

S T A F F R E P O R T

SUBJECT: Tri-Valley Passenger Facilities Enhancement Project
On-Call Task Order Contract # 2 for Project Design and Engineering

FROM: David Massa, Capital Projects Manager

DATE: June 24,2024

Action Requested

Staff requests that the Finance and Administration Committee recommend that the Board authorize LAVTA’s Executive Director to execute task order #2 with Kimley-Horn & Associates, Inc., to perform design, engineering, project management and coordination services for the LAVTA Tri-Valley Passenger Facilities Enhancement project (Project) pursuant to the terms of LAVTA’s existing on-call Engineering Services Contract (Agreement #1019, RFP #2021-04) for \$346,210, with a 10% contingency to be used at the Executive Director’s discretion.

Background

In February 2021, LAVTA applied for \$2,043,000 in discretionary transit funding from the Alameda County Transportation Commission’s 2022 Comprehensive Investment Program for the Project. The Project proposed to construct significant improvements to passenger amenities at three high ridership stops served by LAVTA’s premium Rapid service that had been redesigned in 2016: the East Dublin/Pleasanton BART station, Las Positas College, and Lawrence Livermore and Sandia National Labs (LLNL).

In March 2021, the Metropolitan Transportation Commission (MTC) announced new federal funding available for programming for the Safe and Seamless Mobility Quick Strike Program, a one-time competitive regional grant program funded by the Coronavirus Response and Relief Supplemental Appropriations Act of 2021 (CRRSAA). MTC requested that County Transportation Agencies, including Alameda CTC, nominate eligible projects that could satisfy MTC’s programming requirements. Because LAVTA and Alameda CTC staff agreed the Project was eligible for federal funding and could meet MTC program requirements, Alameda CTC recommended the Project receive federal instead of local discretionary funding. In June 2021, a total of \$2,000,000 in CRRSAA funding for the Project was programmed by the California Transportation Commission.

Following a lengthy federal process, in June 2023 the Federal Transit Administration (FTA) obligated the following funds for the Project, which are included in the FY2025 capital budget:

Phase/Milestone	FTA (70%)	TDA (30%)	Total
Final Design (PS&E)	\$182,000	\$78,000	\$260,000

Construction (Incl. Equipment)	\$1,818,000	\$785,000	\$2,603,000
Total	\$2,000,000	\$863,000	\$2,863,000

Following recommendations in the Tri-Valley Hub Network Integration Study, the Project focuses on improving passenger amenities at three high-ridership transit facilities (hubs) at East Dublin Pleasanton BART, Las Positas College and LLNL. These upgrades to improve the transit experience will include premium bus shelters, enhanced lighting, modern real time wayfinding signs, benches, trash cans, and bicycle racks. These new, and much needed, improvements will complement bus service and enhance bus to rail transfers at the East Dublin Pleasanton BART station.

The improvements proposed for the East Dublin/Pleasanton BART station, Las Positas College, and LLNL will invest in long-lasting, high-quality, modern infrastructure to support sustainable modes of transportation in the Tri Valley for many years to come. Outmoded and insufficient existing passenger facilities will be replaced, including many assets which are at the end of their useful life.

The next step is to begin the design of the facilities improvements and propose the plans to work with the three property owners. Once the plans are approved, the plans and specifications for the procurement of equipment and construction services will then be developed to implement the Project beginning in late 2024.

Discussion

Kimley-Horn is one of LAVTA’s on-call engineering services firms. Kimley-Horn’s proposal in response to the solicitation for on-call engineering firms in 2021 was ranked highest by the evaluation committee in the areas of both civil and traffic engineering. In accordance with state law, on-call firms receive work associated with the discipline they scored highest in the proposal evaluations. Kimley-Horn has extensive experience working in the Tri-Valley and has satisfactorily provided similar design and engineering services for other LAVTA bus stop projects such as similar Rapid-style improvements along North Canyons Parkway in Livermore and Santa Rita Road in Pleasanton.

The complete Kimley Horn proposal is included as Attachment 1.

Budget

In late 2020, the cost for project engineering, project management and coordination were originally estimated at 9% of the Project budget or \$260,000. Since then, labor costs have grown and at this time the best LAVTA was able to negotiate was 12% of the Project budget, or \$346,210. Based on the proposed scope of work, Kimley Horn will provide the work for a firm fixed price fee of \$346,210. With a standard 10% contingency in place, the total budget for this portion of the Project to be provided for under this task order is \$380,831.

Next Steps

Upon executing the task order with Kimley Horn, LAVTA will issue a Notice to Proceed.

Recommendation

Staff recommends that the Projects and Services Committee approve and forward to the Board of Directors Resolution 20-2024 to execute task order #2 with LAVTA's on-call contractor Kimley Horn and Associates, Inc., for a not-to-exceed amount of \$346,210 with a contingency amount of \$34,621 (10%) to be utilized at the discretion of the Executive Director.

