



**Customer Services, Operations, and Safety Committee**

**Board Action/Action Item III-A**

**September 13, 2007**

**Multiple Year Bus Procurement Program**

**Washington Metropolitan Area Transportation Authority  
Board Action/Information Summary**

Action  
 Information

MEAD Number:  
99828

Resolution:  
 Yes  No

**PURPOSE**

Obtain Board approval to award a one-year base with four one-year options competitive procurement of hybrid electric buses and a procurement of 22 articulated Compressed Natural Gas (CNG) buses utilizing piggy-back options available from Los Angeles County Metropolitan Transportation Authority.

**DESCRIPTION**

On May 4, 2006, staff presented to the Planning and Development Committee the Bus Technology selection for FY08-12 and requested approval to initiate and award a one-year base with four one-year options competitive procurement of hybrid electric buses. This contract includes 100 buses a year for five years with options for an additional 100 buses each year assignable to other agencies.

The Committee requested staff return to the Committee for final approval of the selected vendor. On June 19, 2006, the Board approved funding and authority to initiate the contracting action.

Additionally, staff is requesting Board approval to purchase 22 articulated CNG buses as replacement buses. These 22 articulated CNG buses will be procured in accordance with Federal Transit Administration (FTA) Circular 4220 1.E "Assignability" options available from Los Angeles County Metropolitan Transportation Authority for CNG Bus Rapid Transit (BRT) style buses.

**FUNDING IMPACT**

There is no further impact on funding. Funding approved June 2006.

**RECOMMENDATION**

Board approval to award a one-year base with four one-year options competitive procurement of hybrid electric buses and procure 22 articulated CNG buses utilizing piggy-back options available from Los Angeles County Metropolitan Transportation Authority for CNG Bus Rapid Transit (BRT) style buses.



# Multiple-Year Bus Procurement

*Presented to the Board of Directors:*

**Customer Service, Operations and Safety  
Committee**

September 13, 2007





## Background

- June 2006 the Board authorized the funding and initiation of a multiple-year bus procurement.
- Procurement allows Metro to purchase up to 500 replacement buses over five years at 100 buses per year. Option to purchase up to 500 additional buses at 100 buses per year.
- Metro has an immediate need for replacement of 22 articulated buses (50% of the 1995 articulated bus fleet).





# Overview

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- Solicitation was initially advertised in November 2006
- May 30, 2007 proposals were received from four Bus Manufacturers
- July 24-27 negotiations were conducted with all proposers on site at Metro
- August 13, 2007 Best and Final Offers (BAFO's) were received from all four of the initial proposers:
  - North American Bus Industries (NABI)
  - New Flyer of America
  - Daimler Chrysler Commercial Bus North America (Orion)
  - DesignLine
- Successful proposer will commence delivery of the base order of buses in September 2008.
- First 50 buses will complete the Board Resolution 2004-32 for buses to be assigned to Maryland Divisions.



## Best Value

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- After careful evaluation Metro staff recommends that the proposal submitted from New Flyer of America provides the best overall technical and cost value for Metro's fleet requirements under this procurement.







## CNG Articulated Buses

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- Los Angeles County Metropolitan Transportation Authority is the only source available with unused options available for Compressed Natural Gas articulated buses, at favorable pricing. LACMTA has previously assigned other unused options from this contract to other transit agencies.
- North American Bus Industries (NABI) is currently the only Bus Manufacturer that builds a 60-foot articulated BRT Style CNG bus.
- BRT buses will operate out of the Bladensburg Division which has CNG propulsion technology.
- Authorization to procure these buses reduces delivery time by approximately six months and reduces cost.



## Recommendation

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- Board approval to award a multiple-year best value negotiated procurement to New Flyer of America for 452 buses over a five year period up to 100 a year. Option to purchase up to 500 additional buses (100 per year) if funding becomes available.
- Board approval to procure 22 articulated BRT Style CNG buses from North American Bus Industries (NABI) from Los Angeles County Metropolitan Transportation Authority.