WELCOME

California High-Speed Rail Authority



REQUEST FOR QUALIFICATIONS FOR DESIGN-BUILD-MAINTAIN SERVICES FOR TRACK AND SYSTEMS

Alice Rodriguez

Deputy Director of External Affairs

August 5, 2019



CONNECTING CALIFORNIA

CALIFORNIA HIGH-SPEED RAIL



Increase Mobility



Needed Alternative



Better Air Quality



Job Growth





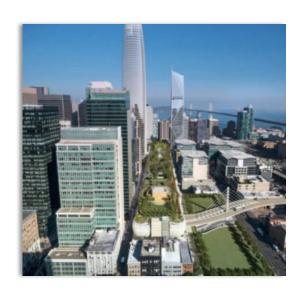
MORE THAN A TRANSPORTATION PROGRAM

CALIFORNIA HIGH-SPEED RAIL

Backbone of a Modern Integrated Rail System







- Integrated in to the California State Rail Plan
- Connects With and Reinforces Local Mobility
- Foundation for Sustainable Growth
- Opportunities for Revitalization in Downtown Cores

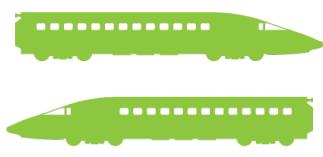


MORE THAN A TRANSPORTATION PROGRAM (CON'T)

CALIFORNIA HIGH-SPEED RAIL

Ties Economies Together







Bay Area

Fresno

- San Jose to Fresno = 60 Minutes
- Bakersfield to Los Angeles = 60 Minutes
- San Francisco to Los Angeles = 2 Hours and 40 Minutes



CONNECTING CALIFORNIA

CALIFORNIA HIGH-SPEED RAIL

- 119 Miles under construction
- Madera to Poplar Ave
- 3 Design-Build Construction Packages
- » CP1 32 miles, Madera to South of Fresno
- » CP2-3 66 miles, to one mile north of the Tulare-Kern County line
- » CP4 22 miles, to Poplar Ave
- Will be the first segment for track and systems





CONSTRUCTION UPDATE VIDEO

CALIFORNIA HIGH-SPEED RAIL



To watch this construction update visit our YouTube channel https://youtu.be/J9VxypDYnhM



BUILDING BLOCK APPROACH

Merced - Fresno - Bakersfield

- 2018 Business Plan & 2019 Project Update Report outline a building block approach to delivery
- Extending the 119-miles already under construction to a 171-mile high-speed service connecting three of the fastest growing counties in California (Merced, Fresno, Kern)
- Will provide important connections to ACE service to the Bay Area and Amtrak service to Northern California and the LA Basin
- Allows for early service as we continue to build Valley to Valley in the north and Los Angeles/Anaheim in the south



MAKING HISTORY

CALIFORNIA HIGH-SPEED RAIL

- 2019 marks the 150th
 anniversary of the
 completion of the
 Transcontinental
 Railroad
- Laying the nation's first high-speed rail track in California will mark another major milestone for the nation





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

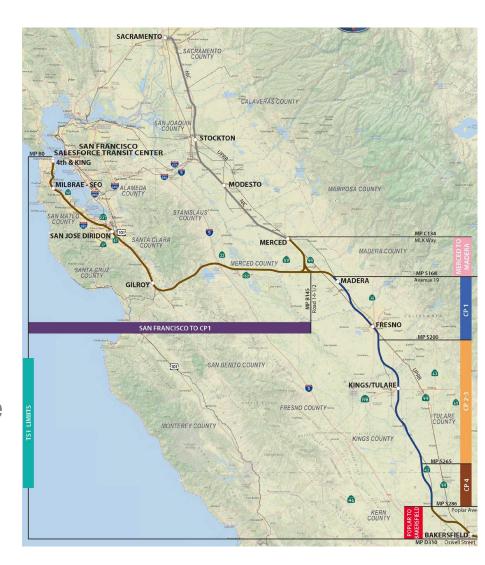


PROCUREMENT SEGMENTS

TRACK & SYSTEMS

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

- Segment 1: Central Valley Segment Madera to Poplar Ave 119 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
- Segment 6: San Jose to San Francisco (Communications only)
 50 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





