

March 29, 2022

Chabot Las Positas Community College District  
3000 Campus Hill Drive  
Livermore, CA 94551

Attention: Ann Kroll  
Project Planner, Manager/Facilities Bond Program

Subject: Las Positas College Horticulture Facility - Additional Services Request 5  
Construction Related Changes to Design  
ACM Project No. C9508

Dear Ann,

Please accept this proposal for additional services to support the Las Positas Horticulture Facility construction. While there have been a number of CCD's prepared to address construction needs, we have limited our additional services request to the following scope of work which involved issues requiring changes to drawings and specifications, and/or calculations.

## 1.0 Scope of Work

### 1.1 Steel Deck Alternate to BOD – CCD006

- 1.1.1 Contractor requested change from basis of design steel deck specification require DSA approval due to variances in material/section properties.
- 1.1.2 Work includes review of alternative product, preparing supporting calculations, coordinating DSA review, and issuance of CCD.

### 1.2 Base Plate Field Fix – CCD008

- 1.2.1 Mis-located bolt holes on steel beam resulted in column being offset on base plate. DSA approval required for structural calculations to validate this condition.
- 1.2.2 Work includes reviewing proposed solution, preparing supporting calculations and detail, coordinating DSA review, and issuance of CCD.

### 1.3 Anchor Bolts Field Fix – CCD009

- 1.3.1 Installed anchor rods were cut too short and not flush to washers as required, necessitating structural repair solution for DSA review and approval.
- 1.3.2 Work includes development of design solution, preparing corrective detail, coordinating DSA review, and issuance of CCD.

### 1.4 Titen Bolts Field Fix – CCD010

- 1.4.1 Cast-in-place sill bolts were not installed per contract documents necessitating structural evaluation and development of alternate solution.
- 1.4.2 Work includes development of design solution, preparing corrective detail, coordinating DSA review, and issuance of CCD.

### 1.5 Penetrations / Openings thru Structure – CCD013 – Not charged

- 1.5.1 Backing and straps were not installed per contract documents and pipe routes were not coordinated with available stud punchouts.

- 1.5.2 Structural evaluation and calculations were performed, discussed with construction team, and proposed details prepared for DSA approval and issuance of CCD.
- 1.6 Structural Responses for Field Fixes
  - 1.6.1 Structural evaluation and on-site review of installed plate washers at sill bolts deviating from contract documents.
  - 1.6.2 Structural review and evaluation of test reports for shade structure framing elements lacking Material ID.
  - 1.6.3 Work includes development of design solutions, preparing corrective details, and coordinating RFI responses.
- 1.7 Electrical/AV Scope Adjustments
  - 1.7.1 Modifications to electrical AV drawings and specifications to address changes requested by IT subsequent to approved design.
  - 1.7.2 Multiple design team submittal iterations due to incomplete submittals.

## 2.0 Fees

In accordance with our Agreement, ACM requests the following adjustment to our contract on Time and Materials basis as summarized below and detailed on attached.

Steel Deck Alternate to BOD – CCD006:	\$1,791
Base Plate Field Fix – CCD008:	\$2,812
Anchor Bolts Field Fix – CCD009:	\$1,570
Titen Bolts Field Fix – CCD010:	\$847
Penetrations/Openings – CCD013:	\$0
Structural Response for Field Fixes:	\$5,456
Elec/AV Scope Adjustments:	\$2,321
<b>Total Additional Services Fee:</b>	<b>\$14,797</b>

Thank you for opportunity to provide our services on the Las Positas College Horticulture Facility project. Please do not hesitate to call or email me with any questions.

Regards,



Anna Win, AIA  
Studio Principal

Cc: Inez Ayerra

Attachments: ACM T&M Labor Summary sheets (7 pages)  
Structural Add Services



## ACM T&M LABOR SUMMARY - LPC HORTICULTURE

### Steel Deck Substitution CCD006 - Scope of Work:

- 1 Structural calculations to validate substitute deck complies with code
- 2 Preparation of CCD for DSA review and approval
- 3 Project management and coordination

Discipline	Hours	Rate	Amount	Total
Architectural				\$305
Project Administrator	1	\$75	\$75	
Designer	0	\$140	\$0	
Principal	1	\$230	\$230	
Structural				\$1,486 *
Drafting	0	\$115	\$0	
Engineer	5	\$170	\$850	
Sr. Engineer	2	\$180	\$360	
Principal Engineer	1	\$205	\$205	
<b>Additional Services Fee:</b>				<b>\$1,791</b>

