

**Metro**Los Angeles County
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metro.net**SYSTEM SAFETY, SECURITY & OPERATIONS COMMITTEE
OCTOBER 16, 2014****SUBJECT: 550 CNG BUS CONTRACT****ACTION: INSTALL VIDEO MONITORS ON NEW FLYER BUSES****RECOMMENDATION**

Authorize the Chief Executive Officer to execute Modification No. 6 to Contract No. OP33202869 with New Flyer of America, Inc. to provide installation of two Video Monitors displaying images captured and recorded by two of the nine on-board cameras. This change will affect the last 128 of the 550 bus order in the amount of \$466,054. There is no increase to the life-of-project budget as project funding is available to cover this expense.

ISSUE

Displaying on-board video images above the Operator's seat and in the front passenger area reminds customers that their safety and security is the top priority. A pilot program testing these monitors on three New Flyer buses has been ongoing for several months. The comments and feedback from the Bus Operators have been very positive. The new monitors enhance passenger safety, awareness and on-board security.

DISCUSSION

In January 2013, the Board approved contract OP33202869. Each of these buses was equipped with nine video cameras and associated recording equipment. The addition of these two new monitor displays is a reminder to all passengers that security on Metro's buses is present and that safety and security is an important element of the service Metro provides.

The three buses equipped with the monitors have been deployed on a line with a high rate of fare avoidance and Operator conflict. Feedback from the Operators with assignments on this line indicates a significant reduction in both fare avoidance and Operator conflicts.

Staff used its current delegated contract change authority to issue a Limited Notice to Proceed in July 2014 in the amount of \$498,824 for installation of the two new video monitors on a total of 140 buses including the three pilot buses. This is the maximum contract change authority without Board approval. With this action, staff is requesting authorization to install the new video monitors on remaining 128 buses of the 550 bus order, for a total of 268 buses equipped with the new video monitors.

FINANCIAL IMPACT

The funding of \$466,054 for this modification is included in the current Life Of Project budget in Cost Center 3320, Vehicle Technology, under project 201056, 550 CNG Bus Buy.

Since this is a multi-year contract/project, the Cost Center Manager and General Manager will be accountable for budgeting the cost in future years, including any option exercised.

Impact to Budget

There is no additional impact to the current budget as funds are allocated within the approved Life of Project budget. A funding/expenditure plan is included (Attachment C).

ALTERNATIVES CONSIDERED

Staff considered a more extensive upgrade to the existing video recording system; however, because it did not provide the awareness we achieve by providing these two monitors, this alternative it is not recommended.

Staff will continue to evaluate the effectiveness of the on-board security systems and recommend future changes as necessary.

NEXT STEPS

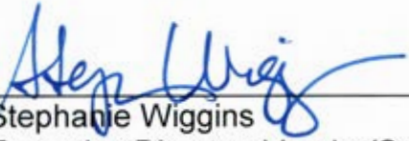
If this action is approved, staff will issue Notice to Proceed to New Flyer of America, Inc. In addition, staff will evaluate the existing bus fleet to determine the feasibility and cost for a fleet wide installation and retrofit program.

ATTACHMENTS

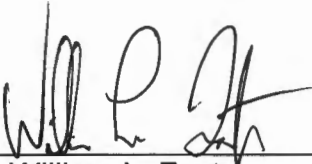
- A. Procurement Summary
- B. Contract Modifications
- C. Funding / Expenditure Plan

Prepared by: Richard Hunt, General Manager – Transit Capital Programs

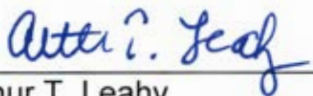
Questions: Christopher Reyes, Senior Administrative Analyst, Operations
(213) 922-4808



Stephanie Wiggins
Executive Director, Vendor/Contract
Management



William L. Foster
Interim Chief Operations Officer



Arthur T. Leahy
Chief Executive Officer

PROCUREMENT SUMMARY

550 CNG BUS CONTRACT/MODIFICATION NO. 6

1.	Contract Number: OP33202869		
2.	Contractor: New Flyer of America, Inc.		
3.	Mod. Work Description: Installation of Live Video Monitoring System on 128 Production Vehicles		
4.	Contract Work Description: 550 Bus Buy		
5.	The following data is current as of: 7/30/14		
6.	Contract Completion Status		Financial Status
	Contract Awarded:	2/1/13	Contract Award Amount: \$302,094,178
	Notice to Proceed (NTP):	2/1/13	Total of Modifications Approved: \$1,099,116
	Original Complete Date:	7/31/15	Pending Modifications (including this action): \$964,878
	Current Est. Complete Date:	7/31/15	Current Contract Value (with this action): \$304,158,172
7.	Contract Administrator: Joe Marzano		Telephone Number: (213) 922-7014
8.	Project Manager: John Drayton		Telephone Number: (213) 922-5882

A. Procurement Background

This Board Action is to approve modification no. 6 issued in support of installation of a Live Video Monitoring System on 128 production buses included in the 550 Base Vehicle Buy.

