



## Board Report

File #: 2015-1804, File Type: Contract

Agenda Number: 6

**FINANCE, BUDGET AND AUDIT COMMITTEE****APRIL 13, 2016****SYSTEM SAFETY, SECURITY AND OPERATIONS COMMITTEE****APRIL 14, 2016****SUBJECT: UNIVERSAL FARE SYSTEM****ACTION: APPROVE CONTRACT MODIFICATION****RECOMMENDATION**

AUTHORIZE the Chief Executive Officer to execute contract modifications under Contract No. OP02461010 with Cubic Transportation Systems, Inc. (Cubic):

- A. Contract Modification No. 140 for the **purchase and installation of 54 TAP Vending Machines (TVMs) at key Metro stations**, in the amount of \$5,194,834; and
- B. Contract Modification No. 94.03 for **maintenance support services** of these 54 TVMs in the amount of \$838,211 through June 2019; increasing the total contract value by \$6,033,045 from \$253,351,430 to \$259,384,475. No additional funds are being requested for Contract Modifications 140 and 94.03.

**ISSUE**

Staff performed a study to identify key rail and bus locations that require TVMs. For rail stations, the study looked at ridership and the number of available TVMs. The study found that 29 stations needed 44 additional TVMs (refer to Attachment A), and the overall rail system needed 10 spares to replenish the stock of spares in order to adequately respond to future assignments based on customer demand. This TVM installation plan includes support to the Board approved Silver Line All Door Boarding pilot to ensure that customers have access to TAP cards and fare media.

**DISCUSSION**

The study consisted of analyzing daily sales data with in-service TVMs at stations along five (5) Metro Rail Lines and on the Metro Orange Line to determine stations that are in need of additional TVMs to support ridership demand and TVM usage. Staff also performed site surveys of the Silver Line bus stops from El Monte Transit Center to Harbor Gateway Transit Center to identify key bus stops where TVMs should be installed. Staff also recommends additional TVMs at rail stations near event venues such as Civic Center station serving Grand Park and at major transit hubs such as Patsaouras Plaza at Union Station.

The first TVM is anticipated to be installed and accepted in January 2017. The maintenance contract goes in effect 30 days following the installation. The projected maintenance cost is as follows: \$357,100 in (calendar) year 2017, \$317,100 in year 2018, and \$164,011 in year 2019. The Cubic maintenance contract ends June 30<sup>th</sup>, 2019. Staff is reviewing maintenance options to replace this contract.

### **DETERMINATION OF SAFETY IMPACT**

Additional TVMs at key rail stations, Silver Line bus stops, and at the Patsaouras Plaza positively impact safety on our system. Implementing additional TVMs improves the customer experience, and reduces wait times and customer queuing.

### **FINANCIAL IMPACT**

The Ticket Vending Machine Acquisition and Installation project (# 210134) has a Board authorized LOP of \$6.7 million. This is sufficient to absorb the \$5.2 million Contract Modification 140 for TVM purchase and installation. The infrastructure improvements required for the TVM installation along the Silver Line per Metro design criteria is estimated at \$650,000 which will also be absorbed in the same capital project LOP. These infrastructure improvements will be implemented using in-house resources and are not part of the Cubic contract modification.

The fiscal year 2016 funding requirement in the amount of \$1.5 million is included in cost center 3020 TAP Operations, project 210134 Ticket Vending Machine Acquisition. Fiscal year 2017 portion of \$2.5 million is requested as part of Metro's FY2017 Capital Program. The fund required in FY2017 is executed through the annual budget approval in May 2016. The \$1.2 million balance of the contract will be requested in FY2018. Since this is a multiyear contract, executive officer of TAP Operations and the project manager is responsible for budgeting for future year requirements.

No additional funds are required for FY16; LOP budget is not impacted by this recommendation.

### **Impact to Budget**

The funding source for equipment acquisition is Proposition C 40%. The maintenance cost will be funded by operating revenues which includes fare revenue. These sources are eligible for Metro bus and rail operations and capital improvements.