*\*includes ACM 5% markup on subconsultants*

## ACM T&M LABOR SUMMARY - LPC HORTICULTURE

### Column Base Plate Field Fix CCD008 - Scope of Work:

- 1 Develop structural detail for field fix to address mislocated column bolt holts
- 2 Structural calculations to validate offset base plate
- 3 Preparation of CCD for DSA review and approval
- 4 Project management and coordination

Discipline	Hours	Rate	Amount	Total
<b>Architectural</b>				<b>\$305</b>
<i>Project Administrator</i>	1	\$75	\$75	
<i>Designer</i>	0	\$140	\$0	
<i>Principal</i>	1	\$230	\$230	
<b>Structural</b>				<b>\$2,507 *</b>
<i>Drafting</i>	2	\$115	\$230	
<i>Engineer</i>	7.25	\$170	\$1,233	
<i>Sr. Engineer</i>	4	\$180	\$720	
<i>Principal Engineer</i>	1	\$205	\$205	
<b>Additional Services Fee:</b>				<b>\$2,812</b>

*\*includes ACM 5% markup on subconsultants*

## ACM T&M LABOR SUMMARY - LPC HORTICULTURE

### Anchor Bolts Field Fix CCD009 - Scope of Work:

- 1 Develop structural detail to describe field fix for short anchor rods
- 2 Preparation of CCD for DSA review and approval
- 3 Project management and coordination

Discipline	Hours	Rate	Amount	Total
<b>Architectural</b>				<b>\$305</b>
<i>Project Administrator</i>	1	\$75	\$75	
<i>Designer</i>	0	\$140	\$0	
<i>Principal</i>	1	\$230	\$230	
<b>Structural</b>				<b>\$1,265 *</b>
<i>Drafting</i>	1	\$115	\$115	
<i>Engineer</i>	1.5	\$170	\$255	
<i>Sr. Engineer</i>	3.5	\$180	\$630	
<i>Principal Engineer</i>	1	\$205	\$205	
<b>Additional Services Fee:</b>				<b>\$1,570</b>

*\*includes ATI 5% markup on subconsultants*

## ACM T&M LABOR SUMMARY - LPC HORTICULTURE

### **Titen Bolts Field Fix CCD010 - Scope of Work:**

- 1 Develop structural detail to describe field fix as cast-in-place sill bolts were not installed per contract drawings.
- 2 Preparation of CCD for DSA review and approval
- 3 Project management and coordination

Discipline	Hours	Rate	Amount	Total
<b>Architectural</b>				<b>\$305</b>
<i>Project Administrator</i>	1	\$75	\$75	
<i>Project Architect</i>	0	\$180	\$0	
<i>Principal</i>	1	\$230	\$230	
<b>Structural</b>				<b>\$542 *</b>
<i>Drafting</i>	1.25	\$115	\$144	
<i>Engineer</i>		\$170	\$0	
<i>Sr. Engineer</i>	1.5	\$180	\$270	
<i>Principal Engineer</i>	0.5	\$205	\$103	
<b>Additional Services Fee:</b>				<b>\$847</b>

*\*includes ATI 5% markup on subconsultants*

## ACM T&M LABOR SUMMARY - LPC HORTICULTURE

### Penetrations / Openings thru Structure CCD013 - Scope of Work:

- 1 Evaluate structure and develop details to accommodate pipes through studs and shear walls due to construction coordination issues.
- 2 Preparation of CCD for DSA review and approval
- 3 Project management and coordination

Discipline	Hours	Rate	Amount	Total
Architectural				\$535
<i>Project Administrator</i>	1	\$75	\$75	
<i>Project Architect</i>	0	\$180	\$0	
<i>Principal</i>	2	\$230	\$460	
Structural				\$1,318 *
<i>Drafting</i>	0	\$115	\$0	
<i>Engineer</i>	3	\$170	\$510	
<i>Sr. Engineer</i>	3	\$180	\$540	
<i>Principal Engineer</i>	1	\$205	\$205	
		<b>Additional Services Fee:</b>		<b>\$1,853</b>
		<b>No Charge:</b>		<b>&lt;\$1,853&gt;</b>
				<b>\$0</b>

*\*includes ATI 5% markup on subconsultants*

## ACM T&M LABOR SUMMARY - LPC HORTICULTURE

### Field Fixes/Construction Coordination Issues

- 1 RFI 113 & 113.1: Structural review and multiple responses to mis-installed to plate washers at sill bolts, including coordination with DSA/IOR, site walk to review installed condition and provide solution to meet intent of structural design
- 2 Review and evaluation of test report for shade structure steel framing members not provided with material ID
- 3 Project management and coordination

