



Tulare County Health & Human Services Agency

John Davis, Agency Director

AGENDA DATE: June 06, 2006

Item No. _____

SUBJECT: Sole source procurement of the SWIPERS (Secure Wireless Inventory and Pharmaceutical Emergency Response System) for Tulare County Health & Human Services Agency (HHSA) Public Health Division.

REQUEST(S): That the Board of Supervisors:

1. Waive the competitive bidding requirements for the SWIPERS system and authorize the County Purchasing Agent to purchase the item as a sole source procurement.
2. Approve FY 2005/2006 budget adjustment as defined in the attached Budget Adjustment Form, AUD 308 (requires 4/5's vote).

SUMMARY: The California Department of Health Services (CDHS) is providing continued funding to carry out activities to upgrade local public health jurisdictions' preparedness for and response to bioterrorism, other outbreaks of infectious disease, and other public health threats and emergencies. On February 01, 2005, the Board of Supervisors ratified Tulare County Agreement No. 22199 for continued funding in FY 04/05 for the Bioterrorism Preparedness Program. In May of FY 04/05 the need to purchase SWIPERS was identified by the planning committee and was approved by CHDS.

HHSA was unable to purchase this system by the end of the grant year (08/31/06). Carry-forward of unspent funds from this grant to the FY 05/06 grant period (08/31/05-08/30/06) was recently approved by CDHS. HHSA is now requesting the County Purchasing Agent be authorized to purchase the SWIPERS system as a sole source procurement based on the compelling justification provided in attachments.

FINANCING: The estimated quote for this system is \$102,000. This purchase is fully grant funded and there is no net county cost to the County. The FY 05/06 budget will be adjusted as detailed in the attached Budget Adjustment Form.

ALTERNATIVES: Do not waive the competitive bidding process. Do not authorize the County Purchasing Agent to purchase SWIPERS as a sole source procurement. Do not approve the FY 2005/2006 budget adjustments as defined in the attached Budget Adjustment Form, AUD 308.

INVOLVEMENT OF OTHER DEPARTMENTS/AGENCIES: None

SIGNATURE REQUIREMENTS: None

ADMINISTRATIVE SIGN-OFF: _____

**BEFORE THE BOARD OF SUPERVISORS
COUNTY OF TULARE, STATE OF CALIFORNIA**

IN THE MATTER OF: Sole source procurement of the)
SWIPERS (Secure Wireless Inventory and Pharmaceutical)
Emergency Response System) for Tulare County Health)
Human Services Agency (HHSA) Public Health)
Division.)

Resolution No.:_____

Agreement No.:_____

UPON MOTION OF SUPERVISOR _____, SECONDED BY

SUPERVISOR _____, THE FOREGOING WAS ADOPTED BY THE

BOARD OF SUPERVISORS, AT AN OFFICIAL MEETING HELD June 06, 2006 ,

BY THE FOLLOWING VOTE:

AYES:

NOES:

ABSTAIN:

ABSENT:

ATTEST: C. BRIAN HADDIX
COUNTY ADMINISTRATIVE OFFICER/
CLERK, BOARD OF SUPERVISORS

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The Board of Supervisors hereby:

- 1 Waived the competitive bidding requirements for the SWIPERS system and authorize the County Purchasing Agent to purchase the item as a sole source procurement.
- 2 Approved FY 2005/2006 budget adjustment as defined in the attached Budget Adjustment Form, AUD 308 (requires 4/5's vote).

[illegible]



Tulare County Health & Human Services Agency

John Davis, Agency Director

Health Services Department ■ Ray Bullick, Director

May 8, 2006

RE: Justification for the sole source purchase of the Secure Wireless Inventory and Pharmaceutical Emergency Response System (SWIPERS).

