Information Sheet – 7/28/2022 - Board of Trustees Meeting

TO: Board of Trustees Item: 7.2

FR: Celli Coeville, CBO

DATE: July 23, 2022

RE: Award of CTE-CAL Proposal for Material Testing & Special Inspection Services & Matrix

The District sought proposals for material testing and special inspection services for the Corral Hollow Elementary School. Seven proposals were received and reviewed. Per the chart below CTE-CAL was the lowest responsive bidder.

Recommendation: Approve CTE-CAL for Material Testing & Special Inspection Services

1	CTE-Cal	$293,081
2	RMA Group	$323,400
3	Apex Testing Labs	$323,994
4	Wallace-Kuhl & Associates	$342,895
5	Terracon	$381,511
6	BSK	$406,624
7	CTS	$543,899

CTE CAL INC

SACRAMENTO | FREMONT | MODESTO

July 6, 2022 Cover Letter - Exhibit A

Proposal No: 25-22-101

Attn: Dena Whittington, CBO
Jefferson School District
1219 Whispering Wind Drive
Tracy, CA 95377

Original

Subject: Estimate for Materials Testing & Inspection Services
Corral Hollow Elementary School
7000 Coriander Street
Tracy, CA 95377

Hello Dena Whittington,

CTE Cal, Inc. is pleased to present our cost estimate to provide material testing and special inspection services. Our quote is based on our understanding of the project provided by the plans and specifications, and we guarantee the hourly rates and unit prices included herein. Our proposal rates are based on CA Prevailing Wage Determinations.

If awarded, CTE CAl, Inc. will assign a team of key personal to manage the project. The point of contact will be Mr. Ted Fischer (Ted.Fischer@ctecal.com). 38 years of experience in materials testing and inspection management. Other key members, Mr. Rod Ballard, RCE / RGE. (Rod.Ballard@ctecal.com) Mr. Ballard is the President and owner of CTE CAL, Inc. and has 40 years of experience in Materials Engineering and Inspection Services. Mr. Mike Kennedy, RCE (Mike.Kennedy@ctecal.com). Mr. Kennedy has 8 years of experience in Materials Engineering. Mr. Robert Moore, EIT (Robert.Moore@ctecal.com) has 7 years of experience in Materials Engineering. Mr. Moore is currently waiting for his Registered Civil Engineer test results from the State of California.

What differentiates our firm from other providers? CTE Cal, Inc. is a recognized Small Business with the California Department of General Services (DGS) that provides full-service consulting with offices and personnel networking throughout Northern and Central California, including the Bay Area. We are certified by the U.S. Navy, U.S. Army Corps of Engineers, the National Bureau of Standards (CCRL & AMRL) and the Division of the State Architect (DSA). All of our Testing and Inspection procedures are supervised by a staff of experienced professionals, which includes registered Civil & Geotechnical Engineers and ACI, ACIA, AWS, ASNT and ICC certified inspectors.

CTE Cal, Inc. would like to identify cost saving benefits built into our cost estimate. Often these items are overlooked during bid evaluation process:

- **No Added Equipment Charges (Included in Rates)**
- **No Fee for CTE Cal Standard Project Management (Included in Rates)**
- **No Fee for CTE Cal Standard Administrative Services (Included in Rates)**

We have read the District's Request for Qualifications and Proposal (RFP) for Testing and Special Inspection, and Soils Testing Consultant and fully understand its intent. We certify that we have adequate personnel, equipment, and facilities to provide the District's requested services that we have indicated we can provide. We understand that our ability to meet the criteria outlined in the RFP shall be judged solely by the District. In addition, we certify that we have throughly examined the RFP requirements and our proposed fees cover all special inspection services that we have indicated we can provide, and we acknowledge and accept all terms and conditions in this RFP.

Based on our qualifications and ability to meet the staffing requirements, our firm would deliver effective solutions and a unique approach to meeting the demands of this project. Our staff would welcome the opportunity to sit down and discuss our approach greater detail. Please do not hesitate to contact us at (209) 543-1799. Thank you for this opportunity .

Respectfully Submitted,

CTE Cal, INC.
Ted Fischer

TED FISCHER
OPERATIONS MANAGER

TED FISCHER
CTE CAL, INC.
7-6-2022

1.0 Project Team

KEY PERSONNEL

The project materials testing and inspection personnel for this project will be comprised of professional engineers, construction quality control certified inspectors and technicians, as well as experienced general and special inspectors. The following represents CTE Cal's team of key personnel with their resumes, an organizational flow chart. CTE Cal does not anticipate changing key members for this project throughout the duration of work.

