



CALIFORNIA
High-Speed Rail Authority

Request for Proposals for High-Speed Trainsets and Related Services

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April 11, 2024

Agenda

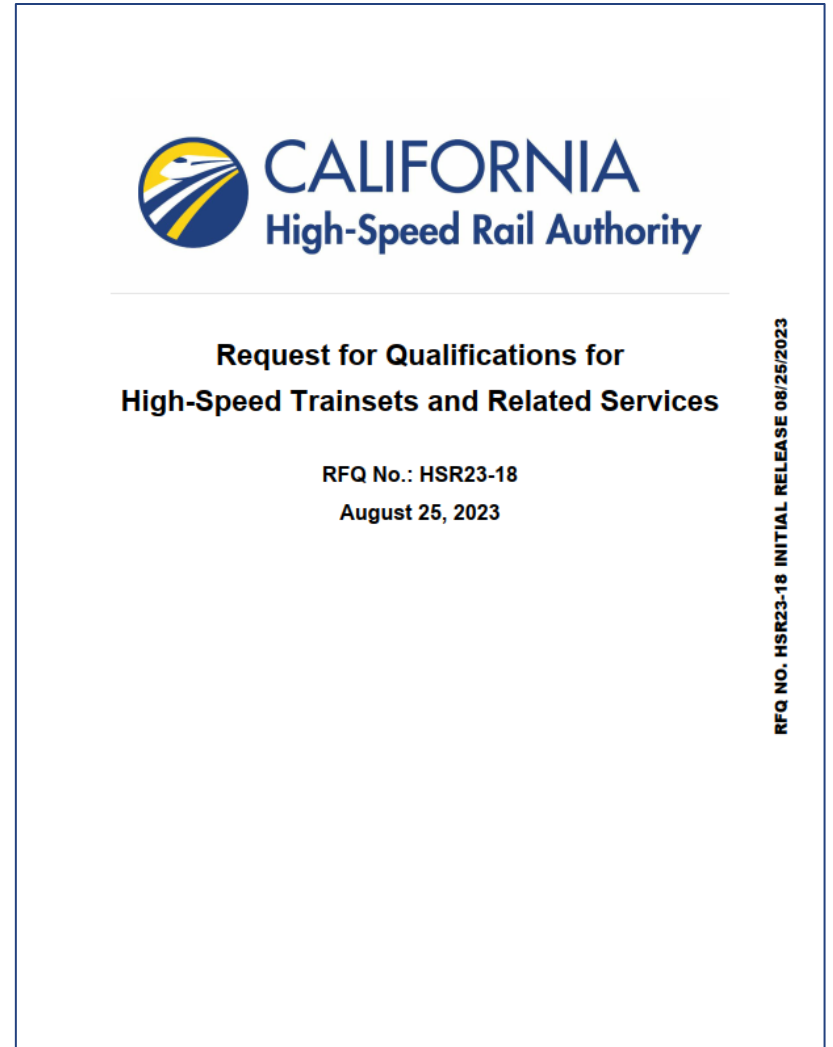
- Board Actions Requested
- Request for Qualifications (RFQ) Results
- Shortlisted Offerors
- Request for Proposals (RFP) – Scope
- RFP – Evaluation Criteria
- RFP – Key Dates
- Questions

Board Actions Requested

- Seeking Board approval for:
 - » Issuance of a Request for Proposals (RFP) for High-Speed Trainsets and Related Services; and
 - » Authorization for Authority staff to make changes to the RFP as part of the procurement process
- Authority staff will return to the Board for approval to award the contract and issue the first two notices to proceed, NTP 1 and NTP 2, in late 2024
- Authority staff will return to the Board for approval of subsequent NTPs

Request for Qualifications (RFQ) Results

- Board approval to release Trainsets RFQ was provided on August 24, 2023
- The Trainsets RFQ was released on August 25, 2023
- Two Offerors submitted their Statements of Qualifications (SOQs) by November 14, 2023
- Authority completed evaluations on December 21, 2023
- Authority's evaluation team found both SOQs fully responsive
- Both Offerors are shortlisted and will be invited to submit Proposals for the Authority's RFP for High-Speed Trainsets and Related Services:
 - Alstom Transportation Inc.
 - Siemens Mobility Inc.



