CONSOLIDATED ENGINEERING
LABORATORIES

PROPOSAL FOR DSA APPROVED TESTING & INSPECTION LAB FOR

AGRICULTURE SCIENCES, VITICULTURE FACILITY AT LAS POSITAS COLLEGE

June 28, 2022
Revised July 29, 2022
Bid B21/22-17

SUBMITTED BY:

CONSOLIDATED ENGINEERING LABORATORIES
William K. Cale, Jr. | Senior Project Manager
925.314.7153
bcale@ce-labs.com

SUBMITTED TO:

CHABOT-LAS POSITAS COMMUNITY COLLEGE
Marie Hampton | Purchasing Manager
7600 Dublin Boulevard, 3rd Floor
Dublin, CA 94568

CONSOLIDATED ENGINEERING
LABORATORIES

June 28, 2022
Revised July 29, 2022

MS. MARIE HAMPTON | PURCHASING MANAGER
CHABOT-LAS POSITAS COMMUNITY COLLEGE
7600 DUBLIN BOULEVARD, 3RD FLOOR
DUBLIN, CALIFORNIA 94568

SUBJECT: **DSA Approved Testing and Inspection Lab**
Agriculture Sciences, Viticulture Facility at Las Positas College
CEL Proposal No. 10-63174PW

Dear Ms. Hampton:

Consolidated Engineering Laboratories (CEL) is enthusiastic to respond to your request for proposal for material testing and special inspection services for the Las Positas College Agriculture Sciences, Viticulture Facility project in Livermore, California. CEL would be proud to be part of your team, helping to ensure the construction quality and success of this project.

With approximately **25% of our work being performed on DSA K-12 projects,** we are experts at understanding the requirements of both DSA and CGS. We also understand that the District relies on consultants to provide cost effective and creative solutions to extend your facilities and learning dollars. CEL personnel are experts at providing special inspection and material testing services for similarly small and large school districts within Northern California including:

- Hayward Unified School District
- Fremont Unified School District
- Fremont Union High School District
- Mt. Diablo Unified School District
- San Francisco Unified School District
- Pittsburg Unified School District
- Oakland Unified School District
- San Juan Unified School District

Mr. William K. Cale, Jr. will serve as proposed Senior Project Manager for the project. He will be your **main point of contact** regarding contract negotiations. He can be reached at bcale@ce-labs.com and at 925.314.7153. He will serve as your day-to-day contact during the duration of the proposed project. Mr. Cale has over 20 years of experience in the construction and testing industry and has managed numerous K-12 projects throughout Northern California. His enthusiasm, good judgment and dependability have made him and the projects he has been involved in very successful. In addition, Mr. Charlie Brice, President, cbrice@ce-labs.com, and Mr. Robert Morse, Senior Vice President, rmorse@ce-labs.com, are available for contract negotiations and evaluations. Mr. Greg LeRoy, P.E., will act as the Reviewing Engineer and Mr. Clifford Lowe is CEL's Field Supervisor.

Finally, we offer our full commitment to ensure the success of this project. CEL will personally oversee and manage every component of this work to assure that we are a valued team member at all stages of construction. We would like to be part of the construction solution and help this project be built and finished on time and on budget. Should you have any questions or require additional information, please do not hesitate to contact me, William K. Cale at 925.314.7153 or at bcale@ce-labs.com.

Respectfully Submitted,
CONSOLIDATED ENGINEERING LABORATORIES

William K. Cale, Jr.
Senior Project Manager

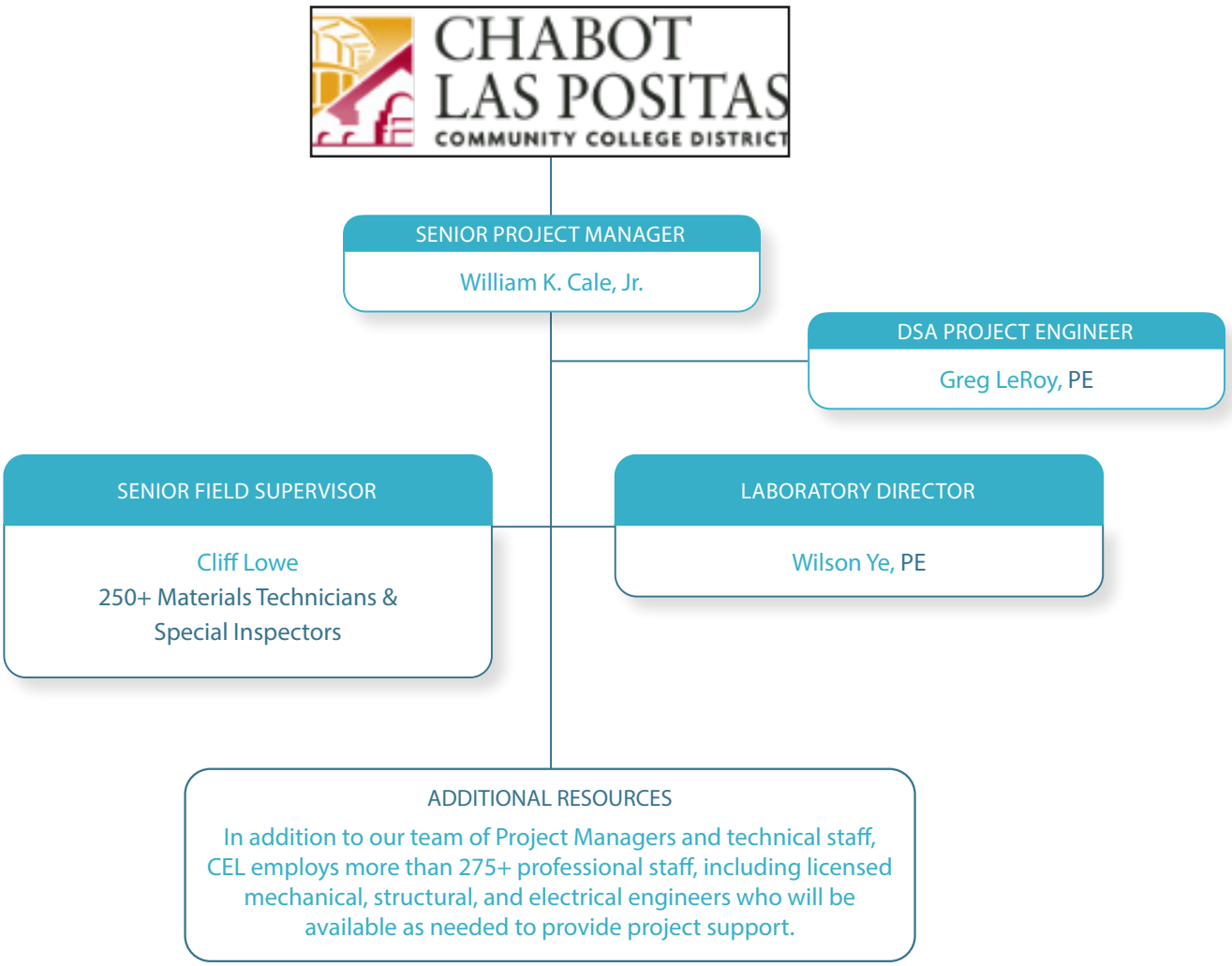
Rob Morse
Senior Vice President

Charlie Brice
President

WKC/RWM/CB/clr

2 | PROJECT TEAM & AVAILABILITY OF RESOURCES

Our organizational structure enables CEL to rapidly share specialized knowledge, technology, and resources. Our team of professionals is both flexible and responsible, ensuring impeccable client-firm communication. **Mr. William K. Cale, Jr. will interface with the District and will be your main point of contact.**



Project Team

Consolidated Engineering Laboratories (CEL) has assembled a highly experienced team of engineers, materials technicians and special inspectors to meet the needs of the Las Positas Viticulture Facility. We have included **resumes of key personnel in our Appendix**.

William K. Cale, Jr.

Senior Project Manager

CEL has designated Mr. William K. Cale, Jr. to act as the primary Project Manager on your project. He will act as your **main point of contact** and will work directly with the project team over the course of the project. Mr. Cale brings over 20 years of experience in the construction industry including more than 10 in the special inspection and materials testing field to the CEL team. He is past Vice President, Board Member and Secretary/Treasurer for the California Council of Testing and Inspection Agencies (CCTIA).

Greg LeRoy, PE

DSA Project Engineer

Mr. Greg Leroy has more than 25 years of experience in the construction industry. His main responsibility at CEL is to supervise the field staff and laboratory activities. He coordinates and manages the quality of CEL's testing and inspection requirements with project architects, engineers, construction managers and contractors. He reviews and maintains records of concrete mix designs, and other submittals for conformance with project requirements. He also reviews daily field inspection reports and issues final certification letters on projects inspected by CEL. Mr. LeRoy is experienced in all aspects of field and laboratory testing of soils asphalt, and concrete materials. With his experience coupled with his strong work ethic, Mr. LeRoy would be a valued asset as a Resident Engineer/Quality Control Manager on any projects.

Wilson Ye, PE

Laboratory Manager

Mr. Wilson Ye joined Consolidated Engineering Laboratories in 2012 and brings his knowledge and professional experience to any project he is a part of. He is an accomplished, self-motivated and analytical problem solver with a very strong work ethic and a readiness to lend himself to a team environment to provide quality assurance and quality control inspections and testing.

Cliff Lowe

Senior Field Supervisor

Mr. Cliff Lowe brings over 36 years of construction industry experience to CEL. He has developed strong skills as a multi-disciplined inspector enhancing his strong communication skills and his ability to problem solve. Mr. Lowe currently serves CEL as Field Supervisor, providing supervision, direction, and assistance to over 200 inspectors. He also serves on the Board for the Joint Apprenticeship Committee of Northern California, and he serves on the Curriculum Committee for the Mission Hiring Hall. For this contract, Mr. Lowe will oversee all field technicians and special inspectors at the project sites.