Rodney Ballard, RCE GE – President / Principal Engineer

Mr. Ballard will oversee the execution of the entire agreement, and provide geotechnical engineering recommendations based on his experience with projects of similar scope. He will provide value engineering recommendations wherever possible to improve project timeline and budget. His review of submittals, specifications, and plans can provide substantial improvements to quality and budget, as he has done many times over his 30+ year career.

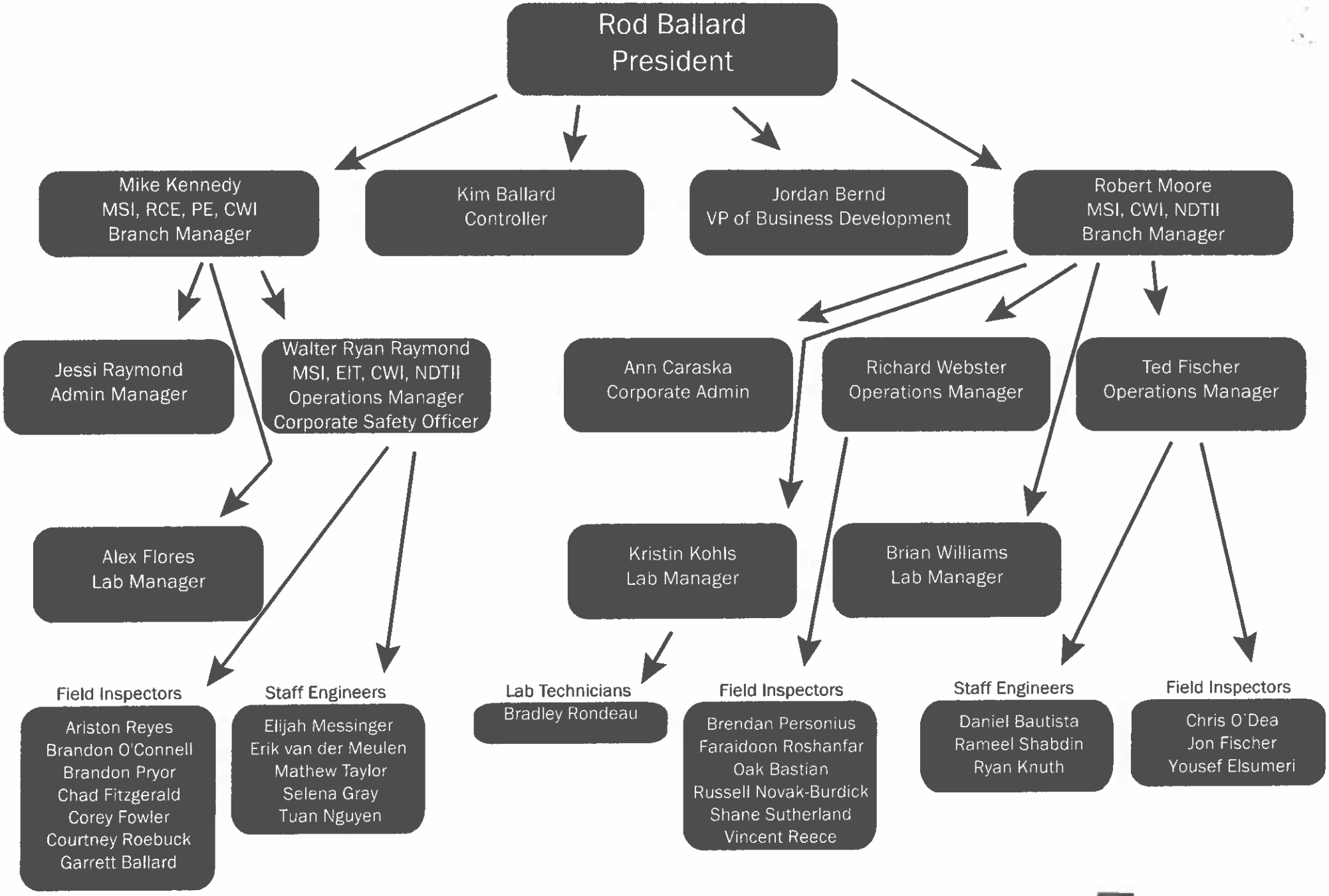
Mike Kennedy, RCE – Project Manager / Engineer

