



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 6  
User Requested Adds/Changes to Design  
ACM Project No. C9508

Dear Ann,

Please accept this proposal for additional services to prepare construction documents to address user requested added scope and change in design at the Shade house and Greenhouse as described below.

## **1.0 Scope of Work**

- 1.1 Landscape and irrigation design revisions in Greenhouse with new stand-alone 6-station irrigation controller to be served by domestic water.
- 1.2 Landscape and irrigation design revisions in Shade house for new irrigation system to be served by irrigation control panel A at west side of Bldg. A.
- 1.3 Replace (2) quick couplers with hose bibbs in Shade house.
- 1.4 Plumbing design revisions to replace two hose bibbs each on north and south walls of Greenhouse with irrigation valves.
- 1.5 Electrical design revisions to provide power and low voltage data service for new irrigation systems in Shade house and Greenhouse.
- 1.6 Project management and coordination to prepare ASI for contractor pricing.
- 1.7 Construction administration services to review relevant submittals and respond to any RFI's.

## **2.0 Fees**

In accordance with our Agreement, ACM requests an adjustment of \$13,057 to our contract as summarized herein. See attached subconsultant proposals for specific tasks and deliverables.

Discipline	Hours	Rate	Amount	Total
<b>Architectural</b>				<b>\$2,940</b>
Project Administrator	4	\$75	\$300	
Project Coordinator	4	\$180	\$720	
Principal / PM	8	\$240	\$1,920	
<b>Landscape / Irrigation</b>				<b>\$4,064 *</b>
Landscape Designer	8	\$125	\$1,000	
Irrigation Designer	20	\$125	\$2,500	
Principal	2	\$185	\$370	
<b>Plumbing</b>				<b>\$1,271 *</b>
Mechanical Designer	2	\$150	\$300	
Mech Engineer	4	\$180	\$720	
Principal Engineer	1	\$190	\$190	
<b>Electrical / AV</b>				<b>\$4,783 *</b>
Drafting	15	\$95	\$1,425	
Project Engineer	16	\$130	\$2,080	
Principal	7	\$150	\$1,050	
<b>Additional Services Fee:</b>				<b>\$13,057</b>

*\*includes ATI 5% markup on subconsultants*

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: Subconsultant Proposals (3)

- Keller Mitchell
- Costa Engineers
- Metro Power Engineers



March 25, 2022

Anna Win, AIA  
Studio Principal  
AC Martin, Inc.  
4305 Hacienda Drive, Suite 250  
Pleasanton, CA 94588  
anna.win@acmartin.com



**Subject: Landscape Architectural Services  
For the Las Positas College Horticultural Facility  
Additional Services #4 – Greenhouse & Shade House Added Scope**

Dear Anna,

We are pleased to submit the following add service request fee for professional services due to user group needs for irrigation at the shade house and greenhouse. We are basing this fee on the email from you dated March 23, 2022. The gist of the email outlined the scope as the following:

- *SH irrigation will be controlled by irrigation controller A (located in pedestal at west side of Bldg. A).*
- *The locations of the shade house quick couplers per RFI 138 response will remain (outside of the concrete pad). Swap two of the quick couplers for post mounted hose bibbs (diagonally across).*
- *Provide greenhouse irrigation specifications, details and associated CA.*

**SERVICES:**

We will update our current approved drawings to reflect these changes. Affected drawings include:

<i>Drawings:</i>	
L801A	Irrigation Plan – Program Areas
L801B	Irrigation Plan – Campus Areas
L802	Irrigation Calcs, Notes, and Legend
L903	Irrigation Details

*Specifications:*  
328100 Irrigation

**COMPENSATION:** For the above professional services, the Landscape Architect shall be paid on a Lump Sum basis of **\$3,370 at an hourly rate per below**. Payment shall be made on monthly invoices based upon the percentage of work on the project completed during the month.

Sallie Holt	8 hours @ \$125 =	\$1,000
Irrigation Consultant	20 hours @ \$125 =	\$2,500
Amy Cupples	2 hour @ \$185 =	\$370
<b>Subtotal</b>		<b>\$3,870</b>

**LIST OF CONSULTANTS:** the Landscape Architect will retain and pay for the following consultant as part of this proposal. Their qualifications will be submitted for Owner to review if desired prior to retention.

Marty Dickson, Irrigation Consultant

If this additional service meets with your approval, please sign and return an executed copy for our files.

Sincerely,

**Keller Mitchell & Co**

**Accepted by:**



Amy Cupples, ASLA  
Principal

\_\_\_\_\_  
Anna Win, AIA  
AC Martin, Inc.

\_\_\_\_\_  
Date



# COSTA ENGINEERS INC.

3274 Villa Lane, Napa, CA 94558-3085 ph: 707-252-9177 fax: 707-252-6473

## Supplemental Agreement for Professional Services

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**To:** AC Martin  
4305 Hacienda Drive Suite 500  
Pleasanton, CA 94558

**Attention:** Anna Win

**Date:** 3.24.2022

**Project Name:** Las Positas Horticulture

**Project Location:** Livermore, CA

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**Project Description:** Per Original Contract.

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### Scope of Supplemental Services:

Provide ASI with revised Greenhouse Plumbing Plan PB120 showing locations of added landscaping valve and controllers only.

