

CONSENT AGENDA
ITEM NO. 7

**CITY OF SAN ANTONIO
PURCHASING & GENERAL SERVICES DEPARTMENT
CITY COUNCIL AGENDA MEMORANDUM**

TO: Sheryl Sculley, City Manager

FROM: Janie B. Cantu, Director of Purchasing & General Services

SUBJECT: Bio-Surveillance and Data Monitoring Software

DATE: March 16, 2006

SUMMARY & RECOMMENDATION

This ordinance authorizes the Purchasing & General Services Department to accept the offer submitted by First Watch Solutions, Inc., a sole source vendor, to provide the City of San Antonio Fire Department with bio-surveillance software and system maintenance for a total of \$78,621.00, from the 2004 Metropolitan Medical Response System Grant Fund. Staff recommends approval of this ordinance.

BACKGROUND INFORMATION

Submitted for council consideration and action is a single source bid from First Watch Solutions, Inc. to provide the City of San Antonio Fire Department with bio-surveillance software and system maintenance for a total of \$78,621.00.

The Mayor's Office requested that the Office of Emergency Management oversee the development of a pandemic emergency response plan by the Metropolitan Health District to detect infectious events, rapidly identify pathogen, implement the necessary operational response plan(s), and provide the appropriate medical treatment to effectively manage and contain medical events. The plan needed to include the capability to monitor real-time emerging biological or natural disease threats based on information from citizen requests for emergency services and emergency medical unit feedback.

The Metropolitan Health District currently uses RedBat software for Syndromic Surveillance. This system has been in use for three years. The current system does not provide real-time surveillance, which is critical in identifying biological and natural diseases that can spread rapidly. The proposed surveillance system collects syndromic data, which are considered chief medical complaints from hospital emergency rooms in and around the San Antonio area and sends this data within predetermined time intervals up to twice a day to the central RedBat server for analysis and interpretation.

POLICY ANALYSIS


The purchase of this software will provide automatic monitoring and early detection of potentially threatening trends from bio-terrorism to natural diseases as they emerge. This web-interfaced software will integrate and monitor the EMS and Fire Sequel (SQL) server and mainframe emergency response data. In the future and as necessary, monitoring of Police SQL and mainframe emergency response data can be incorporated. Establishing a real-time system for continuous monitoring of 9-1-1 medical call for early warning signs and subsequent response to bio-terrorist acts, outbreaks, and casualties continues to be a major State and Federal goal.

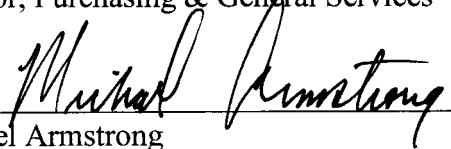
FINANCIAL IMPACT

The total cost of this contract is \$78,621.00. Funding will be from the 2004 Metropolitan Medical Response System Grant Fund. All expenditures will be in accordance with the FY2005-2006 Budget approved by City Council.


COORDINATION

This item has been coordinated with the City of San Antonio Fire Department's Office of Emergency Management, City Attorney's Office, and Information Technology Services Department.


for Janie B. Cantu, C.P.M.
Director, Purchasing & General Services


Michael Armstrong
Assistant City Manager/Chief Information Officer

Approved for Council Consideration:


Sheryl Sculley
City Manager

City of San Antonio
Contract Summary Sheet

Date 3-16-06

Agenda Item:

Name/Title (Caption as shown on agenda):

An ordinance accepting the offer submitted by First Watch Solutions, Inc., a sole source vendor, to provide the City of San Antonio Fire Department with bio-surveillance software and system maintenance for a total of \$78,621.00, from the 2004 Metropolitan Medical Response System Grant Fund.

Description of Item(s) and Use:

This ordinance will provide bio-surveillance equipment which includes data monitoring software, hardware, maintenance and technical assistance for a total of \$78,621.00.