Mr. Kennedy will be responsible for the oversight of field engineering observations and laboratory testing. He will coordinate with the Operations Manager to ensure that information from the field and laboratory are integrated throughout the project lifecycle. He will review specifications, submittals, and geotechnical reports prior to the execution of a project and provide that information to the project team in a concise, executable form. Mr. Kennedy will track project budget and communicate progress and any budget impacts promptly with the District. Transferal of daily reports, laboratory results, and information regarding budget and invoicing will be handled by Mr. Kennedy for each agreement with the District.

Ted Fischer - Team Lead / Operations Manager

Mr. Fischer will coordinate field testing and observations, meet with the PI, Contractor and field personnel to establish and maintain firm lines of communication between all parties. He will track discrepancies and field report findings to ensure corrections and alterations are approved prior to cover-up, preventing costly rework that impact budget and schedule. Mr. Fischer will provide direct oversight for each project, communicating with field technicians that will provide services under this agreement.

An organization chart follows that outlines the structure of CTE Cal's field and engineering team.


Rod Ballard
President
Mike Kennedy
MSI, RCE, PE, CWI
Branch Manager
Kim Ballard
Controller
Jordan Bernd
VP of Business Development
Robert Moore
MSI, CWI, NDTII
Branch Manager
Jessi Raymond
Admin Manager
Walter Ryan Raymond
MSI, EIT, CWI, NDTII
Operations Manager
Corporate Safety Officer
Ann Caraska
Corporate Admin
Richard Webster
Operations Manager
Ted Fischer
Operations Manager
Alex Flores
Lab Manager
Kristin Kohls
Lab Manager
Brian Williams
Lab Manager
Field Inspectors
Ariston Reyes
Brandon O'Connell
Brandon Pryor
Chad Fitzgerald
Corey Fowler
Courtney Roebuck
Garrett Ballard
Staff Engineers
Elijah Messinger
Erik van der Meulen
Mathew Taylor
Selena Gray
Tuan Nguyen
Lab Technicians
Bradley Rondeau
Field Inspectors
Brendan Personius
Faraidoon Roshanfar
Oak Bastian
Russell Novak-Burdick
Shane Sutherland
Vincent Reece
Staff Engineers
Daniel Bautista
Rameel Shabdin
Ryan Knuth
Field Inspectors
Chris O'Dea
Jon Fischer
Yousef Elsumeri

2.0 Project Understanding & Considerations

CTE Cal has over 20 years of Special Inspection and Construction Testing experience on both Private and Public Projects. As a team, we understand that DSA projects have requirements that exceed those of more typical construction. By combining our thorough understanding of the California Building Code and ASTM Test Methodologies with our extensive practical experience, we can effectively predict likely issues prior to them happening. By addressing issues early in the construction cycle, CTE Cal is able to help keep the project on schedule, minimize project costs and enhance the Revenue Cycle for the Jefferson School District.

CONSTRUCTION QUALITY CONTROL SPECIAL INSPECTORS AND TECHNICIANS:
Each inspector or technician performing structural special inspections and/or building systems inspections will have proper qualifications and certifications for the type of construction being performed. The quality control inspector and technicians will document the results of their inspections or tests and submit their reports in a timely manner.

Upon completion of a segment of work, the inspector assigned to the work will inspect the workmanship, confirm dimensional accuracy, and verify the approved materials to ensure complete compliance of the work with contract requirements. The inspector will continue to inspect the work in progress, on a daily basis, or as required, until the work is completed. Upon completion of an item of work, operation or performance testing will be conducted as required.

When the materials being used do not comply with the specifications, or any work is not as detailed on the plans or geotechnical report, the inspector will notify the PI and the Project Manager such that immediate notification of noncompliance is reported. The field engineer or technician will work with the Contractor / PI to immediately rectify the non-compliance item, describe in his or her daily report all of the above conditions noted, and subsequent actions taken, such as notifying the superintendent and subcontractor responsible for the noncompliance item.

