

# Standard Specification for Light Rail Vehicle

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# Goals

- FTA grant to APTA
  - Reduce Cost
- Complete Procurement Package
- Standardize Expectation
- Share Risk



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## Light Rail Vehicle RFP Contract Outline

**Abstract:** This document outlines a request for proposals for a light rail vehicle procurement Contract.

**Keywords:** light rail vehicle (LRV), request for proposals (RFP)

**Overview:** Many industries have standard forms of contracts for the acquisition of goods and services. Buyers and sellers in these industries become familiar and comfortable with those forms. The goal of creating a common method of contracting enables participants to focus, when necessary, on negotiating only those issues for which a departure from the accepted norm is necessary or desirable. This approach will save considerable time and effort for the parties to a particular transaction. It also permits new provisions or evolving best practices to be incorporated into the standard Contract for cost industry efficiency and in a manner designed to benefit the entire industry. Finally, standardization leads to a consistency of interpretation that presumably should reduce the number of Contract disputes and result in better prices for both the public and private sectors.

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# Process Summary

- Section Working Groups
- Steering Committee
- Specification Assembly
- Integration into overall document

# Technical Specification Issues

- Focus on Partial Low-Floor LRV
  - 100% Low-Floor LRV – Future
- Standard specification not a standard vehicle
- Flexibility within vehicle arrangement
- Requirements verification process

# Notable Initiatives

- Collaborative Design Process
- Requirements based specification
- Verification Based Testing

# Collaborative Design Process

- Meetings At Builder's Engineering Center
- Extended Working Sessions
- Face-to-Face and Web Conference
- Real Time Decision Making
- Partnering, Teamwork and Trust

# Requirements Based Specification

- Eliminate Ambiguity
- Breakdown Overly Complex Requirements
- Simplify Traceability

# Verification Based Testing

- Built from specification requirements
- Verification Matrix
- Several options for verification



## Current Status and Next Steps

- Terms and Conditions and Technical Specifications have been integrated
- Document released to the industry for beta testing
- Document will be revised after test use and go through the approval process for release as Recommended Practice.

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<http://www.apta.com/resources/reportsandpublications/Pages/NewPublications.aspx>

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**Thank You!**  
*Questions?*



2011 Rail Conference