



REQUEST FOR PROPOSALS
(RFP No. 2021-06)

FOR
Preparation of Plans, Specifications and Estimate (PS&E) for

**I-80 WESTBOUND CORDELIA COMMERCIAL VEHICLE ENFORCEMENT
FACILITY PROJECT**

In Solano County

Release Date: April 23, 2021

PROPOSALS DUE:

3:00 PM, FRIDAY, May 21, 2021

Four (4) complete hard copies and one digital copy (flash drive) of each response
must be received before 3:00 p.m. PST on May 21, 2021

Solano Transportation Authority
One Harbor Center, Suite 130
Suisun City, CA 94585



Solano Transportation Authority

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SECTION 1 — INTRODUCTION

The Solano Transportation Authority (STA) is a joint powers authority with members including the cities of Benicia, Dixon, Fairfield, Rio Vista, Suisun City, Vacaville, and Vallejo and the County of Solano. The **I-80 Westbound Cordelia Commercial Vehicle Enforcement Facility (CCVEF) Project** will utilize both Solano Transportation Authority (STA) and Caltrans design teams. Caltrans will be administering the construction contract for this project.

SECTION 2 — SERVICES TO BE PROVIDED

The STA intends to retain a qualified and committed professional engineering firm/team to provide services required for the preparation of the environmental revalidation and PS&E for the **I-80 Westbound Cordelia Commercial Vehicle Enforcement Facility (CCVEF) Project**, as part of a blended team with Caltrans. The STA will lead the environmental revalidation and Supplemental Project Report effort and the 35% design submittal for the entire project. Final design will utilize a blended team with STA leading design of the CCVEF facility (including all of the technology components and site utilities), the ramp into the site and the westbound on ramp across Suisun Creek to I-80. Caltrans will be responsible for surveys, right of way mapping, and final design (from 35% thru final design) of the balance of the freeway and interchange improvements. The selected consultant will work closely with STA, as well as Caltrans, the City of Fairfield and Solano County. See Attachment A – Project Map and Work Responsibility Limits.

The Consultant, as part of the blended team with Caltrans, will provide professional and technical engineering services to prepare the environmental revalidation and Supplemental Project Report effort and the 35% design submittal for the entire project. The consultant will participate in a blended team and will prepare the final design (from 35% thru final design) of the CCVEF facility (including all of the technology components and site utilities), the ramp into the site and the westbound on ramp across Suisun Creek and related activities. See Attachment B – PS&E Work Responsibility.

The Consultant will need to review the earlier CEQA and NEPA EIR/EIS to determine if any studies need to be updated. The required engineering design services will include, but not be limited to, the following: 1) roadway, drainage (including floodplain assessment), foundation investigations, lighting, pavement features, traffic studies, signals, signing, striping, stage construction, landscaping, preparation of permit applications, obtaining permits, preparation of the revalidation and such other incidental features required to complete the PS&E. The selected consultant will also need to provide design support services during construction. Design of the NBA relocation is likely to be performed by the State Department of Water Resources (DWR), however, the consultant should include a member (as part of the team) that can prepare the NBA relocation plans (with oversight from DWR), should it be determined DWR will just be providing design oversight. In addition, the Consultant should also include a member (as part of the team) that can provide constructability and biddability reviews for the full project.

The consultant will also be responsible for taking the lead (with STA participation) in selecting the consultant that will design and install the Technology Integration Component for the Project, with the expectation that a Best and Final Offer (BAFO) process will be used. STA will provide

the Consultant with the RFP that was used to select the technology consultant for the I-80 Eastbound Truck Scales Project to be used as a starting point.

STA and Caltrans intend to use the Construction Manager/General Contractor (CMGC) project delivery method for the I-80 Westbound Cordelia Commercial Vehicle Enforcement Facility (CCVEF) Project. Caltrans will retain the CMGC and the Independent Cost Estimator (ICE). Caltrans procedures for CMGC are included with this RFP as Attachment C. The consultant should be familiar with the CMGC process. The required consultant services related to the CMGC will include, but not be limited, to the following:

