



CALIFORNIA
High-Speed Rail Authority

**Consider providing Approval to Execute and
Award the Rail Systems Engineering
Services (RSES) Support Contract**

Bruce Armistead
Chief of Rail and Operations Delivery

December 6, 2023

Purpose

- Consideration to provide approval to execute and award the Rail Systems Engineering Services (RSES) support contract.

Summary of Contract

The Rail Systems Engineering Services Consultant will:

- Provide a core group of rail engineers to support the Authority in a partner role with expertise in traction power/catenary, signal/train control and communications, network and general program integration, high-voltage, track, stations and station integration, rail equipment and operations to develop rail-related scope, engineering, and plans.
- Review all civil designs to ensure:
 - » Compliance with the Authority's Design Criteria Manual (DCM),
 - » Track and systems requirements are met, and
 - » That no elements would interfere with rail construction, rail maintenance, and/or rail operations.
- Respond to all special requests and technical evaluations that arise beyond construction and plan reviews, including environmental documents and preliminary design reviews.
- Support the Authority in the integration of elements of the rail system and in the management of these interfaces.
- Provide oversight support for civil, track and systems elements, trainsets, and stations.
- Manage risk register and system safety of all safety cases related to civil, track, systems, trainsets, and stations.

Summary of Contract

The Rail Systems Engineering Services Consultant will support the following Contracts:

- Track
- Systems
- Trainsets
- Stations
- Construction Management (Rail Contracts)

Request for Qualifications Procurement Overview

- Managed directly by Authority staff as a qualifications-based contract.
- Governed by the state's architectural & engineering (A&E) requirements and the Authority proceeded in accordance with Government Code section 4525 et seq., the Authority's regulations, Board policies for Requests for Qualifications (RFQ), and other applicable state and federal requirements.
- Small business (SB), Disadvantaged Business Enterprise (DBE) and Disabled Veteran Business Enterprise (DVBE) utilization goals:
 - » 30% Small Business utilization goal, inclusive of 10% DBE utilization goal and 3% DVBE utilization goal.
 - » RFQ went out and Statements of Qualifications were submitted prior to the Board approving the new SB Program goals.

Implementation of the Procurement Process

- The Authority issued a Request for Qualifications (RFQ) on July 25, 2023.
- The Authority received two qualifying Statements of Qualifications (SOQs) in response to its RFQ for support contract.
- The SOQs were submitted by the following Offerors:
 - » Atkins North America, Inc. which includes subconsultant Ingeniería y Economía del Transporte S.M.E. M.P., S.A. (Ineco), and 15 SB/DBE/DVBE firms.
 - » Network Rail Consulting Inc., which includes subconsultants Egis Rail Inc. USA, Ricardo Inc., and six SB/DBE/DVBE firms.
- Offerors were scored on SOQs pursuant to the criteria set forth in the RFQ.
- Both Offerors were invited to Discussions with the Authority and were scored on their Discussions according to the criteria in the RFQ.
- The final score was computed in accordance with the RFQ.

Scoring, Negotiation and Next Steps

- Final scores were computed from weighted combinations of SOQ (60%) and Discussion (40%) scores, in accordance with the RFQ.

Offeror	Total Weighted SOQ Score	Total Weighted Discussion Score	Final Score	Rank
Network Rail Consulting Inc.	57.12	37.20	94.32	1
Atkins North America, Inc.	56.58	36.28	92.86	2

- Pre-award reviews were conducted concurrently with negotiations prior to execution.
- Upon Board action, staff will finalize and execute the agreement in December 2023.
- Staff will then collaboratively develop task orders for the initial activities in the scope.

Conclusion

This is an action item, and staff recommends approval of the associated resolution, which would, in summary:

- Authorize the CEO or designee of the CEO to execute a 5-year, 4-month contract with Network Rail Consulting Inc. for up to \$73.2 million.