LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY

STAFF REPORT

SUBJECT: Approve Resolution 27-2021 with Kimley-Horn and Associates for Bridging/Design Services for the Atlantis Transit Facility

FROM: Toan Tran, Director of Operations and Innovation

DATE: October 4, 2021

Action Requested
The Projects & Services Committee recommends that the Board of Directors approve Resolution 27-2021, authorizing the Executive Director to execute a Contract Task Order between LAVTA and Kimley-Horn and Associates (KHA) for bridging/design services for the Atlantis Transit Facility.

Background/Discussion
In 2006, LAVTA purchased the Atlantis Transit Facility located in the Oaks Business Park. Conceptual design was initiated in 2008 but due to the recession, the project was put on hold. The bus wash and fueling facilities were constructed in 2013 but no other major activities have taken place since.

With potential federal and state funding made available in the near future and Alameda County Transportation Commission (ACTC) including this project on its 10-year priority list, staff took the plan off the shelf and began work with KHA on the initial phase, consisting of planning and conceptual design. The result of the initial phase will be a LAVTA decision for the proposed site layout, components and general site specifications required to use as a basis for continuing with the design in the next phase.

In July 2020, the LAVTA Board approved Resolution 20-2020, authorizing the Executive Director to execute Contract Task Order 4 between LAVTA and Kimley-Horn and Associates in the amount of $450,000 to assist with project management services for schematic design (SD) plans. The work items in the SD plans, which has been completed, include: civil site plans, landscape architectural plans, site lighting plans, site electrical plans, and building architectural plans.

The next phase of the project consists of the development of the bridging documents (bid documents) and 60 percent completion of design. This phase will add details to the existing documents and bring the design set to bid-ready documents for a future Design-Build phase. The scope advances the current Architectural, Civil, Landscape, and Structural elements, and will also incorporate new elements such as Geotechnical studies and the zero-emission study recommendations. The objective for this stage is to have complete contractor bid-level

documents and progress through the City's Planning Approval process. The funding for this phase was recently approved by ACTC during the Commission's July 2021.

Fiscal Impact
The total cost for the development of the bridging document and 60 percent design is $992,200; this amount includes 10 percent or $90,200 for contingency. The funding for this phase is included in LAVTA's fiscal year 2021-22 approved capital budget.

Recommendation
The Project & Services Committee recommends that the Board of Directors approve Resolution 27-2021, authorizing the Executive Director to execute a Contract Task Order with Kimley-Horn and Associates for bridging/design services for the Atlantis Transit Facility, for a not-to-exceed amount of $902,000 with a contingency amount of $90,200 to be utilized at the discretion of the Executive Director.

Attachments:
1. Resolution 27-2021
2. KHA Contract Task Order 5

Approved: _____

RESOLUTION NO. 27-2021

A RESOLUTION OF THE BOARD OF DIRECTORS OF THE LIVERMORE AMADOR VALLEY TRANSIT AUTHORITY AUTHORIZING THE EXECUTIVE DIRECTOR TO EXECUTE CONTRACT TASK ORDER 5 WITH KIMLEY-HORN AND ASSOCIATES FOR BRIDGING/DESIGN SERVICES FOR THE ATLANTIS TRANSIT FACILITY

WHEREAS, the Livermore Amador Valley Transit Authority (LAVTA) purchased the Atlantis Transit Facility located in the Oaks Business Park; and

WHEREAS, the bus wash and fueling facilities were constructed in 2013; and

WHEREAS, with potential federal and state funding being made available in the near future and Alameda County Transportation Commission (ACTC) including this project on its 10-year priority list, staff has taken the plan off the shelf and begun work with Kimley-Horn and Associates; and

WHEREAS, the first two phases of conceptual designs and schematic designs have been completed; and

WHEREAS, on July 22, 2021, ACTC approved LAVTA's request for funding for the Atlantis Transit Facility bridging/design services; and

WHEREAS, staff has determined that Kimley-Horn and Associates has the necessary professional qualifications and has demonstrated competence in providing bridging/design services based on its prior services; and

WHEREAS, the next phase of the project consists of the development of the bridging documents and 60 percent completion of the design plans; and

WHEREAS, this phase will add details to the existing documents and bring the design set to bid-ready documents for a future Design-Build phase. The scope advances the current Architectural, Civil, Landscape, and Structural elements, and will also incorporate new elements such as Geotechnical studies and the zero-emission study recommendations. The objective for this stage is to have complete contractor bid-level documents and progress through the City's Planning Approval process; and

NOW, THEREFORE, BE IT RESOLVED by the Board of Directors of the Livermore Amador Valley Transit Authority that the Executive Director is authorized to execute Contract Task Order 5 with Kimley-Horn and Associates for a not-to-exceed amount of $902,000 with a contingency amount of $90,200 to be utilized at the discretion of the Executive Director for bridging/design services for the Atlantis Transit Facility.