- Consultant shall evaluate the delivery of one or more early work packages, which is allowed by the CMGC delivery process;
- Consultant shall include a member as part of the team that can prepare an Engineers Estimate in a contractor production-based cost estimating style; i.e., not using the typical historical bid-based estimating process for the portion of the work STA is the lead on;
- Consultant shall participate in quantity reconciliation meetings and Opinion of Probable Construction Costs (OPCC) reconciliation meetings after each major PS&E milestone submittal;
- Consultant shall include a member as part of the team that can evaluate the CMGC prepared contractor-style, production-based schedule;
- Consultant shall participate in periodic workshops with Caltrans staff and the CMGC;
- Consultant shall prepare and maintain the risk register;
- Consultant shall participate in risk workshops;
- Consultant shall facilitate a cooperative project development process with the CMGC, and regular interaction necessary for the exchange of information during the Preconstruction Phase.
- Consultant shall plan to participate in quarterly partnering meetings.

SECTION 3 — I-80 WESTBOUND CORDELIA COMMERCIAL VEHICLE ENFORCEMENT FACILITY (CCVEF) PROJECT

Background

I-80 is a major transcontinental highway route, typically six to eight lanes. The corridor within Solano County functions as an essential commuter route within the San Francisco Bay Area, connecting workers in Solano County with jobs in neighboring Contra Costa, Alameda, and San Francisco Counties. Its regional significance is demonstrated by its high percentage of inter-county travel. In addition to its function as a commuter corridor, this route provides an important connection between the Bay Area and Sacramento, the Sierra Nevada and Lake Tahoe regions. Finally, the route is also a primary truck route connecting the Port of Oakland to points east and north, contributing significantly to the economic health of the State of California by facilitating goods distribution throughout the western U.S. The existing I-80 Westbound Cordelia Commercial Vehicle Enforcement Facility (CCVEF) was constructed in 1958 to inspect trucks entering the San Francisco Bay Area from locations nationwide.

Project Description

The proposed **I-80 Westbound Cordelia Commercial Vehicle Enforcement Facility (CCVEF) Project** will construct a new Class B facility (defined as an independent CHP command facility), approximately 0.7 miles to the east from its current location (see Figure 1 – Project Location Map). The Project will construct a new braided offramp from I-80 providing improved operations with the westbound SR-12/I-80 connector. The new CCVEF, capable of processing up to 1,000 vehicles per hour will operate 24 hours per day, seven days a week, will sort trucks at near highway speeds and provide for increased vehicle inspections. The Project will implement advanced and innovative techniques replacing old technology with state-of-the-art equipment that provides for faster inspection of commercial vehicles, significantly increasing the CCVEF's capacity and enhancing safety compliance of trucks along the corridor.