### **ALTERNATIVES CONSIDERED**

The Board may choose not to approve the purchase and installation of TVMs. This is not recommended as the Silver Line All Door pilot success relies on TVMs at Silver Line Stations and high volume stations are in need of TVMs to reduce queuing, improve the customer experience and improve access to TAP cards and fare media.

### **NEXT STEPS**

Upon approval by the Board, staff will execute Modifications No. 140 and No. 94.03 to Contract No.

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OP02461010 with Cubic Transportation Systems, Inc. for the purchase, installation, and maintenance services of 54 additional TVMs at key Metro stations.

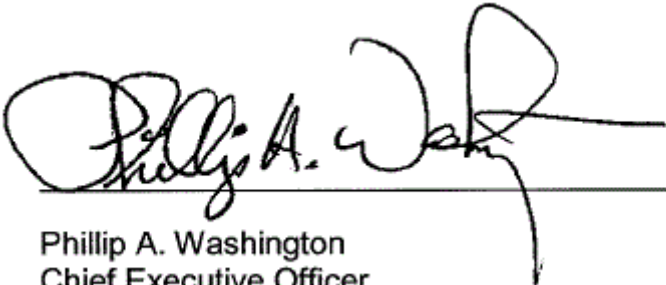
**ATTACHMENTS**

Attachment A - TVM Deployment Locations  
Attachment B - Procurement Summary  
Attachment C - Contract Modification / Change Order Log  
Attachment D - DEOD Summary

Prepared by: David Sutton, Executive Officer, TAP, (213) 922-5633

Reviewed By: Ivan Page, Interim Executive Director, Vendor/Contract Management, (213) 922-6383

Nalini Ahuja, Executive Director, Finance and Budget, (213) 922-3088



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Phillip A. Washington  
Chief Executive Officer

## ATTACHMENT A

## TVM Deployments

Stations	Existing TVMs	Number of Additional TVMs to be Installed	Average Daily Transactions per TVM	Approximate Installation Schedule (Calendar Year)	Comments	
Silver Line - Harbor Gateway TC	2	2	0	1st quarter of 2017	Support All-Door Boarding Project	
Silver Line - Rosecrans	0	2	0	1st quarter of 2017		
Silver Line - Manchester	0	2	0	1st quarter of 2017		
Silver Line - Slauson	0	1	0	1st quarter of 2017		
Silver Line - 37th Street	0	1	0	1st quarter of 2017		
Silver Line - USC Medical Center	0	1	0	1st quarter of 2017		
Silver Line - CSULA	0	1	0	1st quarter of 2017		
Silver Line - El Monte TC	4	2	0	1st quarter of 2017		
Patsaouras Bus Plaza	0	1	0	2nd quarter of 2017	High demand; customer convenience	
Vignes/Chavez Bus Stop	0	1	0	2nd quarter of 2017		
Orange Line - Canoga	6	2	0	2nd quarter of 2017	Support new entrance	
MRL Hollywood/Highland	5	2	444	2nd quarter of 2017	In order of Average Daily TVM Transactions per Day (High to Low)	
MRL North Hollywood	7	3	421	2nd quarter of 2017		
MRL Hollywood/Vine	3	2	380	2nd quarter of 2017		
MBL Artesia	2	3	377	2nd quarter of 2017		
MRL Vermont/Beverly	2	2	356	2nd quarter of 2017		
MRL Universal City	4	1	331	2nd quarter of 2017		
MBL Pacific Coast Highway	2	1	322	2nd quarter of 2017		
MRL Hollywood/Western	3	2	321	3rd quarter of 2017		
MBL 103 <sup>rd</sup> Street	2	1	317	3rd quarter of 2017		
MBL Compton	3	1	317	3rd quarter of 2017		
MBL Firestone	2	1	293	3rd quarter of 2017		
MRL Wilshire/Vermont	4	1	282	3rd quarter of 2017		
MRL Westlake/MacArthur Park	5	2	276	3rd quarter of 2017		
MRL Wilshire/Normandie	2	1	258	3rd quarter of 2017		
MBL Del Amo	3	1	255	3rd quarter of 2017		
MBL Vernon	2	1	254	3rd quarter of 2017		
MRL Wilshire/Western	3	2	253	4th quarter of 2017		
MRL Civic Center	5	1	150	4th quarter of 2017		Support Special Events at Grand Park
<b>Subtotal</b>		<b>44</b>				
Spare TVMs	0	10				
<b>Total:</b>		<b>54</b>				

