

Approval to Release Request for
Proposals for Manufacturing and
Delivery of Vehicles for the
OC Streetcar Project

Background

- Eight vehicles are required for the OC Streetcar project
- Key risk area in project schedule
- Extensive federal and state requirements
 - Americans with Disabilities Act
 - Fixing America's Surface Transportation (FAST) Act - Buy America
 - Crashworthiness and other compliance requirements – California Public Utilities Commission
- Marketplace
 - Five carbuilders delivering in the United States
 - Streetcars - small orders
 - US < ten percent of global market for low-floor Light Rail/Modern Streetcar vehicles

Background

- April 25, 2016 Board of Director's (Board) direction
 - Pursue opportunities to acquire streetcars by exercising unassigned options on another agency's vehicle contract i.e. 'piggybacking'
 - Report back to Board on viability of this approach
- Significant work undertaken to evaluate 'piggyback' contract viability
- Development of request for proposals (RFP) for new competitive vehicle procurement as parallel path
 - Required in case 'piggyback' contract is determined to be not viable

Piggyback Contract Opportunities

- Cincinnati (City of Cincinnati)
 - CAF USA, Inc. (CAF) Urbos III, 100 percent low-floor
 - Carshell component parts fabricated in Spain
 - Final assembly in Elmira, New York
 - Used in Cincinnati, Kansas City

- Portland (Tri County Metropolitan District)
 - Siemens Industry, Inc. S70, 70 percent low-floor
 - Built in Sacramento, California
 - Used in Portland, Charlotte



Piggyback Contract Opportunities

- Houston Metropolitan Transit District of Harris County
 - CAF Urbos 70, 70 percent low-floor
 - Carshell component parts fabricated in Spain
 - Final assembly in Elmira, New York
- Eliminated from consideration as contract was expiring in November 2016 without possibility of extension



Site Visits

- Confirmed City of Cincinnati and Tri County Metropolitan District of Oregon contracts would meet OC Streetcar project requirements
 - Terms of contract
 - Urban fit, vehicle capacity, and level of changes required
- Both agencies confirmed the willingness to assign the required number of options



Cincinnati CAF vehicle



Portland Siemens vehicle

Request for Quotation

- Released in July 2016 to CAF and Siemens Industry, Inc.
 - Confirm vehicles meet Orange County Transportation Authority requirements
 - Technical information on vehicles
 - Qualifications, experience, and project management
 - Option pricing, including required vehicle modifications
 - Commitment to production schedule and revised commercial terms
- Meetings held with both manufacturers in August 2016
- Quotation received in September 2016 from CAF
- Siemens Industry, Inc. declined to submit quotation

Buy America Requirements

- Federal Transit Administration (FTA) released Policy Guidance on Buy America requirements for Rolling Stock – September 1, 2016
 - ‘Piggyback contract’ – considered new contract
 - FAST Act Buy America requirements apply
 - 65 percent domestic content - vehicles delivered in Federal Fiscal Year (FFY) 2018 and FFY 2019
 - 70 percent domestic content – vehicles delivered in FFY 2020 and beyond
- Discussion at October 27, 2016 Streetcar Quarterly FTA Meeting
 - FTA advised that statutory increase in Buy America content would result in a cardinal change to the original base contract
 - As a result, ‘piggyback contract’ would NOT be eligible for federal participation
- Letter sent to FTA seeking clarification of Policy Guidance to determine whether OCTA can utilize the City of Cincinnati CAF contract

Staff Recommendation

- Authorization to release new RFP for vehicle manufacturing and delivery contract
 - Eight vehicles, with up to ten option vehicles
 - Evaluation criteria and weights
 - Qualifications, Related Criteria and Project Management 10 percent
 - Technical Requirements 50 percent
 - Cost and Price 40 percent
- If FTA advises that 'piggyback contract' option is available, staff will seek direction from Board
 - Authorization to undertake negotiations on the 'piggyback contract', OR
 - Continue with the new vehicle procurement
- Release of RFP prior to FTA decision on 'piggyback contract' required because of long lead-time associated with vehicle manufacturing, delivery, testing, and acceptance

Next Steps

- Release of vehicle manufacturing and delivery RFP (subject to OCTA Board approval) on December 19, 2017
- Staff recommendation on vehicle contract award in Fall 2017*

* If piggyback contract option is determined to be not available