SPECIAL INSPECTORS / MATERIALS TECHNICIANS

CEL has nearly 250 special inspector/technician staff, allowing us to provide the depth of resources to handle a project of this scope and magnitude. Our inspectors pride themselves in working with a team to accomplish the same goal, a project constructed on time, on budget and per the projects documents and governing building codes.

Our team has the breadth and depth of material testing and special inspection services to meet the needs of the District.

Professional Credentials & Licenses

CEL employs a team of highly experienced and educated professionals that are licensed to meet any and all of the District's needs. Below is a quick overview of the professional certifications and licenses our project team holds, followed by our Inspection Staff & Certification Matrix for our San Ramon office.

Greg LeRoy	Civil Engineer, CA #73002 ACI, Grade 1; ICC Structural Steel & Welding; ICC Reinforced Concrete; ICC Prestressed Concrete; USACOE Construction Quality Management for Contractors
Cliff Lowe	ACI, Grade I; DSA Masonry #5419; ICC Reinforced Concrete; ICC Structural Masonry; ICC Structural Steel & Welding; ICC Structural Welding; ICC Structural Steel & Bolting; Liquid Boot; OSHA 002591476; Radiation Safety and Use of Nuclear Gauge; Mobile Equipment Operation 888-237T
Wilson Ye	Civil Engineer, CA C84770 ACI, Grade 1; ACI Concrete Strength Testing #01196597

INSPECTION STAFF AND CERTIFICATION MATRIX-SAN RAMON

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RB = ICC Residential Building
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GW = Grace Water Proofing
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Tyfo = Tyfo Fiber Wrap

Last Name	First Name	ACI	ACM	AAI	RC	PC	SM	FP	FI	FII	FST	B	BP	CB	RB	S	E	EC	ER	M	P	AWS	SSW	SSB	UT	MT	PT	D1.8	CT	NG	Refr	DM	DS	Nace I	Nace II	GW	ROOFING	IFC	FRP	IOP #	FS2	TWIC	FirstAID	Confined
Abdissa	Ephrem	3/26/24		10/26/24	4/9/25	4/28/25	3/8/25	6/6/25						8/21/25		3/7/25								8/2/24	9/22/25																				
Abramowitz	Steven																					9/22																							
Ahmed	Badar	10/26/24																												✔															
Alimbo	Christian																					9/23			2/1/23	4/15/23																			
Alvarado	Elizabeth	9/14/24		11/9/24	1/19/24 A		6/6/23	9/9/22															4/4/25	1/20/24											11/13/24									
Alvarenga	Fernando	2/23/24																																5/30/25	5/30/25			✓						
Alvarez	David	1/14/27			3/21/24	3/21/24	3/21/27	3/21/27						3/21/27								10/23	3/21/27	3/21/24	4/1/24																				
Alvernaz	Mario	EXP																												✔	12/21														
Andrade	Keith																					2/24	1/29/24		01/15/24	01/15/24																			
Andrews	Ashley	9/14/24		11/9/24	1/4/24	1/4/25	6/9/23	9/9/22															4/4/25	1/10/25																				
Anger III	Charles	9/14/24			1/11/23		1/11/23	1/11/23															1/11/23	1/11/23																				
Aref	Hasibullah	9/30/22			5/22/25	5/22/25	5/22/25																																					
Berretta	Phillip																					2/25																							
Bottari	Robert	3/15/26		2/9/24	11/2/24	2/10/24	7/29/23		7/29/23	6/17/23				2/6/25	11/2/24																														
Bradford	John	4/14/23		6/26/23	5/11/27		5/11/27	5/11/27						6/27/2024							7/13/2024		5/11/27	5/11/27																			11/22	✔
Brady	James	3/15/26		10/14/22	7/5/25	7/5/25	7/5/25	7/5/25			10/2/24			7/5/25		7/5/25																											10/13/21		
Breaux	Erica	12/26/23		2/23/24	2/24/25 A		8/9/23	2/22/25						1/14/24															12/26/23						11/13/23							5/22	
Brooks	Brendan	12/10/26			5/12/25	5/12/25	5/12/25	5/12/25															5/12/25	5/12/25								✓											
Brown	Ronald	1/20/23			6/4/24	6/4/24	6/4/24	6/4/24														9/23	6/4/24	6/4/24							8/19/22												
Brown	Simon																						11/19/24	11/19/24	2/1/24	2/1/24	2/24																
Buenaventura	Daniel	1/20/23			3/7/25	3/7/25																		3/7/25																			
Carrico	Chris	3/9/24			7/22/25	7/22/25	7/22/25							7/22/25		7/22/25														✔	11/19												
Cayton	Givilan	7/17/25			12/18/24	12/18/24	12/18/24	12/18/24						12/18/24									12/18/24	12/18/24																				
Cecena	Victor																					12/23		8/2/24																				
Chamberlain	Paul	8/27/26						7/26/25				7/26/25								1/15/24	1/15/24															4/13/27								
Chien	Kevin	10/13/23																											✔														
Chin	David	7/31/25			4/3/23	4/4/23	5/21/25	5/21/25						5/21/25									5/21/25	5/21/25																6/8/23			5/22	
Clark	Herbert	8/28/25			1/30/25 A	1/30/25		1/30/25														4/25	1/30/25	1/30/25																			
Clauser	Roman	6/8/24		11/9/24	2/2/24 A		3/7/25	9/12/22																						✔													
Clay	Connor	10/1/26			11/17/23	1/14/24	4/28/24	10/16/23			9/29/2024												9/16/2024	6/29/24						5/14/24													
Coleman	Ronesha																																										
Comendant	Cristina	6/8/24		11/9/24	11/10/24 A		4/20/24	9/25/22																																6/8/23			5/22	
Corneal	Craig	6/9/23		6/26/23	1/13/27	1/13/27	1/13/27	1/13/27						1/13/27						8/8/2024	8/1/2024	7/23	1/13/27	1/13/27																				
Corneal	Kaycee	1/14/27																																									
Cornea	Luis	10/17/25			7/15/24 A		2/16/25	1/28/24																						✔													
Cottingham	Paul	8/24/24			10/29/25	10/29/25	10/29/25	10/29/25															10/29/25	10/29/25																				
Craig	Keith	9/29/24		12/14/23																										✔	11/19												
Crews	Dillon	2/23/24		6/29/24	4/3/27 A			4/3/27															4/3/27	4/3/27						2/23/24												5/22	
Crittenden	Jeffrey	11/11/22																												11/11/22	✔	12/19											
Cruz	Brian	3/10/23			1/27/27	1/27/27	1/27/27	1/27/27						1/27/27									1/27/27	1/27/27									11/1/23											
Cummings	Clinton	9/17/26			5/26/25	5/26/25	9/8/23	6/23/24															5/26/25	11/7/24									10/1/23											
Delgadillo	Monique	9/14/24			2/11/2024 A			10/4/22																					✔		✔								6/29/23					
Densmore	Michael																					10/23																						
Dorozhko	Nikolay																					4/25		2/16/24	12/31/24	12/31/24		✔																
Douglass	Michael																													✔	11/19												
Dunne	Robert																					1/25																						
Edwards	Paris	7/28/23			6/3/25	9/16/22	11/19/24																12/3/24	2/3/23																				
Eschliman	Kevin	4/9/26			5/30/24	11/12/24	5/30/24	5/30/24															5/30/24	11/12/24																				
Espinoza	Angel	3/15/26		10/14/22	10/4/24 A		7/24/23	3/11/23						2/27/23									5/21/25	3/27/23		5/1/22																		
Fisher	Segu (Joe)	2/21/24			4/6/26	4/6/26	4/6/26	4/6/26						4/6/26									4/6/26	4/6/26																				
Frazier	Jay																																										
Garay	Jayda	9/18/25		10/20/26	3/17/25 A			2/2/24																12/23/24																				
Garay	Jose																					7/24		10/15/22																				
Garay	Sarah	2/12/26		10/20/26	5/3/25 A			2/2/24																						✔													
Garcia	Eric R	6/9/23			5/14/23	5/14/23	9/5/22	6/23/24						1/6/25									4/19/24	1/15/24																				
Garcia	Eric A	4/29/24		2/23/24	9/1/24 A		8/10/23	5/11/25																																				
Garrett	Christopher	1/4/27		2/10/23	9/4/24	9/4/24	9/4/24	9/4/24																9/4/24																				
Gatts	Forest	4/9/26						9/8/23														4/24	9/8/23	9/8/23																				
Gonzalez-Huerta	Gabriel	11/10/23			9/1/23	9/1/23																																						
Gonzalez-Torres	Alfredo																					8/23		9/9/22																				
Groves	Brazon	8/28/25			6/1/25	6/1/25	6/1/25	6/1/25						6/1/25									6/1/25	6/1/25																				
Gurrusquieta	Edgar			6/9/27																																								
Hafeli	Kenneth	5/21/26			1/7/23	1/7/23	1/7/23																1/7/23	1/7/23																				
Han	Yao	10/23																																										
Hanson	Kevin																					4/24			2/1/2024	2/1/2024		8/21																
Hardeman	James																																										
Harrington	Wayne	5/22/25			1/7/23																	1/25	1/7/23	1/7/23																				
Harris	Angela	7/30/26						11/27/24																																				
Harris	Richard											2/1/25																																
Hashiba	Luke	1/26/24		2/23/24	1/13/24	1/13/24	11/13/22	2/2/25			8/15/2024			7/3/24									4/25/25	10/30/23						1/26/24												4/20/24		
Haynes	Matthew																						6/19/25	6/19/25		3/1/2024																		
Healy	Aaron																																										
Healy	Michael											5/10/25					5/10/25						5/10/25	5/10/25	2/1/2024	2/1/2024		✔												101222				
Heckman	Michael																					5/25		8/29/22	4/1/24	5/1/23																		
Heilmann	Mark				EXP			9/1/23														12/23	9/1/23	9/1/23																				
Herbest	Angela																					10/24			4/1/24																			
Hernandez	Ernesto	5/1/24		7/17/25	10/16/24 A		10/2/24	7/1/23																																				
Hope	Paul																					8/22																						
Hornyak	John	1/25/25			9/1/23	9/1/23	9/1/23	9/1/23															5/25	9/1/23	9/1/23	10/23	10/23																		
Hu	Zhixiong (Hugo)	8/6/26			2/6/23	2/6/23	2/6/23	2/6/23						2/6/23									2/6/23	2/6/23									1/1/23	5/1/24									
Huston	William	7/17/25			12/27/22	12/27/22	12/27/22	12/27/22															12/27/22	12/27/22																				
Hyslop	John	3/15/26			5/17/27	5/17/27		5/17/27															5/17/27	5/17/27	EXP	1/5/22		4/21																
Jansen	Andrew	2/18/27																																										
Jinkins	Andrew	10/23/25			9/1/2024 A			1/31/2024																																				
Khrestsov	Vladimir	6/10/22			10/7/24	10/7/24		9/22/23														3/23	8/26/22	2/19/25	4/1/24																			
Kim	Jason (Yongcheol)	6/1/25			1/12/25	1/12/25	1/12/25	1/12/25								1/12/25						9/24	1/12/25	1/12/25						✔	11/19		3/1/24										