PASSED AND ADOPTED by the governing body of the Livermore Amador Valley Transit Authority (LAVTA) this 4th day of October 2021.

BY_____
Karla Brown, Chair

ATTEST_____
Michael Tree, Executive Director

Kimley-Horn Task Order No. 05
Scope of Services
For On-Call Engineering Consulting Services

September 27, 2021

Kimley-Horn and Associates, Inc. is currently contracted with Livermore Amador Valley Transit Authority (LAVTA) for On-Call Engineering Consulting Services (RFP #2016-14). This scope of services is for Task Order No. 5 under the Agreement signed February 3, 2017, to assist LAVTA with project management services for the Bridging Document design phase for LAVTA's transit facility.

The scope of services for Task Order 5 is described below.

BACKGROUND AND PURPOSE

The consultant, Kimley-Horn and Associates, Inc. (KHA) is submitting this scope of work to provide professional design of the bus maintenance facility at Atlantis Court. This document will define Phase 3 of the project scope; Phase 1 (Task Order 3 dated May 15th, 2020) was the planning and conceptual design phase and Phase 2 (Task Order 4 dated July 23rd, 2020) was the schematic design phase. Phase 3 will advance the current schematic design documents to 60% Bridging Documents. The purpose of Phase 3 is for KHA to continue to support LAVTA's efforts to plan, develop, design and implement improvements to their physical fixed assets at their transit bus maintenance facility.

The services for all three phases will be performed according to a schedule mutually determined by LAVTA and KHA. The following sections of this scope of work will define in greater detail the proposed phasing of services to be performed, including a general listing of sub-task services for each phase of the project.

Description of Work and Phasing

The scope of work for the project is to assist LAVTA with project management services for planning, engineering design, and construction activities for LAVTA's transit facility.

Kimley-Horn's project services will cover three (3) phases of the project (see Figure 1):

Phase 1 - Planning and Concept Design;
Timeline: Competed

Phase 2– Schematic Design;
Timeline: Completed

Phase 3 –60% Bridging Documents
Timeline: Fall/Winter 2021 to Spring 2022

3 PHASE 3 – 60% BRIDGING DOCUMENTS

3.1 General Tasks

The following tasks will be included as subtasks under each Phase:

3.1.1 Project Management and Coordination

KHA shall prepare meeting agendas and draft presentations or other handouts to support LAVTA at these stakeholders/partner meetings. KHA will prepare summary meeting notes for LAVTA. The Design Team will also coordinate with LAVTA and City of Livermore staff as needed to produce the design documents in accordance to LAVTA and City of Livermore design standards.

KHA will schedule and attend weekly or bi-weekly project status update conference calls or meetings consistent with the project schedule as determined by LAVTA. These calls will be led by Kimley-Horn and attended by project team members, LAVTA staff and open to other relevant stakeholders or partners.

3.2 60% Bridging Documents

The schematic design plans finalized in Phase 2 will be further developed by the Design Team. This will further identify appropriate design criteria and existing conditions that affects the design and construction of the proposed facilities. The Design Team will advance the schematic level building and site plans providing additional layers of detail regarding site improvements and building architecture to bring the plan to Bid level ready.

This design phase will include services from site civil, building architecture, landscape architecture, site lighting, utilities, structural engineering, electrical as well as additional services from mechanical, geotechnical, security/av and other specialized services. The documents produced will guide and bridge the design between the current schematic design phase and forthcoming construction/design-build phase. The plans will incorporate the CTE study and will be submitted for City of Livermore's Planning Approval.

3.2.1 Detailed 60% Design Plans

This Design will provide plans with sufficient detail of site improvements to provide information on the recommended location and sizes of offices, hallways, shops, employee facilities, storage rooms, vehicle bays, vehicle parking structure, wash facility, building risers, and utility areas (including communications). The document will expand further on the conceptual design developed in Phase 1 and Phase 2.

