



## **CalMod Local Policy Maker Group (LPMG)**

Thursday, April 23, 2015

6:00 PM – 7:30 PM

SamTrans Offices - Bacciocco Auditorium 2<sup>nd</sup> Floor  
1250 San Carlos Ave., San Carlos

### **Agenda**

1. JPB Staff Report
2. Information/Discussion
  - a. Peninsula Corridor Electrification Program Quarterly Update – (Attachment A)
3. Public Comments
4. LMPG Member Comments/Requests
5. Next Meeting In-person: June 25, 2015 at 6:00pm



## Memorandum

**Date:** April 23, 2015

**To:** CalMod Local Policy Maker Group (LPMG)

**From:** Marian Lee, CalMod Executive Officer

**Re:** Peninsula Corridor Electrification Project Quarterly Update

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The LPMG will receive a presentation on the quarterly update of project delivery activities. This quarterly update highlights procurement activities for the Electrification and Vehicle contracts.

### *Electrification Infrastructure*

On February 27, 2015, the Request for Proposals (RFP) for the Design-Build contract was issued to the six pre-qualified teams. The public can view a copy of the Electrification RFP here:

<https://www.dropbox.com/sh/ogcdb5t2jy09k5c/AACiqbQvfhJ87P9UKJAbg1Qza?n=118875730>

During March, there was a pre-proposal conference and an event for Disadvantaged Business Enterprises (DBE) interested in the electrification contract. On March 22, 2015, the first amendment to the RFP was issued and there will be additional amendments in the coming weeks. The JPB is scheduled to award the Design-Build contract in fall 2015.

### *Electric Multiple Units (High-Performance Vehicles)*

Over the last several months, Caltrain / HSR staff conducted technical workshops and informal meetings with carbuilders to discuss options to modify the design of Caltrain's EMUs to support compatible platforms with HSR trains in the future. The presentation highlights the benefits and challenges of modifying the vehicles. Additional review by Caltrain's Operations staff is still needed and a presentation of their findings will occur in May.

The process to vet different vehicle modifications started in December 2014 and was initiated based on requests from stakeholders for more analysis on compatible platforms with HSR. JPB policy action on the vehicle RFP is expected in summer 2015, after a public dialogue on the compatibility analysis and bike/seats/bathroom discussion is complete. Delaying the vehicle RFP past summer 2015 could impact the schedule for the overall project. **Note: Caltrain staff will request a special LPMG meeting on May 28, 2015 to provide a timely update on this topic.**



# Peninsula Corridor Electrification Project Delivery Quarterly Update

LPMG  
April 23, 2015



## Electrification Procurement

## Electrification RFP Milestones

- Completed
  - Released RFP on Feb. 27
  - Funding partners / proposers input
  - Provided to six prequalified proposers
  - Public posting [www.caltrain.com/calmod](http://www.caltrain.com/calmod)
  - Pre-proposal conference and DBE outreach
  - Amendment #1 issued
- To be completed
  - Additional amendments
  - Evaluation / selection
  - Board approval / award contract (fall 2015)

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## Pre-proposal Conference

- March 17 (full day)
- 70 individuals attended
- Staff presentations
- Corridor video
- Tours
  - CEMOF
  - San Jose, San Carlos, Belmont, San Francisco stations
  - Work facilities

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## DBE Outreach

- March 18 (half day)
- 36 Disadvantage Business Enterprises (DBE) attended
- DBE staff presentation
- Pre-qualified team presentations
- Opportunity for pre-qualified teams and DBEs to network and Q&A

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## Project Delivery Efforts

- Completed
  - Wetlands delineation
  - Real estate need (3 of 4 segments)
- In Progress
  - Project Labor Agreement
  - 2 TPF locations – option selection
  - Inventory tree tagging
  - Real estate need (1 remaining segment)

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## Vehicle Procurement

## EMU Milestones

Milestones	Summer 2014	Fall 2014	Winter 2015	Spring 2015	Summer 2015
Request for Information (RFI)					
Public Survey (Seats/Bikes/Bathrooms)					
Compatible Boarding Height Assessment					
Policy Discussion/ HSR additional funding					
RFP Release					

Note: Award target winter 2016

## Compatible Boarding Height Assessment

- Dec 2014 to March 2015
  - CHSRA / Caltrain meetings
  - Discussion with car builders
  - Feasibility assessment
- April to May 2015
  - Operational assessment
  - Policy discussion / decisions
  - CHSRA funding commitment

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## Car Builders Discussion

- Six car builders produced bi-level EMUs that may be modified
- Degree of modification varies amongst car builders
- Delivery schedule
  - First vehicle (36 months from NTP)
  - 96 vehicles (60 months)
- Additional costs TBD
- No fatal flaws

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## Summary Findings

Benefits	Neutral	Challenges	Funding	Additional Review
System flexibility	Timeframe (2020 revenue service)  Competition	Capacity loss / train <ul style="list-style-type: none"> <li>○ 78-188 seats (double set doors)</li> <li>○ 0 seats (trap door)</li> </ul>	CHSRA TBD <ul style="list-style-type: none"> <li>○ 100% fleet conversion</li> <li>○ 8-car consists</li> <li>○ Station modifications</li> <li>○ Additional o/m costs</li> </ul>	Caltrain operations

Note: seven vehicle builders interviewed / four qualified and engaged

## Caltrain Operations Review

- Compatibility with existing diesel fleet
- Operational impact with platform modifications
- Capability to be convert to high-level boarding
- Community sensitivity to raised platforms
- System and HSR station benefits
- Utilization of traps
- Onboard lifts and/or mini highs at 24" and/or 48" level



## Next Steps

- March to April
  - Complete operations review (compatible boarding heights)
- April to June
  - Public discussion
  - Bikes/seats/bathrooms and compatible boarding heights
- July Board Action / Release RFP
- Winter 2015/16 award contract

## Questions