

Bay Area Infrastructure Financing Authority (BAIFA)

March 25, 2020

Agenda Item 2d

Contract Amendment – Express Lanes Network Highway Maintenance Services: Econolite Systems, Inc. (\$9,000,000)

- Subject:** A request for approval to enter into a contract amendment with Econolite Systems, Inc. (Econolite), in an amount not to exceed \$9,000,000 through April 30, 2023 for comprehensive maintenance services, including some construction services, for express lanes highway infrastructure on BAIFA's express lanes on a scheduled and as-needed basis, subject to the approval of future BAIFA budgets.
- Background:** Econolite is currently providing routine and as-needed comprehensive maintenance services for express lanes civil infrastructure and field elements of the backhaul communications network on the I-680 South Express Lanes in Contra Costa County between Walnut Creek and San Ramon. The scope includes routine preventative maintenance, corrective maintenance as needed, including emergency repairs, and spare parts for express lane infrastructure such as fiber optic cable, cabinets, signs, roadway lighting, conduit, and pull boxes.
- The I-880 Express Lanes in Alameda County from Hegenberger Road to Dixon Landing Road in the southbound direction and from Dixon Landing Road to Lewelling Boulevard in the northbound direction are projected to open late Summer 2020. Additionally, the I-680 North Express Lane from Marina Vista Boulevard to Rudgear Road in the southbound direction (delivered by the Contra Costa Transportation Authority) is projected to open fall 2021.
- Maintenance activities typically begin before express lanes start of tolling. Once civil construction activities are completed and approved by BAIFA and Caltrans, relief of maintenance may be granted to the Contractor for portions of a corridor or the entire corridor, thereby transferring responsibility for maintenance of express lanes infrastructure back to BAIFA. Completion of the toll system testing is not required for relief of maintenance. To ensure a seamless transition between construction and maintenance, staff recommends an express lanes segment or corridor be added to the maintenance contract once relief of maintenance is issued. Staff will be returning for Authority approval in the future for the San Mateo 101 Express Lanes Project as BAIFA will be providing maintenance services for the San Mateo County Express Lanes Joint Powers Authority on a reimbursed basis.
- In addition to the maintenance services described above, Econolite may assist with any remaining express lanes construction items needed immediately prior to opening of an express lane, such as sign wrap installation and removal, signage installation, and pavement striping and markings. Econolite staff previously performed similar work prior to opening the I-680 South Express Lanes. Econolite has consistently provided excellent customer service and has proven to be knowledgeable and responsive to emergency calls, as needed repairs and routine maintenance, and as needed construction services.

Express Lanes infrastructure not maintained under this contract, such as electronic tolling equipment and backhaul communications network equipment, will be maintained through other BAIFA agreements. Caltrans will perform maintenance for items such as concrete median barriers, pavement markers and striping, storm drain clean out and sweeping under an agreement approved by BAIFA in November 2016.

Contractor Selection Process: On March 22, 2017, after a competitive procurement, BAIFA authorized a contract with Econolite (formerly Aegis ITS, Inc.) to provide comprehensive maintenance services, including some construction services, for BAIFA on express lanes highway infrastructure in multiple corridors on a scheduled and as-needed basis. The initial contract authorization of \$2,500,000 included funds for maintenance for three years on the I-680 South Express Lanes in Contra Costa County only. In May 2019, a \$200,000 contract amendment was issued under Executive Director Authority to include and augment funding for fiber repairs. The current contract will expire April 30, 2020, and includes an option to extend for up to three (3) additional years in increments of BAIFA's choosing subject to the adoption of future years' BAIFA operating budgets.

Summary: This amendment extends the period of performance for an additional three (3) years and allows Econolite to continue for comprehensive maintenance services, including some construction services, for express lanes highway infrastructure on BAIFA's express lanes on a scheduled and as-needed basis. Attachment A includes an estimated budget breakdown. Attachment B includes a summary of Econolite and its project team's small business and disadvantaged business enterprise status.

Recommendation: Staff recommends that the Authority authorize the Executive Director or designee to negotiate and enter into a contract amendment in an amount not to exceed \$9,000,000 to provide comprehensive maintenance services, including some construction services, for express lanes highway infrastructure on BAIFA's express lanes on a scheduled and as-needed basis, subject to the approval of future BAIFA budgets.