Civil Site Plans

Kimley-Horn will further develop the 30% Schematic Design package for the 60% Bridging Plan Set. This includes advancing the site plan with additional details sufficient for a typical bid level design set as well for the City of Livermore's Planning Application requirements. The 60% Civil Site Plans will also include site facilities to incorporate the CTE Emission studies and will be designed to CBC, CalGreen and City of Livermore Standards.

This includes detailed design for the parking lot and maintenance yard with site features such as accessible path of travel, ADA stalls, EV parking stalls, fence/gates, bioretention and Storm Water features.

The wet utility plan featuring site water lines, wastewater, gas lines and storm water. This design will include pipe material, line sizes and pipe slopes, which will be shown from the building face to the City's point of connection. Utility profiling will not be included as part of this scope.

The 60% Civil Site Design plan set will include:

- Existing conditions and Survey plan
- Horizontal control plan
- Detailed Grading and Drainage plan
- Demolition plan
- Storm Water Control Plan and details
- Wet Utility Plan
- Dry Utility Plan
- Fire Access Plan
- Erosion Control Plan and Details
- Striping and Signing Plan
- Construction Details

Landscape Architectural Plans

Kimley-Horn will further develop the 30% Schematic Design package for the 60% Bridging Plan Set. This includes advancing the landscape plans with additional details sufficient for a typical bid level design set as well for the City of Livermore's Planning Application requirements. At this phase, plans will be black and white. Color-rendered graphics, 3D visual simulations and other illustrative products will be included as part of the Graphics Design task.

Based on the concepts and themes represented in the approved 30% Schematic Design package, Kimley-Horn will prepare one (1) set of Landscape Architectural plans. At this phase, the previously prepared consolidated plan will be broken out into three sets:

1. Tree Disposition Plans and Details– will portray existing trees to remain, to be removed, and/or to be relocated. The plans will rely on the site topographic survey and project arborist's tree protection report to depict location, species, size and general health disposition of each tree. The plans may also include applicable notes and details for site preparation, protecting existing trees, root pruning, and removal of concrete within the vicinity of existing trees. It is assumed that the arborist report will reference the tree protection report for additional notes and full tree inventory list.
2. Landscape Layout Plans and Details – depicting hardscape limits, finishes and materials, and fixed site features located on the ground-level (limited to trellises and awnings, one (1) primary signage monument located at the Discovery Drive entry, fences, seat walls, decorative pots, raised planters, and trash receptacles). The plans will show critical dimensions necessary for layout of the above-mentioned features. Plans will also include applicable details and notes for site-built features. Details shall be design-intent only. Contractor shall submit structurally reviewed and certified shop drawings to the project

landscape architect for final approval, prior to construction. This task assumes movable site furnishings are part of the FF&E (Furniture, Fixtures and Equipment) budget and scope and are excluded. Site furnishings selection and placement may be provided as an additional service.

3. Landscape Irrigation Plans and Details – portraying proposed POC (point-of-connection) manifold, mainline route, limits and methods of irrigation, and preliminary ETWU (estimated total water use) calculations. Plans will also include applicable preliminary details and notes for the proposed irrigation system design and implementation.
4. Landscape Planting Plans and Details – will depict areas of planting, locations for proposed and existing trees and shrubs, and full schedule of plants species used. The plant schedule will provide scientific and common plant name, preliminary quantities, container size, and WUCOLS (water use classification of landscape species) rating. Plans will also include applicable typical notes and details for layout and installation of proposed plants.

Site Lighting/Security Plans

Kimley-Horn will advance the 30% Schematic Design for the site lighting to a 60% design level. It is assumed that the site lighting plans will include luminaire locations matching what was shown in the 30% plans. In addition to lighting locations, the 60% plans will show conduit and conductor information as well as circuit and termination information.

In addition, Kimley-Horn will produce a site security plan showing the location of CCTV cameras and system elements including conduit, cabling, and termination equipment.