**Note:** The goal is to reduce the average daily transactions to 250 per TVM.

## PROCUREMENT SUMMARY

## UNIVERSAL FARE SYSTEM / OP02461010

1.	<b>Contract Number:</b> OP02461010		
2.	<b>Contractor:</b> Cubic Transportation Systems, Inc.		
3.	<b>Mod. Work Description:</b> Procurement, Installation, and Maintenance of 54 TVMs		
4.	<b>Contract Work Description:</b> Universal Fare System		
5.	<b>The following data is current as of:</b> March 21, 2016		
6.	<b>Contract Completion Status</b>		<b>Financial Status</b>
	<b>Contract Awarded:</b>	2/20/02	<b>Contract Award Amount:</b> \$84,003,444
	<b>Notice to Proceed (NTP):</b>	3/7/02	<b>Total of Modifications Approved:</b> \$169,347,986
	<b>Original Complete Date:</b>	9/1/07	<b>Pending Modifications (including this action):</b> \$6,033,045
	<b>Current Est. Complete Date:</b>	7/1/20	<b>Current Contract Value (with this action):</b> \$259,384,475
7.	<b>Contract Administrator:</b> Richard Chiou		<b>Telephone Number:</b> (213) 922-7074
8.	<b>Project Manager:</b> David Sutton		<b>Telephone Number:</b> (213) 922-5633

**A. Procurement Background**

This Board Action is to approve Contract Modification No. 140 to procure, install, and maintain 54 Ticket Vending Machines (TVMs) at key Metro station locations, as specified in Attachment A, and Contract Modification No. 94.03 for the maintenance support services of these 54 TVMs.

These Contract Modifications will be processed in accordance with Metro's Acquisition Policy and the contract type is a Firm Fixed Price.

On February 20, 2002, Contract No. OP02461010 was awarded by the Metro Board. The Contract provides countywide fare collection system to serve Metro's public transit customers. The Contract was issued on March 7, 2002 to Cubic Transportation Systems, Inc.

A summary of Contract Modifications, including these Modifications, is provided in Attachment C, Contract Modification/Change Order Log.

## **B. Cost/Price Analysis**

The recommended price has been determined to be fair and reasonable based upon cost analysis, independent cost estimate, technical evaluation, contractual unit prices, MASD audit, fact finding, and negotiations.

<b>Modification No.</b>	<b>Proposal Amount</b>	<b>Metro ICE</b>	<b>Negotiated Amount</b>
140	\$5,222,146	\$5,391,061	<b>\$5,194,834</b>
94.03	\$838,211	\$1,055,225	<b>\$838,211</b>
Total	\$6,060,357	\$6,446,286	<b>\$6,033,045</b>