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

On January 24, 2013, Metro's Board of Directors approved Board Agenda Item No. 54, to New Flyer of America, Inc., in the amount of \$302,094,178, for manufacturing and delivery of 550 forty-foot CNG transit buses exclusive of contract Options for up to 350 additional buses for a total of 900 buses. The period of performance for the delivery of the 550 base vehicles is from February 1, 2013 to July 31, 2015.

On July 30, 2014, Staff issued a Limited Notice to Proceed (LNTP) in the amount of \$498,824 for installation of the Live Video Monitoring System on 140 production

vehicles scheduled to be manufactured between August 2014 and December 2014. The recommended contract modification is for the continuation of installation of the Live Video Monitoring System on the remaining 128 production vehicles included in the 550 Base Vehicle Buy, scheduled to be manufactured between January 2015 and July 2015. The value of the contract modification is for an amount not to exceed \$466,054, including tax.

Attachment B shows that five (5) modifications have been issued to date for vehicle configuration changes, non-taxable ADA equipment tax adjustments, and corrections to Diagnostic Test Equipment pricing.

B. Cost/Price Analysis

The recommended price for Contract Modification No. 6 has been determined to be fair and reasonable based upon an independent cost estimate, audit, cost analysis, technical evaluation, fact finding, and negotiations.

Proposed Amount	Metro Independent Cost Estimate	Negotiated Amount
\$526,614	\$508,273	\$466,054

C. Small Business Participation

The Diversity and Economic Opportunity Department did not recommend a Disadvantaged Business Enterprise (DBE) participation goal for this rolling stock procurement. The Federal Transit Administration (FTA) requires that each Transit Vehicle Manufacturer (TVM) submit for approval an annual percentage overall goal. The TVM goal is based on the amount of federal funding to be received by the TVM for the transit vehicle contracts during the fiscal year. In compliance with 49 CFR Part 26.49, TVMs report directly to FTA. Therefore, compliance with the DBE requirements is monitored at the federal level.

D. Living Wage and Service Contract Worker Retention Policy Applicability

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

CONTRACT MODIFICATION/CHANGE LOG

550 CNG BUS CONTRACT/MODIFICATION NO. 6

Mod. No.	Original Contract	2/1/13	\$302,094,178
1	Updated ADA Equipment and Safety Provisions.	12/6/13	\$2,936,786
1a	Correction to bus unit price for non-taxable ADA Equipment not accounted for in the proposal price	12/6/13	(\$717,994)
2	Period of Performance extension for the first 275 buses from June 30, 2014 to October 31, 2014	12/30/13	\$0
3	PLC cover color change and two (2) additional stop request buttons	3/6/14	\$54,243
4	Change from 3 position bicycle rack to 2 position bicycle rack	3/11/14	(\$52,924)
5	Additions/reductions in quantities of special tools, diagnostic test equipment, training aids, and AMS server upgrade	6/4/14	(\$428,920)
5a	Correction to BAFO Pricing Form PF-4 Diagnostic Test Equipment, AMS Server Price	6/4/14	(\$692,075)
6	LNTP issued for installation of Live Video Monitoring System as a cut-in on 140 production buses	7/30/14	\$498,824
6a	Pending Board Approval - Installation of Live Video Monitoring System as a cut-in on remaining 128 production buses		\$466,054
	Total		\$304,158,172

**550 CNG BUS CONTRACT
FUNDING / EXPENDITURE PLAN**

In Thousands	FY13	FY14	FY15	Total	% of Total
Uses of Funds					
Acquisition	\$25,932.6	\$134,162.8	\$135,913.7	\$296,009.1	95.97%
Professional Services	77.7	388.7	388.7	\$855.1	0.28%
Labor	186.6	932.9	932.9	\$2,052.4	0.67%
Travel	85.5	427.6	427.6	\$940.7	0.30%
Spare Parts	554	2,770.30	1,770.30	\$5,094.6	1.65%
Contingency	1,051.0	1,554.80	884.8	\$3,490.60	1.13%
Total Project Cost	\$27,887.4	\$140,237.1	\$140,318.0	\$308,442.5	100%

In Thousands	FY13	FY14	FY15	Total	% of Total
Sources of Funds					
BOS		\$2,000.0	\$2,000.0	\$4,000.0	1.3%
Prop C 40%	\$13,370.0		\$2,930.0	\$16,300.0	5.4%
TDA Article 4		\$40,500.0	\$22,730.0	\$63,230.0	20.5%
Measure R 35%			\$15,272.5	\$15,272.5	4.9%
Prop 1B PTMISEA	\$14,517.4	\$50,567.1	\$97,385.5	\$162,470.0	52.6%
CMAQ		\$22,170.0		\$22,170.0	7.2%
Federal Bus Capital		\$25,000.0		\$25,000.0	8.1%
Total Project Funding	\$27,887.4	\$140,237.1	\$140,318.0	\$308,442.5	100%