PROCUREMENT TIMELINE

TRACK & SYSTEMS







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



EVALUATION PROCESS

Technical Scoring Criteria	Possible Points
 Management Competence – Delivery Period 1.1 Integration and Certification (scored item – 42 points) 1.2 Program Management (scored item – 36 points) 1.3 Organizational Structure (scored item – 24 points) 1.4 Rail System Engineering (scored item – 18 points) 	120
 Rail Infrastructure Management – Delivery Period 2.1 Maintenance Competence (scored item – 20 points) 2.2 RAMS/Asset Management (scored item – 12.5 points) 2.3 Operational Competence (scored item – 17.5 points) 	50
 Technical Competence – Delivery Period Railroad Technical Competence (scored item – 30 points) 	30
 4. Management Competence – Service Period 4.1 Integration and Certification (scored item – 12 points) 4.2 Program Management (scored item – 24 points) 4.3 Organizational Structure (scored item – 9 points) 4.4 Rail System Engineering (scored item – 15 points) 	60
 5. Rail Infrastructure Management – Service Period 5.1 Maintenance Competence (scored item – 30 points) 5.2 RAMS/Asset Management (scored item – 18 points) 5.3 Operational Competence (scored item – 72 points) 	120
 Technical Competence – Service Period Railroad Technical Competence (scored item – 20 points) 	20
Total Possible Points	400



HOW TO BID

- All State contracts are officially advertised on the State's Contract Register at <u>www.caleprocure.ca.gov</u> and a link can be found on the Authority's website <u>www.hsr.ca.gov/business/contractors/track_and_systems.aspx</u>
- The RFQ solicitation shall follow the process in California Code of Regulations
- All questions regarding the RFQ must be submitted in writing to <u>TS1@hsr.ca.gov</u>
- Designated Point-of-Contact for Track and Systems:

Attention: Rachael Wong, P.E.
Contract Management
770 L Street, Suite 620, MS 2
Sacramento, CA 95814
Phone (916)324-1541
Email: TS1@hsr.ca.gov



SMALL BUSINESS PROGRAM

Catrina Blair Small Business Advocate



SMALL BUSINESS PROGRAM

CALIFORNIA HIGH-SPEED RAIL

- 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

512 Certified Small Businesses Working on HSR Statewide



30%

Small Business
Participation Goal

- » 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





SMALL BUSINESS CERTIFICATION CALIFORNIA HIGH-SPEED RAIL

Certifications That Count Toward the Overall Goal:

- » California Department of General Services
 - » Small & Micro Businesses
 - » Disabled Veteran Business Enterprises
- » California Unified Certification Program
 - » Disadvantaged Business Enterprises
- » US Small Business Administration
 - » 8(a) Disadvantaged Business Program

All State contracts are advertised through https://caleprocure.ca.gov





SMALL BUSINESS CERTIFICATION

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CONSTRUCTION PACKAGE 1-4

MADERA TO NORTH OF BAKERSFIELD







DESIGN-BUILD PARTNERS

CALIFORNIA HIGH-SPEED RAIL

Construction Package 1

- Tutor Perini/Zachry/Parsons
- Maurice Young

Tutor Perini · 1/4 ZACHRY · PARSONS

a joint venture

- (559) 385-7025
- maurice.young@tpzpjv.com
- Website: www.tpzpjv.

Construction Package 2-3

- Dragados Flatiron
- Bjorn Nilsen
- (559) 356-8688
- SmallBusiness@dfcp23.com
- Website: www.dfcp23.com

Construction Package 4

- California Rail Builders
- Amanda Craft
- (661) 438-3440 Ext. 25413
- acraft@ferrovial.us
- Website: www.californiarailbuilders.com



CALIFORNIA

RAIL BUILDERS, LLC





CONNECTHSR

Vendor Registry

- Free Online Tool to Connect with **Business Opportunities**
- Open to All Businesses, Both Large & Small
- Business Details:

 - Type of BusinessServices Offered or Supplies SoldService Counties

 - » Certifications
- Learn About:
 - » Future Contracting Opportunities» Trainings/Workshops
- Register at:
 - » www.connecthsr.com



TRACK & SYSTEMS PROCUREMENT

CALIFORNIA HIGH-SPEED RAIL





Headquarters

California High-Speed Rail Authority 770 L Street, Suite 800 Sacramento, CA 95814 www.hsr.ca.gov









TS1@hsr.ca.gov

(916) 324-1541