Attachment:

1. Kimley Horn Proposal: LAVTA Passenger Facilities Enhancements
2. Resolution 20-2024



June 10, 2024

David Massa
Manager of Capital Projects
Livermore Amador Valley Transit Authority
1362 Rutan Drive, Suite 100
Livermore, CA 94551

Subject: Proposal to Provide Professional Engineering Services for Passenger Facility Enhancements at Three Hub Locations

Dear Dave:

Kimley-Horn is pleased to submit this proposal to provide professional engineering services for passenger facility improvements at three hub locations. As directed and based on our field visits to the three sites, our proposal includes the scope and fee to produce the detailed design package that includes the desired improvements at each of three passenger facilities. Attached is our detailed Scope of Services, Schedule and Fee for this work. Additionally, we have included post design services including design services during construction (i.e., construction support) as part of this scope and fee.

Thank you for the opportunity to submit our proposal for this exciting project. If you have any questions, please do not hesitate to contact me at (510) 350-0217 (office), (510) 393-6232 (cell) or via email at kevin.aguigui@kimley-horn.com.

Sincerely,

KIMLEY-HORN AND ASSOCIATES, INC.

A handwritten signature in blue ink, appearing to read "Kevin Aguigui".

Kevin Aguigui, P.E., CSEP
Senior Project Manager/Vice President

PROJECT UNDERSTANDING AND ASSUMPTIONS

Kimley-Horn proposes the following scope of services below which would be to complete the designs and provide construction support services for the enhancement of the passenger facilities which include the following three hub locations:

- East Dublin BART station
- Las Positas College
- Lawrence Livermore Lab

These enhancements will add a variety of enhancements and amenities to improve the transit experience, including, but not limited to, custom shelters, real-time transit signs, static transit signs, custom benches, trash cans, and bicycle racks.

Based on our field visits to each of the sites, we have tailored our scope based on our understanding of the desired enhancements. Our scope includes the following high level assumptions.

- Enhancements at three (3) hubs
- Custom shelters at two hubs (Las Positas and Lawrence Livermore Lab)
- Real-time Transit Signs at all three hubs
- Custom-style benches at all three hubs
- Custom-style trash receptacles at all three hubs
- Removal of existing shelters, benches, trash cans and other existing amenities

The number of other amenities at these station locations will be determined based on field assessments and further discussions with LAVTA as the design progresses.

It is assumed that no new PG&E service points will be necessary, and that real-time signs will be powered either through new solar hardware, or through the use of an existing electrical connection.

Kimley-Horn will create plans, technical specifications, and an opinion of probable construction costs (PS&E), and LAVTA will provide the front-end specifications ("boiler plate") with input from Kimley-Horn.

Our scope assumes that any environmental clearance for this work is being handled by others and is not accounted for within this scope.

SCOPE OF SERVICES

The scope for this initial effort consists of the following tasks:

- Project Management and Meetings
- Data Gathering
- Prepare Concept Designs
- Prepare PS&E Documents
- Design Services During Construction/Construction Support

Each of these tasks is described below.

Task 1 - Project Management and Meetings

Kimley-Horn will conduct project management services under this initial scope, beginning with the execution of the contract and ending with the completion of the PS&E documents (Task 4). This includes project management activities as described below, attendance at virtual and in-person meetings with LAVTA staff, and quality assurance/quality control activities.

We anticipate one initial kick-off meeting with LAVTA to review the project goals, discuss the proposed approach and schedule, and up to three (3) meetings after each of the design submittals. Kimley-Horn will submit invoices to LAVTA every month, which will include progress against total budget.

Deliverable:

- Monthly invoices
- Project schedule and monthly updates
- Meeting agendas and notes

Task 2 – Data Gathering

The Kimley-Horn team will perform field reconnaissance at the three station locations. Kimley-Horn will conduct topographic surveys at the Las Positas College and Lawrence Livermore Lab sites, and for the purposes of this design work, our team will assume that all proposed improvements will be located within public right-of-way and that no right-of-way acquisition is necessary. Additional assumptions for the survey include:

- At no time shall traffic lanes be closed, unless approved in advance
- Right of way will not need to be resolved
- Survey control information will be provided including locations and descriptions of existing survey monument(s) and/or local control(s) used

Kimley-Horn will request utility information from utility owners at each of the locations. Utility plat maps received from the utility owners will be combined with information gathered in the field from readily-visible utilities. This information will be shown on the project base map and used to identify potential utility conflicts. Kimley-Horn will coordinate with utilities throughout the design process.

Deliverable:

- Field notes and photos summary

Task 3 – Prepare 35% Concept Designs

Kimley-Horn will prepare the 35% Concept Designs based on the field walkthroughs and discussions with LAVTA. We will have a meeting with LAVTA prior to engaging on these concept designs to confirm the assumptions on the designs.

