

# WELCOME!

Industry Forum for Track & Systems RFP

## Agenda:

- **Project Update – Diana Gomez, Central Valley Regional Director**
- **Procurement Details – Frank Vacca, Director of Rail Operations**
- **Small Business Program – Catrina Blair, Small Business Advocate**



# CA HIGH-SPEED RAIL AUTHORITY PROGRAM UPDATE

Diana Gomez  
Central Valley Regional Director



# CONNECTING CALIFORNIA

CALIFORNIA HIGH-SPEED RAIL



**Increase Mobility**



**Needed Alternative**



**Better Air Quality**



**Job Growth**



# HIGH-SPEED RAIL: IT'S HAPPENING!

CALIFORNIA HIGH-SPEED RAIL



Approximately \$4.8 Billion Investment





# TARGETING THE CENTRAL VALLEY

CALIFORNIA HIGH-SPEED RAIL



## 3 Construction Packages

CP1 – TPZP

CP 2-3 – Dragados Flatiron

CP 4 – California Rail Builders

30

Active Construction Sites

3,000+

Construction Workers



# CONNECTING CALIFORNIA

## CALIFORNIA HIGH-SPEED RAIL

### Final Environmental Schedules

Project Segment	Draft EIR/EIS	Revised ROD Date	Months to ARRA 12/2022 Deadline from ROD Date
Locally Generated Alternative (F – B)* <i>*Complete</i>	July 2019	October 2019	39
Central Valley Wye (M – F)	September 2019	September 2020	27
Bakersfield to Palmdale	January 2020	February 2021	22
Burbank to Los Angeles	February 2020	January 2021	23
Palmdale to Burbank	February 2020	August 2021	16
San Jose to Merced	March 2020	April 2021	20
San Francisco to San Jose	April 2020	June 2021	18
Los Angeles to Anaheim	November 2020	December 2021	12



# INVESTING IN ALL REGIONS OF THE PHASE 1 SEGMENT

San Francisco to Los Angeles/Anaheim

## Southern California - \$1.3 billion

- \$441 million for Los Angeles Union Station (in federal environmental review process)
- \$363 million in environmental review work for shared corridor improvements (for HSR, Metrolink, LOSSAN, others).
- \$77 million for Rosecrans/Marquardt Grade Separation
- \$389 million in Proposition 1A “Connectivity Projects”

Rosecrans/Marquardt Artist Concept





# INVESTING IN ALL REGIONS OF THE PHASE 1 SEGMENT

San Francisco to Los Angeles/Anaheim

## Caltrain Electrification

### Northern California/Bay Area – \$1.6 billion

- \$714 million for the Caltrain Electrification project (under construction)
- \$293 million in environmental review work between San Jose-Merced and San Francisco-San Jose (in process)
- \$84 million for the San Mateo Grade Separation project (under construction)
- \$543 million in Proposition 1A “Connectivity Projects”



San Mateo At-Grade Crossing Artist Concept





# 2019 YEAR IN REVIEW



# PROCUREMENT DETAILS

Frank Vacca  
Chief of Rail Operations



# PROGRAM COMMITMENTS

- **Meet our Federal Railroad Administration (FRA)/American Recovery and Reinvestment Act (ARRA) Grant December 2022 deadline**
  - » Central Valley Segment - 119 miles (Madera to Poplar Ave.)
  - » Align to 2019 Updated Baseline (\$15.6B)
  - » May 2019 Board Meeting: Budget approved in Updated Baseline for Segment 1



# PROCUREMENT SCOPE OVERVIEW

## TRACK & SYSTEMS

- **Scope includes: design, construction, and 30-year maintenance agreement:**

- » Track and Switches
- » Modern Automatic Train Control (ATC) System
  - Incorporates functional requirements of Positive Train Control (PTC)
- » Communication system
- » Early earthquake detection
- » Station platforms, canopies and vertical circulation (no buildings)
- » Overhead Contact System (OCS)
- » High-Voltage sub station and switching stations to support OCS
- » Operational Control Center (OCC)
- » Maintenance of Way Facilities
- » 30-year maintenance responsibilities of constructed civil structures
- » 30% Small Business participation goal