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Kolteer	Richard	5/22/25																												✔	11/19														
Kroon	Edward																					3/25		9/11/24	5/24	5/24	5/24	✔																	
Lacoste	Michael	8/10/24			3/29/23	11/4/22		1/11/23																																					
Langworthy	Paul																					12/24												9/30/24	10/17/24										
Lau	Francis																																												
Ledesma	Richard	1/27/23			3/10/25	3/10/25	3/10/25	3/10/25																3/10/25	3/10/25																				
Lee	Kwangkyun	9/14/24		11/9/24	6/9/24 A		4/10/24	9/9/22																	1/21/25																				
Lei	Zhong	10/23/25		9/17/26	10/15/24 A			2/6/24																						✔															
Lingad Jr.	Reynaldo	8/6/26						9/2/24																																					
Lowe	Clifford	6/18/26			1/28/25		1/28/25																	1/28/25	1/28/25					✔	11/19	EXP												
Lowman	Lex	9/11/24			10/10/23	10/10/23																5/23			10/10/23																				
MacLeod	Marc																					7/25			10/4/22	2/1/23	2/1/23																	
Madriaga	Carl																					6/25				2/1/23	5/1/23																	
Marlik	William	EXP					9/26/22																	9/26/22	9/26/22																				
Martin	Gerald	6/8/24			3/2/24	10/27/24		3/18/25								1/26/25									12/22/24	11/11/23					✔	11/19												
Martinez	Samuel	7/13/24			2/7/24	9/1/23	3/25/25	2/7/24						2/25/25		7/16/23									8/22/23	1/14/23																		5/22		
McLaughlin	Lori	3/15/26			6/15/25	6/15/25	6/15/25																		6/15/25	6/15/25																			
McMahan	Aloysius. L	1/26/24																												2/24/23	✔	11/19											11/22	✔
McVay	Mark																					4/24				3/20/22	2/1/24	1/26/22	✔																
Melvin	Ted	9/17/26		10/26/26				9/1/24																	6/12/25																			
Mendoza	Leonardo	9/14/24		11/9/24	3/8/25 A		6/29/23	9/24/22																4/5/24	1/13/24																		11/22	✔	
Montalvo	William	11/10/23		7/21/23	4/23/25	4/23/25	4/23/25	4/23/25						4/23/25										4/23/25	4/23/25																				
Moreno	Reynold																					7/23																						
Nand	Calvin	2/22/24		2/10/23	11/8/23	12/28/23	9/7/22	6/24/24						8/9/24		12/15/24								12/9/22	12/12/24																				
Ng	Joseph	11/9/24			4/1/26	4/1/26	6/1/23	4/1/26						5/1/23										4/1/26	4/1/26																				
Nguyen	Tinh	2/18/27			8/23/28	8/23/28	8/23/28	8/23/28						8/23/28										8/23/28	8/23/28																				
Nicolicchia	Nathaniel	1/26/24		2/23/24	7/1/23 A		4/15/24	2/16/25						12/14/24																1/26/24															
Noori	Kazem	5/6/27			3/18/25		3/18/25																		3/18/25																			
Oatis	Johnny	6/8/24			2/19/27	7/20/24	2/19/27	2/19/27						2/19/27		2/19/27																													
Okaes	Monica-Marie	6/6/26			7/26/28	7/26/28	7/26/28	7/26/28			12/8/24			7/26/28										7/26/28	7/26/28												4/13/27								
Owens	Jason	1/31/25			5/20/25	5/20/25	5/20/25	5/20/25						5/20/25										5/20/25	5/20/25																				
Pagaduan	Jose	6/8/24			7/15/24	7/15/24	7/15/24	7/15/24						7/15/24										7/15/24	7/15/24																		11/22	✔	
Palacios	Benjamin	6/8/24		6/29/24	12/1/24	12/2/24	2/13/25	6/10/22								4/1/24								3/30/27	3/30/27						✔	11/19												
Palacios	Karen	2/23/24		6/29/24	3/30/27	3/30/27	3/30/27	3/30/27																						2/23/24							11/13/24							
Pasqualone	Tom																					1/25				8/10/22	8/10/22		✔															
Perez	Norman	2/24/23			5/22/24	5/22/24	5/22/24	5/22/24						5/22/24		5/22/24								8/7/22	8/7/22								10/1/23											
Petersen	Scott	9/14/24			12/7/24			2/11/24														5/23		12/7/24	12/7/24	2/1/23	4/1/23		✔														2/14/26		
Peterson	Todd	3/26/26		10/14/22	1/22/24	8/10/24																																						
Pettus	Marissa	7/29/22			8/15/25 A		8/15/25	8/15/25																8/15/25	8/15/25																				
Pisani	Brian	10/31/25			6/14/25 A			2/15/24																																6/29/23					
Pogue	Tony																					4/23																						✔
Pruitt	Raymond	9/14/24																												2/24/23	✔	12/21											
Qureshi	Muhammad	9/17/26		10/20/26	3/17/25 A			3/4/25																					✔										6/29/23					
Revelar	Dennis	1/19/24	10/22/26		3/5/24	3/5/24	3/5/24	3/5/24						3/5/24																		10/1/23											
Reyes	Daniel	3/25/27																				9/22		1/13/25	4/1/24	5/1/23																11/13/26		✔
Rhea	Daimon																					10/22																						
Rios	Reyes																					8/24		4/25/23	8/1/23	5/1/23																6/5/24		
Romero	Noel																					6/25	6/2/25	6/2/25	2/1/24	2/1/24		✔																	
Sandoval	Juan	6/18/26		9/18/26				3/4/25																															6/8/23					
Saucedo	Raymond	3/15/26		11/18/22																										EXP						11/14/23							
Savedra	Roger	4/15/27			1/21/23	1/21/23																																						
Sedacy-Rowe	Leeberth	8/19/22		10/14/22	7/20/23	7/20/23	5/21/25	9/15/23						3/1/23										10/21/24	9/11/24					8/19/22									6/29/23					
Shoukry	Sameh						3/28/23															2/23	3/28/23	3/28/23																				
Siam	Ammar	11/10/23			6/8/26	6/8/26	6/8/26	6/8/26						6/8/26		6/8/26								6/8/26	6/8/26																		5/22		
Small	Michael	1/19/24			11/13/23	11/13/23																																						
Smith	William "Matt"	EXP									8/9/24				6/6/25						6/6/25																		1/29/22	6/29/24				
St. John	David	5/6/27		10/14/22	3/26/24	3/26/24	5/21/25	9/1/23			9/26/24			12/20/23										8/11/23	1/19/23					6/10/22										1/29/22	10/16/21				
Stuart	Avery	4/8/27						5/2/25																																				
Suarez	Oscar	10/9/25			5/27/2024 A			1/29/24																4/7/25	1/8/25																				
Sutton	Shayne	7/26			5/1/26		5/1/26	5/1/26														11/23		5/1/26	5/1/26																				
Talbert	Shannon	3/10/23			5/7/25																															11/30/24	11/30/24							
Tency	Charles	6/8/24																												✔	11/19												
Tilton	Steven																					11/22																					9/27/23		
Towannick	Robert	6/8/24			6/12/24			6/12/24																6/12/24	1/31/23	4/1/24	4/1/24	4/1/24																	
Troth	David	6/30/23		7/12/23	8/10/24		5/22/25	10/8/23								9/28/24														EXP	✔	11/19												
Trudell	Brendan	9/14/24		11/9/24	7/11/23 A	12/2/24	6/28/23	9/9/22																4/9/25	12/24/24																				
Valdivia	David	10/23/25		9/18/26	7/28/24 A		2/7/25	1/30/24																																6/8/23					
Van Dyke	John				1/19/23		1/19/23															12/22	1/19/23	1/19/23	2/1/24	2/1/24		✔																	
Vazquez	Ares	1/19/24			3/27/24	3/27/24	10/19/25	3/27/24						3/27/24		10/19/25									10/19/25	3/27/24																				
Walters	Michael	5/7/26			9/11/23	9/11/23	2/7/23	2/7/23																	9/11/23	12/14/23																				
Webb	Corey	9/14/24		11/9/24	6/23/24 A		5/27/24	9/9/22																																6/29/23					
Webb	Daniel	9/15/23		10/27/23	6/16/27 A		6/16/27	6/16/27						6/16/27											4/15/25	1/12/25					9/15/23													5/22		
Weldon	Jack																					3/24																						
Werner	Tim																					7/1/24																						
White	Randy																							9/1/23	9/1/23																				
Wiederholt	Kaal	12/3/26						9/12/24																																					
Wilder	Michael	3/15/26			11/20/24		11/20/24	11/20/24																11/20/24	11/20/24					3/15/26															
Wong	James	10/23/25		9/17/26				2/6/24																																					
Zeng	Anson	12/4/25			4/12/25	4/12/25	4/12/25	8/31/22						4/12/28										4/12/28	4/12/28																		5/22		

