



CALIFORNIA
High-Speed Rail Authority

**CALIFORNIA HIGH-SPEED RAIL:
Track and Overhead Contact
Systems(OCS) Design Services
Request for Qualifications**

Bruce Armistead

Chief of Rail and Operations Delivery

November 2, 2023

Summary of Request:

- Issuance of Request for Qualifications (RFQ) to procure Design Services for Track and OCS to the Authority.
 - » First procurement of the proposed new Track and Systems procurement strategy.
 - » Critical for achieving certification from the Federal Railroad Administration.
- Staff seeks Board approval to release the RFQ.
- Staff will seek Board approval prior to awarding this agreement.
- Initial contract value is up to \$131.2 million (not to exceed).
- Total contract value is up to \$161 million (not to exceed) with potential extension options.
- Prior to exercising either of the extension options, staff will request and obtain Board approval.

Background

- New procurement strategy

Package	Scope	Description	Indicative Timing
Package 1 <i>(broken up into two separate contracts)</i>	Track and Overhead Contact System (OCS) (Track Civil Works, Track Bed, Track, and OCS)	Package 1A: Design <i>Architectural & Engineering contract</i>	Q4 2023
		Package 1B: Construction Manager/General Contractor (CM/GC) <i>CM/GC contract</i>	Q1 2024
Package 2	Systems (Signaling, train control, core communications and traction power system, Supervisory Control and Data Acquisition)	Package 2: Systems <i>Progressive Design-Build contract</i>	Q1 2024
Package 3	Trainsets	Package 3: Trainsets <i>Supply-Maintain contract</i>	RFQ: Q3 2023 RFP: Q1 2024
Package 4	Depots/Facilities	Package 4: Depots/facilities <i>[Packaging and scope of depots/facilities subject to ongoing discussion]</i>	Q2 2024 (Design) 2026 (Construction)
Additional Contracts	Program-wide support for Track and Systems	Integration Support	Q1 2024
		Independent Safety Assessor (ISA)	Q4 2023
		Independent Cost Estimator (ICE)	Q2 2024
		Construction Manager	Q2 2024

Draft Contract Terms:

- Contract term will be 6-years, 8 months
- Estimated Cost: \$161 M for the 6-year, 8-month term (not to exceed)
- This is a qualifications-based procurement; fair and reasonable fees and costs will be negotiated with the top-ranked Offeror prior to executing a contract
- Comply with current Small Business Program requirements

Scope of Work

- Produce high-level designs for track and OCS elements that cover the entire guideway from Merced to Bakersfield; detailed designs for the 119-mile Section from Madera to Poplar Ave.
- 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 with interfacing contractors/consultants.

Scope of Work

- NTP 1
 - » Initial Deliverables
 - » High-Level Design for EOS
 - » Detailed Design for FCS
- NTP 2
 - » Detailed Design for M-M
- NTP 3
 - » Detailed Design for LGA



Scope of Work



Evaluation and Performance

- The Statements of Qualifications will be evaluated and scored by an Evaluation Selection Committee pursuant to established criteria in the RFQ.
- Pre-award audits will be conducted concurrently with negotiations prior to execution.
- The contract includes provisions for a performance-based fee structure. Key performance indicators must be met to earn the fee.
- The performance-based fee range negotiated in the Task Order is limited to between 8% to 11% based on excellent performance and other factors.

Procurement Schedule

Activity	Date
RFQ advertised on Cal eProcure	November 3, 2023
Virtual Pre-Bid Conference and Small Business Informational Workshop	November 15, 2023
Statements of Qualifications Due	January 22, 2024
Anticipated Notice of Proposed Award Released	February 16, 2024
Board Meeting	April 2024
Contract Execution and Issuance of NTP1	April 2024
NTP2	TBD
NTP3	TBD



Questions?