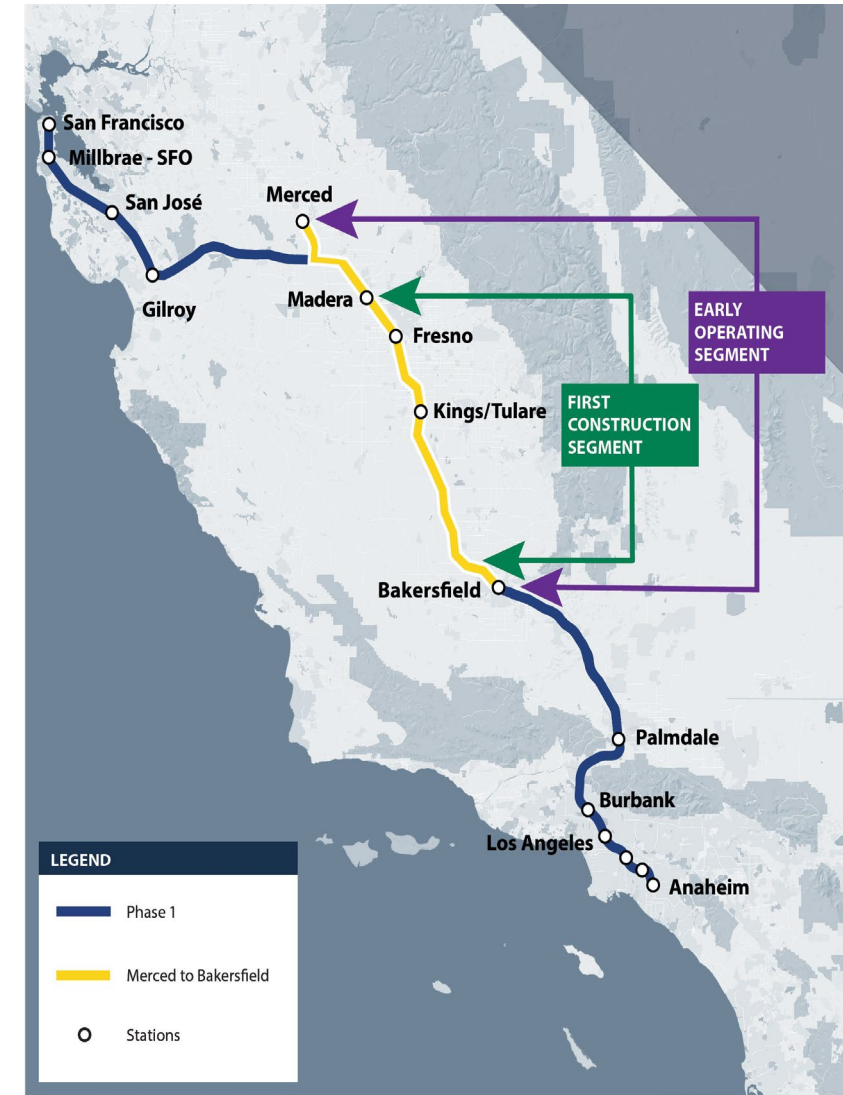
Shortlisted Offerors

The logo for Alstom, featuring the word "ALSTOM" in a bold, dark blue sans-serif font. The letter "O" is replaced by a red circular graphic with a white outline and a small white dot in the center, resembling a stylized eye or a train wheel.The logo for Siemens, featuring the word "SIEMENS" in a bold, teal sans-serif font.

- Both Offerors:
 - Have experience and presence in the United States
 - Are experts in the rolling stock industry relative to passenger equipment ranging from streetcars to high-speed trainsets
 - Are internationally recognized and have significant experience with the design, manufacture, delivery, and maintenance of high-speed trainsets
 - Have been key participants in industry efforts relative to the development of regulatory language for FRA Tier III train requirements

RFP – Scope

- Procurement of six trainsets capable of operating at 220 mph, and tested to 242 mph:
 - Two prototypes to support static/dynamic testing and trial running
 - Delivery to Authority four years from Notice to Proceed
 - Four production trainsets to support revenue operations of the Early Operating Segment (Merced to Bakersfield)
 - Ready for revenue service by 2030 - 2033
- To meet goals, a trainset manufacturer must be under contract in 2024
- Procurement also includes deliveries of the driving simulator and trainset spares
- Provision of 30 years of trainset maintenance, inclusive of a mid-life overhaul



RFP – Scope, continued

- Contract will be a supply-maintain agreement
- Trainsets will be designed to meet performance-based requirements
- Scope of work includes the following:
 - » Design, manufacture, delivery, integration, testing, and commissioning of the trainsets;
 - » Maintenance of each trainset for 30 years, including a mid-life overhaul, and provision of all spares (i.e., interchangeable parts of a trainset) for such trainsets;
 - » Design, manufacture, installation, testing, commissioning, maintenance, and update of the driving simulator;
 - » Development and provision of design criteria to inform interfaces with the facilities, track, systems, and stations;
 - » Participating in the testing and commissioning of the facilities, track, systems, and stations;
 - » Development and provision of information to support the certification and subsequent commissioning of the trainsets; and
 - » Operation and maintenance of the equipment needed to maintain the trainsets within the Heavy Maintenance Facility (to be built by others)

