SUMMARY STATEMENT

ITEM NO. PATCO-15-001

SUBJECT: PATCO Upgrade to Automated Fare Collection System Devices and Money Room Software to Windows 7 Operating System

COMMITTEE: Operations and Maintenance

COMMITTEE MEETING DATE: January 7, 2015

BOARD ACTION DATE: January 21, 2015

PROPOSAL: That the Board authorizes staff to negotiate a contract with Cubic Transportation Systems, Inc. to upgrade the Automated Fare Collection System devices (Ticket Vending Machines, Ticket Office Terminals, Fare Gates, Parking Gates and Money Room Workstations) to the Windows 7 embedded operating system.

Amount: $1,259,473.00

Firm: Cubic Transportation Systems, Inc.
San Diego, CA

PURPOSE: The purpose of this contract is to upgrade the current XP embedded operating system to the Windows 7 operating system in all Automated Fare Collection (AFC) ancillary devices by contracting with Cubic Transportation Systems, Inc. to develop and install the upgraded device software.

BACKGROUND: The AFC System devices include Ticket Vending Machines (TVMs), fare and parking gates, Ticket Office Terminals (TOTs) and Money Room workstations to process cash received in the system. The station devices currently run an embedded Windows XP operating system. The Money Room Workstations currently use the Windows 2000 operating system. Microsoft no longer supports or creates patches for the 2000 and XP operating systems.

As part of PATCO’s ongoing Payment Card Industry compliance, PATCO is required to develop and maintain secure systems and applications. PATCO must ensure that all system components and software are protected from known vulnerabilities by installing applicable vendor supplied security patches. Microsoft’s lack of support for the current device operating systems necessitates an operating system upgrade.
The Payment Card Industry Data Security Standard (PCI-DSS) secures card holder data that is stored, processed or transmitted by merchants. As a merchant, PATCO must follow the standards and certify our process to PATCO’s bankcard acquirer.

The operating system is embedded in the device operating software to save on device memory.

Cubic Transportation Systems is the current manufacturer/integrator of PATCO’s AFC system and the only method of procurement for the proprietary software and device components. Staff has reviewed and evaluated Cubic’s proposal and determined it to be fair and reasonable.

SUMMARY:  
Amount: $1,259,473  
Source of Funds: 2013 Revenue Bonds  
Capital Project #: TE15XX  
Master Plan Status: N/A  
Other Fund Sources: N/A  
Duration of Contract: 1 year  
Other Parties Involved: N/A
RESOLUTION

RESOLVED: That the Board of Commissioners of the Port Authority Transit Corporation authorizes staff to negotiate a contract with Cubic Transportation Systems whereby Cubic will upgrade PATCO’s Automated Fare Collection device operating systems in the amount of $1,259,473 per the attached Summary Statement; and be it further

RESOLVED: The Chair, Vice Chair and the President must approve and are hereby authorized to approve and execute all necessary agreements, contracts, or other documents on behalf of PATCO. If such agreements, contracts, or other documents have been approved by the Chair, Vice Chair and President and if thereafter either the Chair of Vice Chair is absent or unavailable, the remaining Officer may execute the said document(s) on behalf of PATCO along with the President. If both the Chair and Vice Chair are absent or unavailable, and if it is necessary to execute the said document(s) while they are absent or unavailable, then the President shall execute such documents on behalf of PATCO.

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