



CALIFORNIA
High-Speed Rail Authority

Track and Systems Construction Contract (TSCC)

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Summary of Request

- **Release of a Request for Proposals (RFP) for the Track and Systems Construction Contract (TSCC) procurement:**
 - Construction services for the track, overhead contact system (OCS), and related civil works on the 119-mile First Construction Section.
 - » Installation of Ballast, Ties, Rail, and all OCS components (poles, wires, and brackets)
 - Design and construction services for the 119-mile First Construction Section of the high-speed rail systems, including traction power, train control, and communications systems.
 - » Final design and installation of a fully integrated Signaling and Communication System
 - » Final design, purchase of long lead items and construction of Traction Power Substations
 - » Testing, commissioning, and safety certification for the high-speed rail system
 - Construction, long lead items, testing, and commissioning for track, OCS, traction power, train control, and communications systems the Merced and Bakersfield Extensions.

Track and Systems Construction Contract (TSCC)

- **Procurement Overview**

- Selection will be based on team qualifications, technical proposal elements, and a price proposal, based on a best-value approach.
- Proposals will include pricing for civil, track, and OCS portions of the construction Work.
- Pricing for systems Work will be based on negotiated work packages with open book pricing.
- Selection of the systems original equipment manufacturer (OEM) will occur after award of the Contract and will be based on a competitive process with open book pricing.

Track and Systems Construction Contract (TSCC)

- **Contract Term: Begins upon Contract execution and extends until Final Acceptance of all Work, with certain obligations, such as warranty obligations extending beyond Final Acceptance.**
- **Estimated Contract Value: Not-to-Exceed \$3.5 billion**
 - Work will be divided into 9 separate Packages.
 - Each Package will be authorized through a Notice to Proceed (NTP)
 - Separate cost for each Package, whether lump sum, Guaranteed Maximum Price (GMP), or other combination, with specific details and scope of work.
 - » Partnering, collaboration, in-depth communication, motivation for innovation, and progressive project development, as a means for managing cost, risk, and schedule.

Track and Systems Construction Contract (TSCC)

- **Scope of Work Summary**

- The Contractor will be responsible for the 119-mile First Construction Section:
 - » Construction Work for track, overhead contact system (OCS), and related civil works
 - » Design and construction for high-speed rail systems, including traction power, train control, and communications;
 - » Systems integration;
 - » Safety certification; and
 - » Testing and commissioning
- The Contractor will also be responsible for the following Work for the Merced and Bakersfield Extensions:
 - » Construction Work for track, overhead contact system (OCS), and related civil works
 - » Design and construction for high-speed rail systems, including traction power, train control, and communications;
 - » Systems integration;
 - » Safety certification; and
 - » Testing and commissioning

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- **Planned Notices to Proceed:**