Firm Name & Address:	
Quality Assurance Engineering, Inc. dba Consolidated Engineering Laboratories (CEL) 2001 Crow Canyon Road, Suite 200 San Ramon, CA 94583	
Years in Business:	35
Date Established:	1985
Employee Count:	289 Full-Time Employees
Service Office:	San Ramon
K-12 $ in 2019:	$2,572,000; CEL's 6th Largest Sector
Authorized Person to Execute:	
Mr. Charlie Brice | President (925) 314-7100 | cbrice@ce-labs.com Mr. Robert W. Morse | Senior Vice President (925) 314-7100 | rmorse@ce-labs.com	
DSA/LEA:	54
DIR Registration:	1000014560

Established in 1976 and revitalized by its current owners in 1985, **Consolidated Engineering Laboratories (CEL)** has grown to be a leader in providing quality geotechnical engineering, materials testing, and construction inspection services in the western United States.

With our Corporate Headquarters in San Ramon and full-service facilities in Oakland, Windsor and Sacramento, California, our testing and inspection agency is the largest in Northern California with unequaled resources and capabilities. Our deep local personnel pool of talented individuals includes registered civil and geotechnical engineers, quality engineers, metallurgical engineers, registered environmental assessors, multi-disciplined materials testing and inspection technicians, project managers and administrative personnel.

Office and Dispatch Location

CEL will perform services from our corporate office located at 2001 Crow Canyon Road, Suite 200 in the city of San Ramon. Our DSA-Certified Laboratory is located in Oakland and we are prepared to meet the immediate needs of the District for both planned meetings and visits as well as the inevitable last minute needs.

Firm Resources

CEL's Oakland Lab is state-of-the-art. This 24,000 SF facility is certified by:

- Division of the State Architect (DSA);
- California Department of Transportation (Caltrans);
- Office of Statewide Health Planning and Development (OSHPD); and
- The US Army Corps of Engineers (USACOE).

DSA
DIVISION OF THE STATE ARCHITECT
DEPARTMENT OF GENERAL SERVICES

Laboratory Qualifications

Laboratory Name: Consolidated Engineering Laboratories

Address: 534 23rd Avenue **City:** Oakland

Zip: 94606 **Phone:** (510) 436-7626

Acceptance/Renewal Date:	10/16/2019	**Expiration Date:**	10/16/2023
Engineering Manager (EM):	Greg LeRoy	**NDT Level III Administrator:**	Troy McMurtrey
Email:	gleroy@ce-labs.com		
Laboratory Supervisor(s):	Kevin Chien	**Field Supervisor(s):**	Cliff Lowe

Structural Test Qualifications

- [x] Soils
- [x] Aggregates
- [x] Reinforcing Steel
- [x] Post Installed Anchors
- [x] Concrete
- [x] Shotcrete
- [x] Structural Masonry
- [x] Other A/C
- [x] Structural Steel
- [x] High Strength Bolts
- [x] Non Destructive (NDT)

Special Inspection Qualifications

- [x] Earthwork
- [x] Reinforced Concrete
- [x] Prestressed Concrete
- [x] Post Installed Anchors
- [x] Shotcrete
- [x] Structural Masonry
- [x] Structural Welding
- [ ] Other
- [x] High Strength Bolting
- [x] Spray-Applied Fireproofing
- [x] Batch Plant (Continuous)

We are also inspected and accredited by AASHTO and AMRL. Our AASHTO accreditation includes the following standards; ASTM E329, C1077, D3666 and D3740.

Should the project require it, we have the capability to quickly set up and acquire certification for an on-site mobile laboratory capable of providing materials testing services for the bulk of the anticipated project requirements, including ASTM and Caltrans test methods for soils, asphaltic concrete and Portland cement concrete.

Relevant Project Experience

CEL's 6th largest market sector is Education. We are very active in the school construction industry throughout all of California and have worked for some of the largest and smallest school districts, including K-12 and community college districts.

CEL has extensive experience with manufactured, prefabricated components. Examples include precast concrete structures fabricated in Corcoran, West Sacramento and Woodland, California and buckle-restrained braces in Utah and Idaho. Structural steel fabrication has been inspected in Sunnyside, Washington, and Houston, Texas, among other notable, remote locations. CEL has extensive experience with on-site inspections of prefabricated component buildings, assembled on-site, including open wall modules.

On the following pages, we have **included five (5) projects we feel are similar in size and scope** to this project. We have included reference information on each of these project sheets as well as the key personnel proposed who have worked on these projects.

SIMILAR PROJECT EXPERIENCE

- **Chabot College, Biological Sciences B2100 Build Annex**
- **Fremont USD, Horner Middle School Conversion**
- **Las Positas College, Academic Building 100**
- **Ohlone College, Academic Core Buildings**
- **West Valley College, Applied Arts and Sciences**

CHABOT COLLEGE: BIOLOGICAL SCIENCES B2100 BUILD ANNEX

HAYWARD, CA

OWNER REFERENCE

Chabot College

Ann Kroll | Project Planner/Manager
akroll@clpccd.org
p. (925) 424-1863

PROJECT DETAILS

Role: PRIME
Size: 19,863 SF
Start Date: 3/2018
Completion Date: 10/2019
Key Staff: William K. Cale, Jr., Sr. PM
Greg LeRoy, PE, DSA LEA Engineer
Corey T. Dare, Geotechnical Engineer
Cliff Lowe, Senior Field Supervisor
Services: Materials Testing & Inspection
Geotechnical Engineering

Consolidated Engineering Laboratories (CEL) performed materials testing and special inspection services during the construction of the new B2100 Biology Annex at the Chabot Campus.

The project consisted of the construction of a 19,863 SF, 2-story structure comprising of five (5) instructional laboratories, lab support spaces, cadaver room and a greenhouse for the Biology Department.

Scope of work included **soil testing and observation services, inspection and materials testing** of reinforced concrete, structural steel, miscellaneous structural steel, glu-lam fabrication, post-installed anchors, and CEL serving as Geotechnical Engineer of Record.

FREMONT USD: HORNER MS CONVERSION

FREMONT, CA

Consolidated Engineering Laboratories (CEL) is providing inspection and materials testing services on the John M. Horner Middle School Conversion project. CEL is also performing **geotechnical engineering and testing services serving as Geotechnical Engineer of Record** for the conversion of the existing Horner Junior High School campus, currently serving grades 7 through 8, conversion to serve grades 6 through 8.

The proposed project includes (2) increments. Increment 1 is site prep and utility install at the existing open field at the north end of the existing campus preparing for a new campus on the site. Increment 2 shall be the installation of four new buildings northern portion of the campus, currently being the locations of the existing open field. After the new campus is completed, the demo of the existing campus can occur followed by the construction of the new playfields. The project includes a hybrid design with new construction and modernization.

Scope of services include **on-site geotechnical consultations, soils sampling/ compaction testing and construction support services** as well as reinforced concrete, structural steel, post-installed anchors and non-shrink grout inspection and testing services.

OWNER REFERENCE

Fremont Unified School District

Joshua Wallace
Josh.wallace@vanir.com
p. (510) 657-2350

PROJECT DETAILS

Role: PRIME
Size: 112,500 SF
Start Date: 1/2018
Completion Date: Fall 2020
Key Staff: William K. Cale, Jr., Sr. PM
Corey T. Dare, Geotechnical Engineer
Services: Material Testing & Inspection
Geotechnical Engineering

LAS POSITAS: ACADEMIC BUILDING 100

LIVERMORE, CA

OWNER REFERENCE

Chabot-Las Positas Community College District

Fred King
fred.king@wsp.com
p. (925) 324-5764

PROJECT DETAILS

Role: PRIME
Size: 41,041 SF
Start Date: 1/2017
Completion Date: 6/2018
Key Staff: William K. Cale, Jr., Sr. PM
Greg LeRoy, PE, DSA Engineer
Services: Materials Testing & Inspection

Building 100 is a new 41,041 SF, 2-story structural steel Academic Building which includes 12 classrooms, 6 computer lab classrooms, anthropology lab classroom, and a lecture hall.

Consolidated Engineering Laboratories (CEL) participated in the project by performing the **materials testing and special inspections** required by Division of the State Architect (DSA) and the project documents. CEL covered structural steel inspections at four separate facilities in Washington and Oregon and a fifth location in Wisconsin to inspect terrazzo stair treads.

OHLONE COLLEGE: ACADEMIC CORE BLDGS.

FREMONT, CA

OWNER REFERENCE

Ohlone Community College District

Patrick Downey | Construction Manager
pdowney@gilbaneco.com
p. (510) 979-7497

PROJECT DETAILS

Role: PRIME
Size: 188,000 SF
Start Date: 08/2016
Completion Date: 12/2018
Key Staff: Project Manager no longer with CEL
Services: Materials Testing & Inspection

The Ohlone College Academic Core Buildings are part of a unique hillside project which includes the construction of three new buildings totaling 188,000 SF at the heart of Ohlone College's Fremont campus. Each of the new buildings will focus on a particular academic discipline including a new Science Center Building, Music and Visual Arts Building, and Learning Commons Building.

