

**Bay Area Infrastructure Financing Authority**  
**Network and Operations Committee**

**June 14, 2024**

**Agenda Item 4d**

**Contract - Services for Express Lanes Backhaul Network: i. Purchase Order – Network Consulting Services: SSP Data (\$700,000); ii. Purchase Order – Telecommunication Services: AT&T (\$250,000)**

---

**Subject:**

Approval of 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) and the San Mateo County Express Lanes Joint Powers Authority (SMCEL-JPA) express lanes operations on US 101, and for implementation of new Bay Area Infrastructure Financing Authority (BAIFA) express lanes on I-80 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) 2024-25 Operating and Capital Budgets.

**Background:**

The Express Lanes Backhaul Network (Backhaul) is a metropolitan area network established to support BAIFA express lanes tolling operations. 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 SR-380. In addition, the Backhaul will support the upcoming I-80 Express Lanes in Solano County from Fairfield to Vacaville. BAIFA's investment in 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 use by traffic management systems operated by Caltrans, MTC, and the Bay Area Toll Authority (BATA).

**Network Consulting Services – SSP Data (\$700,000):**

BAIFA is a direct operator of the Backhaul network and requires network engineering and field resources to lead this effort as well as provide technical oversight for the expansion of the network to I-80 and ongoing coordination with express lane toll system integrator, Caltrans, BART, managed service providers, and telecommunications service providers. These services are critical for maintaining the I-680, I-880, and US 101 Express Lanes operations and maintaining the installation schedule of the I-80 Express Lanes project. 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 (\$250,000):**

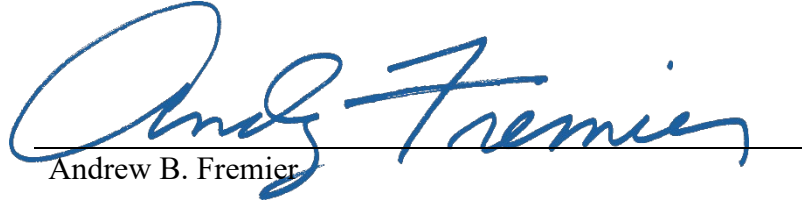
The links between the express lanes corridors and datacenters leverage AT&T leased-line services for primary and redundant secondary links in the Backhaul network. The estimated annual cost of telecommunication services is \$250,000, an increase of approximately \$25,000 from the previous year's estimate. 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 \$700,000 to SSP Data for Network Consulting Services, subject to the approval of the BAIFA FY 2024-25 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 \$250,000 to AT&T for telecommunication services, subject to the approval of the BAIFA FY 2024-25 Operating and Capital Budgets.

**Attachments:**

- Attachment A: SSP Data Disadvantaged Business and Small Business Enterprise Status;
- Committee Approval Sheets



---

Andrew B. Fremier

Disadvantaged Business Enterprise and Small Business Enterprise Status

| Prime Contractor | Firm Name | Role on Project                | DBE*<br>Yes / No | If DBE Yes,<br>List # | SBE**<br>Yes / No | If SBE Yes,<br>List # |
|------------------|-----------|--------------------------------|------------------|-----------------------|-------------------|-----------------------|
|                  | SSP Data  | Network Consulting<br>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: \$700,000

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 SSP Data for services described above and in the BAIFA Network and Operations Committee Summary Sheet dated June 14, 2024, and the Chief Financial Officer is authorized to set aside \$700,000 for such purchase order, subject to approval of the FY 2024-25 BAIFA Operating and Capital Budgets.

BAIFA Network and  
Operations Committee:

---

Carol Dutra-Vernaci, Chair

Approved: June 14, 2024

## 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: \$250,000

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 14, 2024, and the Chief Financial Officer is authorized to set aside \$250,000 for such purchase order, subject to approval of the FY 2024-25 BAIFA Operating and Capital Budgets.

BAIFA Network and  
Operations Committee:

---

Carol Dutra-Vernaci, Chair

Approved: June 14, 2024