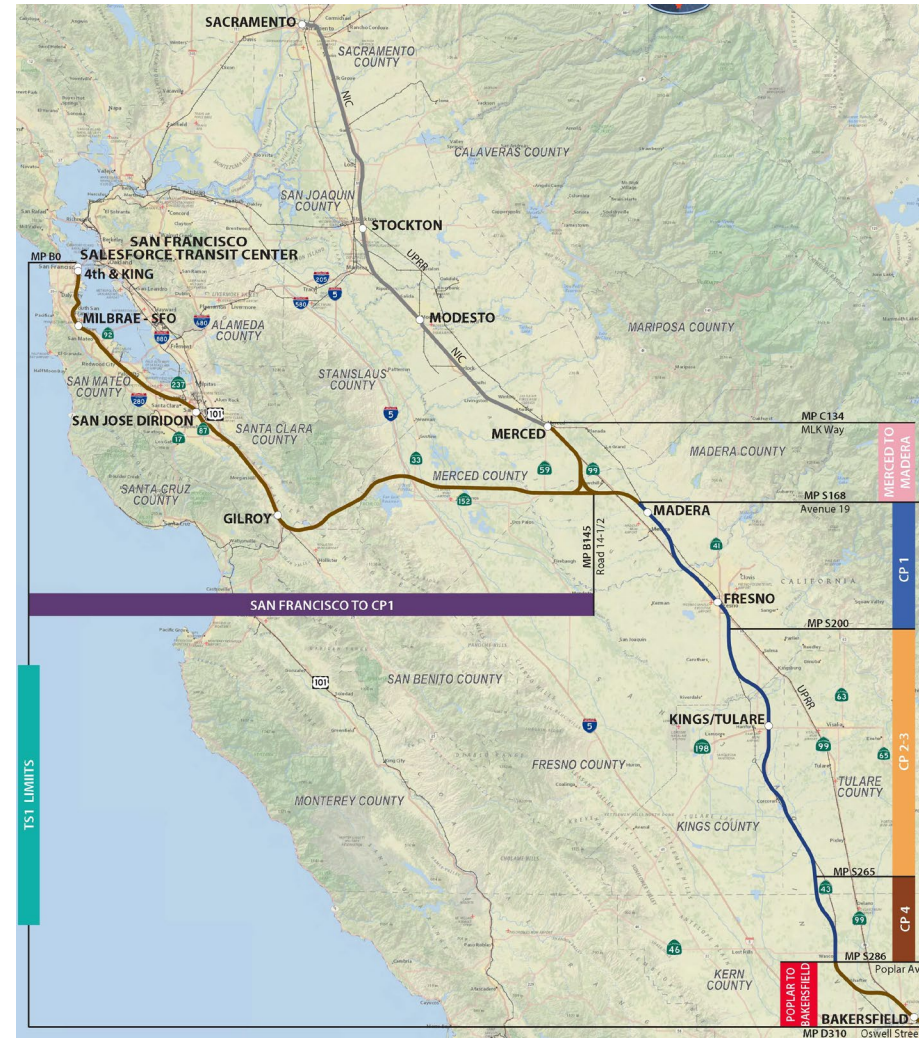


# PROCUREMENT SEGMENTS

## TRACK & SYSTEMS

- **Silicon Valley to Central Valley Strategy (V2V) divided into five Notice-to-Proceed (NTP) Segments**

- » **Segment 1:** Central Valley Segment  
Madera to Poplar Ave  
19 miles
- » **Segment 2:** Poplar to Bakersfield  
20 miles
- » **Segment 3:** Madera to Merced  
30 miles
- » **Segment 4:** Gilroy to Central Valley  
Wye  
96 miles
- » **Segment 5:** San Jose to Gilroy  
30 miles



# COSTS/BUDGET

## TRACK & SYSTEMS

- This procurement is for the award of entire Valley to Valley (V2V) contract (Bakersfield, Merced to San Francisco), but only authorization to proceed with Segment 1

» Madera to Poplar Ave.; 119 miles

» Estimated Contract Value:  
\$1.6 billion for Segment 1

- Each NTP will have separate Board Approval



# **RFP – KEY DATES**

## **TRACK & SYSTEMS**

- **Release RFP to the shortlisted firms - December 19, 2019**
- **Industry Forum - January 22, 2020**
- **Proposals due - June 30, 2020**
- **Staff recommendation to the Board in - September 2020**
- **Issue NTP-1 - September 2020**