Consolidated Engineering Laboratories' (CEL) scope of services included concrete batch plant, concrete sampling, shop and field structural welding, non-destructive testing, fireproofing, and anchor/dowel installation inspections and testing.

WEST VALLEY COLLEGE: APPLIED ARTS & SCIENCES

SARATOGA, CA

OWNER REFERENCE

West Valley-Mission Community College District

Tina Martinez
tmartinezplamenco@gilbaneco.com
p. (408) 741-4050

PROJECT DETAILS

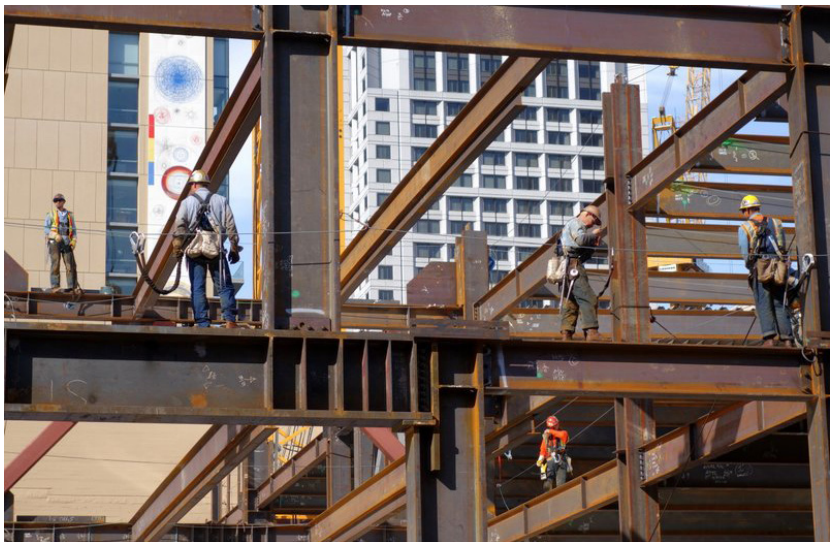
Role: PRIME
Size: 59,466 SF
Start Date: 02/2015
Completion Date: 06/2016
Key Staff: William K. Cale, Jr., Sr. PM
Services: Materials Testing & Inspection

Consolidated Engineering Laboratories (CEL) performed **special inspection and materials testing services** for the renovation of an existing single-story, 59,466 SF Applied Arts and Sciences Building at West Valley College modernizes classrooms and technology infrastructure, improves the current space efficiency, and provides a safe environment that is compliant with the current building code and ADA standards.

The original 1960's era concrete post and beam structure was the original building on campus, and was a recognizable icon of the campus origins. As such, there was a desire to maintain "good bones" of the existing structural system and work within the existing parameters to reshape the experience of the building. The renovation focused not only on the functional improvements, but transformed wayfinding. The renovation transformed the space plan to light, open and visually distinguishable educational areas, where the active class session become a living billboard to advertise the educational program.

CEL's scope of services included reinforced concrete, shotcrete, structural steel, post-installed and epoxy anchors, and intumescent fireproofing.

4 | PHILOSOPHY & APPROACH TO TESTING & INSPECTIONS



Our experience with Division of the State Architect (DSA) is extensive. Working closely with the IOR is key to ensuring all inspections and tests required are performed. If something comes up that the IOR feels should be tested and is not necessarily within our defined scope, we immediately inform the District of potential additional costs. At the time of milestones and/or completion, all inspections and tests are re-reviewed by our engineering staff to provide timely interim and Final Verified Reports.

We have years of experience with CBC 2013, Title 24 California Code of Regulations and stay on top of DSA bulletins and updates to DSA's Interpretations of Regulations. We also have the capability of providing Geotechnical Engineer of Record services, providing a full-service solution for Districts.

K-12 construction is governed by the California Building Code. Specifically, Section A in each chapter provides more stringent inspection and testing methods. For example: the sampling and testing of reinforcing steel is required or all schools and hospitals; concrete batch plant inspections are required in addition to concrete sampling and testing at the jobsite; more stringent inspector certifications are required for certain inspectors such as welding, shotcrete and masonry placement. CEL has multiple AWS/CWI Welding Inspectors, DSA-Shotcrete Inspectors and DSA-Masonry inspectors on staff. The Field Act effectively banned all unreinforced masonry construction and led to the creation of the Division of the State Architect.

Our experience with Design Build and Lease-Leaseback is precisely the same: by providing quality assurance services as defined by the DSA-approved Construction Documents in a best-value-to-our-clients manner. We assign technicians certified in their areas of expertise for consistent participation on each project. Additionally, on all major projects, a principal oversees communication, documentation, staffing and procedures. No other inspection agency offers this level of project involvement by a principal of the firm. Our team has an understanding of construction processes, code interpretation, and an overall ability to efficiently and effectively handle problems in the field. Furthermore, we utilize a field time ticket process to verify time on a daily basis.

Field Supervisors will periodically visit the site – at no additional cost to the client – to ensure our personnel have everything required for the project and that they are performing to expected standards. The supervisors will follow up with the Project Manager and the Client to ensure customer satisfaction.

CEL's engineering team in conjunction with our field staff and project managers monitors all exceptions and non-conformances generated from field inspections ensuring that items are closed out prior to issuing a final affidavit. Additionally, we have specific engineers assigned to projects governed by DSA who are experienced with the State protocols and procedures like DSA Box. Having assigned engineers ensures that our clients receive thorough, complete and quick closeout documents when requested.

Should a problem or question arise during the construction process, CEL utilizes a three-tiered system of documentation for problem resolution, as outlined below:

- **RFI (Request for Information):** A Request for Information form is used when there is a problem or discrepancy regarding the contract documents and a structural engineer's clarification is needed to resolve the situation. It can also be used when there is a disagreement as to what type of weld goes in a certain area, or when a weld is not detailed on a structural drawing, but our inspector feels it was intended that one be there. All Requests for Information will be directed to the Owner or the Owner's agent.
- **Work-in-Progress Punch List:** When a problem occurs, a punch list is created so that the contractor is aware of any outstanding items. This punch list

requires the signatures of both the inspector and the superintendent; therefore, no questions can arise as to whether or not a problem was brought to the attention of the superintendent.

- **Non-Compliance Report:** This is the final step in problem resolution, and is taken only if the contractor or subcontractor has not responded to steps 1 and 2. Used as a last resort, it is a formal notification that the work does not meet the project plans and specifications, and a resolution is required. Often, even the possibility of a non-compliance report is enough to get a problem resolved. In addition, non-compliance items are italicized in reports, and listed on the top of the first page of the report, for easy reference, and to further highlight critical matters.

CEL was awarded the Innovative Inspection Technology Award in October 2014 presented by the Western Council of Construction Consumers. With mobile infrastructure and custom mobile applications, CEL has made advances in increasing accuracy, efficiency, and productivity in the field and in the office. With the plethora of software available in our high tech age, more firms are looking for new ways to harness this technology. By developing a proprietary system, and establishing clear procedures, Consolidated Engineering Laboratories has given themselves an edge in an extremely competitive field, and developed an important innovation in our industry. Their solution enables testing, inspection, and reporting to be done more efficiently and accurately.

This represents significant improvement over old manual methods that were inefficient, labor intensive, and prone to processing errors. CEL deserves credit for not stopping at electronic forms, a tempting advancement. Replacing a paper process with an electronic version of the same process is intuitive. However, CEL broke down the essential elements and moved the information from party to party for analysis and action without the form being the fundamental building block, allowing them to work much faster with fewer steps. Testing and Inspection can be costly to clients, principally due to time versus performance. This innovative method results in fewer jobsite delays waiting for results and reduced paper and personnel costs. CEL can pass on important time and resource savings to the Client.

- **Technology:** CEL is an industry leader, integrating the newest, cutting-edge technology into all aspects of

our business. Our inspectors are equipped with tablet computers as a means of reviewing drawings, RFI's, and interacting with the design and construction team.

- **Reporting Method:** Our reporting method consists primarily of iPad-generated field reports left on-site, documenting the testing and inspections performed, or more importantly, listing any non-compliances or problems. Under normal circumstances, a written report, which has been reviewed by one of our engineers, is available within one week following the week of inspection. Laboratory test reports are available within three days of completion of the test.
- **Electronic Reporting:** CEL utilizes a state-of-the-art electronic reporting system. Approximately 80% of all our projects are reported via electronic reporting. Our system is not just an emailed report but a complete library of all the reports on the project. Therefore, at any given time, all laboratory reports, on-site reports, off-site reports, and submittals can be reviewed by anyone who is given password-protected access to the system. A newly added feature is the ability to download any and all reports to a separate file. The system was originally designed in 2004 and was redesigned and improved in 2012. It has had four generations of improvements installed over the past four years and CEL continues to be the leader in electronic reporting.
- **Immediate Notification of Issues:** Electronic reporting, however, is not the means and methods utilized to notify personnel of non-compliance issues. On-site non-compliance issues will be immediately brought to the attention of the project team so that those issues can be addressed. Off-site non-compliances, such as low

concrete breaks or issues that may take place in a shop, will be immediately identified and emailed separately from our standard reporting processes so that all of the appropriate personnel are notified immediately of any non-compliance. Reports noting non-compliances and low breaks are identified in red on the e-reports system so they stand out from the other reports.

All of our employees operate within the following core values: **safety, integrity, honesty, teamwork, education, quality and financial stability**. These core values are demonstrated throughout our company and are realized through the professionalism and quality of service our clients receive on a daily basis. CEL is an equal opportunity employer with active affirmative action and in-house training programs.