## CONTRACT MODIFICATION/CHANGE ORDER LOG

## UNIVERSAL FARE SYSTEM / CONTRACT NO. OP02461010

Mod. No.	Description	Status	Date	Amount
1	Table X-1 Milestone Changes	Approved	8/19/2002	\$0.00
2	Ticket Vending Machine Soft Keys	Approved	9/4/2002	\$0.00
3	San Fernando Valley BRT, Additional Quantities	Approved	4/13/2004	\$7,454,844
4	Modification to General Conditions	Approved	10/8/2002	\$0.00
5	TVM Third Coin Hopper	Approved	8/22/2003	\$416,858
6	Stand Alone Validator Video Clips	Approved	3/3/2003	\$0.00
7	Gold Line Functional Test Waiver	Approved	2/13/2003	\$0.00
8	Languages Supported	Approved	2/13/2004	\$0.00
9	Modifications to Compensation & Payment	Approved	2/20/2003	\$0.00
10	Smart Card to Smart Card Value Transfer	Approved	3/3/2003	\$0.00
11	SCADA Cable Installation on Gold Line	Approved	3/3/2003	\$48,476
12	Gold Line Functional Test Waivers	Approved	4/8/2003	\$0.00
13	Farebox Coin Dejam	Approved	4/8/2003	\$0.00
14	Change in Milestone Schedule	Approved	4/16/2003	\$0.00
15	Time Extension, Gold Line	Approved	7/1/2003	\$0.00
16	Change from Datastream MP5 to Express Metrix	Approved	7/1/2003	\$0.00
17	Final Design Review, changes in CDRLS	Approved	7/18/2003	\$0.00
18	Deletion of Printer from Hand Held Validator	Approved	1/6/2004	-\$35,252
19	Variable Message Sign	Approved	2/19/2004	\$243,828
20	Changes to Compensation and Payment	Approved	4/7/2004	\$0.00
21	PCMCIA Card Slot use for WAN	Approved	4/13/2004	\$0.00
22	Data Transmission System	Approved	6/22/2004	\$675,000
23	Mifare Card Initialization and Verification	Approved	6/8/2004	\$9,629
24	Farebox Mounting Adapter for NABI Buses	Approved	7/9/2004	\$32,485
25	Provide Regional CDCS	Approved	2/25/2005	\$5,348,335
25.01	Regional CDCS Overhead Rate Adjustment	Approved	1/17/2007	-\$31,621
25.02	Regional CDCS Acceptance Test Participants	Approved	8/7/2008	\$0.00
26	Remove Requirement for Focus Groups	Approved	12/20/2004	-\$111,704
27	Farebox Rotation	Approved	1/4/2005	\$74,967
28	Metro Gold Line Eastside Extension, Fare Equipment	Approved	7/25/2006	\$3,808,722

29	Stainless Steel Panels for TVM Alcoves	Approved	4/25/2005	\$45,521
30	Data Communication Cabling for Orange Line	Approved	6/10/2005	\$41,560
31	(Not Used)			
32	Additional Spare Part Quantities for Eastside Ext.	Approved	7/25/2005	\$15,480
33	Mifare Card Functionality on UFS	Approved	8/15/2005	\$33,105
34	Revisions to Project Schedule	Approved	10/26/2000	\$0.00
35	OCU Mount	Approved	11/15/2005	\$87,634
36	(Not Used)			
37	Deductive Change for Line 1.36	Approved	4/6/2007	-\$33,116
38	Installation of Third TVM and Relocation of Two SAVs and Blue Line Willow Station	Approved	7/6/2006	\$10,084
39	Upgrade the CDCS System from IB SSA Disk Storage Subsystem to Fiber Disk	Approved	10/2/2006	\$20,000
40	UFS Equipment for Expo Line	Approved	2/16/2007	\$5,197,204
41	(Not Used)			
42	(Not Used)			
43	HHV, PMOS and CPOS Interim Maintenance Deductive Change	Approved	2/16/2007	-\$162,628
44	UFS Additional Quantities for Contracted Services	Approved	2/16/2007	\$2,499,916
45	Replace Go-Cards with Mi-Fare Cards	Approved	2/16/2008	-\$1,157,850
46	Relocation of Data Probes and Receive Vaults at Division 7	Approved	4/9/2007	\$29,787
47	Revisions to US Base and Regional Manuals for Release to ACS	Approved	4/23/2007	\$46,000
48	Expo Line, Pico Station Infrastructure	Approved	7/18/2007	\$18,542
49	Relocation of UFS Lab Equipment	Approved	6/2/2008	\$106,905
50	Expo 7 <sup>th</sup> and Metro Additional Infrastructure	Approved	8/30/2007	\$81,719
50.01	Expo 7 <sup>th</sup> and Metro Infrastructure Deductive change	Approved	8/30/2007	-\$30,173
51	Handheld Validator Holster	Approved	10/16/2007	\$6,184
52	Installation and Testing of Farebox at Transportation Concepts	Approved	3/6/2008	\$16,091
53	Relocate OCUs on Ford Cutaways and MST Buses at Contracted Services	Approved	5/14/2008	\$79,170
54	Installation of one Farebox and Testing for two Fareboxes at Contracted Services	Approved	5/27/2008	\$18,842
55	UFS Quantity Adjustments	Approved	10/9/2008	\$0.00
56	Contracted Bus Service Equipment Change	Approved	12/3/2008	\$36,704
57	Installation and Acceptance Testing of One Farebox at First Transit	Approved	12/19/2008	\$3,040



