determining appropriate signal patterns. Also, using the embedded algorithm of the ATMS, the collected data will be used to estimate fuel consumption, stops & delays, and other related measures of effectiveness (MOE's) along different roadways throughout the City. Without system detectors, the ATMS will not receive the data needed to adjust traffic signal patterns based on traffic flow or to provide MOE information to the public.

Twincrest Technologies is under contract with (HGACBUY) to supply these materials and services statewide as a result of a competitive bidding process.