It is assumed that the following services are not included but can be provided as additional services:

- Foundation design for light poles
- CCTV line of site analysis
- CCTV coverage analysis

Site Electrical Plans

Kimley-Horn will advance the 30% Schematic Design for the site electrical to a 60% design level. At this level, it is assumed that the site electrical plan will consist of an electrical layout matching what was shown in the 30% plans. The additional information not provided in the 30% design that will be added for the 60% design will include:

- Voltage drop calculations
- Transformer/equipment/feeder schedules
- Panel schedules

In addition, it is understood that the project site will require an electric vehicle charging station system. For this system, Kimley-Horn will size a new transformer and show connections to the electric vehicle chargers. This system will be incorporated into the voltage drop calculations and all necessary schedules as mentioned above for the electrical system.

It is assumed that the following services are not included but can be provided as additional services:

- Emergency/back-up electrical generator design

Architectural Services LAVTA Administration Building

Development of 60% Design Development Documents.

Preparation of Design Criteria. The Architect will prepare the design criteria, performance specifications, and other project-specific material sufficient to provide the basis for competitive procurement. The Architect will meet with representatives and end-user groups to develop general requirements for materials, products, finishes, and equipment required to meet the Owner's design standards.

The Documents shall be of sufficient detail to show design intent and to allow Design-Build Contractors to prepare a bid and they will include, at a minimum:

- The size, type, shape, height, configuration, and desired design character of the building.
- Performance and, when required, prescriptive specifications covering the quality of materials to be used, equipment, building components and levels of required workmanship, public spaces, and the general architectural character of the building.
- Floor plans, exterior elevations, and building sections.
- Design criteria for mechanical and electrical systems to clearly show the required characteristics, quality of environment, and control required.
- Attend meetings with the Project team to review and discuss progress, problems, and activities planned.
- Present the completed 60% Design Development Documents to the Owner.
- Secure City Planning Approvals for our portion of the Project.
- Prepare a statement of probable construction cost based on the 60% Design Development Documents.

The following subconsultant services are included within this 60% scope of work:

- Performance Specifications
- Building Mechanical, Electrical and Plumbing Design
- Building Acoustical, Audio Visual, Telecom and Security Design
- Waterproofing Design
- Signage
- Building Elevator
- Building Lighting

Details regarding subconsultant scope of work can be provided upon request.

Architectural Services LAVTA Maintenance Building

LAVTA is planning to complete relocate their bus operations to a larger site to address current and future growth. All operations of the agency to the Atlantis site. This phase is to develop 60% construction drawings and specifications to be used as bridging documents for bidding to contractors

for a Design/Build Project Delivery.

Development of 60% Design Development Documents.

- Architectural support for civil site plan
  - Clear delineation of the project limit lines
  - Preliminary spot elevations

- Existing utilities noted
- Proposed utilities noted
- Site drainage, storm water removal or detention noted
- Identify number of parking spaces and code/zoning requirements
- Provisions for trash disposal and removal by truck dock, compactor etc.
- Conformance to zoning restrictions for easements and setbacks, etc.

- Architectural plans First Floor, 2nd Floor
  - Plans of all floors showing structural grid, vertical circulation elements, core elements, vertical
  - shafts, interior partitions, door and window locations, floor elevations
  - Key dimensions, bay sizes and overall dimensions
  - Plan indicating major extent of materials and any special conditions or equipment
  - Reflected ceiling plans

- Roof plan
  - Structural grid
  - Roof material
  - Preliminary drains and slope

- Section 1, 2, 3, 4
  - Typical all sections: Floor to grade relationships; Floor to ceiling heights

- Building Elevations
  - Major elevations with extent of glazing and mullion spacing indicated
  - Major materials identified and referenced
  - Floor lines, roof line and top of parapets indicated with dimensions
  - Finished grade elevations
  - Detail references to further define the building envelope

- Design Development Wall Sections
  - Major sections through building to show relevant conditions
  - Structural grid
  - Building to grade relationship
  - Floor to floor and floor to ceiling height
  - Material designations
  - Detail references at floor and roof intersections

- Design Development Details
  - Major details at floor and roof intersections
  - Typical wall types
  - Window types schedule
  - Door types schedule
  - Millwork elevations
  - Restroom elevations

- Architectural Support to Structural Design, Structural Framing, Foundation Plan, Geotechnical
  - Design criteria narrative

    - Structural system description including alternates considered
    - Single line floor framing plans
    - Typical bay and member sizes noted
    - Description of foundation system, compare with geotechnical report