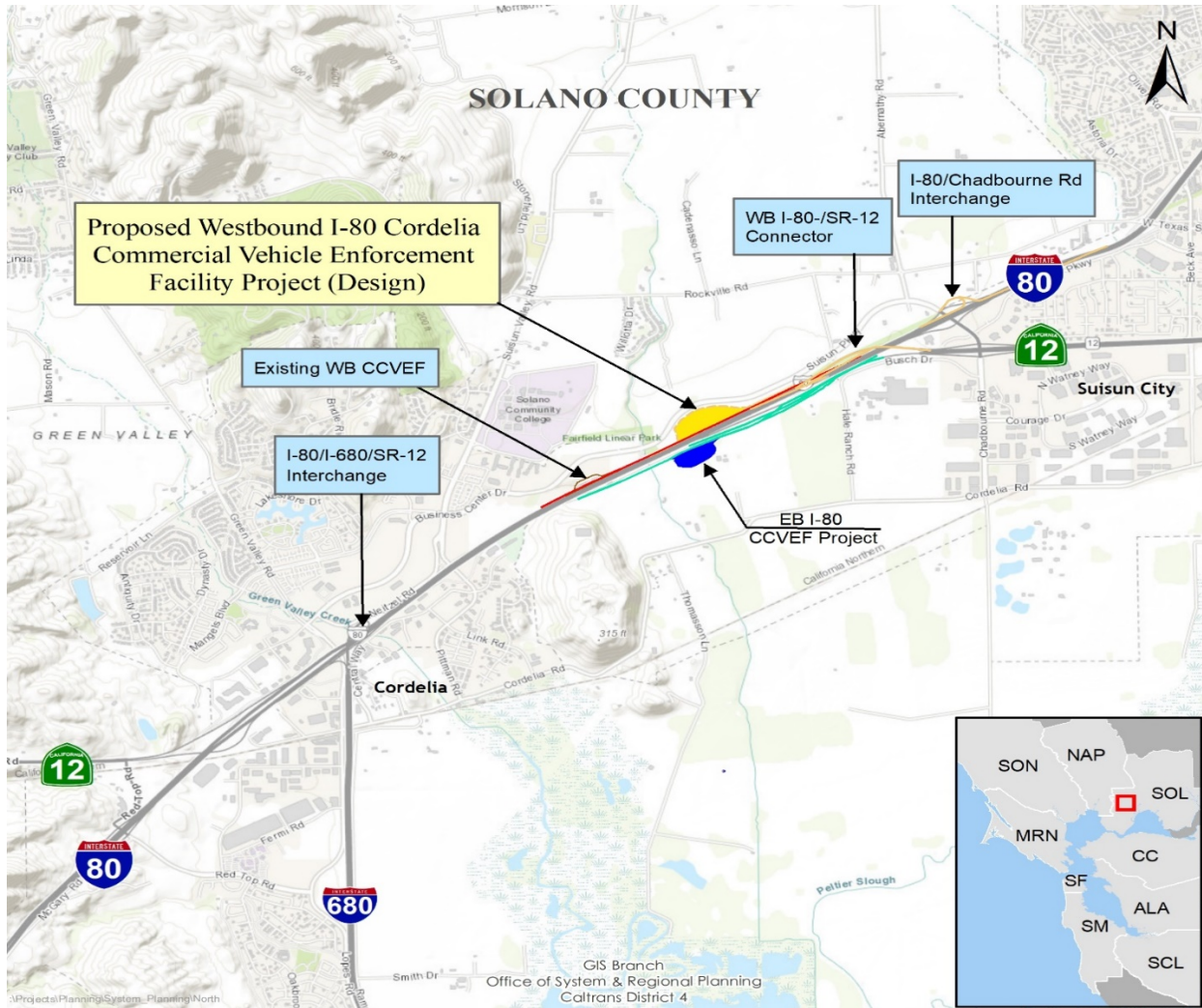
More specifically the Project will:

- Construct a new CCVEF 0.7 miles east of the existing facility
- Braid the I-80 CCVEF off ramp with the westbound I-80/SR-12 connector
- Reconstruct the WB I-80/Chadbourne/Business Center Drive on- and off-ramps
- Construct a westbound auxiliary lane between the I-80 West Texas on-ramp and the I-80/Chadbourne off-ramp.
- Construct a new westbound on-ramp from the CCVEF increasing weave distance to the I-80 Suisun Valley off-ramp
- Relocate the 60" North Bay Aqueduct (NBA), a State Department of Water Resources facility
- Provide potable water, sanitary sewer, power and communication services to CCVEF facility

The new CCVEF inspection and administration facility will include:

- Seven covered inspection bays capable of handling long vehicle combinations and under-vehicle inspections
- Four sets of scales to accommodate two lines of empty and loaded trucks
- Site Improvements that include parking lot and truck turn-around facilities
- Upgraded technologies will include:
 - Automated License Plate Recognition (ALPR)
 - Automated Hazardous Material (Hazmat) Recognition Cameras
 - Automated Inspection Sticker Compliance
 - Vehicle Waveform Identification (VWI)
 - Multi-platform Static Scales
 - Weigh-In-Motion (WIM) Scales
 - Electronic Over-Height Detection (OHD)
 - Changeable Message Signs (CMS)

FIGURE 1



Preliminary Project Schedule

STA and Caltrans were successful in securing SB1 Trade Corridor Enhancement Program (TCEP) funding for the **I-80 Westbound Cordelia Commercial Vehicle Enforcement Facility (CCVEF) Project**. Presented in the table below is a preliminary schedule for the project, based on the traditional design-bid build process. However, in order to accelerate the schedule and reach construction earlier, please note STA and Caltrans intend to use the CMGC project delivery method. The consultant should plan to work with STA, Caltrans and the CMGC to accelerate the overall delivery schedule for the project, as well as demonstrate the knowledge of the CMGC process. By using CMGC, the Project could advance the schedule listed in Table 1 but as much as 18 months. The consultant should demonstrate the ability to accelerate the traditional schedule. It is expected the CMGC will be on board by late 2021.

