

**Board Report**

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**File #:** 2015-1380, **File Type:** Contract**Agenda Number:** 16.

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**FINANCE, BUDGET AND AUDIT COMMITTEE  
OCTOBER 14, 2015****SUBJECT: TRANSIT ACCESS PASS (TAP) MOBILE PHONE VALIDATOR****ACTION: APPROVE CONTRACT MODIFICATION****RECOMMENDATION**

FINANCE, BUDGET AND AUDIT COMMITTEE RECOMMENDED (4-0) authorizing the Chief Executive Officer to execute Modification No. 5 to Contract No. PS30203139 with Axiom xCell, Inc. (Axiom) to **provide additional application functionality for the Fare Inspectors' phones**, which includes new features to improve security and application capabilities for an additional cost of \$354,000, and extend the monthly support services for an additional two years to November 29, 2017, in an amount of \$260,000. This modification would increase the total contract value by \$614,000, from \$447,975 to \$1,061,975.

**ISSUE**

The current contract with Axiom provides monthly service and technical support for the Mobile Phone Validator (MPV) application and it is due to expire on November 28, 2015. The MPV application is installed on 600 Samsung Galaxy S5 mobile phones and allows fare enforcement personnel to electronically query TAP cards to determine if riders are in compliance with Metro's fare policy.

**DISCUSSION**

The new MPVs allow fare enforcement personnel to perform the core duties of their assignment and have been used to check fare over 2 million times from the launch of the application in March 2015 through May 2015. Between March and June 2015, Metro Transit Court worked with LASD fare inspectors to test the application and began developing the requirements for additional functionality that this modification addresses. These requirements were sent to Axiom in June and TAP received the first technical response back late that month. On July 21, TAP received the first estimates for the contract modification that includes these improvements. The following enhancements to the MPV application, servers and system security are requested:

- Add a backup server to provide MPV support in case of a hardware failure.
- Add increased security features to further protect system sensitive information.
- Add a separate test server to test applications prior to their implementation.
- Modify the MPV application to provide interoperability with 3<sup>rd</sup> party applications (e.g., Bike Share and Parking Enforcement).
- Modify the sound and vibration features to allow enforcement personnel to validate fares without reading the MPV screen.

### **DETERMINATION OF SAFETY IMPACT**

The audible and tactile signal enhancements will allow fare enforcement personnel to validate fares without watching the screen. This will allow the inspector to pay more attention to their immediate surroundings thereby keeping both the inspector and our customers safer during fare inspections.

### **FINANCIAL IMPACT**

The \$225,000 required for FY16 is included in TAP Operations budget for FY16. The project manager and executive officer of TAP Operations is responsible for budgeting the remaining \$389,000 in future fiscal years.

#### Impact to Budget

The funding sources for \$225,000 are Prop C 40%, TDA Article 4 and fare revenues. These sources are eligible for operating and capital improvements for both bus and rail.

### **ALTERNATIVES CONSIDERED**

The Board could choose not to fund any of the enhancements to the MPV application, add a test server and/or continue the maintenance program. Extending the maintenance contract with Axiom through November 29, 2017, is critical to continued support of the program. Although the current system is functioning as designed, these enhancements will provide substantial improvements to the MPV system and its reliability.

### **NEXT STEPS**

Upon Board approval, staff will execute a contract modification with Axiom under Contract No. PS30203139 to extend the period of performance and to include new features to improve security and application capabilities.

### **ATTACHMENTS**

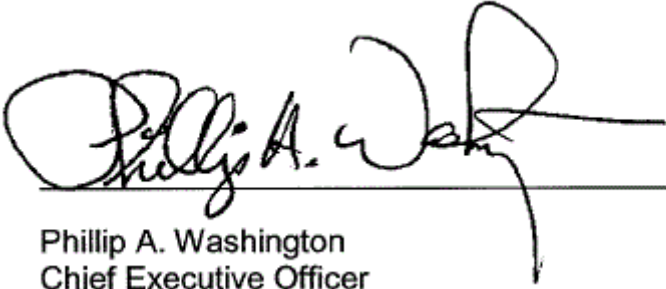
- Attachment A - Procurement Summary
- Attachment B - Contract Modification/Change Order Log

