



Interoffice Memorandum

July 13, 2017

TO: Mayor Teresa Jacobs
and the Board of County Commissioners

FROM:  Carrie Woodell, Manager, Procurement Division

CONTACT: Kimberly Stewart-Horan, Division Chief, Fire Rescue Communications
407-836-9119

SUBJECT: Approval of Purchase Order M85590, Motorola MCC 7100 Dispatch
Console Communications System

ACTION REQUESTED:

Approval of Purchase Order M85590, Motorola MCC 7100 Dispatch Console Communications System with Motorola Solutions Inc. in the amount of \$224,843.

PROCUREMENT:

To provide Orange County Fire Rescue with a scalable and flexible system architecture, sophisticated network management, and security.

FUNDING:

Funding is available in the account number 1009 034 0657 6410.

APPROVALS:

The Fire Rescue Department concurs with this recommendation.

Approval of Purchase Order M85590, Motorola MCC 7100 Dispatch Console Communications System

DISCUSSION:

The Motorola radio consoles will provide the functionality and essential redundancy which is the sole purpose of the Disaster Recovery Site. Maintaining the operations during any adverse conditions or unforeseen emergency is essential to fulfill the public safety mission. The Motorola radio consoles are crucial to ensure not only the redundancy in the 911 systems, but the effectiveness of emergency communications overall.

Motorola's MCC 7100 Dispatch Console Communications System will provide Orange County Fire Rescue with a scalable and flexible system architecture, sophisticated network management and security. The existing dispatch console at the Forsyth Master Site will be used as the Link Op position for the remote MCC 7100 consoles. The Forsyth dispatch site is currently co-located with the master and will be reconfigured as a remote dispatch site by adding a GGM 8000 site router. This will enable the accommodation of the new PRX 7000 Proxy Server within this dispatch site. The proxy server is required by remotely connected MCC 7100 consoles. The MCC 7100 consoles will be installed at the Regional Computing Center. The complex proprietary hardware and software components of the MCC 7100 console, as well as the overall system design, are only sold and serviced by Motorola Solutions Inc. and prices are considered reasonable in comparison to the same equipment previously purchased.