# RFP – EVALUATION CRITERIA

## TRACK & SYSTEMS

- The evaluation will be divided 50% cost and 50% technical
- All costs will be divided into capital delivery portion and maintenance service portion (50% and 50%)
- Maintenance costs will be presented as Net Present Value from the 30-year service schedule
- All capital and service costs will be presented on a schedule of values, based on project elements and listed on a per-mile basis
- Technical evaluations will be based on RAMS criteria, Life-Cycle, Systems Integration, achieving Safety and Operation Certification, and Management Plan
- Small Business requirements will be scored at 5% of the total Program score





# HOW TO ASK A QUESTION?

- All State contracts are officially advertised on the State's Contract Register at [www.caleprocure.ca.gov](http://www.caleprocure.ca.gov) and a link can be found on the Authority's website [www.hsr.ca.gov/business/contractors/track\\_and\\_systems.aspx](http://www.hsr.ca.gov/business/contractors/track_and_systems.aspx)
- Questions and requests for clarification regarding the procurement are limited to the three shortlisted teams and must be submitted via the Proposer Inquiries and Clarifications process laid out in the Instructions to the Proposers of the RFP.

FIRM	SMALL BUSINESS	NON-SB CONTACT
Bombardier-Salcef-Weitz Consortium	Mr. Mina Wassef mina.wassef@weitz.com (571) 305-3518	Mr. Nitant Sethi nitant.sethi@rail.bombardier.com (412) 526 - 5475
California High-Speed Rail Constructors <a href="http://www.CHSRConstructors.com">www.CHSRConstructors.com</a>	Robert Bohnet robert.bohnet@fluor.com (303) 717-0101	Ms. Sarah McKay sarah.mckay@fluor.com (949) 349-5492
Hitachi Acciona Copasa California Rail Partners <a href="http://sts.hitachirail.com/en">http://sts.hitachirail.com/en</a>	Mr. Arun Chairmandurai arunachalam.chairmandurai@hitachirail.com (412) 688-2770	Ms. Christine Shaffer christine.shaffer@hitachirail.com (412) 688-2437



# SMALL BUSINESS PROGRAM

Catrina Blair

Small Business Advocate

[sbadvocate@hsr.ca.gov](mailto:sbadvocate@hsr.ca.gov)



# SMALL BUSINESS PROGRAM

- The Authority is committed to making active participation of small businesses a priority in all contracting phases of the high-speed rail project.
- The SB Program provides oversight which is a hybrid between adhering to statutes (federal and state), and advocacy which equals outreach, education and supportive services.



# SMALL BUSINESS PARTICIPATION

CALIFORNIA HIGH-SPEED RAIL

## 539 Certified Small Businesses Working on HSR Statewide

# 30%

Small Business  
Participation Goal

NORTHERN CALIFORNIA

## 193

Certified Small Businesses

CENTRAL VALLEY

## 164

Certified Small Businesses

SOUTHERN CALIFORNIA

## 166

Certified Small Businesses

- » 10% Disadvantaged Business Enterprises (DBE)
- » 3% Disabled Veteran Business Enterprises (DVBE)
- » Goal is split evenly between design and construction:
  - » 30% on professional services work completed
  - » 30% on construction work completed





## Certifications That Count Toward the Overall Goal:

- » California Department of General Services
  - » Small & Micro Businesses
  - » Disabled Veteran Business Enterprises
  - » SB-PW-Small Business for the purpose of Public Works
- » California Unified Certification Program
  - » Disadvantaged Business Enterprises
- » US Small Business Administration
  - » 8(a) Disadvantaged Business Program



## Free Online Tool to Connect with Business Opportunities

Open to All Businesses, Both Large & Small

### Business Details:

- » Type of Business
- » Services Offered or Supplies Sold
- » Service Counties
- » Certifications

### Learn About:

- » Future Contracting Opportunities
- » Trainings/Workshops

### Register at:

- » [www.connecthsr.com](http://www.connecthsr.com)



## Questions

Except as otherwise provided by the Authority, questions and requests for clarification regarding the procurement are limited to the three shortlisted teams and must be submitted via the Proposer Inquiries and Clarifications process laid out in the RFP.



# TRACK & SYSTEMS PROCUREMENT

CALIFORNIA HIGH-SPEED RAIL



## Headquarters

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