The 2005 Public Health Preparedness and Response for Bioterrorism grant (Critical Capacity #4) required states to "describe the procedure that will be used to monitor, store, and manage large quantities of smallpox vaccine within smallpox response resources." In addition, the 2006 Public Health Emergency Preparedness Grant requires states to develop plans that will assure for the rapid distribution of selected medications, including the smallpox vaccine. The CDC Outcome 6E (Mass Prophylaxis and Vaccination) stipulates that "appropriate prophylaxis and vaccination strategies are implemented in a timely manner upon the onset of an event, with an emphasis on the prevention, treatment, and containment of the disease". Among the Required Critical Tasks are the requirements to:

- Decrease the time needed to dispense mass therapeutics and/or vaccines
- Ensure that smallpox vaccination can be administered to all known or suspected contacts of cases within 3 days and, if indicated, to the entire jurisdiction within 10 days
- Have or have access to a system to collect, manage, and coordinate information about the administration of countermeasures
- Decrease time to provide prophylactic protection and/or immunizations to all responders, including non-governmental personnel supporting relief efforts

To meet the requirements for CDC Preparedness Goal 6 - Outcome E, and compliance requirements of Public Health Informational Network (PHIN) Preparedness Functional Area 'Countermeasure and Response Administration' of the Public Health Emergency Preparedness Funding Grant, Tulare County HHSA is purchasing SWIPERS. SWIPERS is the only software designed to satisfy State, CDC and DHS requirements for the capture tracking of pharmaceutical and patient data in a bio-terrorism or mass casualty incident. Atlantic Management Center, Inc., is the sole manufacturer of the SWIPERS system, and is the only authorized dealer of SWIPERS in the country.

SWIPERS is an automated, wireless data management system that uses bar code and scannable technology. It will automate and expedite data collection and medication distribution functions of clinic operations that will be needed in the event of a mass casualty operation. SWIPERS is portable and can be set up easily to support treatment management at a Point of Dispensing (POD) setting during either an exercise or actual emergency event. SWIPERS technology will be utilized by the immunization program while conducting annual flu clinics to provide ongoing familiarity with the product to enhance staff's confidence and efficient use of the equipment in the event of an actual emergency.

Additionally, both Kern and Madera Counties, two of the state OES Region V partners, have also purchased SWIPERS as part of their emergency response preparedness systems. In the event of an actual emergency, it would be feasible to provide or receive mutual aid by expanding our individual SWIPERS with those of the neighboring counties using the identical system.



Ray Bullick
Director, Health Services Branch
Health & Human Services Agency
5957 So. Mooney Blvd.
Visalia, CA 93277

Dear Ray Bullick,

This letter is to certify that ADEPT Response, a Division of Atlantic Management Center, Inc is the sole manufacturer of the SWIPERS systems being deployed in the State of California for Pandemic, Bio-Terrorism and Mass Casualty response. ADEPT Response is the only authorized dealer of the SWIPERS software in the country as of May 3, 2006.

SWIPERS is the only software designed to satisfy State, CDC and DHS requirements for the capture tracking of pharmaceutical and patient data in a pandemic, bio-terrorism or mass casualty incident.

The state of California and CDC have requirements to track the overall supply chain in the initial deployment of the Strategic National Stock Pile's pharmaceuticals to the patient level. Many of the current systems used for inventory are antiquated and lack the capability for real time inventory accountability in the event of a mass casualty incident. The collection of this data as it relates to inventory, patient demographics and response analysis is critical to the overall success of SNS and the care of the afflicted victims.

This issue of data tracking becomes more compounded when you realize that in a mass casualty situation a dispensing site may be required to treat anywhere from 200 to 1200 patients per hour depending on the region of the incident.

SWIPERS is designed specifically for capturing and tracking pharmaceutical and patient data. SWIPERS collects basic patient demographic data in seconds using scanning and bar-coding technology. The system allows responders to build dynamic screening questionnaires and technology. SWIPERS is built on the Bio-Terrorism response model of registration, screening/consultation, dispensing/inoculation, evaluation, and discharge.

SWIPERS inventory function allows for the inventory of the pharmaceuticals to be monitored on a real time basis at all sites. Drugs are added to the inventory along with pertinent information (e.g., lot number and amount).

When the application is running the medication will be automatically deducted from the inventory when a dose is given and increased if more medication is added to the inventory. When the low inventory threshold is reached a notification to the dispensing site appears. This latter function allows the Pharmacist to monitor and shift supplies according to usage.

At the clinic level each dose of medication is added or deducted from the inventory as it is used. The system is also linked to the patient who received it and to the provider who administered it. In terms of data management and the ability to monitor treatment levels and the status of control efforts, this information is absolutely essential.

SWIPERS is the only available software that can serve both as the supporting software for the distribution of the SNS drugs while also serving as a patient management information system.


John E. Bell
CEO, President
ADEPT Response, a Division of Atlantic Management Center Inc.

Atlantic Management Center, Inc.

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