



Approval to Release Request for Proposals for the Procurement of Forty-Foot Compressed Natural Gas Buses



OCTA Revenue Vehicle Fleet

- Fixed-Route Fleet – 566 Buses

Bus Description	Quantity	Useful Life
40-Foot Diesel	10	14
60-Foot Articulated Diesel	26	14
40-Foot LNG	192	14
40-Foot CNG	299	14
32-Foot CNG	19	7
New 60-Foot Articulated CNG	20	14

- 40-foot diesel buses from the contingency fleet to allow for adequate spare ratio for Bravo! service and added service for schedule maintenance
- Federal minimum useful life of 12 years extended by the Board to 14 years

OCTA – Orange County Transportation Authority

LNG – Liquefied Natural Gas

CNG – Compressed Natural Gas

Asset Management Program

- Thorough Vehicle Acceptance Program
- Preventive Maintenance Program
 - Daily inspections
 - Weekly inspections
 - 6,000-mile inspections and servicing
 - Mid-life major component replacements
 - Analytical support
- Replacement at Reasonable Intervals

Buses to be Replaced

Bus Series	Year in Service	Useful Life (OCTA Policy)	Eligible to Replace	Total Buses Owned	ATN Buses	Buses to Replace	Replacement Lot
2100 - NABI LNG	2000	14	2014	60	30	30	Initial Term
2200 - NABI LNG	2001	14	2015	95	5	90	Option Term 1
2300 - NABI LNG	2002	14	2016	72	-	72	Option Term 2
Subtotal NABI LNG Buses				227	35	192	
5300 - New Flyer Diesel	1998	14	2012	10	-	10	Initial Term
Total Buses				237	35	202	

ATN – Anaheim Transportation Network

NABI – North American Bus Industries, LLC

Note – Federal Transit Administration defined minimum useful life is 12 years.

Proposed Bus Purchase

- New 40-foot CNG fleet class
 - ISL G engine
 - Electric cooling package
 - Stainless steel frame
 - Rear door monitor
 - Telematics remote bus security control system

Proposed Bus Purchase

- Option for ten buses for Transit System Study express routes
 - Depot at Santa Ana to Long Beach
 - Laguna Niguel/Mission Viejo Metrolink Station to Irvine Business Complex/South Coast Metro employment areas

Need for Proposed Buses

- Operation of 77 routes requires 566 buses
- LNG and diesel buses exceeding 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

Recommendations

- Approve proposed evaluation criteria
 - Technical Specifications 50 percent
 - Qualifications of the Firm 20 percent
 - Cost and Price 30 percent
- Approve release of RFP 4-1280