

Bay Area Infrastructure Financing Authority
Network and Operations Committee

June 13, 2025

Agenda Item 4b

Purchase Orders - Services for Express Lanes Backhaul Network:

- i. Network Consulting Services: SSP Data (\$1,107,720);**
- ii. Telecommunication Services: AT&T (\$291,600)**

Subject:

Request for approval of two purchase orders for consulting and telecommunication services in support of the BAIFA Express Lanes Network operations on Interstate 680 (I-680) and Interstate 880 (I-880), the San Mateo County Express Lanes Joint Powers Authority (SMCEL-JPA) express lanes operations on US 101, and for implementation and support of the new BAIFA Interstate 80 (I-80) Express Lanes from Fairfield to Vacaville. Each vendor will be procured using a collaborative intergovernmental procurement agreement (IPA), which satisfies BAIFA's procurement requirements, subject to the approval of the BAIFA Fiscal Year (FY) 2025-26 Operating and Capital Budgets.

Background:

The Express Lanes Backhaul Network (Backhaul) is a metropolitan area network established to support BAIFA Express Lanes tolling operations, facilitating the transfer of data such as toll tag information, license plate images, and video feeds. It connects individual express lanes corridors to the toll system hosts and regional operation data centers located in San Francisco, Martinez, and Oakland. The Backhaul began operations in October 2017 in support of BAIFA's I-680 Express Lanes in Contra Costa County between Martinez and San Ramon and has expanded to support the I-880 Express Lanes in Alameda County between Oakland and Fremont and SMCEL-JPA's Express Lanes on US 101 between Palo Alto and Interstate 380. In addition, the Backhaul will support the upcoming I-80 Express Lanes in Solano County from Fairfield to Vacaville. The Backhaul leverages existing communications infrastructure owned by Caltrans, Bay Area Rapid Transit (BART), and City of Fremont and has been designed to accommodate future transportation related use by Caltrans, MTC, and the Bay Area Toll Authority (BATA).

Network Consulting Services – SSP Data (\$1,107,720):

BAIFA manages the Backhaul network and requires network engineering expertise and field resources to assist agency staff. Similar expertise and abilities are needed to provide technical oversight for the expansion of the network to I-80 supporting the ongoing coordination and work with the express lane toll system integrator, Caltrans, BART, managed service providers, and telecommunications service providers. Services provided by specialized consultant staff are critical for maintaining the I-680, I-880, and US 101 Express Lanes operations and maintaining the opening timeframe of the I-80 Express Lanes, expected to traffic Fall 2025. The estimated annual cost of network consulting services is \$1,107,720, an increase of approximately \$408,000 for this year. Much of the increase is due to the need for increased support as the BAIFA must support a larger geographic area and support the pilot of weekend operations under consideration for the I-80 Express Lanes. The purchase order will be procured from SSP Data through a National Cooperative Purchasing Agreement (NCPA) IPA in compliance with agency procurement policies.

Telecommunication Services – AT&T (\$291,600):

The existing communication links between the express lanes corridors and data centers leverage AT&T leased-line services for the primary and redundant secondary links in the Backhaul network. The estimated annual cost of telecommunication services is \$291,600, an increase of approximately \$42,000 from the previous year's estimate. Much of the increase is due to the added service locations along the I-80 Express Lanes that connect to the existing Backhaul network, toll system hosts, and regional data center. The purchase order will be procured from AT&T through the state of California's CalNet NextGen IPA, also in compliance with agency procurement policies.

Attachment A includes a summary of SSP Data's small business and disadvantaged business enterprise status. AT&T is not a small business or disadvantaged business enterprise and does not utilize subcontractors for its services.

Recommendations:

- i. Staff recommends that the Committee authorize the Executive Director or designee to issue a purchase order for services in support of the BAIFA and SMCEL-JPA Express Lanes Networks in an amount not to exceed \$1,107,720 to SSP Data for network consulting services, subject to the approval of the BAIFA FY 2025-26 Operating and Capital Budgets.
- ii. Staff recommends that the Committee authorize the Executive Director or designee to issue a purchase order for services in support of the BAIFA and SMCEL-JPA Express Lanes Networks in an amount not to exceed \$291,600 to AT&T for telecommunication services, subject to the approval of the BAIFA FY 2025-26 Operating and Capital Budgets.

Attachments:

- Attachment A: SSP Data Disadvantaged Business and Small Business Enterprise Status;
- Attachment B: Request for Committee Approval - Summary of Proposed Purchase Order (SSP Data)
- Attachment C: Request for Committee Approval - Summary of Proposed Purchase Order (AT&T)



Andrew B. Fremier

Disadvantaged Business Enterprise and Small Business Enterprise Status

Prime Contractor	Firm Name	Role on Project	DBE* Yes / No	If DBE Yes, List #	SBE** Yes / No	If SBE Yes, List #
	SSP Data	Network Consulting Services	No		Yes	56663

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

**Denotes certification by the State of California.

Request for Committee Approval

Summary of Proposed Purchase Order

Work Item No.:	6843, 6853, 6861, 6864
Consultant:	SSP Data Richmond, CA
Work Project Title:	Express Lanes Backhaul Communications Network
Purpose of Project:	Installation, operation, and maintenance of Backhaul Communications Network in support of the BAIFA and SMCEL-JPA Express Lanes
Brief Scope of Work:	Provide network consulting services for the Backhaul Communications Network
Project Cost Not to Exceed:	\$1,107,720
Funding Source:	BAIFA Express Lanes Program Operating and Capital Budget
Fiscal Impact:	Funding is subject to adoption of the FY 2025-26 BAIFA Operating and Capital Budgets
Motion by Committee:	That the Executive Director or designee is authorized to issue a purchase order to SSP Data for services described above and in the BAIFA Network and Operations Committee Summary Sheet dated June 13, 2025, and the Chief Financial Officer is authorized to set aside \$1,107,720 for such purchase order, subject to approval of the FY 2025-26 BAIFA Operating and Capital Budgets.
BAIFA Network and Operations Committee:	<hr/> Sue Noack, Chair
Approved:	June 13, 2025

Request for Committee Approval

Summary of Proposed Purchase Order

Work Item No.:	6843, 6853, 6861, 6864
Vendor:	AT&T Aurora, IL
Work Project Title:	Express Lanes Backhaul Communications Network
Purpose of Project:	Installation, operation, and maintenance of Backhaul Communications Network in support of the BAIFA and SMCEL-JPA Express Lanes
Brief Scope of Work:	Provide telecommunication services for the Backhaul Communications Network
Project Cost Not to Exceed:	\$291,600
Funding Source:	BAIFA Express Lanes Program Operating and Capital Budget
Fiscal Impact:	Funding is subject to adoption of the FY 2024-25 BAIFA Operating and Capital Budgets
Motion by Committee:	That the Executive Director or designee is authorized to issue a purchase order to AT&T for services described above and in the BAIFA Network and Operations Committee Summary Sheet dated June 13, 2025, and the Chief Financial Officer is authorized to set aside \$291,600 for such purchase order, subject to approval of the FY 2025-26 BAIFA Operating and Capital Budgets.
BAIFA Network and Operations Committee:	<hr/> Sue Noack, Chair
Approved:	June 13, 2025