



City of Rochester Hills  
AGENDA SUMMARY  
FINANCIAL ITEMS

1000 Rochester Hills Dr.  
Rochester Hills, MI 48309  
248.656.4630  
[www.rochesterhills.org](http://www.rochesterhills.org)

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Legislative File No: 2014-0474

**TO:** Mayor and City Council Members

**FROM:** Sean M. Canto, Chief of Fire and Emergency Services

**DATE:** November 10, 2014

**SUBJECT:** Mobile Data Computers with Automatic Vehicle Location System

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**REQUEST:**

The Fire Department requests authorization of a project budget for the purchase and installation of all parts and components needed to implement Mobile Data Computers (MDC) with built in Automatic Vehicle Location (AVL) to Dell Computers, Round Rock, Texas and other vendors as appropriate in the amount not to exceed \$63,500.00.

**REASON FOR PURCHASE:**

By installing Mobile Data Computers with AVL technology, the status and location of fire department units can be tracked to ensure the closest available unit is dispatched to the incident, directly resulting in decreased response times to the emergency. Additionally the MDC will have live Computer Aided Dispatch (CAD) interface with dispatch, and the CAD has a routing program that will map the unit directly to the incident. Currently, the Department continues to use a dispatch protocol based on where resources are by station location, not real time actual deployment. Utilization of MDCs will also allow personnel to access information from pre-plans, Haz-Mat information, and premise information as needed, and also the ability to see the status of responding fire department units. ***Rochester Hills will be the first Fire Department in Oakland County to utilize this technology. Our community will be leading the way with this equipment, while working with the Oakland County Sheriff's Department Communications Center to provide "State of the Art" dispatching.*** The citizens of Rochester Hills deserve the highest level of service possible, and through this system and joint effort will allow Rochester Hills to provide this service while moving the department into the future.

The Fire Department worked with the Purchasing department to gather quotes for the different components that are needed for this project. The laptop computers and labor for this project comprise the majority of the costs for this project. The computers will be purchased utilizing Oakland County's cooperative contract with Dell computers. The computers require integration with the County's network.

The other components of this project include the purchase of adapters, antennas, modems, mounts and installation. The City determined that it was in their best interest to quote each of these items individually and purchase the items directly. The City considered that if they hired one vendor to be responsible for the purchase of the components and installation, that the contractor would charge additional administration costs and the price would be higher by sourcing through one vendor, rather than quoting the items individually and purchasing.

**PROCESS:**

Vendor Name and Address:  
Dell Computers  
One Dell Way  
Round Rock, Texas 78682

**Reason for Selection:**

Cooperative Contract/Best Value

**Method of Purchase:**

Blanket Purchase Order

**BUDGET:**

While this was not budgeted for in 2014, the fire department through fiscal prudence, has almost half of the cost from this year's budget available. If approved by City Council, Fiscal shall present a FY 2014 4th Quarter Budget Amendment to increase the expenditure budget with the additional funding to be drawn from fund balance.

Fund Name	Department Account No	Account No. Description	Budget Amount	Cost	Remaining Budget
Fire Capital Fund	402.977000	Capital Equipment	\$29,000	\$63,500	(\$34,500)

**RECOMMENDATION:**

The Fire Department requests authorization of a project budget for the purchase and installation of all parts and components needed to implement Mobile Data Computers (MDC) with built in Automatic Vehicle Location (AVL) to Dell Computers, Round Rock, Texas and other vendors as appropriate in the amount not-to-exceed \$63,500.00.

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APPROVALS:	SIGNATURE	DATE
Department Review		
Department Director		
Budget Content: Finance Director		
Purchasing Process: Supervisor of Procurement		
Mayor		
Deputy Clerk		