We are certified and approved by many agencies including:

- California Department of Transportation (Caltrans);
- Division of the State Architect (DSA) (LEA Nos. 29, 54 and 130);
- American Association of State Highway and Transportation Officials (AASHTO);
- American Concrete Institute (ACI);
- American Construction Inspectors Association (ACIA);
- American Society for Testing and Materials (ASTM);
- California Council of Testing and Inspection Agencies (CCTIA);
- Cement and Concrete Reference Laboratory (CCRL);
- International Code Council (ICC);
- Office of Statewide Health Planning and Development Pre-approved Laboratory (OSHPD OPL).

Project Management and Coordination

Budget Management: Our designated Project Manager and Main Point of Contact, Mr. Bill Cale will review the entire inspection budget on a bi-weekly basis. The budget update report will identify each scope and be included with each invoice. We will communicate directly with you should the subcontractor or contractor scheduling cause additional impact on the cost structure.

Budget Accountability: A new feature that has been added to our eReports site is a client home screen. From this screen, the client has the ability to view all project reports including project financials. This includes the testing and inspection budget, billed-to-date, percent, and outstanding invoices with the invoice number.

Mr. Cale will work directly with the project team over the course of the project. Mr. Cale will coordinate directly with our on-site lead inspector. The utilization of these two individuals, along with the DSA responsible engineer, Mr. Gregory LeRoy, P.E., a 25-year veteran of materials testing and inspection, will keep the reporting and quality control processes of the project moving along.

Mr. Cale will manage CEL's role in the project and will ensure the Client and CEL reach a project agreement that is acceptable to both parties. CEL will ensure that the Client is comfortable with the staff assigned to the project and will offer fully certified inspectors for the tasks assigned. Mr. Cale and the inspectors will attend pre-construction meetings as requested.

Daily communication between the inspection staff and the Project Manager will ensure that issues are handled immediately and information, schedules, and expectations are known to all concerned. The on-site Lead Inspector will have the capability to act as the liaison between the Client and CEL's office. The Owner will have one point of contact for any and all questions and issues. The Lead Inspector will have the capability, with the Owner's authorization, to make day-to-day staffing assignments.

CEL's local office and DSA-certified laboratory is conveniently located providing immediate response to any request from the District.

4 | PHILOSOPHY & APPROACH TO TESTING & INSPECTIONS

CEL is one of few firms having the capabilities of a full-service quality assurance agency. CEL's primary focus is to provide special inspection of construction on a wide range of construction types. Our services include all the special inspection and laboratory testing of:

- Asphaltic Concrete
- Soils and Aggregates
- Reinforced Concrete
- Batch Plant Inspection
- Shotcrete
- Masonry
- Non-Shrink Grout
- Structural Steel Field Welding
- Structural Steel Shop Fabrication Inspection
- High-Strength Bolting
- Non-Destructive Evaluation
- Fireproofing
- Firesafing
- Proofload/Torque Verification
- Anchor/Dowel Installation
- Roofing
- Waterproofing
- Wood Framing
- Mechanical Systems
- Electrical Systems

In addition to the normal range of construction inspection and testing services in the areas of soils, asphalt, asphaltic concrete, reinforcing steel, structural steel, concrete, roofing, fireproofing, electrical and mechanical, we have equipment and expertise in the following special areas:

- Structural Investigation
- Non-Destructive Testing
- Ground-Penetrating Radar (GPR)
- Geosynthetics
- Asphaltic Cements
- Floor Flatness Testing
- Roofing Consulting
- Fire/Life Safety Systems
- Inspector of Record (IOR)

CEL has provided many of these services for K-12 public schools and community colleges for over 35 years throughout the Bay Area. **Over 80% of our revenue is derived from repeat clients that we have worked with over the years.** CEL has maintained master agreements or on-call contracts with:

- Chabot Community College,
- De Anza Community College,
- Las Positas Community College,
- Marin Community College,
- Ohlone College,
- San Mateo Community College,
- San Francisco Unified School District,
- Hayward Unified School District,
- Pittsburg Unified School District,
- Mt. Diablo Unified School District,
- Fremont Unified School District,
- West Contra Costa Unified School District,
- Oakland Unified School District,
- Loma Prieta Joint Union School District,
- Soquel Union Elementary School District,
- Fremont Union High School District,
- Menlo Atherton School District and
- Menlo Park City School District.

CEL has been providing materials testing and special inspections for over 12 years on a continuous basis for many of these Districts.

Exhibit A

Testing and Inspection Proposal Form

Proposal Information:

Firm Name Consolidated Engineering Laboratories

DSA LEA Number 54

Authorized Signature R. Morse

Printed Name Robert W. Morse, Senior Vice President

Date June 28, 2022, Revised July 29, 2022

Base Bid (amount shall be shown both in words and figures. In case of discrepancy the amount shown in words shall govern. Proposal amount shall include all testing, inspections, travel time, shipping charges and applicable taxes to complete the testing and inspection work as required).

Eighty thousand, one hundred fifty-seven dollars and sixty cents Dollars ($ 80,157.60)

ACKNOWLEDGMENT

Agriculture Sciences, Viticulture Facility at Las Positas College

By signature below, pricing for the testing and special inspection services for the ~~New B2100 Biology Annex. Project at Chabot College~~ will be guaranteed to the Chabot-Las Positas Community College District effective the date accepted by the District Board of Trustees.

R. Morse
Signature
(Authorized Agent of Company)

June 28, 2022
Date

EXHIBIT B

Proposal for Materials Testing and Inspection Services

Chabot-Las Positas Community College District - **Las Positas College Horticulture Facility Project**

Company Name Here:	Consolidated Engineering Laboratories				
		A	B	C	D
Item	*Description*	*Units*	*Rate*	*Quantity*	*Total*
1	**SOILS**				
	Probe Test (technician)	hr.	$ 98.00	24	$ 2,352.00
	Price per compaction test (nuclear gauge test)	*HR.*	$ 98.00	32	$ 3,136.00
	Sampling at site, grading of soils, compaction curves	hr.	$ 98.00	12	$ 1,176.00
	Soils Qualification Tests	ea.	$ 324.00	2	$ 648.00
	Moisture Curve Density	ea.	$ 324.00	4	$ 1,296.00
2	**ASPHALTIC CONCRETE**				
	AC Paving Placement	hr.	$ 98.00	24	$ 2,352.00
	Sub-base/ Base Compaction	hr.	$ 98.00	24	$ 2,352.00
	Equipment Fee	hr.	$ -	0	$ -
	Stabilometer Value	ea.	$ 224.00	3	$ 672.00
	Extraction/Gradation	ea.	$ 324.00	3	$ 972.00
	Maximum Density/ Specific Gravity	set	$ 324.00	3	$ 972.00
3	**REINFORCING STEEL SAMPLING & TESTING**				
	Sampling and Tagging of Reinforcing Steel (Tensile & Bend)	hr.	$ 74.00	30	$ 2,220.00
	Field Placement Inspection *BY THE IOR/PI*	hr.	$ 88.00	0	$ -
	Testing of Reinforcing Steel (tensile) (Lab) *SEE BELOW*				
	Rebar Tensile Tests	ea.	$ 74.00	15	$ 1,110.00
	Rebar Bend Tests	ea.	$ 74.00	15	$ 1,110.00
	Testing of Reinforcing Steel (bend) (Lab) *SEE ABOVE*	ea.	$ 74.00		$ -
4	**CONCRETE**				
	Sampling for each concrete pour and slump test at jobsite	hr.	$ 74.00	60	$ 4,440.00
	Concrete Cylinder Compression Tests (5 Field Samples)	ea.	$ 18.00	65	$ 1,170.00
	Concrete Cylinder Compression Tests (4 Field Samples)	ea.	$ 18.00	0	$ -
	Concrete Cylinder storage	ea.	$ 18.00	0	$ -
	Concrete Specimen Pickup (JOB SITE)	trip	$ 36.00	10	$ 360.00
	Concrete mix design review (no trial Batch)	hr.	$ 225.00	5	$ 1,125.00
	Batch Plant Inspection (full time/part time *CONTINUOUS)*	hr.	$ 74.00	40	$ 2,960.00
	Concrete Core Samples	ea.	$ 124.00	0	$ -
	Concrete Core Compression Tests	ea.	$ 124.00	0	$ -
5	**STRUCTURAL STEEL (Shop and Field)**				
	Shop Fabrication & Welding Inspection for Structural Steel	hr.	$ 88.00	128	$ 11,264.00
	Field Erection & Welding Inspection	hr.	$ 88.00	144	$ 12,672.00
	Tensile test *SEE CONCRETE*	ea.	$ 74.00		$ -
	Bend Test *SEE CONCRETE*	ea.	$ 74.00		$ -
	Welding Procedures	hr.	$ 225.00	3	$ 675.00
6	**GLU-LAM BEAMS (SHOP)**				
	Shop Fabrication Inspection	hr.	$ 175.00	0	$ -
7	**PULL OUT TESTING**				
	Expansion Anchor Pull Out Testing (JOBSITE)	ea.	$ 74.00	44	$ 3,256.00

EXHIBIT B

Proposal for Materials Testing and Inspection Services

Chabot-Las Positas Community College District - **Las Positas College Horticulture Facility Project**