Attachments: Attachment A – Estimated Budget Breakdown;
Attachment B – Small Business and Disadvantaged Business Enterprise Status;
and
Request for Committee Approval – Summary of Proposed Contract Amendment



Therese W. McMillan

Attachment A

Annual Estimated Budget Breakdown

| | Annual Cost | | | Total Annual Estimated Cost |
|--|---|---|---|--------------------------------|
| Work Element | I-680 South Walnut Creek – San Ramon in Contra Costa County | I-880 Oakland – Milpitas in Alameda County | I-680 North Benicia – Walnut Creek in Contra Costa County | |
| Corridor Mileage | 23 miles | 51 miles | 11 miles | |
| A. Annual Routine Maintenance | | | | |
| Recurring Bi-Monthly Maintenance | \$180,000 | \$210,000 | \$85,000 | \$475,000 |
| Spare Parts | \$30,000 | \$45,000 | \$15,000 | \$90,000 |
| Sub-total | \$210,000 | \$255,000 | \$100,000 | \$565,000 |
| B. Task Order Based (As-needed and Corrective Assignments) | | | | |
| Fiber Related Repairs | \$350,000 | \$700,000 | (included in I-680 South) | \$1,050,000 |
| Utility Protection & Marking | \$120,000 | \$240,000 | \$40,000 | \$400,000 |
| Major Structural Repairs | \$125,000 | \$250,000 | \$75,000 | \$450,000 |
| Others | \$145,000 | \$305,000 | \$85,000 | \$535,000 |
| Sub-total | \$740,000 | \$1,495,000 | \$200,000 | \$2,435,000 |
| TOTAL | \$950,000 | \$1,750,000 | \$300,000 | \$3,000,000/year |

Attachment B

Small Business and Disadvantaged Business Enterprise Status

| | | | DBE* Firm | | | SBE** Firm | | |
|------------------|------------------------------------|---|-----------|-------------------|----|------------|-------------------|----|
| | Firm Name | Role on Project | Yes | If Yes, List # | No | Yes | If Yes, List # | No |
| Prime Contractor | Econolite Systems, Inc. | Project Management and Maintenance Services | | | X | | | X |
| Subcontractor | Statewide Traffic Safety and Signs | Traffic Control Services | | | X | | | X |

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

** Denotes certification by the State of California.

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contract Amendment

Work Item No.: 6861

Contractor: Econolite Systems, Inc.
Fremont, CA

Work Project Title: Express Lanes Network Highway Maintenance Services

Purpose of Project: To provide comprehensive maintenance services, including some construction services, for express lanes highway infrastructure on BAIFA's express lanes on a scheduled and as-needed basis.

Brief Scope of Work: Maintenance of express lanes civil infrastructure and field elements of backhaul communications network on the I-680 Express Lanes in Contra Costa County between Walnut Creek and San Ramon, I-880 Express Lanes in Alameda County and I-680 Northern Express Lane in the southbound direction from Marina Vista Boulevard to Rudgear Road, including additional services to perform corrective actions not included in the routine preventive maintenance and to improve BAIFA express lanes, and perform similar work on other express lane segments.

Project Cost Not to Exceed: \$9,000,000 this amendment
Total contract amount before this amendment: \$2,700,000
Total approved contract amount with this amendment: \$11,700,000

Funding Source: BAIFA operating budget

Fiscal Impact: Funding in the amount of \$210,000 is included in the BAIFA operating budget for FY 2019-20. The balance of \$8,790,000 is subject to the adoption of BAIFA operating budgets for FY 2020-23.

Motion by Committee: That the Executive Director or designee is authorized to negotiate and enter into a contract amendment with Econolite Systems, Inc. to perform maintenance of express lanes civil infrastructure and field elements of backhaul communications network on the I-680 Express Lanes in Contra Costa County between Walnut Creek and San Ramon, I-880 Express Lanes in Alameda County and I-680 Northern Express Lane in the southbound direction from Marina Vista Boulevard to Rudgear Road, including additional services to perform corrective actions not included in the routine preventive maintenance and to improve BAIFA express lanes, and perform similar work on other express lane segments, as described above and in the BAIFA Summary Sheet dated, March 25, 2020, and the Chief Financial Officer is authorized to set aside \$9,000,000 for such contract amendment, subject to necessary budget approval.

Bay Area Infrastructure
Financing Authority:

Scott Haggerty, Chair

Approval: Date: March 25, 2020