



**Purchasing Contract  
CITY OF AUSTIN  
RECOMMENDATION FOR COUNCIL ACTION**

**AGENDA ITEM NO.:** 30  
**AGENDA DATE:** Thu 09/02/2004  
**PAGE:** 1 of 2

**SUBJECT:** Authorize negotiation and execution of a contract with DECCAN INTERNATIONAL, San Diego, CA, for the purchase and installation of supplemental software for the TriTech CAD system used in responding to 9-1-1 calls, in an amount not to exceed \$178,500.

**AMOUNT & SOURCE OF FUNDING:** Funding is available in the Fiscal Year 2003-2004 Operating Budget of the Communications and Technology Management Special Revenue Fund. Funding is through a grant from the Office for Domestic Preparedness, U.S. Department of Homeland Security and administered by the Texas Engineering Extension Service (TEEX), a member of the Texas A&M University System.

**FISCAL NOTE:** There is no unanticipated fiscal impact. A fiscal note is not required.

**REQUESTING** Purchasing **DIRECTOR'S**  
**DEPARTMENT:**for Management Services **AUTHORIZATION:** Vickie Schubert  
Office of Emergency  
Management; Financial  
and Administrative  
Services -  
Communications and  
Technology  
Management;

**FOR MORE INFORMATION CONTACT:** Vic Chanmugam, Sr. Buyer Specialist/974-2030

**PRIOR COUNCIL ACTION:** N/A

**BOARD AND COMMISSION ACTION:** N/A

**PURCHASING:** Sole Source.

**MBE / WBE:** This contract will be awarded in compliance with Chapter 2-9 of the City Code (Minority-Owned and Women-Owned Business Enterprise Procurement Program). No subcontracting opportunities were identified; therefore, no goals were established for this solicitation.

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This contract is for the purchase of supplemental software for the TriTech CAD system used in responding to 9-1-1 calls including:

- Fire/EMS ADAM
- CAD Analyst
- Box Area Response Builder (BARB) and the
- Move Up Module (MUM)

The software will extract data from the existing CAD System to more accurately answer management questions and among other things will do the following:

- Analyze current response time performance utilizing the historical database of incident and



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response information that are collected by TriTechCAD (including migration of Tiburon CAD data to a common data platform for use on selected projects requiring historical response info).

- Evaluate the effectiveness of current station locations and the impact of adding stations and moving apparatus.
- Ask "what if" performance questions to evaluate the impact of changes in the field before they are made.
- Examine the performance related impact of forced budget reductions.
- Formulate consolidation strategies and answers on how to keep an optimized field performance balanced.
- Evaluate staffing changes and what their impact will be based on analysis of recent historical incident patterns.
- Create easy-to-understand presentations that include maps showing the graphic impact of proposed changes in the field for meetings with budget officials and public groups, etc.
- Fully automates dispatch move-ups.
- Stop total dependence on pre-plans.
- Allow a view of live color-coded maps of current emergency resources to identify holes in system coverage.
- Equip dispatcher with move-up rationale.
- Analyze pre-plan effectiveness.
- Evaluate need for seasonal or calendar related adjustments to the field.
- Detect weakness of coverage patterns in the whole area of coverage.
- Evaluate business rules and best practices to ensure that they are complementary to optimization of resources.
- Provide solid, objective performance data to defend against second-guessing.