RFP – Scope, continued

- Current P50 estimate as per 2023 Project Update Report is \$533.68M for six trainsets and the driving simulator
- Breakdowns for the Notices to Proceed (NTPs) are as follows:
- NTP 1:
 - » Identification of Critical Interfaces; Mobilization and Engineering Design Services
 - » Two Prototype Trainsets and Static + Dynamic Testing
 - » Four Production Trainsets and Pre-Revenue Testing
 - » Provision of Trainset Spares
- NTP 2:
 - » Driving Simulator
- NTP 3:
 - » Delivery of an option order of up to fifteen additional trainsets
- NTP 4:
 - » Commencement of the Overall Trainset Service Period, including the planning and coordination efforts related to the mid-life overhaul
- NTP 5:
 - » Commencement of the Mid-Life Overhaul for the trainsets

Note: Board approvals required prior to issuances of NTPs 3, 4, and/or 5.

RFP – Evaluation Criteria

- General proposal review (e.g., responsiveness, pass/fail review, financial capacity, etc.)
- Best value evaluation
 - » Weighting: 60% Price and 40% Technical
 - » Price includes capital delivery costs of the six trainsets, spares, and driving simulator and operational costs for maintenance and the mid-life overhaul

RFP – Evaluation Criteria, continued

- Responsiveness to programmatic elements
 - » Compliance with **Buy America Provisions**
 - FRA's Buy America statute requires final assembly of trainsets to be in the U.S. from 100% domestic components, unless justified waivers granted by U.S. Secretary of Transportation;
 - Based on dollar value, over 90% of high-speed trainset components are domestic, but certain items are still not produced in the U.S.;
 - FRA waivers have been requested by others in the industry, including Amtrak and Brightline West;
 - Authority's proposers will be required to submit formal requests for limited waivers, if any, for specified components;
 - Authority will work with FRA on the issuance of waivers, consistent with industry practice; and
 - Authority staff will issue an addendum to the RFP to reflect any granted (or rejected) FRA waivers and extend the Proposal deadline if needed.

RFP – Evaluation Criteria, continued

- Responsiveness to programmatic elements, continued
 - » Compliance with **Authority’s Small Business Program (2023 Revision)**
 - The contract will be a blend of state and federal funds. Goals include:
 - 25% Small Business (SB) on state portion --
 - ✓ Inclusive of 3% Microbusiness (MB);
 - 3% Disabled Veteran Business Enterprise (DVBE) on total contract value; and
 - 10% Disadvantaged Business Enterprise (DBE) on total contract value
 - The contract will permit the Authority to withhold issuance of an NTP or a portion of an NTP if the Authority is not satisfied with the contractor’s SB Performance Plan and effort.
 - Evaluation and scoring of proposals will include:
 - Proposer’s approach and process to develop SB/DBE/DVBE participation throughout contract term;
 - Proposer’s list of SBs, MBs, DVBEs, and DBEs, their scopes, percentage of work, qualifications, and experience; and
 - Proposer’s SB commitments and SB communication plan

RFP – Evaluation Criteria, continued

- Responsiveness to programmatic elements, continued
 - » Labor Compliance and **Labor Organizations**
 - The contract will require the **contractor** to comply with all applicable state and federal laws and regulations.
 - The contract will require the contractor to assume the obligations of the **Memorandum of Understanding with Signatory Labor Organizations** regarding the performance of traditional rail work that includes the inspection, maintenance and/or repair of trainsets and/or maintenance facilities.

RFP – Evaluation Criteria, continued

- Responsiveness to programmatic elements, continued
 - » Labor Compliance – Submittal of a draft **U.S. Employment Plan**
 - Proposers will be scored on their draft U.S. Employment Plan, which includes:
 - Identification of U.S. locations of final assembly and manufacture of trainsets and trainset components;
 - Description of jobs created and/or retained;
 - Job compensation and benefits such as medical and dental coverage, retirement, paid sick leave and paid vacation;
 - Workforce training plans, including dollar commitment for workforce development, apprenticeship, and training programs;
 - Outreach and recruitment for new hires, entry level positions, and disadvantaged workers; and
 - Approach to encourage subcontractor and supplier participation in the U.S. Employment Plan
 - The contract will permit the Authority to withhold issuance of an NTP or a portion of an NTP if the Authority is not satisfied with the contractor’s effort to fulfilling its U.S. Employment Plan
 - Contract will require annual reports on Contractor’s adherence to the commitments made in its U.S. Employment Plan

RFP – Key Dates

Board Approval to release RFP	April 11, 2024
Release RFP to the shortlisted teams:	Mid-April 2024
HSR Small Business Fast-Track Networking Fair:	May 7, 2024
RFP Addendum, if needed:	Summer 2024
Proposals Due:	Fall 2024
Board Approval to award contract and issue NTPs 1 & 2:	Quarter 4, 2024



Questions