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Phillip A. Washington  
Chief Executive Officer

## PROCUREMENT SUMMARY

## TRANSIT ACCESS PASS (TAP) MOBILE PHONE VALIDATOR

1.	<b>Contract Number:</b> PS30203139		
2.	<b>Contractor:</b> Axiom xCell, Inc.		
3.	<b>Mod. Work Description:</b> Add enhancements, functionality and features; extend maintenance services to November 29, 2017		
4.	<b>Contract Work Description:</b> Mobile Phone Validator (MPV) for fare enforcement electronic query of TAP cards		
5.	<b>The following data is current as of:</b> September 9, 2015		
6.	<b>Contract Completion Status</b>		<b>Financial Status</b>
	<b>Contract Awarded:</b>	February 1, 2014	<b>Contract Award Amount:</b> \$348,018
	<b>Notice to Proceed (NTP):</b>	February 1, 2014	<b>Total of Modifications Approved:</b> \$99,957
	<b>Original Complete Date:</b>	July 28, 2015	<b>Pending Modifications (including this action):</b> \$614,000
	<b>Current Est. Complete Date:</b>	November 28, 2015	<b>Current Contract Value (with this action):</b> \$1,061,975
7.	<b>Contract Administrator:</b> Phyllis Walker		<b>Telephone Number:</b> (213) 922-6121
8.	<b>Project Manager:</b> Cary Stevens		<b>Telephone Number:</b> (213) 922-4401

**A. Procurement Background**

This Board Action is to approve Modification No. 5 to add additional application functionality and new features to improve security to the MPV. Maintenance services for the application will be extended through November 29, 2017.

This contract modification will be processed in accordance with Metro's Acquisition Policy and the contract type is a firm fixed price.

On February 1, 2014, Contract No. PS30203139 was awarded to Axiom to develop, test, and provide support for a software application for a handheld fare inspection device.

Attachment B shows four modifications are issued to date and one modification to be executed.

**B. Cost/Price Analysis**

The recommended price has been determined to be fair and reasonable based upon a cost analysis, technical evaluation, fact finding, an independent cost estimate and negotiations.

<b>Proposal Amount</b>	<b>Metro ICE</b>	<b>Negotiated Amount</b>
\$615,539	\$741,416	\$614,000

**CONTRACT MODIFICATION/CHANGE ORDER LOG**  
**TRANSIT ACCESS PASS (TAP) MOBILE PHONE VALIDATOR**

<b>Mod. No.</b>	<b>Description</b>	<b>Date</b>	<b>Amount</b>
1	Additional Application Coding	8/11/14	\$20,774
2	Administrative Change	11/03/15	\$0
3	Add Key Features and Application Coding	2/18/14	\$79,183
4	Extend Contract term	9/8/15	-0-
5	Add enhancements and features, and extend services to November 29, 2017	Pending	<b>\$614,000</b>
	<b>Total:</b>		<b>\$713,957</b>

## DEOD SUMMARY

## TRANSIT ACCESS PASS (TAP) MOBILE PHONE VALIDATOR

**A. Small Business Participation**

The Diversity and Economic Opportunity Department (DEOD) did not establish a Small Business Enterprise (SBE) goal for this solicitation; there were no apparent subcontracting opportunities. The project involved the development of software application for mobile phone validators. According to Metro's project manager, Axiom xCell is the only company that can modify the existing application. Axiom xCell, Inc. is an SBE Prime with 100% SBE participation.

<b>SMALL BUSINESS COMMITMENT</b>	<b>100% SBE</b>	<b>SMALL BUSINESS PARTICIPATION</b>	<b>100% SBE</b>
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	<b>SBE Firm</b>	<b>% Committed</b>	<b>Current Participation<sup>1</sup></b>
1.	Axiom xCell, Inc. (SBE Prime)	100%	100%
	<b>Total</b>	<b>100%</b>	<b>100%</b>

**A. Living Wage and Service Contract Worker Retention Policy Applicability**

The Living Wage and Service Contract Worker Retention Policy is not applicable to this modification.

**B. Prevailing Wage Applicability**

Prevailing wage is not applicable to this modification.