



# Agreement for the Purchase of Forty-Foot Compressed Natural Gas Buses

# OCTA Revenue Vehicle Fleet

## Fixed-Route Fleet – 556 Buses

<b>Bus Description</b>	<b>Quantity</b>
40-Foot Diesel	10
60-Foot Articulated Diesel	16
40-Foot LNG	192
40-Foot CNG	299
32-Foot CNG	19
New 60-Foot Articulated CNG	20

LNG – Liquefied Natural Gas

CNG – Compressed Natural Gas

# Buses to be Replaced

<b>Bus Series</b>	<b>Year in Service</b>	<b>Useful Life (OCTA Policy)</b>	<b>Eligible to Replace</b>	<b>Total Buses Owned</b>	<b>ATN Buses</b>	<b>Buses to Replace</b>
2100 - NABI LNG	2000	14	2014	60	30	30
2200 - NABI LNG	2001	14	2015	95	5	90
2300 - NABI LNG	2002	14	2016	72	-	72
<b><i>Subtotal NABI LNG Buses</i></b>				<b>227</b>	<b>35</b>	<b>192</b>
5300 - New Flyer Diesel	1998	14	2012	10	-	10
<b>Total Buses</b>				<b>237</b>	<b>35</b>	<b>202</b>

OCTA – Orange County Transportation Authority

ATN – Anaheim Transportation Network

NABI – North American Bus Industries, LLC

# Need for Proposed Buses

- Operation of 77 routes requires 556 buses
- LNG and diesel buses will exceed Board-approved useful life
- LNG underground tanks need to be removed in 2018
- Diesel buses need to be replaced to ensure continued compliance with air quality standards

# Procurement Background

- Public Hearing held January 13, 2014
- Board Approved Release of Request for Proposals March 24, 2014
- Preproposal Conference held April 9, 2014
- Two Bus Manufacturers participated in preproposal conference and submitted questions
- One proposal received on June 25, 2014
- Best and Final Offer (BAFO) – August 19, 2014

# Evaluation of Proposal

- New Flyer of America, Inc. (New Flyer) proposal is responsive and consistent with technical specifications
- Through BAFO process minor modifications were made to technical specifications and lot size changed to lower price

# Reasonableness of Price

- Metro procured similar base model bus in 2012 with an initial order of 550 buses and option for 350 buses
- Metro received two bids and awarded agreement to New Flyer
- Metro price adjusted by CPI for two years only 2.3 percent lower

Metro – Los Angeles County Metropolitan Transportation Authority

CPI – Consumer Price Index

# Bus Specifications

- Proposed New Flyer Bus

- Standard OCTA configuration
- Cummins ISL-G 8.9 Liter engine
- All-electric cooling package
- Rear door monitor
- Stainless steel CNG tank cradles and other sections prone to corrosion
- Q-Pod wheelchair securement
- Automatic Passenger Counters
- Ultracap Batteries
- Aluminum Wheels
- Corrosion, Engine, and Exhaust System extended warranties
- Eight percent lighter than previous New Flyer platform





# Comparison of Design

2002 NABI LNG



New Flyer Xcelsior

# Delivery Schedule

- March 2015 – Line entry for first article
- May 2015 – Delivery of first article
- October 2015 – Line entry of remaining buses (2-3 buses per week)
- November 2015 – Begin delivery
- July 2017 – Complete delivery

# Recommendation

- Approve selection of New Flyer
- Authorize Chief Executive Officer to negotiate and execute agreement to purchase 202 40-foot buses at a total cost of \$116,459,710, with an option to purchase 10 express buses
- Amend fiscal year 2014-15 budget by \$41,059,710 to place order of 202 buses in one lot