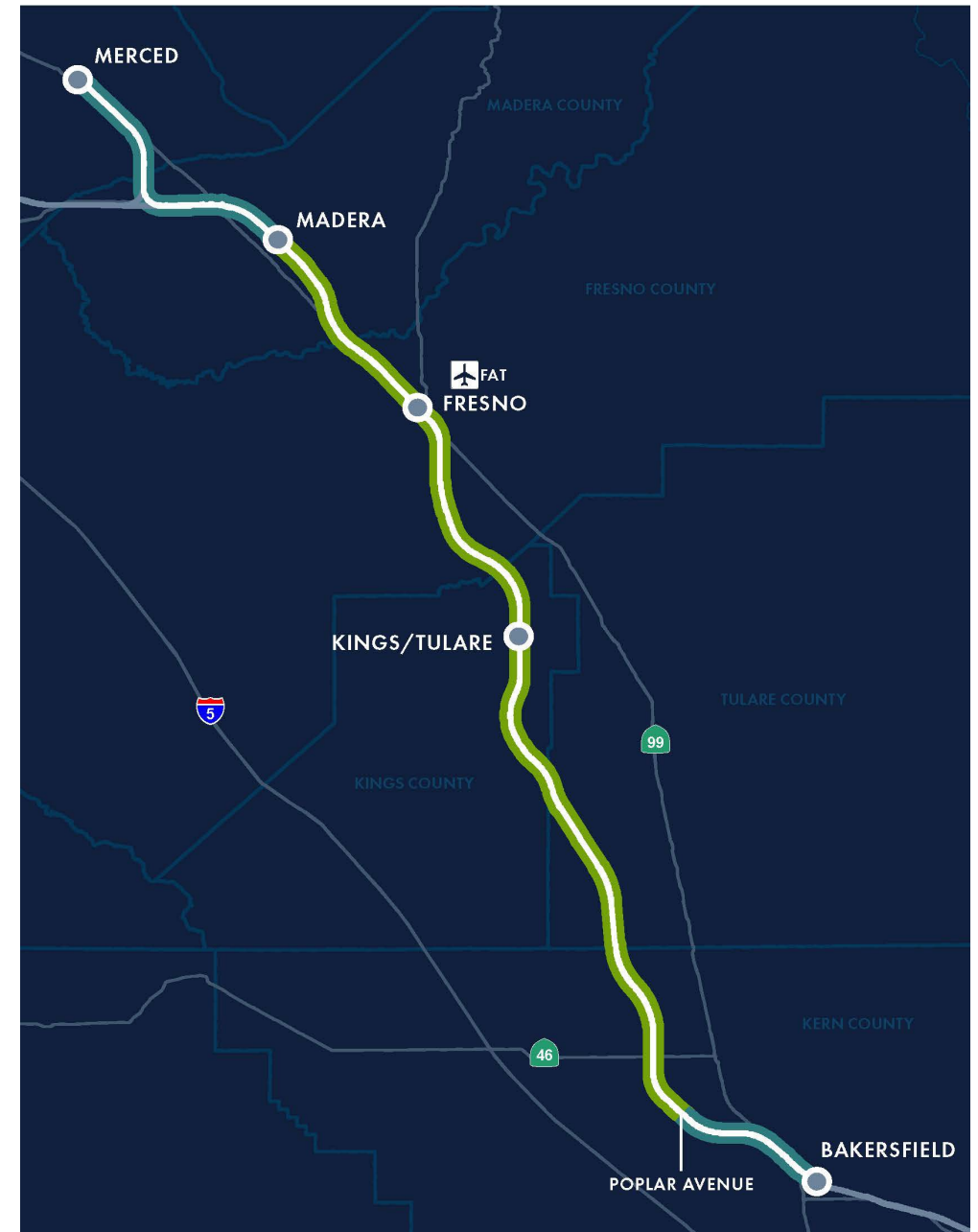
- **NTP 1:** (A) Mobilization, procurement of long lead materials and equipment for NTP 2-4 construction; and (B) all systems design work and systems OEM procurement for the 119-mile First Construction Section.
- **NTP 2:** Civil, track, and OCS construction within CP 4.
- **NTP 3:** Civil, track, and OCS construction within of CP 2-3.
- **NTP 4:** Civil, track, and OCS construction within CP 1.
- **NTP 5:** Mobilization of traction power, train control and communications systems teams, including OEM suppliers, and procurement of long lead materials and equipment for systems work.
- **NTP 6:** Construction, testing, and commissioning of the train control and communications systems for the 119-mile First Construction Section.
- **NTP 7:** Construction, testing, and commissioning of the traction power system for the 119-mile First Construction Section.
- **NTP 8:** Construction, testing, and commissioning for track, OCS, traction power, train control, communications systems for the Merced Extension.
- **NTP 9:** Construction, testing, and commissioning for track, OCS, traction power, train control, and communications systems for the Bakersfield Extension.

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- TSCC Contractor is required to meet the certain Milestone Deadlines to be established at each NTP, with the overall goal to achieve revenue service by January 1, 2032, as outlined in the Authority's 2024 Business Plan and 2025 Project Update Report.
- TSCC Contractor will be required to start track construction no later than December 15, 2026.
- Each NTP will include interim milestone deadlines, as needed, to track and complete the work of both this Contract and the work of Interfacing Contractors.

Construction Location Central Valley

- **119-mile First Construction Section**
 - Madera to Poplar Ave
 - Provides for testing & certification of the nation's first electrified high-speed rail system
- **171-mile Early Operating Segment**
 - Extensions to Merced and Bakersfield



Track and Systems Construction Contract

This is an action item, and staff recommends approval of the associated Board Resolution which would:

- Authorize the CEO or designee to release a Request for Proposals (RFP) for the Track and Systems Construction Contract (TSCC) procurement.



Questions?