



CALIFORNIA
High-Speed Rail Authority

Design Services for Track and Overhead Contact Systems (OCS) Contract Award

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Summary of Request:

- Approval to award and execute contract for Design Services for Track and Overhead Contact Systems (OCS)
 - » Design of 171 miles (Merced to Bakersfield) of track, OCS, and related civil work
 - » First procurement of the proposed new Track and Systems procurement strategy approved with adoption of 2024 Business Plan
 - » Critical for achieving certification from the Federal Railroad Administration
- Initial contract value is up to \$131.2 million (Notice to Proceed 1, or NTP 1)
- Total contract value is up to \$161 million (not to exceed) with northern and southern extension options (NTPs 2 & 3)
 - » Prior to exercising extension options (NTPs 2 & 3), staff will obtain Board approval

Design Services for Track and OCS: Contract Details

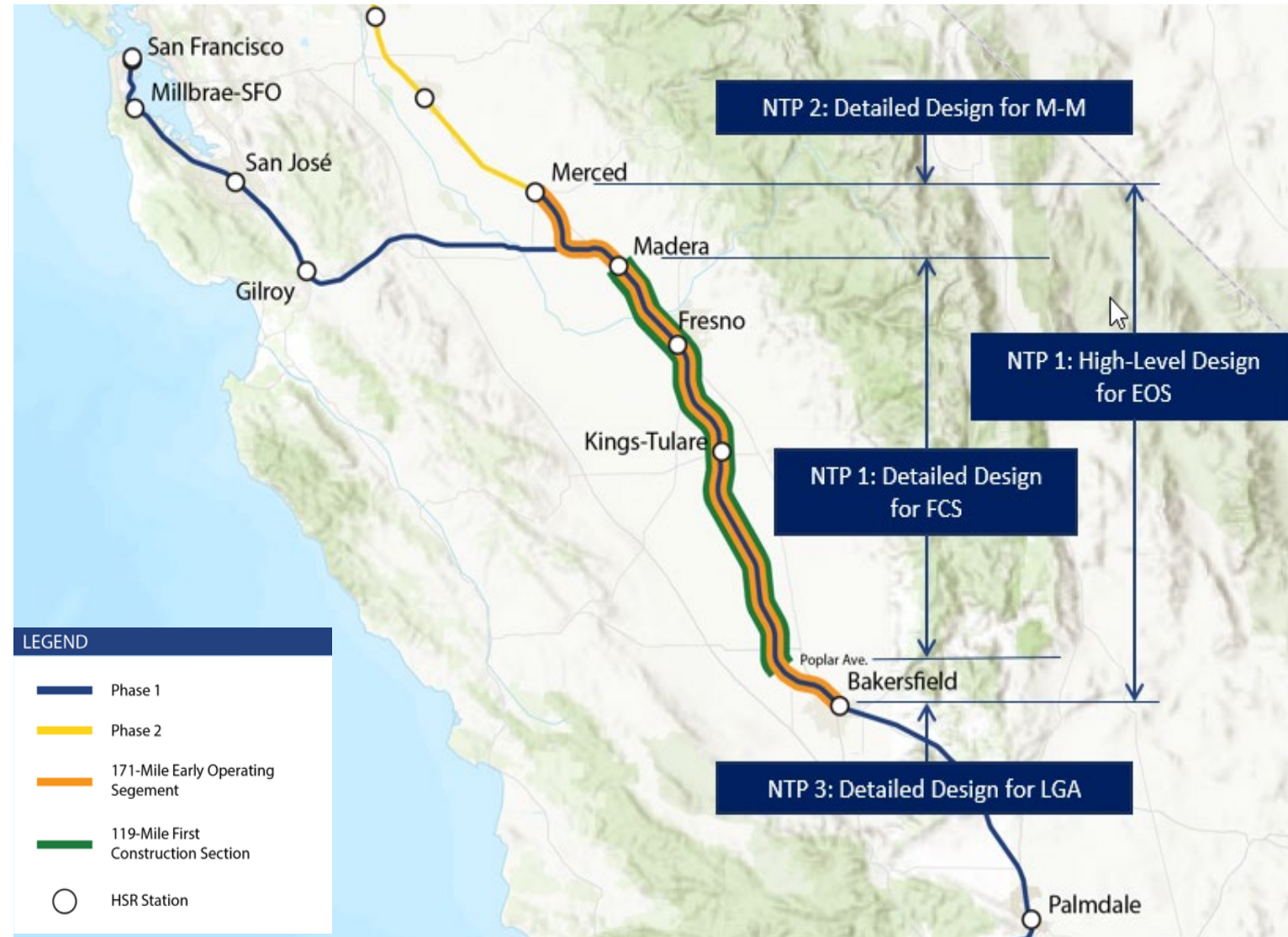
- Contract term will be 6 years, 8 months (NTPs 1 through 3)
- Estimated Cost: \$161M (not to exceed)
 - » NTP 1 - five years and two months, \$131.2 million
 - Detailed Design for the First Construction Section (FCS)
 - » NTP 2 will be approximately four years, (overlapping with NTP 1)
 - Detailed Design for Merced-Madera
 - » NTP 3 will be approximately four years, (overlapping with NTPs 1 & 2)
 - Detailed Design for Locally Generated Alternative (LGA)
- Board action today would authorize NTP 1
 - » Contract value is consistent with the Expenditure Authorization approved by the Board in January 2024
 - » Staff will return to Board prior to issuing NTPs 2 & 3