The conceptual and architectural design drawings will be layout and concept exhibits. These designs will be used to engage stakeholders and provide guidance leading into the basis of design. Up to two shelter layouts will be prepared.

A preliminary estimate of construction costs will be prepared for the concept designs. Technical specifications will not be prepared at this design level.

Once completed, the 35% concept plan will be submitted for review and approval by LAVTA. We will submit the Concept Designs in electronic format (PDF) to LAVTA for review and comment. Once approved, our team will begin preparing the PS&E documents for the project.

Deliverable

- Summary memorandum – Basis of Design
- 35% Concept Designs

Task 4 – Prepare PS&E Documents

Upon receiving comments on the Concept Designs, Kimley-Horn will incorporate the comments and prepare the PS&E documents. The design stages for the PS&E documents will be at the 65%, 95% and 100% design levels.

Task 4.1 – Prepare 65% PS&E Documents

This task includes preparation of plans, technical specifications, and opinions of probable construction cost (PS&E) at the 65% design level. The designs will include the preferred shelter design from the Concept Designs, and will include amenity placements, design details for the amenities (e.g., Rapid sign foundations), new sidewalk conforms to public and private sidewalks if applicable, and electrical design for the new shelters if added to the project (i.e., solar-powered next bus signs). Our scope assumes that no changes will be needed to existing storm drain systems as well as no right of way acquisitions.

Our scope of services and fee includes the following assumptions of sheet types and numbers.

- Cover sheet with Location Map - 1 sheet
- General Notes and Abbreviations - 1 sheet
- Horizontal Control - 2 sheets
- Demo sheets – 3 sheets
- Layout sheets - 3 sheets
- Electrical, Lighting and Communications - 3 sheets
- Architectural Sheets - 4 sheets
- Architectural Details - 2 sheets

Individual demolition plans will not be developed. Demolition will be shown on the improvement plan sheets.

Kimley-Horn will develop the standalone technical specifications, based on the Caltrans 2023 Standard Specifications. It is assumed that LAVTA will provide the front-end specification (“boiler plate”).

Kimley-Horn will prepare an updated opinion of probable construction cost.

We anticipate that LAVTA, the local cities (as applicable), Las Positas College and BART (if applicable) will provide one set of non-conflicting comments on the 35% PS&E in a written format, or Kimley-Horn will schedule a meeting with LAVTA to discuss the comments.

For each deliverable, documents will be provided in electronic format (Microsoft Word and PDF) to LAVTA for review and comment.

Deliverables

- 65% Plans, Technical Specifications and Estimates
- Comments Response Table

Task 4.1 – Prepare 95% PS&E Documents

This task includes preparation of plans, technical specifications, and opinions of probable construction cost (PS&E) at the 95% design level. The designs will include custom shelter and amenity placements, design details for the amenities (e.g., real-time sign foundations), new sidewalk conforms to public and private sidewalks if applicable, and electrical design for the new shelters if added to the project (i.e., solar-powered signs). Our scope assumes that no changes will be needed to existing storm drain systems as well as no right of way acquisitions.

Our scope of services and fee includes the following assumptions of sheet types and numbers.

- Cover sheet with Location Map - 1 sheet
- General Notes and Abbreviations - 1 sheet
- Horizontal Control - 2 sheets
- Demo sheets – 3 sheets
- Layout sheets - 3 sheets
- Drainage and Utility Plan - 2 sheets
- Electrical, Lighting and Communications - 3 sheets
- Architectural Sheets - 4 sheets
- Architectural Details - 2 sheets
- Construction details (curb ramps, sidewalks, foundation details) – 3 sheets

Kimley-Horn will develop the standalone technical specifications, based on the Caltrans 2023 Standard Specifications. It is assumed that LAVTA will provide the front-end specification (“boiler plate”).

As necessary, Kimley-Horn will apply for permits including those that may be needed from BART or the Las Positas College. It is assumed that permit fees are not included as part of this scope and fee, and that all permits will be no-cost permits or will be covered by others.

Kimley-Horn will prepare an updated opinion of probable construction cost.

We anticipate that LAVTA, the local cities (as applicable), Las Positas College and BART (if applicable) will provide one set of non-conflicting comments on the 95% PS&E in a written format, or Kimley-Horn will schedule a meeting with LAVTA to discuss the comments.

For each deliverable, documents will be provided in electronic format (Microsoft Word and PDF) to LAVTA for review and comment.

Deliverable

- 95% Plans, Technical Specifications and Estimates
- Comments Response Table

Task 4.2 – Prepare 100% PS&E

Upon receipt of comments on the 95% PS&E documents, Kimley-Horn will revise the 95% PS&E documents and prepare the 100% PS&E documents. We will prepare a comments response table that will summarize the comments received and their corresponding responses and disposition of each comment.