Discipline	Hours	Rate	Amount	Total
Architectural				\$715
<i>Project Administrator</i>	1	\$75	\$75	
<i>Project Architect</i>	1	\$180	\$180	
<i>Principal</i>	2	\$230	\$460	
Structural				\$4,741 *
<i>Drafting</i>		\$115	\$0	
<i>Engineer</i>	1	\$170	\$170	
<i>Sr. Engineer</i>	23	\$180	\$4,140	
<i>Principal Engineer</i>	1	\$205	\$205	
<b>Additional Services Fee:</b>				<b>\$5,456</b>

## ACM T&M LABOR SUMMARY - LPC HORTICULTURE

### Electrical / AV Scope Adjustments

- 1 Modifications to electrical and AV drawings and specifications requested by IT subsequent to previously reviewed and approved design based on District Standards:
  - a) District Std. Spectrum Desk specifications included in design and reviewed prior to bid were updated during submittal reviews
  - b) District Std. document camera specifications reviewed prior to bid were changed during submittal review
  - c) Media Panel specifications reviewed prior to bid were changed during submittal review
  - d) Projection screen specified as 16:9 aspect ratio and reviewed prior to bid changed to 16:10 during submittal review
- 2 Provide multiple AV reviews for incomplete/revised submittals
- 3 Project management and coordination

Discipline	Hours	Rate	Amount	Total
Architectural				\$305
<i>Project Administrator</i>	1	\$75	\$75	
<i>Project Architect</i>	0	\$180	\$0	
<i>Principal</i>	1	\$230	\$230	
Electrical / AV				\$2,016 *
<i>Drafting</i>	4	\$110	\$440	
<i>Sr. Engineer</i>	8	\$185	\$1,480	
<i>Principal Engineer</i>	0	\$210	\$0	
<b>Additional Services Fee:</b>				<b>\$2,321</b>

*\*includes ATI 5% markup on subconsultants*

# Add Service - Structural

LPCC - Horticulture

Project: **D7701**

Date: **3/28/2022**

## Structural Fee

CCD or RFI	Drafter	Claire/Brandon	Gon	Casey Lubawy(SEOR)	Total	Comments
<b>Billing Rate</b>	<b>\$115</b>	<b>\$170</b>	<b>\$180</b>	<b>\$205</b>		
CCD-002 Batch Plant Inspection			2.00		\$360	CA Coord
CCD-003 Stake	1.00		2.00		\$475	CA Coord
CCD-006 ASC Deck		5.00	2.00	1.00	\$1,415	
RFI 58 & 58.1			3.00		\$540	Design Coord
Track Attachment to Non Shear Wall Curbs					\$0	
CCD-008 Awning Canopy Post	2.00	7.25	4.00	1.00	\$2,388	
CCD 009 Anchor Bolts (RFI 43 & 43.1 field fix)	1.00	1.50	3.50	1.00	\$1,205	
CCD-010 Titen Bolts (fixed fix at conc. curb)	1.25		1.50	0.50	\$516	
CCD 012/ASI 14 (lower CMU & revised DSA 103)	0.00	0.00	1.00	0.50	\$283	IOR/CA Coord
		1.00	2.00	1.00	\$735	
			4.00		\$720	
			1.00		\$180	
			3.00		\$540	
RFI 113 & 113.1 - plate washers @ sill bolts cannot meet Detail 7/S702			3.00		\$540	
					\$0	
					\$0	
					\$0	
	0.00	0.00	0.00	0.00	\$0	
RFI 92		1.00			\$170	Design Coord
RFI 92.2 controller box support		2.00	6.50		\$1,510	Design Coord
CCD 013 Punched Holes/opening penetrations		3.00	3.00	1.00	\$1,255	Rejected
Washers-coordinated with IOR & DSA Field Engineer (Phone calls/meeting)		0.00	2.00		\$360	
Site Visit for washer issue			3.00		\$540	
			1.00		\$180	
			2.00		\$360	
Non-compliance Shadehouse steel material			2.00		\$360	
RFI 139 Backing Clarification @ Restrooms			1.00		\$180	CA Coord
Coordination			3.00		\$540	CA Coord
					\$0	
					<b>\$15,351.25</b>	

 Structural services not included in ASR

 Extra structural services included in ASR5