Table 1. Project Schedule using Design-Bid-Build

Begin Design (PS&E) Phase	July 2021
End Design Phase (Ready to List for Advertisement Milestone)	June 2024
Begin Right of Way Phase	January 2023
End Right of Way Phase (Right of Way Certification Milestone)	June 2024
Begin Construction Phase (Contract Award Milestone)	January 2025
End Construction Phase (Construction Contract Acceptance Milestone)	January 2028
Begin Closeout Phase	January 2028
End Closeout Phase (Closeout Report)	January 2030

The above schedule accounts for eminent domain proceedings (should that be necessary) and reflects the intent to concurrently proceed on the design phase and also overlap the design and right of way phases. There will be construction schedule constraints for the Project for the Suisun Creek Bridge widening, which is limited to short season construction durations due to the potential presence of anadromous fish. Project is currently on schedule with only conceptual design having been completed.

NOTE: The I-80/I-680/SR12 Interchange Project Report (PR) is available for review at the STA Offices. To schedule a time to review the documents, please call Johanna Masiel at the STA at (707) 424-6008. You may also pick up a CD (containing the PR) at the STA Offices or request it be mailed to you.

SECTION 4 – DISADVANTAGED BUSINESS ENTERPRISE (DBE)

The STA has adopted a DBE goal which encourages the hiring of registered disadvantaged businesses which can be found at <https://sta.ca.gov/work-with-sta/procurement-opportunities/>. However, the hiring of registered DBEs is not required for this project but remains desirable.

SECTION 5 – LOCAL PREFERENCE POLICY

The STA has adopted a Local Preference Policy which encourages the hiring of local firms. While there is no adopted goal for this Project, firms are still encouraged to utilize the services of local firms in the preparation of a response to this RFP. The STA has prepared a database of contact information for local firms for convenience purposes only and without guarantees as to the ability of such firms to provide the services. This database and the Local Preference Policy can be viewed at <https://sta.ca.gov/operations/rfp-rfq-local-preference/>.

SECTION 6 – INSTRUCTIONS TO PROPOSERS

1. *Examination of Proposal Documents:* By submitting a proposal, the proposer represents that it has thoroughly examined and become familiar with the work required under this RFP, and that it is capable of performing the work identified in Scope of Work.
2. *Addenda/Clarifications:* Explanations or clarifications desired by respondents regarding the meaning or interpretation of the RFP may be requested verbally or in writing. All inquiries pertaining to this RFQ should be emailed to Anthony Adams, Project Manager, at the following email address: aadams@sta.ca.gov no later than **4:00 PM (local), May 05, 2021**. Response to all questions submitted by the **May 05, 2021** deadline that may have a material impact on the proposal will be posted on the STA website at www.sta.ca.gov by end of business day on **May 07, 2021**. The subject line for questions submitted in writing should include reference to: “Questions - STA RFP 2021-06 I-80 Westbound Cordelia Commercial Vehicle Enforcement Facility Project”.
3. *Withdrawal of Proposal Submittal:* A proposer may withdraw its proposal at any time before the expiration of the time for submission of proposal submittals as provided in this RFP by delivering to the procurement officer a written request for withdrawal signed by, or on behalf of, the proposer.
4. *Rights of STA:* This RFP does not commit STA to enter into a contract, nor does it obligate STA to pay for any costs incurred in preparation and submission of the proposal or in anticipation of a contract.

STA may investigate the qualifications of any proposer under consideration, require confirmation of information furnished by the proposer, and require additional evidence or qualifications to perform the services described in this RFP.

STA, in its sole discretion, reserves the right to:

- Reject any or all proposal submittals.
- Issue one or more subsequent RFQs and/or RFPs.
- Postpone opening for its own convenience.
- Remedy technical errors in the RFP process.
- Approve or disapprove the use of particular subcontractors.
- Negotiate with any, all, or none of the proposers responding to this RFP.
- Solicit best and final offers from all or some of the proposers.
- Award a contract to one or more proposers.
- Waive informalities and irregularities in any proposal.

Please prepare your proposal in accordance with the following requirements. The proposal (excluding resumes and the transmittal letter) shall not exceed a total of 30 single-sided, 8.5” x 11” pages. Resumes should be included in an appendix.

1. *Transmittal Letter:* The proposal shall be transmitted with a cover letter describing the firm's/team's interest and commitment to the proposed project. The letter shall state that the proposal shall be valid for a 90-day period and should include the name, title, address and telephone number of the individual to whom correspondence and other contacts should be directed during the consultant selection process. The person authorized by the firm/team to negotiate a contract with STA shall sign the cover letter.

