

**Bay Area Infrastructure Finance Authority
(BAIFA)**

June 28, 2023

Agenda Item 3d - 23-0809

Services For Express Lanes Backhaul Network

- i. Purchase Order – Network Consulting Services: SSP Data (\$665,000)**
- ii. Purchase Order – Telecommunication Services: AT&T (\$235,000)**

Subject:

A request for approval of purchase orders for consulting and telecommunication services in support of the BAIFA Express Lanes Network operations on I-680 and 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 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 BAIFA Resolution No. 47, FY 2023-24 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 at the Benicia-Martinez Toll Plaza administration building and the Bay Area Metro Center (BAMC) located at MTC's San Francisco offices and the toll operation data centers at Caltrans District 4 headquarters and BAMC. 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 and Bay Area Rapid Transit (BART) 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 (\$665,000):

Network consulting services are needed for the upcoming fiscal year for management of the Backhaul network operations, technical oversight of the Backhaul implementation on I-80, and coordination with project stakeholders including the express lane toll system integrator, Caltrans, BART, 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 (\$235,000):

The long-haul communications links between the express lane corridors and data centers in San Francisco, Oakland, and Martinez consist of fiber optic cables installed by BAIFA, leased fiber from BART, and AT&T leased-line services. AT&T leased-line services require the least initial costs but have ongoing monthly recurring costs to maintain services. The estimated annual cost of telecommunication services is \$235,000, an increase of approximately \$30,000 from the previous year's estimate, primarily due to additional circuits needed for the I-80 corridor. 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.

BAIFA's costs related to services for US 101 are reimbursed by SMCEL-JPA under the operations and maintenance agreement between the two agencies.

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

Recommendations:

- i. Staff recommends that the Authority 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 \$665,000 to SSP Data for Network Consulting Services, subject to the approval of BAIFA Resolution No. 47 - FY 2023-24 Operating and Capital Budgets.

- ii. Staff recommends that the Authority 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 \$235,000 to AT&T for telecommunication services, subject to the approval of BAIFA Resolution No. 47 - FY 2023-24 Operating, and Capital Budgets.

Attachments:

- Attachment A: SSP Data Disadvantaged Business and Small Business Enterprise Status;
- Attachment B-1 and B-2: Request for Committee Approval - Summary of Proposed Purchase Orders



Andrew B. Fremier

Attachment A

Disadvantaged Business Enterprise and Small Business Enterprise Status

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

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

**Denotes certification by the State of California.

Request for Authority 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: \$665,000

Funding Source: BAIFA Express Lanes Program Operating Budget

Fiscal Impact: Funding is subject to adoption of the FY 2023-24 BAIFA Operating and Capital Budgets (BAIFA Resolution No. 47)

Motion by Authority: That the Executive Director or designee is authorized to issue a purchase order to SSP Data for services described above and in the BAIFA Summary Sheet dated June 28, 2023, and the Chief Financial Officer is authorized to set aside \$665,000 for such purchase order, subject to approval of the FY 2023-24 BAIFA Operating and Capital Budgets.

BAIFA:

Alfredo Pedroza, Chair

Approved: June 28, 2023

Request for Authority 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: \$235,000

Funding Source: BAIFA Express Lanes Program Operating Budget

Fiscal Impact: Funding is subject to adoption of the FY 2023-24 BAIFA Operating and Capital Budgets (BAIFA Resolution No. 47)

Motion by Authority: That the Executive Director or designee is authorized to issue a purchase order to AT&T for services described above and in the BAIFA Summary Sheet dated June 28, 2023, and the Chief Financial Officer is authorized to set aside \$235,000 for such purchase order, subject to approval of the FY 2023-24 BAIFA Operating and Capital Budgets.

BAIFA:

Alfredo Pedroza, Chair

Approved: June 28, 2023