Design Services for Track and OCS: Scope of Work

- Produce high-level designs for track and OCS elements for the entire guideway from Merced to Bakersfield; detailed designs for the 119-mile section from Madera to Poplar Ave. (Construction Packages 1, 2-3, and 4)
- Design of the track system, including the sub-ballast layer, OCS, along-track cable containment, across-track ducts, access walkways, fencing, and drainage
- Manage technical and non-technical interfaces related to contract scope with interfacing contractors/consultants
- Implements Building Information Modelling (BIM) for the development of the initial digital model
- The contract includes provisions for a performance-based fee structure
 - » Key performance indicators—including collaboration with interfacing contractors —must be met to earn the fee

Design Services for Track and OCS: Scope of Work Cont'd

- NTP 1
 - » Initial Deliverables
 - » High-Level Design for 171-mile Early Operating Segment
 - » Detailed Design for 119-mile First Construction Section
 - » Construction support services/collaboration with Track/OCS CM/GC
- NTP 2
 - » Detailed Design for M-M
 - » Construction support services/collaboration with Track/OCS CM/GC
- NTP 3
 - » Detailed Design for LGA
 - » Construction support services/collaboration with Track/OCS CM/GC



Request for Qualifications Procurement Overview

- Request for Qualifications (RFQ), including submission requirements, scoring criteria, and draft agreement, was approved for release by the Board on November 2, 2023
- Managed directly by Authority staff as a qualifications-based contract
- Governed by the State's architectural and engineering (A&E) requirements found in Government Code section 4525 et seq., Authority's regulations (21 Cal. Code Regs. § 10000 et seq.), Board Policy, and other applicable state and federal requirements
- Small business, Disadvantaged Business Enterprise, and Disabled Veteran Business Enterprise utilization goals were included in the requirements
 - » 25% Small Business utilization goal, inclusive of 3% carve-out for Microbusiness (applied to State funds)
 - » 10% Disadvantaged Business Enterprise goal (applied to full contract value)
 - » 3% Disabled Veteran Business Enterprise goal (applied to full contract value)
- Environmental, social, and governance efforts, which can include any environmental sustainability efforts, socio-economic equity policies, and governance policies, or a report, were also part of the pass/fail requirements

Design Services for Track and OCS: Evaluation and Performance

- Statements of Qualifications (SOQs) were received from two Offerors
- SOQs were evaluated and scored by an Evaluation Selection Committee (ESC) pursuant to established criteria in the RFQ
- Both Offerors were invited to Discussions with the ESC and were scored on their Discussions based on criteria in RFQ
- Final ESC consensus scores were computed in accordance with the RFQ
- Notice of Proposed Award was published, identifying SYSTRA | TYPESA Joint Venture as the highest-ranked Offeror
- The performance-based fee range negotiated in the Task Order is limited to between 8% to 11% based on excellent performance and other factors

SYSTRA | TYPESA Joint Venture

- Systra | Typsa team has worked together for more than two decades
- Has partnered with California rail and transit agencies for more than 35 years
- Extensive European high-speed rail experience
- Actively partnered with 20 subcontractors for this contract
- **Strong Small Business Participation**
- 19 Named Small Business Partnerships (18 firms have California offices)
 - » 12 Microbusiness
 - » 10 Disadvantaged Business Enterprises
 - » 2 Disabled-Veteran Business Enterprises
 - » 1 Certified LGBT Business Enterprise (LGBTBE)*
*California Public Utilities Commission's Utility Supplier Diversity Program
- **Committed to Achieving a 32.00% SB/DBE/DVBE Goal**

Design Services for Track and OCS

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

- Authorize the CEO or designee to execute the contract with SYSTRA|TYP SA Joint Venture for a not-to-exceed value of \$131.2 million for the work associated with Notice to Proceed 1



Questions?