



## MEMORANDUM

TO: Mayor and Council Members

FROM: Rey Arellano, Assistant City Manager

DATE: October 5, 2017

SUBJECT: Mobile Device Support for APD Body-Worn Cameras

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The purpose of this memorandum is to inform the Council of staff's intent to procure smartphones to support the deployment of body-worn cameras in the Austin Police Department (APD). This comes after careful examination of the fiscal and operational implications between using a smartphone and a lesser device.

Council will recall that on June 23, 2016, Council approved Resolution 20160623-058 for the purchase of smartphones and wireless phone services to enhance the functionality of body worn cameras. Once Council authorized the purchase, the iPhones were ordered and delivered to APD. Subsequently, with legal issues surrounding the procurement of body worn cameras, the iPhone purchase was canceled and APD returned the devices.

Since then, legal issues delaying the deployment have been resolved. Communications and Technology Management (CTM) and APD will soon begin the process of deploying 1,700 body-worn cameras, adding another device to the several items already carried by APD patrol officers. Besides the portable radio and officer-safety equipment, those devices and technologies include:

- Electronic ticket writer
- Secure authentication device for network access
- Evidence camera
- MiFi wireless access point device
- City-issued and/or personal cell phone (with associated City stipend)

An iPod Touch is included with the body worn camera package; however, after considering a number of factors, CTM and APD have determined that the most effective option is to outfit each officer with a smartphone – specifically, the iPhone – capable of consolidating and replacing the hardware used to manage some or all of the technologies listed above.

Issuing iPhones, in place of the iPod Touch originally intended for body-worn camera control, has the following benefits:

1. Reduces direct costs by an estimated \$560,000.00 over five years by consolidating several devices into one, and eliminating the need for WiFi network expansion at APD substations to support the iPod Touch:

iPod Touch / support 5-year total	\$5,670,000
iPhone / support and consolidation savings 5-year total	\$5,109,000
Estimated cost savings over 5 years	\$561,000

2. Allows for centralized and remote device management, including asset tracking and inventory, configuration, updates to security and operating systems, and the ability to disable the device should it be lost or stolen. By contrast, the iPod Touch cannot be centrally managed or updated, which provides no guarantee that software and operating-system versions will be current and secure. All software, operating system, and configuration updates would have to be performed by physically touching each of the 1,700 iPod Touch units.
3. Offers improved accuracy of location-based data due to built-in GPS, and improved data quality with use of menu-driven data entry.
4. Allows for immediate distribution of suspect identification and “Be On the Lookout” alerts, for improved officer safety.
5. Saves officer time for managing and categorizing videos and photos for evidentiary purposes.
6. Provides some mobile data capabilities to non-mobile data computer-equipped APD units (bicycle, mounted, walking).
7. Allows officers to complete more office-related tasks while remaining in the community.
8. Allows for secure access to corporate email.
9. Should provide future opportunity to access APD’s records management system.

CTM has funding available, already encumbered, in its FY17 operating budget to purchase 909 iPhones (of the 1,700 needed) to provide management and control of the new Axon body-worn cameras. CTM has an AT&T contract in place with the necessary spending authority. Costs for the equipment break down as follows:

AT&T contract	Quantity	Monthly	Annual
iPhone (current generation minus 1)*	909	\$ 49.99	\$ 599.88
Case	each	0	0
Data (unlimited, tethering)	each	0	0
Text (unlimited)	each	0	0
Talk (500 pooled minutes)	each	0	0
Airwatch Mobile Device Management	each	0	0
Spare devices (2% included)	18	0	0
<b>Total</b>	<b>927</b>	<b>\$ 45,440.91</b>	<b>\$ 545,290.92</b>
*iPhone 6S or 7S, also includes unlimited push-to-talk, unlimited mobile-to-mobile nights & weekends, national long distance and roaming, call waiting and forwarding, 3-way calling, caller ID, voicemail.			

Funding for the procurement of the remaining 791 smart phones will be requested during the FY19 budget process.

Based on the advantages detailed herein – in cost, security, manageability, functionality, data quality, and officer safety – staff will be procuring iPhones for control of body-worn cameras.

cc: Elaine Hart, Interim City Manager  
Mark Washington, Assistant City Manager  
Greg Canally, Interim Chief Financial Officer  
Brian Manley, Interim Police Chief  
Stephen Elkins, Chief Information Officer  
James Scarboro, Purchasing Officer