

Metropolitan Transportation Commission
Regional Network Management Committee

July 12, 2024

Agenda Item 3b

**Contract - Regional Intelligent Transportation System (ITS) Architecture: Kimley-Horn
and Associates, Inc. (\$2,000,000)**

Subject:

Authorization to negotiate and enter into a contract with Kimley-Horn and Associates, Inc. (KHA) for an amount not to exceed \$2,000,000 to provide software development, maintenance, and operations for the Regional ITS Architecture system through June 30, 2029.

Background:

The Bay Area Regional ITS Architecture (RITSA) is the blueprint for ITS project coordination and integration in the San Francisco Bay Area. The Bay Area RITSA is available online at <https://itsbayarea.mtc.ca.gov>. It is periodically upgraded and maintained by the Metropolitan Transportation Commission (MTC) on behalf of the region's stakeholders. The purpose of the Architecture is to accurately represent the region's existing and future use of information, technology, and automated systems to improve safety and efficiency for travelers and the agencies providing transportation services across all modes. The system also maintains inventory of mobility projects and services that benefit travelers in the region.

The Bay Area RITSA follows the national Architecture Reference for Cooperative and Intelligent Transportation (ARC-IT) framework and is maintained to comply with the latest ARC-IT version. Changes to the system are made based on Bay Area stakeholders' input. The Bay Area RITSA facilitates ITS planning and aids in coordinated ITS project development, procurement, and delivery. The Architecture website provides access to comprehensive information about the ITS in the region, including project-specific data. Bay Area agencies that implement ITS projects using Federal transportation funds must be consistent with the Bay Area ITS Architecture (pursuant to 23 CFR 940.9 and 940.11). It provides all the components required by the FHWA (Federal Highway Administration) Final Rule and FTA (Federal Transit Administration) Policy for regional ITS architectures.

Procurement Process:

MTC staff directly selected KHA from the 2023 Project/Program Management and Strategic Advisor Support bench to support the design and development of the Bay Area RITSA system for a contract not to exceed \$2,000,000. KHA has helped design and develop the existing Bay Area RITSA system since 2021. Due to funding limitations in the recently expired contract, KHA was not able to complete the development of the envisioned system with a map interface and self-managed stakeholder data. However, if approved, their knowledge and expertise on the existing system will allow KHA to seamlessly continue work on the unfinished enhancements of the system without delay, saving MTC resources.

KHA is neither a disadvantaged business nor a small business enterprise. Attachment A includes a summary of KHA and its project teams' disadvantaged business and small business enterprise status.

Issues:

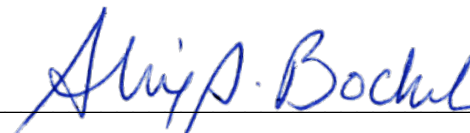
None identified.

Recommendations:

Staff recommends that the Regional Network Management Committee authorize the Executive Director or his designee to negotiate and enter into a contract in an amount not to exceed \$2,000,000 with KHA to design, develop, and maintain the Bay Area RITSA system through June 30, 2029.

Attachments:

- Attachment A: Disadvantaged Business Enterprise and Small Business Enterprise Status
- Attachment B: Request for Committee Approval – Summary of Proposed Contract


Alix Bockelman

Disadvantaged Business Enterprise and Small Business Enterprise Status

	Firm Name	Role on Project	DBE* Yes / No	If DBE Yes, List #	SBE** Yes / No	If SBE Yes, List #
Prime Contractor	Kimley-Horn and Associates, Inc.	System development	No		No	
Subcontractor	Consensus Systems Technologies Corporation	System Engineering Documentation	No		No	
Subcontractor	Oz Engineering, LLC	Database design and development	Yes	42567	No	

*Denotes certification by the California Unified Certification Program (CUCP).

**Denotes certification by the State of California.

Request for Committee Approval

Summary of Proposed Contract

Work Item No.: 1239

Consultant: Kimley-Horn and Associates, Inc.
Oakland, CA

Work Project Title: Regional Intelligent Transportation System (ITS) Architecture.

Purpose of Project: To accurately represent the region's existing and future use of information, technology, and automated systems to improve safety and efficiency for travelers and the agencies providing transportation services across all modes.

Brief Scope of Work: Continue development and maintenance of the Regional ITS Architecture System.

Project Cost Not to Exceed: \$2,000,000

Funding Source: STP-T6-OBAG3-REG-MSOP

Fiscal Impact: Funds included in the FY 24-25 MTC agency budget.

Motion by Committee: That the Executive Director or designee is authorized to negotiate and enter into a contract with Kimley-Horn and Associates, Inc. for Regional Intelligent Transportation System (ITS) Architecture system described above and in the Regional Network Management Committee Summary Sheet dated July 12, 2024 and that the Chief Financial Officer is authorized to set aside \$2,000,000 for such contract.

Regional Network
Management Committee:

David Rabbitt, Chair

Approved: July 12, 2024