



Peninsula Corridor Electrification Program: Project Delivery Strategy

Board of Directors
September 5, 2013

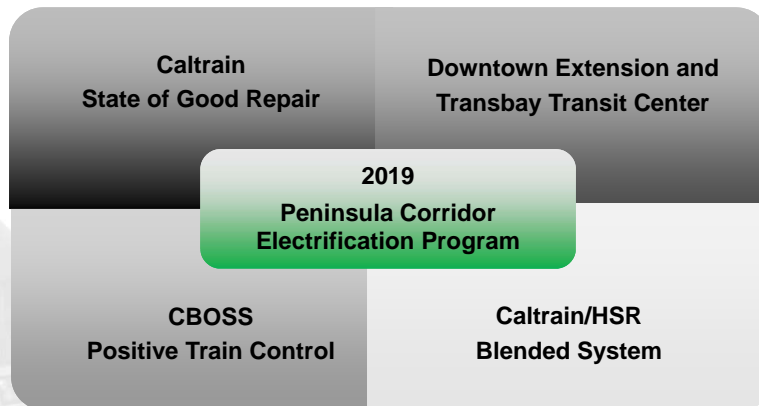


Program Overview

Program Description

Area	Projects	Service
<ul style="list-style-type: none">- 51+ miles- San Francisco to Tamien	<ul style="list-style-type: none">- Electrification- Electric multiple units (EMUs)	<ul style="list-style-type: none">- 6 trains/per hour/per direction- Mixed-fleet service

Systems Project on Active Rail Corridor



Delivery Milestones

Activity	2013	2014	2015	2016	2017	2018	2019
Stakeholder Outreach	█	█	█	█	█	█	█
Establish Owner's Team	█						
Environmental Clearance	█	█					
Procure/Select Contractor Team		█	█				
Design/Manufacture/Build				█	█	█	█

Electrification Program Delivery

Program Objectives

- Ensure system safety
- Complete program within ~\$1.2 billion budget
- Electrified service by 2019
- Build a quality system
- Minimize impacts to rail service / customers
- Minimize impacts to environment
- Support future high speed rail trains
- Sustain effective partnership with stakeholders

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Recommended Delivery Method

- Best Match with Program Objectives
- Contract Scope: Design Build
- Procurement Method: Best Value
- 2 Procurement Packages
 - Electrification
 - Vehicles
- Operations and/or Maintenance Options

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Key Benefits

- Good for large complicated projects
- Good for systems projects
- Transfer design risk to contractor
- Improve project with innovative solutions
- Get best value / Maximize price competition
- Select best qualified team
- Negotiate scope and price
- Upfront understanding of cost-to-complete

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Staff Assessment / Inputs

- Project Delivery Workshops
- System Integration Workshop
- Sister/Brother Agency Participation
 - San Francisco Municipal Transportation Agency
 - Santa Clara Valley Transportation Authority
 - City of San Jose
 - San Mateo County
 - Regional Transportation District-Denver
 - Dallas Area Rapid Transit
 - Utah Transit Authority

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JPB Responsibilities: Key Risk Areas

- Board Leadership
- Right Project Team
- Procurement Process
- Systems Integration
- Contract Management / Oversight
- Agency Coordination
- Stakeholder Coordination
- Utilities / Right of way

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Next Steps

- Build Project Team
- Prepare Contract Packages
- Issue RFPs fall 2014

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