Company Name Here:	Consolidated Engineering Laboratories				
		A	B	C	D
Item	***Description***	***Units***	***Rate***	***Quantity***	***Total***
	Pre-job Conference	hr.	$ 98.00		$ -
	Continuous Inspection	hr.	$ 98.00		$ -
	Roofing Test	ea.	$ 98.00		$ -
9	**ADDITIONAL SERVICES**				
	Mileage Rate (if any)	mile	$ 0.60		$ -
	List schedule of professional rates for items not listed above				
	High Strength Bolt Assembly Tests	ea.	$ 256.00	27	$ 6,912.00
	Test Anchor Bolts & Rods Not Readily Identifiable	ea.	$ 342.00	3	$ 1,026.00
	Non-shrink Grout Placement	hr.	$ 88.00	24	$ 2,112.00
	Non-shrink Grout Compression Tests	ea.	$ 44.00	24	$ 1,056.00
	Post-Installed Anchors Placement	ea.	$ 74.00	44	$ 3,256.00
	DSA forms 291, 292 & 293	ea.	$ 224.00	7	$ 1,568.00
	Project Management and Engineering 8%	ea.	$ 1.00		$ 5,937.60
	All above unit prices to include necessary equipment, report time, supervision time, clerical time, misc. documents, and other charges necessary to support such activity.				
	Provide minimum requirements (if any). *SEE BASIS OF CHARGES.*				
	Address if travel time is to be charged to job site, from job site, both to and from job site, or not at all. *NEVER TO THE JOBSITE.*				
	Projected Total				$ 80,157.60

Basis of Charges

The proposed unit rates will be in effect through June 30, 2023. Thereafter, the unit rates are subject to an annual increase of five and one-half percent (5.5%) per year to mitigate the annual operating cost increases:

Work over 8 Hours per day	Time and One-Half
Work over 12 Hours, Monday through Friday	Double Time
Work on Saturdays	Time and One-Half
Work over 8 Hours on Saturdays	Double Time
Work on Sundays/Holidays	Double Time
Swing or Graveyard Shift Premium	$12.50 per Hour
Work from 0-2 Hours	2-Hour Minimum Billing
Work from 2-4 Hours	4-Hour Minimum Billing
Work from 4-6 Hours	6-Hour Minimum Billing
Work from 6-8 Hours	8-Hour Minimum Billing
Show-Up Time	2-Hour Minimum Billing
Same-Day Service Call Requests	$200.00/each
Sample Pick-Up	$36.00/Trip
Laboratory Testing – Rush Fee	Add 50% to Testing Cost
Technician with a Nuclear Gauge	Portal-to-Portal
DSA Forms	$224.00 each
Final Affidavit (per permit number) (request six working days advanced notice)	$400.00 each
Extra Copies (over four per issue date) of Inspection Reports and Final Affidavit	$20.00/each
Project Engineering and Management	8% of Fees
Credit Card Payment of Fees	2.5% Premium
Reimbursables	Cost + 15%
QA/QC Plan Written Procedures	Quotation upon Request
Out of Area Services (beyond 40-mile radius)	As Listed Below:
Travel Time	Basic Hourly Rate
Mileage	$0.60/Mile
Per-Diem, including lodging	$120.00/Day

SOILS COMPACTION

Testing will be performed during site grading, parking area baserock placement and utility trench backfill.

Field testing will be performed using a nuclear gauge to determine the relative compaction of the soil in conformance with American Society for Testing and Materials (ASTM) D6938.

ASPHALTIC CONCRETE PAVING

FIELD QUALITY CONTROL

Inspection and testing will be performed under provisions of Section 01400.

We will inspect and test base and paving, including but not limited to:

- Compaction and thickness of base according Caltrans Specification Section 26;
- Compaction of asphalt concrete tested with nuclear gauge in accordance with American Society for Testing and Materials (ASTM) D2950. Nuclear density gauge determination will be correlated with density of compacted specimens determined according to ASTM D1188;
- Temperature of asphalt concrete just prior to paving;
- Check thickness of surfacing by coring when directed by Owner's Representative.

REINFORCED CONCRETE

MIX REVIEW

We will review the proposed concrete mixes in our laboratory for conformance with specifications.

SAMPLE, TAG AND TEST REINFORCING STEEL

Prior to fabrication of the steel, we will make a visit to the reinforcing steel supplier and collect mill certificates and sample reinforcing steel from the unbroken bundles. Testing will be as per American Society for Testing and Materials (ASTM) A615. Once the steel is ready for shipment, we will make another trip to the supplier and inspect to determine the steel has identical heat numbers to that already tested, and tag the steel so that it may be shipped to the job site.

BATCH PLANT INSPECTION

Our inspector will periodically check for batch weights, moisture content of aggregates, proper use of admixtures, and batching procedures.

REINFORCING STEEL PLACEMENT

Will be performed by the Inspector of Record (IOR).

CONCRETE PLACEMENT

Will be performed by the IOR.

CONCRETE SAMPLING

Our inspector will be on-site to perform casting of (4x8) concrete cylinders for compression testing at a frequency of five cylinders for every 50 cubic yards placed.

CONCRETE COMPRESSION TESTING

We will transport all samples to our laboratory for compression testing in strict accordance with ASTM requirements. Compression test reports will be distributed to the appropriate parties.

STRUCTURAL STEEL

SHOP INSPECTION

- Review of welding procedure specifications;
- Material identification and mill certificate review;
- Observe the utilization of certified welders and approved welding procedures;
- Visual inspection of welding to determine compliance with contract documents;
- Nondestructive testing of moment welds and column splices;
- Confirm approximate preheat temperature;
- Continuous inspection of multi-pass fillet welds, groove welds and reinforcing steel welding.

FIELD INSPECTION

- Observe the utilization of certified welders and approved procedures;
- Confirm approximate preheat temperature;
- Nondestructive testing of moment welds and column splices;
- Inspect to determine and observe proper installation and tightening of high strength bolts;
- Visual inspection of welding to determine compliance with contract documents;
- Continuous inspection of multi-pass fillet welds, groove welds and reinforcing steel welding.

METAL DECK|SHEAR STUDS

Intermittent visual inspection will be conducted for metal deck and shear stud welding.

HIGH STRENGTH BOLTING

Prior to installation, our inspector will confirm that fastener components are properly stored. Our inspector will perform pre-installation verification testing daily where applicable to confirm the suitability of the completed fastener assembly and confirm the procedure and proper use by the bolting crew of the pretensioning method to be used. A representative sample of not fewer than three complete fastener assemblies of each combination of diameter, length, grade and lot to be used shall be checked to confirm the proper pretension is achieved. Our inspector will then observe the pretensioning methods used are in accordance with the specifications and that joints are brought to a snug tight condition and then tightened systematically from the most rigid part of the joint. Our inspector will document the testing and observations performed and locations of accepted and rejected connections.

LABORATORY TESTING OF HIGH STRENGTH BOLT ASSEMBLIES (ASTM A325|A490)

We will sample a set of three (3) high strength bolt assemblies per size, lot and heat number from sealed kegs at the supplier or steel fabrication plant. We will perform proofload, ultimate and hardness tests on the assemblies in our laboratory.

EPOXY DOWELS AND POST-INSTALLED ANCHORS

As required, we will perform visual examination of dowel/anchor placement to determine if dowel/anchor holes are clean, of the proper depth and diameter, and installed as specified by the manufacturer. In addition, we will perform proofload/torque testing of the dowels/anchors at the percentage defined by the plans and specifications.

NOTE: These estimates assume that adequate access will be provided for performing the work at maximum production, i.e., scaffolding. Should any dowel/anchor fail, additional tests will be required per plans.

NON-SHRINK GROUT

NON-SHRINK GROUT PLACEMENT

During the pours, our inspector will periodically monitor the placement. Our inspector will be performing the following duties:

- Determine the adequacy of placement and vibratory equipment;
- Observe proper delivery rate of non-shrink grout and monitor batch times;
- Observe that the correct mix is being utilized;
- Record temperature of air and concrete;
- Cast cubes for compression tests at the specified frequency.

COMPRESSION TESTING

We will transport all samples to our laboratory for testing in strict accordance with the American Society for Testing and Materials (ASTM) requirements. Reports of compression tests will be distributed to the appropriate parties.

THOUGHTFUL ASSUMPTIONS AND CLARIFICATIONS

-We trust that it is acceptable to modify the EXHIBIT B provided in the RFP to accomodate all the various scopes and details of this project.

-This is a time and materials budget estimate proposal.

-No overtime or shift differential time has been included in this proposal. A modest budget constingency should be applied.

WILLIAM K. CALE, JR.

SENIOR PROJECT MANAGER

EDUCATION
BA, Communications, California State University, Chico

JOINED CEL
2013

EXPERIENCE & RESPONSIBILITIES

Mr. Cale brings over 20 years of experience in the construction industry including more than 10 years in the special inspection and materials testing field. He is a past Vice President, Board Member and Secretary/ Treasurer for the California Council of Testing and Inspection Agencies (CCTIA). Mr. Cale's experience in California Schools Construction (DSA) is extensive. Since joining CEL in 2013, **Mr. Cale has managed over 900+ K-12 and Community College projects in 42 different Districts**. His integrity, positive energy and commitment to excellence are an asset for every team.

PROJECT EXPERIENCE

Fremont Unified School District, Horner Middle School Conversion, Fremont, CA

Mr. Cale is currently serving as Senior Project Manager for the conversion project at Horner Middle School in Fremont, CA. The project includes (2) increments. Increment 1 is site prep and utility install at the existing open field at the north end of the existing campus preparing for a new campus on the site. Increment 2 shall be the installation of four new buildings northern portion of the campus, currently being the locations of the existing open field. The project includes a hybrid design with new construction and modernization.

San Francisco Unified School District On-Call, San Francisco, CA

As Project Manager of this on-call contract, Mr. Cale managed multiple campus projects throughout SFUSD. He managed multiple budgets as well as construction schedules, ensuring special inspections remained on schedule across the District.

Oakland Unified School District, Greenleaf K-8 Conversion, Oakland, CA

As Senior Project Manager, Mr. Cale oversaw the geotechnical engineering, materials testing and construction inspection services for the Greenleaf K-8 conversion project. CEL served as Geotechnical Engineer of Record and scope of services included reinforced concrete, structural steel, fire-proofing, fire-stopping and smoke seals, skylight load testing, glu-lam fabrication, and post-installed anchors.