- Architecture support for HVAC First Floor, 2nd Floor Plan, Roof Plan
- Architecture support for Plumbing
- Architecture support for First and 2nd Floor Power & Lighting Plan
    - Electrical Connection Points
    - Substation and Switch Gear Rooms Shown
    - Lighting Indicated
    - Telephone and Electrical Rooms Shown
- 65% development of all specifications sections
- Code Analysis Review as Needed

The following subconsultant services are included within this 60% scope of work:

- Cost Estimating
- Building Mechanical, Electrical and Plumbing Design
- Maintenance Facility Special Equipment Design Plans
    - Maintenance Facility Documents will also include design plans that address the functional requirements of the new maintenance facility for LAVTA including detailed functional shop layouts utilizing new maintenance equipment and the identified existing equipment to be relocated from LAVTA's existing facility.

Details regarding subconsultant scope of work can be provided upon request.

Structural Plans

Kimley-Horn will further develop the 30% Schematic Design package for the 60% Bridging Plan Set for the Administration Building, Maintenance building, and miscellaneous site structures. This includes advancing the plans with additional information sufficient for a typical bid level design set as well for the City of Livermore's Planning Application requirements. The information that will be included in the 60% design will include:

- Structural foundation and framing plans
- Building Sections
- Elevation views of the lateral system
- General notes and inspection requirements
- Details for major structural elements including foundation elements, lateral system details, and non-typical details.

3.2.2 Agency Review

The Design plans will be submitted to LAVTA staff for review and comment prior during the design phase prior to finalizing the 60% Bridging Documents. LAVTA staff will review the design submittal from the Design Team and provide comments for incorporation into the Final Schematic Design Documents.

3.2.3 Graphic Renderings

The Design Team will refine graphic renderings of the buildings and develop renderings of site as exhibit materials for presentations and other usages. Graphic renderings are assumed to be of two formats: 1) Revit model of 3d building renderings; 2) Photo-simulated 3d renderings of the site based on aerial drone footage.

Renderings will be produced based using the project design plans as a base. Graphical elements such as landscaping elements, paving materials, building materials, site facility elements, etc will be provided as a color graphic.

Four to six exhibits are expected to be produced as part of this of this task – two for each building and two aerial oblique photo-simulations of the site.

3.2.4 Geotechnical Investigation

We propose to perform a scope of services that will include field exploration, laboratory testing, geotechnical engineering analysis, and report preparation as outlined below.

Field Exploration

We propose to explore subsurface conditions at the site by drilling five (5) borings to depths between 15 and 30 feet below the present ground surface or until essential refusal. Prior to our drilling operation, we will mark the proposed boring locations by visual sighting and/or pacing from the existing features. Actual boring locations and depths of boring will depend upon the site conditions encountered in the field.

A representative will log soils encountered and obtain soil samples for visual examination, classification, and laboratory testing in accordance with ASTM Standards. Upon completion, borings will be backfilled with grout. Excess cuttings will be spread on-site in the planters near the boring locations. We have assumed the borings will take one day to complete.

Double ring infiltrometer tests will be installed and performed at the site to determine the infiltration rate of the near surface soils for design of the bioretention system. Two infiltrometer tests will be performed to understand the infiltration rate throughout the site.

Laboratory Testing

A laboratory testing program is proposed to aid in evaluating the engineering characteristics of the site soils. The testing program may include moisture content, dry density, Atterberg limits, compaction, unconfined compression, and corrosive parameters as deemed appropriate. The tests selected, and the frequency of testing will be based on the subsurface conditions encountered.

Geotechnical Analysis and Report

Based upon the review of the results from field exploration, laboratory tests and analysis, we would prepare a report containing the following:

1. Project description
2. Summary of site surface, subsurface soil, and groundwater conditions
3. Recommendations related to the geotechnical aspects of:

a. Site grading including site preparation and earthwork construction
b. Utility trench excavation and backfilling
c. Exterior slab-on-grade
d. Foundation construction including allowable foundation bearing pressures, lateral soil resistances, and anticipated total and differential settlements
e. 2019 CBC seismic design coefficients for use in structural analysis
f. Liquefaction analysis
g. Surface and subsurface drainage
h. Near surface soil infiltration rate

4. An appendix containing a summary of the field exploration and laboratory testing program, boring logs and laboratory test results.

3.2.5 Project Specifications and Opinions of Probable Cost

The Design Team shall provide 60% design level specifications and an opinions of probable cost estimates to quantify the future construction costs to implement the desired improvements to the facility.