58	Provide UFS Equipment for Expo from Culver City to Venice/Robertson Aerial Station	Approved	3/4/2009	\$304,246
59	Regional CDCS Electrical Power Reconfiguration	Approved	2/9/2009	\$17,186
60	Rail Equipment Warranty and Bus Equipment Warranty	Approved	2/19/2009	\$0.00
61	TAP Enables Turnstile Fare Gates for Rail Stations	Approved	4/9/2009	\$10,000,000
62	Provide UFS Equipment for Expo Truesdale Station	Approved	3/4/2009	\$284,167
63	System Support Services	Approved	6/8/2010	\$33,988,558
63.01	SSS, Additional Costs	Approved	3/22/2013	\$677,631
63.02	SSS, Orange Line Credits	Approved	3/22/2013	-\$58,243
63.03	SSS, One-year Extension	Approved	3/22/2013	\$8,148,263
64	\$5 Dollar Bill handling Unit for Fareboxes and TVMs	Approved	7/27/2009	\$304,658
65	Installation of Additional SAVs for Eastside Extension	Approved	1/4/2010	\$34,077
66	Relocation of Wing Gate at MRL Wilshire/Normandie Station	Approved	2/2/2010	\$18,905
67	(Not Used)	Approved		
68	UFS Equipment for Orange Line Extension	Approved	11/2/2010	\$2,749,476
68.01	Transfer Maintenance Dollars to 63.01	Approved	1/25/2013	-\$677,631
68.02	UFS Equipment for Orange Line Extension, Credits	Approved	3/22/2013	-\$10,982
69	Additional TVM at Aviation Greenline Station	Approved	4/2/2010	\$13,031
70	TAP Card Physical Testing	Approved	4/28/2010	\$41,844
70.01	TAP Card Physical Testing	Approved	3/22/2013	\$12,658
71	Concession Light Functionality	Approved	6/30/2010	\$96,726
72	(Not Used)	Approved		
73	API Test Server Imaging	Approved	9/9/2010	\$45,024
74	Contract Services Relocation	Approved	11/1/2010	\$33,854
75	Limited Function Sales Office Terminals, Increase Quantity	Approved	2/15/2011	\$993,795
76	CISCO ASA Acquisition and Implementation for API Test and Production Servers	Approved	2/28/2011	\$59,209
77	Cubic LU Key Installation	Approved	3/3/2011	\$69,097
78	Updates Farebox Configuration to Support ARUB Wireless Security Data Transfer	Approved	3/3/2011	\$40,204
79	Relocation of UFS Test Lab Equipment	Approved	4/25/2011	\$80,911
80	7 Byte UID Support	Approved	4/20/2011	\$362,069
81	Fare Gate Fencing Installation	Approved	4/25/2011	\$24,004