San Jose Unified School District On-Call; San Jose, CA

As Project Manager of this On-Call contract, Mr. Cale managed multiple campus projects throughout SJUSD. With a mix of new construction and seismic retrofits occurring simultaneously across campuses, Mr. Cale managed multiple budgets as well as multiple construction schedules. His attention to detail ensured that special inspections remained on schedule across the District.

Other Districts Mr. Cale has served as Sr. Project Manager:

- Albany USD
- Antioch USD
- Banta Elementary SD
- Benicia USD
- Brentwood Union SD
- Byron USD
- Cabrillo USD
- Campbell Union HSD
- Emery USD
- Emeryville USD
- Franklin-McKinley SD
- Fremont Union HSD
- Gilroy USD
- Hayward USD
- Jefferson Union HSD
- John Swett USD
- Knightsen Elementary SD
- Liberty Union HSD
- Loma Prieta Joint Union SD
- Los Gatos-Saratoga UHSD
- Martinez USD
- Menlo Park City SD
- Milpitas USD
- Moraga SD
- Morgan Hill USD
- Mountain View Los Altos Union HSD
- Newark USD
- Oak Grove SD
- Palo Alto USD
- Piedmont USD
- Pittsburg USD
- Ravenswood City SD
- Redwood City SD
- San Mateo-Foster City SD
- Soquel Union Elementary SD
- South San Fransisco USD

GREG LEROY, PE

DSA PROJECT ENGINEER

EDUCATION
BS, Civil Engineering, 2003
California State University, Sacramento

REGISTRATION
Civil Engineer
PE CA #73002

CERTIFICATIONS
IFC Firestop Certification
UCACE Construction Quality Management for Contractors

JOINED CEL
2006

EXPERIENCE & RESPONSIBILITIES

Mr. LeRoy has over 26 years of experience in the construction industry. His main responsibility at Consolidated Engineering Laboratories (CEL) is to supervise the field staff and laboratory activities. He coordinates and manages the quality of CEL's testing and inspection program requirements with project Architects, Engineers, construction managers and contractors. He reviews and maintains records of concrete mix designs, and other submittals for conformance with project requirements. He also reviews daily field inspection reports and issues final certification letters on projects inspected by CEL. As DSA Supervising Engineer since 2014, Mr. LeRoy has supervised calibrations of laboratory equipment and testing related to laboratory certifications. Mr. LeRoy is experienced in all aspects of field and laboratory testing of soils, asphalt, steel and concrete materials. His experience includes educating staff and supervising testing and inspection services for DSA, OSHPD, commercial and many other projects, including the new IFC certification program.

PROJECT EXPERIENCE

Office Engineer, San Ramon, CA

Coordinates Special Inspections including supervising concrete, welding and masonry special inspectors. Manages team of Building Inspectors performing special inspections of wood construction, waterproofing, roofing and MEP. Manages inspections of Firestopping – Premier Certified Firestop Inspector (IFC). Reviews shop, field and laboratory reports. Coordinates review of Concrete mix designs and WPS submittals. Prepares Project Closeout documents.

Apple Campus, Cupertino, CA

Supervised testing and special inspection reporting, which includes accepting and then closing or failing all Inspection Requests (IR) for multiple large projects. All tests and special inspection reports are reported by IR number to project database. Review of concrete mix designs, coordinating review of WPS submittals and preparing extensive closeout documents.

Highland Hospital, Acute Tower Replacement, Oakland, CA

Reviewing Engineer - Coordinated Special Inspections including supervising concrete, welding, bolting, and masonry special inspectors. Review of shop, field and laboratory reports. Review of concrete mix designs, coordinating review of WPS submittals and preparing closeout documents.

Kaiser New Oakland Hospital, Oakland, CA

Coordinated Testing and Special Inspections including supervising concrete, welding and bolting special inspectors. Review of concrete mix designs, coordinating review of WPS submittals.

Cathedral Hill Hospital, San Francisco, CA

Reviewing Engineer - Coordinate Special Inspections including supervising concrete, shop and field welding special inspectors. Review of concrete mix designs, coordinating review of WPS submittals.

CLIFF LOWE

SENIOR FIELD SUPERVISOR

CERTIFICATIONS
ACI, Grade I

DSA Masonry #5419

ICC Reinforced Concrete

ICC Structural Masonry

ICC Structural Steel & Welding

ICC Structural Welding

ICC Structural Steel & Bolting

Liquid Boot

OSHA 002591476

Radiation Safety and Use of Nuclear Gauge

Mobile Equipment Operation 888-237T

JOINED CEL
2002

EXPERIENCE & RESPONSIBILITIES

Mr. Lowe brings over 36 years of construction industry experience to Consolidated Engineering Laboratories (CEL). He has developed strong skills as a multi-disciplined inspector enhancing his strong communication skills and his ability to problem solve. Mr. Lowe currently serves CEL as Field Supervisor, providing supervision, direction, and assistance to over 200 inspectors. He is a key member of CEL's Strategic Planning Committee. He also serves on the Board for the Joint Apprenticeship Committee of Northern California, and he serves on the Curriculum Committee for the Mission Hiring Hall.

PROJECT EXPERIENCE

Mr. Lowe operationally manages CEL's Quality Assurance/Quality Control Program throughout the Bay Area. Some of his prominent projects include:

- State of California, Department of Water Resources (DWR) Statewide On-Call
- EBMUD Water Treatment Plant Expansion, Oakland, CA
- Hollister Wastewater Treatment Plant, Hollister, CA
- Watsonville Wastewater Treatment Plant, Watsonville, CA

SalesForce Tower, San Francisco, CA

This 1,070 foot tall 61-story iconic structure located on Mission Street in the South of Market district will be the 7th tallest building in the United States and the tallest building in San Francisco. The 1,300,000 SF tower sits on a 15 foot thick mat foundation supported by 42 load bearing elements that are 10 feet into bedrock. Each LBE is filled with 500 cubic yards of concrete. The concrete core walls are 42" thick from basement to the 52nd floor where the thickness reduces. Surrounding the concrete core wall is structural steel supporting slab-on-metal decks. The base of the tower will connect to the Transbay Transit Center which will house 11 Bay Area transit systems.

CPMC Cathedral Hill Hospital, San Francisco, CA

California Pacific Medical Center's $2 billion construction plans in San Francisco include building a 274-bed hospital at Van Ness and Geary, a campus with a lightweight structural system that significantly improves the resource and energy effectiveness. Incorporating a 100 percent filtered outside air system, highly-diverse vegetated exteriors, healthy building materials and water conservation tactics results in a setting that promotes the health of patients, staff, and visitors.

Apple Campus, Cupertino, CA

The new campus, on a site now totaling 175 acres, is planned to house up to 13,000 employees in one central four-storied circular building of approximately 2,800,000 SF, which will include a café for 3,000 sitting people, be surrounded by extensive landscaping, and offer parking both underground and in a parking structure. The sheer size and complexity of this campus necessitated both a full-time resident inspector and a full-time on-site project manager. Our inspection staff consisted of highly certified and highly experienced ACI, ICC, AWS/CWI, and NTD personnel. At the height of the construction activities, 25-30 CEL inspectors provided inspections both on-site and off-site.

WILSON YE, PE
LABORATORY DIRECTOR

EDUCATION
BS, Civil Engineering, 2009
University of California, Davis

REGISTRATION
Civil Engineer
PE CA #C84770

CERTIFICATIONS
ACI Grade I
ACI Concrete Strength Testing #01196597

JOINED CEL
2012

EXPERIENCE & RESPONSIBILITIES

Mr. Ye joined Consolidated Engineering Laboratories in 2012 and brings his knowledge and professional experience to any project he is a part of. He is an accomplished, self-motivated and analytical problem solver with a very strong work ethic and a readiness to lend himself to a team environment to provide quality assurance and quality control inspections and testing.

PROJECT EXPERIENCE

SFO Runway Safety Area, San Francisco, CA

Mr. Ye performed quality assurance and provided a consistent and professional staff of inspectors and lab technicians on the SFO RSA Project. This project consisted of placing over 150,000 tons of P401/P403 hot mix asphalt (HMA), along with treatment of 250,000 square yards of cement treated base (CTB). CEL's scope of services include testing HMA, soils compaction testing, and concrete compression and flexural strength testing all per FAA specifications and regulations.

Lucile Packard Children's Hospital Expansion, Stanford, CA

Mr. Ye performed laboratory testing services on the LPCH Expansion project. This project is a 521,300 square-foot addition to the existing children's hospital. CEL's scope of services includes soils compaction testing, sampling of grout for auger cast piles, reinforcing steel sampling, tagging and testing, reinforcing steel inspections, batch plant inspection, concrete placement and sampling inspections, concrete compression testing, structural and miscellaneous steel shop fabrication and field welding, shop welding inspection of buckling restrained braces, ultrasonic and magnetic particle testing of welds, fireproofing inspection, adhesion and cohesion testing of fireproofing, fireproofing density testing and torque testing of post-installed anchors.

One Rincon Hill Phase 2, San Francisco, CA

Mr. Ye performed laboratory testing services on the One Rincon Hill Phase 2 project. This is a 52-story, 299 unit residential tower located in San Francisco's South of Market District. This tower has one level below grade where it will tie into the existing parking structure which will be shared with Tower One. It is constructed utilizing a vertical core wall and 52 post-tension decks with buckling restrained braces at the 40th floor. Total size of this structure is 509,600 square feet. CEL's scope of services included reinforced concrete, shotcrete, post-tensioned concrete, structural masonry, fireproofing, structural and miscellaneous steel, and buckling restrained braces.

Mr. Ye also performed laboratory services for:

- Los Vaqueros Reservoir
- Zone 7 Water District (Alameda County)
- City of Milpitas
- Port of Oakland
- Lawrence Livermore National Laboratory
- New Stanford Hospital Increment 7