Total : \$78,621.00

Bid Number and Title	06-070-AW Bio-Surveillance and Data Monitoring Software
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Contract Period	
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Method of Procurement	Single Source
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Price Trend	This is a one time purchase for this software. No previous price trend information is available.
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Contract Info: ☒ **_X_ Formal** ☐ **__Annual** ☐ **__Support/Maintenance** ☐ **__Lease**

Contractor(s):	First Watch Solution, Inc., 937 S. Coast Highway 101, Suite C201, Encinitas, CA 92024
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Previous Related Council Action(s):

Date:	
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Agenda Item #:	
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Anticipated Future Requirements and Actions:

Comments:

**Using Fire Department
Department:**

CITY OF SAN ANTONIO
BID TABULATION

BIO-SURVEILLANCE AND DATA MONITORING SOFTWARE

MLWN
FIRST WATCH SOLUTIONS, INC.
937 S. COAST HIGHWAY 101
SUITE C-201
ENCINITAS, CA 92024

<u>ITEM</u>	<u>DESCRIPTION</u>	<u>QTY</u>	<u>UNIT EACH</u>	<u>PRICE TOTAL</u>
1	FirstWatch® Thin Client Software License	1	\$34,120.00	\$34,120.00
2	Annual Maintenance Fee (Year 1)	1	\$6,142.00	\$6,142.00
3	Installation of FirstWatch® system	1	\$1,500.00	\$1,500.00
4	Integration of FirstWatch® w/SAFD CAD	1	\$4,000.00	\$4,000.00
5	Triggers	10	\$233.50	\$2,335.00
6	Triggers (Year 2)	10	\$233.50	\$2,335.00
7	Triggers (Year 3)	10	\$233.50	\$2,335.00
8	Integration w/ZDS EMS Pro	1	\$11,500.00	\$11,500.00
9	Annual Maintenance for ZDS EMS Pro Interface	1	\$2,070.00	\$2,070.00
10	Annual Maintenance for SAFD system (Years 2 & 3)	2	\$6,142.00	\$12,284.00

TOTAL **\$78,621.00**

TERMS NET 30

06-070/AW

JUSTIFICATION FOR SOLE SOURCE PURCHASE

This questionnaire has been designed to assist Staff in relating information necessary in the processing of requisitions for sole source/sole brand purchases

Name, manufacturer and model number of item(s) to be purchased: FirstWatch Real-Time Early Warning System ; First Watch Solutions, Inc.

1. Source selections:

- ☐ Sole Brand-available from more than one source
☒ Sole Source-available from only one source

Name of source: FirstWatch Solutions, Inc.

4. Brief description of research or other project for which item(s) will be used: It will be used to monitor EMS and Fire Dispatch information for trends that will signify a Bioterror attack.

5. Performance functions proprietary to the item(s): Only FirstWatch is designed to monitor disparate data sources and data types for Public Safety and Public Health from: 911, Computer Aided Dispatch (CAD), Electronic Patient Care Records (EPCR), Emergency Data (ED), nurse call triage, Poison Control Centers and Hospital Diversion data. Only FirstWatch currently processed between 5,000 and 6,000 real time public safety records daily, and that number grows as deployments grow. Only FirstWatch has a regional Flu Trigger that aggregates real time data from 6 States in the Midwest as well as a National Trigger, which aggregates data from different systems in 16 states.

6. Why proprietary performance functions are necessary to accomplishment of research/project goal: Only First Watch has a system that is currently in operation that allows users to control what is monitored, the alert thresholds, who will be notified for each separate alert category and how the notifications take place.

7. Will the item be used with existing equipment? ☒ Yes ☐ No
If yes - as a component to be interfaced with existing equipment ☒ Yes ☐ No
-give a brand and model number of existing equipment
Computer aided dispatch on the Main Frame
-as an accessory or option ☐ Yes ☐ No

8. Will training be required? ☐ Yes ☒ No
If so, how much? _____

9. Name other sources whose products have been evaluated and why they do not meet requirements: Real Time Outbreak & Disease Surveillance/RODS is geared towards hospitals and not first responders. Emergisoft ED is for Hospital Emergency Department use and does not include EMS dispatch data.

Kenneth M. D. V.
Originator's Signature/Date
7/1/05
Division's Authorized Signature/Date

Paul
Purchasing Authorized Signature/Date

If more space is needed, please attach additional page(s). (This form will be in effect for one year from date of purchasing authorized signature and must be attached to all requests for purchases.)