Kimley-Horn will prepare and submit the 100% PS&E documents including the technical specifications and opinion of probable construction cost.

Kimley-Horn will work with the local cities (as applicable), Las Positas College and BART (if applicable) to apply for and submit for required encroachment/construction permits. It is assumed that the permits will be no fee permits and any associated permit fees are not included in this scope/fee.

Deliverable

- 100% Plans, Technical Specifications and Estimates
- Comments Response Table

Task 4.3 – Prepare Final (Bid Ready) Documents

Upon receipt of comments on the 100% PS&E documents, Kimley-Horn will prepare the Final PS&E documents which will include full sized (24"x36") signed and sealed plans, signed and sealed Technical Specifications, and the final Opinion of Probable Construction Cost.

Deliverable

- Comments Response Table
- Final PS&E documents (signed and sealed)

Task 5 – Post Design and Construction Support Services

Kimley-Horn will provide post design and construction support and coordination services upon completion of the designs. This includes, but is not limited to, attendance at the pre-bid meetings, responses to contractor questions on the bid documents, preparation of bid addendums, attendance at the pre-construction meeting, preparation of contract change orders (if necessary), reviews of product submittals, responses to Request for Information (RFI), reviews of shop drawings, and field review meetings (as necessary).

Deliverables:

- Preparation of procurement documents (e.g., addendums, etc.)
- Reviews of product and other contractor submittals
- Reviews of shop drawings
- Responses to RFIs
- Conducting field meetings
- Reviews of contractor progress reports
- Review of punchlist and attendance at the punchlist walkthrough

SCHEDULE

We will begin work immediately upon receipt of a Notice to Proceed. We anticipate completing the deliverables per the schedule outlined in the table below. Kimley-Horn will work with LAVTA to prepare a detailed schedule using the timelines identified below.

Deliverable	Timeline
Concept Designs and Estimate	Within four weeks of NTP
65% PS&E Documents	Within four weeks of receiving comments on the Concept Designs
95% PS&E Documents	Within five weeks of receiving comments on the 65% design documents
100% PS&E Documents	Within three weeks of receiving comments on the 95% design documents
Final PS&E Documents	Within two weeks of receiving all comments on the 100% PS&E documents

FEE PROPOSAL

We propose to perform the Scope of Services outlined above for a firm fixed price not to exceed \$346,210. This fee includes direct expenses such as in-house duplicating, telephone, postage, and in-house plan printing. Other direct expenses including subconsultants, mileage, meals, and plan production are included as direct expense line items.

Services other than those set forth in the Scope of Services shall constitute extra services. Extra services, shall be performed only with LAVTA's authorization.

Task	Fee
Task 1: Project Management and Coordination	\$42,420
Task 2: Data Gathering	\$36,630
Task 3: 35% Concept Designs	\$41,050
Task 4: PS&E Documents	\$178,810
Task 5: Bid Support/Construction Support	\$47,300
TOTAL:	\$346,210

RESOLUTION NO. 20-2024

**A RESOLUTION OF THE BOARD OF DIRECTORS
OF THE LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY
AWARDING TASK ORDER CONTRACT #2 TO KIMLEY HORN FOR TRI-
VALLEY PASSENGER FACILITIES ENHANCEMENT PROJECT DESIGN
SERVICES**

WHEREAS, LAVTA requires the services of a civil engineering firm to develop plans and specifications for the Tri-Valley Passenger Facilities Enhancement project (Project), including providing design and project management services; and

WHEREAS, Kimley-Horn & Associates, Inc. (Kimley Horn) was awarded an On-Call Engineering Services contract by LAVTA (RFP #2021-04) covering the term of the work to be performed; and

WHEREAS, Kimley-Horn was the highest-ranking on-call engineering firm in the disciplines of both civil and traffic engineering; and

WHEREAS, Kimley Horn and LAVTA staff have negotiated a detailed scope of work for the Project at a firm fixed fee of \$346,210;

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Livermore Amador Valley Transit Authority that the Executive Director may award a task order to Kimley-Horn & Associates, Inc. for \$346,210 for engineering services for the Tri-Valley Passenger Facilities Enhancement Project; and

BE IT FURTHER RESOLVED that the Board of Directors authorizes the Executive Director to expend a 10% contingency amount not to exceed \$34,621, for a total authorized amount not to exceed \$380,831; and

BE IT FURTHER RESOLVED that the Executive Director is authorized to execute a task order with Kimley-Horn in a form approved by LAVTA's Legal Counsel.

PASSED AND ADOPTED this 1st day of July 2024

Evan Branning, Chair

ATTEST:

Christy Wegener, Executive Director

APPROVED AS TO FORM:

Michael Conneran, Legal Counsel