



## CITY COUNCIL STAFF REPORT

DATE: June 7, 2017

CONSENT CALENDAR

SUBJECT: AWARD PURCHASE OF MOBILE DATA TERMINALS

FROM: David H. Ready, City Manager

BY: J. Kevin Nalder, Fire Chief

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### SUMMARY

Onboard laptop computers, located on City fire apparatus, that provide responding fire crews with incident information including mapping, vehicle location of responding units, hydrant location, pre-plan and premise information are approaching fifteen years old. Technology has changed over that fifteen year period. Onboard laptop computers have been replaced with mobile data terminal (MDT's) technology that allows for two-way electronic communication and instant information updates. The Fire Department is requesting replacement of ten (10) onboard laptop computers with ten (10) Data 911 MDT's. The technology available in the MDT's will be instrumental in reducing response times and improving communications.

### RECOMMENDATION:

1. Approve the purchase of ten MDT's and related installation hardware from Broadcast Microwave Services/ Data 911 Products, of Poway CA in the amount of \$68,028.62 inclusive of all applicable taxes and shipping utilizing GSA Contract No. GS35F0259U. A special one-time package discount of \$2,500.00 is included in the price.
2. Authorize the City Manager to execute all necessary documents.

### STAFF ANALYSIS:

The Fire Department and Information Technology Department have selected Data 911 MDT's to replace the fifteen year old onboard laptop computers, located on City fire apparatus. After months of testing sample units, the decision was based on the capabilities and ability to withstand the extreme heat that a mobile computer is subjected to in the cab of the apparatus during the summer months in Palm Springs. Capabilities of Data 911 MDT's include a ruggedized touchscreen monitor that has

ITEM NO. 1.L.

MDT's will eliminate status radio traffic, freeing up air time for critical communication between responding units and the dispatch center, and will have the ability to withstand the extreme heat that a mobile computer is subjected to in the cab of the apparatus during the summer months in Palm Springs.


The Data 911 MDT's also support web-based auto vehicle location (AVL) of responding fire apparatus and police vehicles. Knowing where other responding units are located is instrumental to an incident commander in determining incident task assignments of incoming responders and assists in avoiding intersection and other possible collisions. The AVL also instantly queues best routing information, which saves time by eliminating the need to reference map books prior to responding. Additionally, the web based AVL tracks response speeds and travel time information used in post incident analysis. The touch screen is large and user-friendly so that premise information, hydrant locations and incident information can be quickly accessed even while wearing firefighter gloves. The monitor is warrantied for ten years, and the central processing unit can be replaced independently, without the need to replace the monitor.

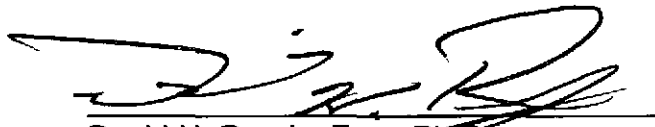
All ten (10) Data 911 MDT's need to be replaced simultaneously in order to provide consistency of information in all fire apparatus.

Based upon the analysis above, the Fire Department is requesting authorization to award the purchase under the provisions of the Procurement Ordinance, 7.09.010, where the City Council may authorize the acquisition of equipment through a joint powers or other cooperative purchasing program. In consultation with the Procurement and Contracting Manager, the desired equipment is available under one of the few Federal GSA contract schedules that local municipal governments are authorized to use cooperatively for the acquisition of this type of equipment. Specifically, GSA Schedule 70, under which Data 911 holds their contract and upon which the pricing is based, will likely be less than what we could obtain independently and allow the Fire Department to acquire and deploy the equipment more quickly.

FISCAL IMPACT:

There are sufficient funds in the Fire Department's Non-Capital Equipment Account (No. 001-3520-42490) to cover the purchase.

  
J. Kevin Nalder  
Fire Chief

  
David H. Ready, Esq. Ph.D.  
City Manager

Attachments: Quote from Data911



Quote Number:	119212
Printed Date:	06/01/2017
Ship Method:	
Assigned To:	

Broadcast Microwave Services/ Data911 Products  
 12305 Crosthwaite Cir.  
 Poway, Ca. 92064  
 (858) 391-3050

**Invoice to:**  
 Cory Gorospe  
 Palm Springs Fire Dept (CA)  
 300 North El Cielo Rd.  
 Palm Springs CA  
 United States

**Deliver to:**  
 Chief J. Kevin Naider  
 Palm Springs Fire Dept (CA)  
 United States

Qty	Part Number	Item Description	Unit Price	Ext Price
1.0000	Notes	Proposal based on GSA Contract No. GS35F0259U (Schedule 70). Contract No. must be referenced on purchase order. Includes shipping and 12 extra months of warranty on M7s for a total of 48 months from date of purchase.	\$0.0000	\$0.00
10	M8S10011	M8 System; Core i7, 8GB RAM, 128GB SSD, 12.1 inch Multitouch Display, Standard Keyboard, 36 Month Warranty	\$6,097.7300	\$60,977.30
10	MA10556	GPS Upgrade Kit--requires external antenna that can be quoted upon request	\$88.6600	\$886.60
10.0000	WV99000	Included! Track Your M8 for Free with Web AVL During the Warranty Period (See WebAVL Service Agreement for Details)	\$0.0000	\$0.00
10.0000	EW11412	Hardware Extended Warranty (additional 12 months included when purchasing on the GSA Contract for a total of 48 months from date of purchase) <i>Service Period: 12 Months For Product: Mobile Data System Service Level: Standard Warranty</i>	\$0.0000	\$0.00
10.0000	MT99999	HiNT mounting solution (same as provided for evaluation unit--other mounts available and can be quoted upon request) P/Ns: TM-5106 and AP-5120-D911-12 -Open Market Item	\$299.0000	\$2,990.00
10.0000	SH00006	Shipping (included when GSA Contract No. is listed on purchase order) <i>For Product: Data System Method: Ground</i>	\$0.0000	\$0.00
10.0000	CR99999	Special one-time package discount for new customer	-\$250.0000	-\$2,500.00
1.0000	Notes	Can they wait for M8 or do we need M7 CPU loaners to ship?	\$0.0000	\$0.00
<b>Subtotal</b>			<b>\$62,353.90</b>	
Not rated @ 0%			\$0.00	
USA: CA; Riverside County- 8.75 @ 8.75%			\$5,674.72	
<b>Total</b>			<b>\$68,028.62</b>	
Paid to date			\$0.00	

6/1/2017

Quote from Data911

Remit Purchase Order To:

*Pricing subject to prepayment or credit approval*

BMS/Data911

12305 Crosthwaite Cir.

Poway, Ca. 92064

sales@data911.com

F: (510) 865-9090