Address the cover letter as follows:

Janet Adams, Deputy Executive Director/Director of Projects
Solano Transportation Authority
One Harbor Center, Suite 130
Suisun City, California 94585

2. *Project Understanding:* This section shall clearly convey the consultant's understanding of the nature of the work, including coordination with and approvals from STA, Caltrans, Solano County, City of Fairfield. Consultant should clearly demonstrate familiarity with the CMGC process and the required consultant services related to the CMGC project delivery method.
3. *Approach and Management Plan:* This section shall provide the firm's/team's proposed approach and management plan for providing the services, including the CMGC related services. Include an organization chart showing the proposed relationships among consultant staff, Solano County staff, Fairfield staff, Caltrans staff, STA staff, the CMGC and any other parties that may have a significant role in the delivery of this project.
4. *Qualifications and Experience:* The proposal shall provide the qualifications and experience of the consultant team that will be available for the **I-80 Westbound Cordelia Commercial Vehicle Enforcement Facility (CCVEF) Project**. Please emphasize the specific qualifications and experience from projects similar to this project for the Key Team Members. Key Team Members are expected to be committed for the duration of the project. Replacement of Key Team Members will not be permitted without prior consultation with and approval of the STA.
5. *Work Plan and Schedule:* The Work Plan should be structured to include the following major tasks for the **I-80 Westbound Cordelia Commercial Vehicle Enforcement Facility (CCVEF) Project**:
 - Coordination and interaction with Caltrans and the CMGC
 - Risk Register
 - 35% PS&E Submittal (entire Project)
 - 65% PS&E Submittal*
 - 95% PS&E Submittal*
 - 100% PS&E Submittal*
 - Final Design*
 - Permit Applications and Obtaining Permits (entire Project)
 - Design Support Services During Construction*

* CCVEF facility (including all of the technology components and site utilities), the ramp into the site and the westbound on ramp across Suisun Creek and related activities.

This section shall include a description of how each major task and subtask of the project will be conducted, identification of deliverables for each major task and subtask, and a schedule. The Work Plan should be in sufficient detail to demonstrate a clear understanding of the project. The schedule should show the expected sequence of tasks and subtasks and include durations for the performance of each task, subtask, milestones, submittal dates and review periods for each submittal. Discuss the firm/team's approach for completing the PS&E services for this project on an accelerated/aggressive schedule.

6. *Staffing Plan:* The proposal shall provide a staffing plan (detailed by quarter and major task) and an estimate of the **total hours** (detailed by position) required for preparation of the Plans, Specifications, and Estimate (PS&E). **NOTE: Hours for each subconsultant shall be included in the staffing plan.** Discuss the workload, both current and anticipated, for all Key Team Members, and their capacity to perform the requested services for the **I-80 Westbound Cordelia Commercial Vehicle Enforcement Facility (CCVEF) Project** according to your proposed schedule. Discuss the firm/team's approach for completing the PS&E services for this project within budget.
7. *Pre-award Audit:* This PS&E phase is being funded with state funds. To expedite Caltrans' approval, it may be helpful if the Consultant can demonstrate past approval of a Caltrans Pre-Award Audit, including major subcontractors (over \$25,000 contracts).
8. *Additional Relevant Information:* Provide additional relevant information that may be helpful in the selection process (**not to exceed the equivalent of 2 single-sided pages**).
9. *References:* For each Key Team Member, provide at least three references (names and current phone numbers) from recent work (previous five years) similar to the **I-80 Westbound Cordelia Commercial Vehicle Enforcement Facility (CCVEF) Project**. Include a brief description of each project associated with the reference, and the role of the respective team member.
10. *Submittal of Proposals:* Four (4) copies and one (1) digital copy of your proposal are due at the STA offices no later than the time and date specified in Section 8, below. Envelopes or packages containing the proposals should be clearly marked, **“Proposals Enclosed – I-80 Westbound Cordelia Commercial Vehicle Enforcement Facility (CCVEF) Project.”**
11. *Cost Proposal:* A cost proposal should be submitted in a **separate sealed envelope titled “PS&E Consultant Cost Proposal.”** The cost submittal should indicate the number of anticipated hours/costs by the Project Manager and Key Team Members. The estimated level of hours/costs for other staff can be summarized in general categories. **NOTE: Hours/costs for each subconsultant shall be included in the cost proposal.**

Include information regarding your Federal Acquisition Regulations (FAR) multiplier and the FAR of any subconsultants. The STA will pay costs based on the FAR plus a negotiated fixed

fee, however the overall multiplier will not exceed 3.0. Also, please include a list of personnel positions proposed for performance of the services and the hourly salary range of each classification (including subconsultants).

