

Agreement for the Procurement of 40-Foot Plug-In Battery-Electric Buses



Background

- Innovative Clean Transit Rule
 - Zero-Emission Bus (ZEB) Fleet by 2040
 - Regulation deadlines
 - Board of Directors-Approved ZEB Roll-Out Plan
- ZEB Technologies
 - Hydrogen Fuel-Cell
 - Battery-Electric
- Current Test Fleet
 - Ten Hydrogen Fuel-Cell Buses

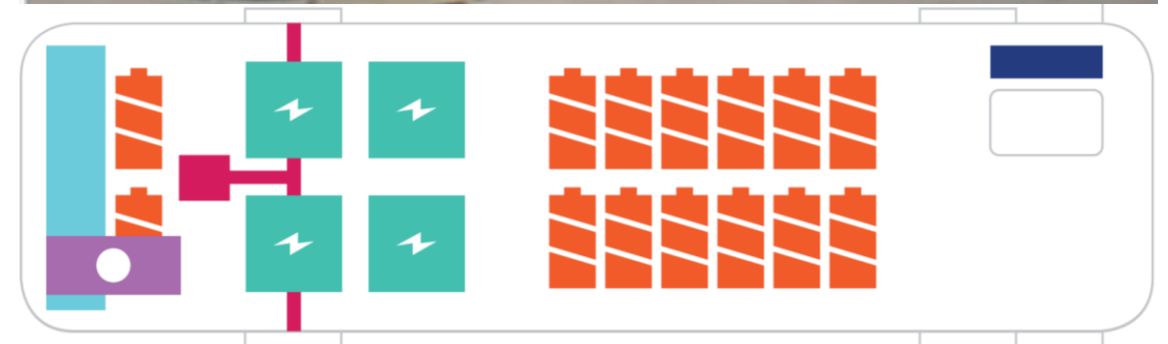
Procurement

- California Department of General Services
- Request for quote sent to
 - New Flyer of America, Inc.
 - Proterra, Inc.
- Lowest Quote - New Flyer of America, Inc.
 - \$1,037,323 per bus; \$10,373,230 for ten buses
 - Includes all Orange County Transportation Authority (OCTA)-required equipment.

Attributes

Features

Bus	New Flyer Xcelsior
Electric Motor	Siemens drive system
Accessory Drives	Electric
Energy Storage	438kWh (est. 200-mile)
Seats / Standees	39 / 37
Bike Racks	3-position
Operator Protection	Operator Barriers
Operator Training	56 hours
Technician Training	304 hours
Warranty	
Propulsion System	6 years, 300,000 miles
Structural	12 years, 500,000 miles



xcelsior CHARGE™ 40'

Staff Recommendation

- Authorize the Chief Executive Officer to negotiate and execute Agreement No. C-0-2165 between OCTA and New Flyer of America, Inc., in the amount of \$10,373,230, for the purchase of up to ten, 40-foot plug-in battery-electric buses.