	Modifications, North Hollywood and Avalon Stations			
82	Additional TVM at Hollywood/Western Redline Station	Approved	4/25/2011	\$15,531
83	Purchase Drive Control Unit Light Validators DCU-LV	Approved	4/25/2011	\$363,492
84	Install TVMs at Three Metro customer Centers	Approved	6/6/2011	\$386,680
85	Cubic Modification to Gate Software/Locking Commands	Approved	6/29/2011	\$111,188
86	UFS Equipment for Expo Phase I Farmdale Station	Approved	7/26/2011	\$415,184
87	Relocation of TVMs at the Green Line Long Beach Station	Approved	8/25/2011	\$15,909
88	Mobile Validator Non-Recurring Engineering System Development	Approved	10/12/2011	\$611,677
89	Expo Pico Station North Platform TVM/SAV Work	Approved	3/5/2012	\$17,592
90	Deletion of Contract Line Items 1.03, 1.04 & 1.33	Approved	2/15/2012	-\$20,622
91	Orange Line Installation of 12 Metro Provided SAVs	Approved	2/15/2012	\$34,483
92	(Not Used)			
93	(Not Used)			
94	System Support Services, Six Year Extension	Approved	7/1/2013	\$55,000,000
94.01	(Not Used)			
94.02	System Support Services for Expo II and Foothill Extension	Approved	3/2/2015	\$1,152,749
95	UFS Equipment Storage Costs	Approved	6/13/2012	\$4,129
96	Faregating, Three Additional Swing Gates	Approved	2/4/2013	\$44,611
97	Green Line Faregating Additional Fire Key Switches at Vermont Station	Approved	4/1/2013	\$8,392
98	Emergency Swing Gate Upgrades	Approved	4/15/2013	\$252,145
99	Removal of TVM from Wilshire/LaBrea Customer Center	Approved	10/8/2013	\$4,883
100	Supplying and Supporting a Turn Key Mobile Validator System	Approved	7/1/2013	\$2,996,113
101	Bus Division Vault Relocation	Approved	8/1/2013	\$995,940
102	Install One TVM at East Portal Customer Service Center and One at Culver City Station	Approved	10/8/2013	\$252,905
103	El Monte Bus Facility TVMs	Approved	10/15/2013	\$474,753
104	Fare Gate Consoles for Expo 2, Colorado/4 <sup>th</sup> Street Station	Approved	5/26/2014	\$380,000
105	TVM and SAV Relocations	Approved	12/16/2013	\$1,456,632

106	Modification to Nextfare to Allow For Segregation of Facility Specific Data	Approved	1/29/2014	\$647,869
107	Passback Modification	Approved	2/18/2014	\$70,301
108	UFS PCI Compliance	Approved	10/23/2014	\$9,015,319
109	Service Provider Support	Approved	6/14/2014	\$66,777
110	Autoload Segregation by Muni	Approved	6/30/2014	\$111,707
111	SAV Three Distinct Tones	Approved	8/4/2014	\$46,634
112	Modify TAP Vending Machine to Improve Purchases	Approved	8/4/2014	\$250,000
113	ADA TVM Upgrades for CN No. 162 and 150 Replacement TVMs	Approved	8/5/2014	\$416,815
114 A	UFS Equipment for Gold Line Foothill Extension	Approved	8/25/2014	\$1,878,756
114 B	UFS Equipment for Expo Phase	Approved	8/25/2014	\$3,783,200
115	FBX External Interface Spec Changes	Approved	8/19/2014	\$20,488
116	Willowbrook Station Blue Line SAVs	Approved	11/19/2014	\$62,882
117	TAP-In, TAP-In, Transfer Gate	Approved	11/19/2014	\$88,598
118	Virtual Gate Arrangement of SAVs at Gold Line Union Station Entrance	Approved	11/19/2014	\$84,964
119	Conversion of Expo 1 Aerial Stations to Fare Gates	Approved	3/2/2015	\$3,077,952
120	Change in Service Level Agreement for TVM & GC Network Additions at No Cost	Approved	3/2/2015	\$0
121	Emergency Swing Gate External Alarm Mode	Approved	11/19/2014	\$0
122	Installation of Colorado & 4 <sup>th</sup> Faregates & ESGs	Approved	3/2/2015	\$163,143
123	OCDC Replacement Equipment Software and Installation	Approved	5/12/2015	\$681,068
124	Expo One Claim No. 1 Settlement	Approved	5/26/2015	\$19,648
125	UFS Global Network, Change for Credit/Debit Processing at TVM	Approved	5/12/2015	\$52,735
126	Metrolink Integration Support	Approved	5/12/2015	\$56,073
127	Metro Network Assistance	Approved	5/12/2015	\$48,758
128	Division 13 Bus Operations TVMs	Approved	5/12/2015	\$99,401
129	Fare Equipment Changes at MRL North Hollywood Station	Approved	5/12/2015	\$577,401
130	Installation of Additional TVM at MRL Civic Center Station North Entrance	Approved	7/15/2015	\$21,593
131	Relocate One TVM From Hawthorne to Hollywood	Approved	9/2/2015	\$31,983
132	Service Provider Support – Deductive Change (Mod 109)	Approved	6/13/2015	-\$66,777
133	Additional Emergency Swing Gate for Expo 2	Approved	6/3/2015	\$10,970
134	Metrolink Support for LU Encoding	Approved	10/7/2015	\$13,666

