



CALIFORNIA
High-Speed Rail Authority

Rail Materials Procurements Invitations for Bids

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Rail Materials Components

- Staff seeks Board approval for the Invitation for Bids for Rail Materials in separate procurements.
 - » Rail
 - » Concrete Ties
 - » Overhead Contact System (OCS) Poles
 - » OCS Components
 - » Fiber Optic Cable
 - » Ballast
- Authority seeks to purchase the rail materials necessary for the construction of its high-speed track and systems in the 119-mile First Construction Section.
- Staff has conducted an analysis of the high-speed rail supply chain and has determined that purchasing these long lead items directly will likely result in significant cost and schedule savings to the Authority.
- The Authority is seeking materials that conform to the technical specifications.

Project Funding Details

- The materials needed for the 119-mile First Construction Section will be 100% state funded.
 - » Total Project Cost: \$507.1 million
- Staff will seek future authorization to purchase materials for future extensions, which may include blended federal and state matching funds.

Project Funding Details – Notices to Proceed

- For each materials contract, a Notice to Proceed (NTP) will be issued in multiple stages as follows:
 - » NTP 1: supply of materials for use in the 119-mile First Construction Section (Madera to Poplar Avenue) Note: NTP 1 is 100% state funded
 - » NTP 2 & 3 are optional and are at the Authority's discretion to approve purchase of additional materials for use future extensions and may include a blend of state and federal funding
- Staff seeks Board approval to issue each Invitation, Award, and NTP 1 for each contract
 - » Staff will seek additional Board approval for issuance of NTP 2 & NTP 3 at a later date.

Rail

- Long welded UIC 60 E1 rail.
- The rail must be compliant with the Authority's specifications and production must be sufficient for an average of 0.5 mile of track laying per day.
- Estimated lead time 6-12 months.

Concrete Ties

- Prestressed pretensioned monobloc concrete crossties for use with UIC 60E1 rail.
- Must be compliant with the Authority's specifications and production must be sufficient for an average of 0.5 miles of track laying per day and an average of 2,680 ties per mile for one track.
- Estimated lead time 1-2 months.

Overhead Contact System (OCS) Direct Components

- These are components necessary for delivery of electrical power to trains.
- Must be compliant with the Authority's specifications.
- Lead time 6-12 months.
- OCS & Related Components:
 - » Messenger Wire
 - » Contact Wire
 - » Dropper Wire
 - » Dropper Clamps
 - » Cantilever Components (21)
 - » Negative Feeder
 - » Return Conductor
 - » Single and Double Cantilever Poles

Overhead Contact System (OCS) Poles

- Steel OCS Poles, including baseplates.
- Must be compliant with the Authority's specifications.
- Estimated lead time 6-12 weeks.

Fiber Optic Cable

- Single-mode, loose-tube, steel-tape armored cable designed for outdoor use along the California high-speed line system, suitable for direct underground burial and inside ducts.
- Must be compliant with the Authority's specifications.
- Estimated lead time may be up to 6 months.

EN (European Standard) Ballast

- Composed of crushed igneous rock.
- Must be compliant with the Authority's specifications and production must be sufficient for an average of 0.5 miles of track laying per day and an average of 3,200 pounds of ballast per foot for one track.
- Estimated lead time 2-3 weeks.
- Multiple contract awards anticipated to meet the Authority's production needs.
 - » Bidders will be ranked with the lowest responsible bidder being ranked 1st, etc, and purchase orders will be offered to contractors in rank order.

Basic Terms

- Total value of all materials contracts included in this Board action is not to exceed \$507.1 million
- The duration of each contract will be 4 years.
- Contracts will be awarded to the lowest responsible bidder(s).
- All materials must be newly manufactured goods and comply with the Buy America and the Build America, Buy America Act.

Next Steps

- Staff will complete the Invitation documents.
- Seeking approval to release the procurements when they are ready.
- Invitation for bids are scheduled to begin on or after August 2025.