The project specifications will be further developed from the outline specifications previously provided. The specifications prepared shall illustrate materials proposed for use, interior finishes, applicable codes and standards and methods of construction. Specifications will be prepared in CSI format. Separate specification volumes will be prepared for each component of the site.

The cost estimate will contain an itemized list of the major items used in the design and will build upon the 30% Opinion of Probable Cost previously submitted. The cost for structures and buildings will be obtained using comparative numbers from similarly completed projects on a cost per square foot basis.

3.3 Task Schedule

The Phase 3 tasks will take approximately 3 to 4 months, with exact schedule to be determined by LAVTA and KHA. Key milestone dates are anticipated as follows:

Key Milestone Dates:

- Expected NTP: 10/2021
- Draft 60% Bridging Documents to LAVTA review: December 2021
- Draft 60% Opinion of Probable Cost: January 2022
- Draft 60% Specifications: January 2022
- Submittal to City Planning Department: January 2022
- Final 60% Design Documents: March 2022
- Planning Commission Meeting: April 2022

3.4 Deliverables

- ✓ Monthly progress meetings/minutes (Task 3.1.1)
- ✓ Monthly reports (Task 3.1.1)
- ✓ Design Package (Task 3.2.1, 3.2.3)
  This task will include the completion of 60% Bridging Documents in conformance with the previously approved schematic design plans in Phase 2. Continuous coordination with LAVTA

staff and design team shall be maintained throughout the design phase to reduce time required for detailed reviews. Milestone reviews shall be scheduled at the completion to produce the Final 60% Bridging Documents. however, the continual coordination mechanisms in place shall allow the Design Team to continue work as the documents are being reviewed.

- ✓ Graphic Renderings (Task 3.2.4)
- ✓ Opinion of Probable Cost (Task 3.2.5)
- ✓ Project Specifications (Task 3.2.5)

3.4 Task Costs

The fee schedule for the 60% Bridging Documents is below:

	Kimley-Horn PM and Civil Design	Kimley-Horn Structural Design	Kimley-Horn Landscape Architecture	Kimley-Horn Lighting and Electrical Design	KH Subconsultants			Heller Manus	FMG
Task									
Meetings and Coordination	$24,900.00	-	-	-	-			-	-
Draft 60% Schematic Design Deliverable	$22,400.00	$84,000.00	$17,500.00	$22,400.00	-			$181,000.00	$104,000.00
Final 60% Schematic Design Deliverable	$9,600.00	$36,000.00	$7,500.00	$9,600.00	-			$86,200.00	$48,100.00
Cost Estimate	$3,000.00	$1,000.00	$1,000.00	$1,000.00	-			$11,000.00	$10,000.00
Project Specifications	$3,000.00	$1,000.00	$1,000.00	$1,000.00	-			$38,000.00	Included
Geotechnical Study	-	-	-	-	$16,000.00				
Building MEP								$55,000.00	$47,400.00
Maintenance Specialty Equipment								-	$59,400.00
Total	*$62,900.00*	*$122,000.00*	*$27,000.00*	*$34,000.00*	*$16,000.00*			*$371,200.00*	*$268,900.00*

Kimley-Horn Total:	**$261,900.00**
Heller Manus Total:	**$371,200.00**
FMG Total:	**$268,900.00**

Total for Phase III:	**$902,000.00**

3.6 Assumptions and Exclusions

- Kimley-Horn assumes that a final direction regarding the fleet of the zero-emission vehicles from the CTE emission study will have been chosen by LAVTA prior to the start of the 60% Design. Changes in zero emission infrastructure will impact the site and building designs.
- Utility analysis, reports and studies are not included within this 60% design phase. Reasonable engineering estimates will be made regarding pipe sizing, capacity and flow. Kimley-Horn assumes that the existing utility infrastructure surrounding the site is sufficient for the proposed development.
- Design will be guided by the latest City of Livermore Standards, CalGreen Building Standards, and California Building, Electrical, Mechanical, Plumbing, Fire, Residential and Energy Code. At this time, we understand that the City of Livermore has not adopted any additional reach codes.
- The proposed site and buildings will follow CalGreen Building Standards, any additional LEED certification rating has not been identified.
- Bid support and bidding phase assistance is not included in this phase and is anticipated for the next phase of design and construction administration.