135	Emergency Swing Gate Hinge Post Substitution at Expo 2 Bundy Station – No Cost Change	Approved	10/21/2015	\$0
136	Relocation of TVMs at MGL Artesia Station	Pending		\$0
137	(Not Used)			
138	Vertiba Support (Salesforce – CRM)	Approved	8/20/2015	\$9,671
139	Regional Inter Agency Transfer Policy Change	Approved	1/21/2015	\$435,000
<b>140</b>	<b>54 TVMs, purchase and install</b>	<b>Pending</b>		<b>\$5,194,834</b>
<b>94.03</b>	<b>Maintenance Support Services for 54 TVMs</b>	<b>Pending</b>		<b>\$838,211</b>
	<b>Modification Total:</b>			<b>\$175,381,031</b>
	<b>Original Contract:</b>			<b>\$84,003,444</b>
	<b>Total:</b>			<b>\$259,384,475</b>

DEOD SUMMARY

UNIVERSAL FARE SYSTEM / OP02461010

**A. Small Business Participation**

Cubic Transportation Systems, Inc. made a 5.65% Disadvantaged Business Enterprise (DBE) commitment for this contract. The project is 96.52% complete and the current DBE participation is 8.17%, which exceeds their DBE commitment.

<b>Small Business Commitment</b>	<b>DBE 5.65%</b>	<b>Small Business Participation</b>	<b>DBE 8.17%</b>
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	<b>DBE Subcontractors</b>	<b>Ethnicity</b>	<b>% Committed</b>	<b>Current Participation<sup>1</sup></b>
1.	American Alloy Fabrication	Caucasian Female	0.25%	0.56%
2.	Lows Enterprises	African American	0.13%	0.06%
3.	TechProse	Caucasian Female	0.41%	0.11%
4.	Robnett Electrical	African American	2.53%	6.45%
5.	Priority Manufacturing (GFI)	Caucasian Female	0.93%	0.33%
6.	J-Tec Metal Products	Hispanic American	0.13%	0.06%
7.	KLI, Inc.	Asian Pacific American	0.25%	0.16%
8.	Kormex Metal Craft	Asian Pacific American	1.02%	0.44%
	<b>Total</b>		<b>5.65%</b>	<b>8.17%</b>

<sup>1</sup>Current Participation = Total Actual amount Paid-to-Date to DBE firms ÷ Total Actual Amount Paid-to-date to Prime.

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

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

**C. Prevailing Wage Applicability**

Prevailing Wage requirements are applicable to this project. DEOD will continue to monitor contractors' compliance with the State of California Department of Industrial Relations (DIR), California Labor Code, and, if federally funded, the U S Department of Labor (DOL) Davis Bacon and Related Acts (DBRA). Trades that may be covered include: surveying, potholing, field, soils and materials testing, building construction inspection and other support trades.

**D. Project Labor Agreement/Construction Careers Policy**

Project Labor Agreement/Construction Careers Policy is not applicable to this contract.