Revisions to the scope of the project as defined above and field revisions to our design are not included in our fee. All requests for additional or extra work or services must be in writing and additional fees will be negotiated.

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### Special Conditions:

All irrigation device details, specifications, construction administration and submittal review are excluded. Coordination with Landscaping consultant and Architect to provide locations on greenhouse plumbing plans is included.

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**Fee:** One thousand, two hundred ten dollars (\$1,210).

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Offered By: COSTA ENGINEERS, INC.

Accepted By:

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Chris Del Core, P.E. / Principal  
CA License No. M31600

\_\_\_\_\_  
Name & Title

Costa Engineers tasks and hourly breakdown by labor type is summarized below:

### Hourly Work Estimate

Job Name: LPC Horticulture  
 Date: 3.25.22  
 By: \_\_\_\_\_

Activity Description	Principal Engineer	Sr. Mech. Eng/Assoc.	Mechanical Engineer	Mechanical Designer	CAD Drafter	Specs Writer	Clerical	
<b>Construction Documents</b>								
drawing updates				1.5				
cd design								
calculations/coordination			3.0					
schedules								
drafting/modeling/plotting								
design check		1.0	1.0					
design meetings								
site inspections								
specifications								
agency submittal								
plotting				0.5				
miscellaneous								
<b>Totals</b>	0.0	1.0	4.0	2.0	0.0	0.0	0.0	7.0
Hourly Rate, \$/Hr	225.00	190.00	180.00	150.00	140.00	155.00	105.0	
<b>SUB-TOTAL</b>	\$ -	\$ 190.00	\$ 720.00	\$ 300.00	\$ -	\$ -	\$ -	\$ 1,210.00



**METRO POWER ENGINEERS, INC.**

*Consulting Electrical Engineers  
3150 Hilltop Mall Road, Suite 22  
Richmond, California 94806  
Telephone: 510.275.3000*

March 29, 2022

Anna Win, AIA/Principal  
**AC Martin, Inc.**  
4305 Hacienda Drive, Ste 500  
Pleasanton, CA 94588

Reference: **Las Positas College Horticulture Facility Project  
(Greenhouse & Shadehouse\_Added Scope)**  
3000 Campus Hill Drive, Livermore, CA 94551

Dear Anna:

As requested, the following is the extra electrical fee services based on the recent information for the Greenhouse and Shadehouse changes.

SCOPE OF ENGINEERING SERVICES

- a. Preparation of contract documents (drawings and outline specifications) but not limited to service calculations, equipment sizing and distribution, schematic riser diagrams, equipment layout through Construction Design Documents, incorporating Owner’s criteria.
  - b. Construction Administration related to new scope of work.
1. Electrical:
- a. Provide design modification to both buildings for Power and Signal plans.
  - b. Coordination with other trades.
  - c. Load Calculations
  - d. Development of new device plan sheets as necessary

Project Related Requirements

CAD generated backgrounds including sheet borders, floor plans, and site plans, and enlarged areas will be provided by the Architect.

These adjustments will be integrated to the original design scope and the contractor shall be responsible for providing updated project record/as-built drawings in current version of AutoCAD format.

Extra Services:

*Metro Power Engineers, Inc., proposes to perform the services outlined above for an added Fee amount of \$4,555.00. Amount will not be exceeded without your prior written authorization.*

Fee Breakdown as follows:

Power and Communication Plans =	16.0 MH Design @ \$130 / hr	= \$2,080.00
Drafting -----	15.0 MH @ \$95 / hr	= \$1,425.00
Coordination -----	4.0 MH @ \$150/ hr	= \$ 600.00
CA -----	3.0 MH @ \$150/ hr	= \$ 450.00

MPE, Inc.  
Tel: 510.275.3000  
[www.metropowerengineers.com](http://www.metropowerengineers.com)  
3150 Hilltop Mall Road, Suite 22  
Richmond, CA 94806

DELIVERABLES

All drawings will be assembled using AutoCAD 2D software. Digital drawings and specifications in PDF format will be provided.

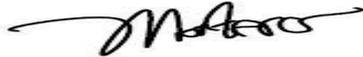
- E101 - Site Plan
- EB121 - Greenhouse Power & Signal Plan
- EC121 - Shade House Power & Signal Plan
- E400 - Single Line Diagram
- TA101 - Telecom Site Plan
- New TC121 & TD121 drawing sheets to depict low voltage devices

Services requested outside the scope outlined in this proposal will be considered extra services and under time and material basis with the following rates:

<i>Principal:</i>	<i>\$150/Hour</i>
<i>Project Engineer:</i>	<i>\$130/Hour</i>
<i>Designer:</i>	<i>\$110/Hour</i>
<i>Drafter:</i>	<i>\$95/Hour</i>
<i>Secretarial/Admin</i>	<i>\$85/Hour</i>

Sincerely,

METRO POWER ENGINEERS, Inc.



Tony Q. Mortera, P.E.  
Principal/ Electrical Engineer  
E16739

Please provide your signature at the space indicated and return a copy for our records.

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Approved by:

Owner /Authorized Representative

MPE, Inc.  
Tel: 510.275.3000  
[www.metropowerengineers.com](http://www.metropowerengineers.com)  
3150 Hilltop Mall Road, Suite 22  
Richmond, CA 94806