



**CONSOLIDATED ENGINEERING  
LABORATORIES**

January 16, 2019

Ms. Ann Kroll  
Project Planner, Manager  
Facilities Bond Program  
Chabot College  
25555 Hesperian Boulevard  
Hayward, CA 94545

Via E-Mail: [eric.barger@vanir.com](mailto:eric.barger@vanir.com)

**Subject:** *Chabot College Biological Sciences B2100 Building Annex  
25555 Hesperian Drive, Hayward, CA 94545  
CEL #10-34273PW  
Additional Services Request*

Dear Ms. Kroll:

Consolidated Engineering Laboratories (CEL) has approached our initial budget estimate for materials testing and construction inspection services for the Chabot College Biological Sciences B2100 Building Annex and an Additional Services request has been deemed necessary. A combination of additional services and unforeseen circumstances contributed to this request.

<b>In summary:</b>			
Budget Remaining			\$ (12,871.07)
Additional Services			\$ 25,866.96
Estimate to Complete			\$ 44,969.57
Contingency for unforeseen conditions, schedule and OT - 15%			\$ 8,694.82
<b>Total Additional Services Request</b>			<b>\$ 66,660.28</b>

Please increase our authorized budget accordingly.

Additional, backup information follows.

Thank you for giving CEL the opportunity to be a part of your project team. We are committed to giving our clients the best service for their testing and inspection needs, and are eager to prove this commitment to you. Should you have any questions or require additional information, please do not hesitate to contact me.

Respectfully submitted,  
**CONSOLIDATED ENGINEERING LABORATORIES**

Bill Cale  
Senior Project Manager



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DESCRIPTION	QUANTITY	RATE	TOTAL
Budget Estimate Proposal			\$ 119,042.70
Billed through December 14 2018			\$ 105,260.93
Allocated through January 4, 2019			\$ 910.70
Balance			\$ 12,871.07
<b>ADDITIONAL SERVICES</b>			
Soils analytical Testing	1.00	\$ 6,200.00	\$ 6,200.00
Glu-lams + CLTs (original estimate \$7,612.00)	1.00		\$ 10,115.20
Alamillo Shop: Beams and T-heads	60.00	\$ 83.20	\$ 4,992.00
Field Welding (Hydronic Piping)	40.00	\$ 83.20	\$ 3,328.00
Project Engineering and Management	1.00	5%	\$ 1,231.76
<b>TOTAL</b>			<b>\$ 25,866.96</b>
<b>ESTIMATE TO COMPLETE</b>			
Soils Compaction Testing (pavers)	48.00	\$ 93.60	\$ 4,492.80
Concrete Placement (as directed by IOR) at 2nd floor shear walls & columns, roof & stairs	64.00	\$ 83.20	\$ 5,324.80
Sample Tag Rebar	40.00	\$ 69.68	\$ 2,787.20
Rebar Tensile & Bend Tests	18.00	\$ 69.68	\$ 1,254.24
Batch Plant (periodic)	40.00	\$ 69.68	\$ 2,787.20
Concrete Sampling (10 pours)	60.00	\$ 69.68	\$ 4,180.80
Concrete Compression Tests	75.00	\$ 31.20	\$ 2,340.00
Sample Pickups	15.00	\$ 20.80	\$ 312.00
Field Welding Inspections (trellis & drift clip)	64.00	\$ 83.20	\$ 5,324.80
High Strength Bolt Assemblies	40.00	\$ 228.80	\$ 9,152.00
Anchor Bolts	16.00	\$ 200.00	\$ 3,200.00
Post-installed Anchors (storefronts)	24.00	\$ 69.68	\$ 1,672.32
Project Engineering and Management	1.00	5%	\$ 2,141.41
<b>TOTAL</b>			<b>\$ 44,969.57</b>