

**Council Meeting: June 29, 2010****SUBJECT: Award of Contract to Provide Ruggedized Notebook Computers for Department of Public Safety Patrol Cars (F0905-101)****BACKGROUND**

Approval is requested for the award of a contract in the amount of \$236,876, including applicable taxes, to Artemis Technology, LLC, of Santa Clara, to provide ruggedized notebook computers to be installed in Public Safety vehicles for Computer-Aided Dispatch and field reporting activities.

The Department of Public Safety currently has 42 Itronix GoBook III Ruggedized Mobile Data Computers in its patrol cars and other vehicles, scheduled to be replaced in 2010. The replacement computers will expand mobile communications and direct communications with Dispatch. Using the latest software the patrol vehicles, often the first responders on the scene, will be capable of receiving dispatch information, sending status changes, running queries and displaying maps from their vehicles. Information concerning prior incidents or hazardous situation at the location can also be accessed. Geographic and visual references highlighting the location of the incident, surrounding incidents and other units in the area can also be accessed. The current patrol car laptops cannot support this technology.

**DISCUSSION**

Because the units must perform well in patrol cars and other Public Safety vehicles, special hardware and mounting equipment are required as well as other special features, such as extra durable cases, comfortable and durable keyboards, backlit screens to facilitate 24-hour viewing in darkness, sunlight, etc., and touch screens. Although ruggedization makes the units more expensive than standard notebook computers, without it, they would be subject to damage from heat, vibration, etc.

DPS Personnel and Information Technology staff researched all ruggedized mobile data computers currently on the market. Based upon this initial research, three ruggedized computers appeared to be the most suitable for City use, including the General Dynamics GD8000, the Panasonic Toughbook and the Dell Latitude E6400XFR. The described units were evaluated and tested for operation compatibility.

After these field evaluations and discussions with actual users from other agencies, the evaluation team determined that the Dell Latitude E6400XFR most closely meets the City's needs for the following reasons:

- It meets all Police installation and usability requirements.
- Keyboard touch is similar to a full-stroke keyboard used with desktop computers.
- Backlighting of the keyboard exceeds that of the other units tested.
- Overall ergonomics for weight, carry handle, size, etc., are superior to the other two competitors.
- It is exceptionally durable and well-built.
- Service responsiveness was equal or superior to others tested.
- Warranty was equal or superior to others tested.
- Satisfaction of evaluated models was superior with selected product.

Based upon the extensive market research and field testing described above, bid documents were prepared which specified the Dell Latitude E6400XFR; and Invitation for Bids No. F0905-101 was advertised on the City's website and broadcast to potential suppliers through the DemandStar by Onvia public procurement network.

Sealed bids were received and publicly opened on June 16, 2010. One responsive and responsible bid was received from Artemis Technology, LLC.

Total bid pricing includes the purchase of 42 ruggedized computers and accessories, sales tax and a five-year warranty. City Fleet Maintenance staff will install the equipment; therefore, installation is not required or included.

### **FISCAL IMPACT**

Total cost to the City will be \$236,876, including sales tax. Budgeted funds are available in Information Technology Replacement Account 021603. The bid price represents a savings of approximately \$40,000 from budgeted replacement funds.

### **PUBLIC CONTACT**

Public contact was made by posting the Council agenda on the City's official-notice bulletin board outside City Hall, in the Council Chambers lobby, in the Office of the City Clerk, at the Library, Senior Center, Community Center and Department of Public Safety; posting the agenda and report on the City's Web site; and making the report available at the Library and the Office of the City Clerk.

**RECOMMENDATION**

It is recommended that Council award a contract to Artemis Technology LLC., in substantially the same form as the attached draft purchase order and in an amount not to exceed \$236,876, to furnish ruggedized notebook computers for the Department of Public Safety patrol cars.

Reviewed by:

Mary J. Bradley, Director of Finance  
Prepared by: Pete Gonda, Purchasing Officer

Reviewed by:

Cuong Nguyen  
Director, Information Technology

Reviewed by:

Don Johnson  
Director, Public Safety

Approved by:

Gary M. Luebbers  
City Manager

**Attachment**

Draft Purchase Order



<b>ORDERED FROM</b> 19348 - 001  Artemis Technology LLC 3000 Lakeside Dr Santa Clara CA 95054  (408) 940-3800	<b>ORDER DATE</b> 06/18/2010	<b>BILL TO:</b>  City of Sunnyvale Finance Department Accounts Payable PO Box 3707 Sunnyvale, CA 94088-3707
	<b>DELIVERY DATE</b> 07/30/2010	
	<b>PAYMENT TERMS</b> N/30	
	<b>BID NO/RFQ NO</b>	
<b>DELIVER TO</b> ITD/Information Technology Services  650 W Olive Ave Sunnyvale CA 94086 Phone: (408) 730-7557	<b>FOB POINT</b> DEST	<b>FREIGHT CHARGES</b> Destination, freight included in price
	<b>REQ. NO</b> RQ006516	<b>REQUISITIONER:</b> KHARTZMAN
	<b>CHARGE/OBJ CODE(S):</b> 021603 5050 <span style="float: right;">\$236,876.00</span>	

ITEM	DESCRIPTION	QTY	UNIT	UNIT COST	TOTAL
1	Provide rugged laptop computers and accessories for the DPS-Patrol Mobile Data Terminals project per Invitation For Bids F0905-101 specifications terms and conditons and vendors response.  Requisition Number: RQ006516  Awarded by City Council June 29, 2010 RTC# _____	36876.00	DLR	\$1.0000	\$236,876.00

<b>TOTAL</b>	<b>\$236,876.00</b>
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<b>BUYER:</b>	
Howard, Dreama	
<b>PHONE</b> (408) 730-7396	<b>FAX</b> (408) 730-7710