SECTION 7 — SELECTION OF CONSULTANT

The overall process will be to evaluate the technical components of all the proposals completely and independently from the cost component. The proposals will be evaluated and scored on a 100 point total basis using the following criteria:

1. Qualifications and specific experience of Key Team Members.
2. Project understanding and approach, including an understanding of STA, Solano County, City of Fairfield, and Caltrans review, approval and coordination processes.
3. Demonstration of familiarity with the CMGC process and the required consultant services related to the CMGC project delivery method.
4. Experience with similar types of projects.
5. Satisfaction of previous clients.
6. Schedule and capacity to provide qualified personnel.

Two or more of the firms/teams will be invited to an interview during the week of June 14, 2021. The Project Manager and Key Team Members should attend the interview. The evaluation / interview panel may include representatives from STA and other agencies, but the specific composition of the panel will not be revealed prior to the interviews. Costs for travel expenses and proposal preparation shall be borne by the consultants.

Once the top firm/team has been determined, STA staff will start contract negotiations with the firm/team. If contract negotiations are not successful, the second ranked firm/team may be asked to negotiate a contract with STA, etc. Provided the negotiations are proceeding well, the STA may elect to initiate a portion of the work scope with a Notice to Proceed (NTP), prior to execution of the contract.

SECTION 8 — SELECTION PROCESS DATES

April 30, 2021: **Pre-proposal Meeting** will be held at 9:30 AM on-line via Zoom. RSVP to Cecilia deLeon (cdeleon@sta.ca.gov) by April 28, 2021 to be sent a link to the on-line pre-proposal meeting.

May 21, 2021: **Proposals are due no later than 3:00 PM** at the offices of the Solano Transportation Authority, One Harbor Center, Suite 130, Suisun City, CA 94585. *Late submittals will not be accepted.*

Week of June 14th: Interviews for consultant selection for the **I-80 Westbound Cordelia Commercial Vehicle Enforcement Facility (CCVEF) Project**

Week of June 28th: Top ranked firm/team notified.

End July 2021: Work Commences

If you have any questions regarding this RFP, please contact:

Dale Dennis
STA Project Manager
Phone (925) 595-4587
dodennis@theycyberjungle.com

or Janet Adams
Deputy Executive Director/Director of Projects
Phone (707) 399-3207
jadams@sta.ca.gov

SECTION 9 – DISCLOSURE

The master copy of each response to this RFP shall be retained for official files and will become a public record after the award of a contract unless the qualifications or specific parts of the qualifications can be shown to be exempt by law (Government Code section 6250 et seq.). Each Responding Firm may clearly label part of a submittal as "CONFIDENTIAL" if the Responding Firm agrees to indemnify and defend the STA for honoring such a designation. The failure to so label any information that is released by the STA shall constitute a complete waiver of all claims for damages caused by any release of the information. If a public records request for labeled information is received by the STA, the STA will notify the Responding Firm of the request and delay access to the material until seven working days after notification to the Responding Firm. Within that time delay, it will be the duty of the Responding Firm to act in protection of its labeled information. Failure to so act shall constitute a complete waiver.

SECTION 10 – PROTEST AND APPEALS

Any actual or prospective bidder, offeror, or contractor who is aggrieved in connection with the Solicitations or Notice of Intent to Award a contract may protest to the Executive Director. The protest shall be submitted in writing to the Executive Director within seven (7) working days after such aggrieved person or company knows or should have known of the facts giving rise thereto. All letters of protest shall clearly identify the reasons for the protest. The protest also must state the law, rule, regulation, or policy upon which the protest is based. The Executive Director shall issue a written decision within ten (10) working days after receipt of the protest. The decision shall; state the reason for the action taken; and inform the protester that a request of further administrative appeal of an adverse decision must be submitted in writing to the Clerk of the STA Board of Directors within seven (7) working days after receipt of the decision by the Executive Director.