Urgent and Scheduled Response Time
CTE Cal has provided urgent or emergency special inspection and materials testing services on short notice on many occasions. Our flagship project in the City of San Jose, the Bay 101 Casino, presented a challenging construction environment where our adaptability played a key role. On one particular occasion, a concrete pour for the foundation system had been scheduled, but a request for concrete sampling had not been made. We were able to re-allocate resources from our laboratory staff (who each have ICC certifications for field work as well) to not only perform concrete sampling as required by ACI, but to finalize inspection punch-list items from the City of San Jose's building official prior to covering of the work.

Our ability to perform under these conditions derives from multiple sources- first and foremost is our extensively and diversely qualified staff. We directly support our team members in receiving certifications

in as many types of construction inspection as possible. Our laboratory staff and management have invested time into receiving ICC, ACI, DSA, and AWS certifications where others don't, so that we can cover any request that we receive.

While we request 24 hr notice for typical inspections and material testing services, we understand the complexity of construction and we try to be as adaptable as possible. Our proprietary dispatching software allows us to quickly visualize where our inspectors are stationed, making our personnel allocation as efficient as possible.

Schedule and Budget Management

Through the use of CTE Cal's proprietary database software that allows us to track hours and quantities on a daily basis, we are able to provide quality services efficiently within the predetermined budget. Notifications are set for when a budget item reaches each benchmark, giving us ample time to assess the remaining work and allocate resources efficiently.

Our success with repeated clients throughout the Central Valley and the Bay Area stands as a testament to our ability to provide quality services within the budget allocated.

CTE Cal Inc understands that the Jefferson School District has an ambitious project schedule that requires the ability to begin work on short notice. CTE Cal is prepared to provide services on this basis.

Exhibit C

Jefferson School District – Resumes of key personal

CTE CAL, INC 3628 Madison Avenue Ste. 22 | Sacramento, CA 95660 | Ph: (916) 331-6030 | Fax: (916) 331-6037

RODNEY D. BALLARD, P.E., R.C.E., R.G.E.
ENGINEERING MANAGER

EDUCATION

Master of Science - Geotechnical Engineering, Oklahoma State University
Bachelor of Science - Civil Engineering, Oregon State University

CERTIFICATIONS

Registered Geotechnical Engineer, California
Registered Civil Engineer, State of California
Registered Professional Engineer, State of New Mexico
Registered Professional Engineer, State of Colorado
Nuclear Gauge Certified

BACKGROUND

Over thirty five years of progressively responsible construction engineering experience. Responsibilities have included direction and technical approval of construction inspection, construction materials testing, and construction engineering consulting services including geotechnical investigations; site grading observations and compaction testing; construction inspection; laboratory testing; project specification preparation, construction product and process submittal review, as well as expert evaluation and professional testimony concerning construction defect litigation. Projects have ranged from providing engineering consulting, construction inspection and construction materials testing supervision for extremely large public works projects. Projects have included performing design, construction monitoring and quality control of earth dam embankments and appurtenant structures, roadway embankments, canals, pumping plants, power plant construction as well as performing similar services on high rise commercial office buildings, large multi-story parking structures and large industrial facilities.

EXPERIENCE

1/2014 to Present
CTE CAL Inc.
Principal Engineer/ President

The position entails coordinating and technical approval of all construction inspection, construction materials testing, field engineering, construction product and process submittal reviews for three branch offices in Northern California. Supervises a staff of over fifty Registered Engineers and Geologists, Construction Inspectors and Field and Laboratory Technicians who perform construction engineering consulting, QA/QC construction inspection and materials testing services.

Recent projects include providing engineering oversite for QA/QC construction inspection and materials testing for the 1.5 billion ACOE and USBR Folsom Dam Modification, 1.2 billion Santa Clara Square Commercial construction project, and 2 billion California Department of Corrections QA/QC Northern California Prison Improvement multi-year Contract.

1989 to 1/2014
CONSTRUCTION TESTING AND ENGINEERING, INC., Escondido, CA
Principal Engineer/ President 1989 to 1998 Vice President 1998 to 2014
The position entails coordinating and technical approval of all construction inspection, construction materials testing, field engineering, construction product and process submittal reviews for Southern California operations. Supervises a staff of over 200 Registered Engineers and Geologists, Construction Inspectors and Field and Laboratory Technicians who perform construction engineering consulting, construction inspection and materials testing

Selected projects include the 1.4 billion dollar San Diego International Airport Terminal 2 expansion, 37-story Omni San Diego – Ballpark Hotel, 12-story Park Lofts Luxury Condominiums, 28-story KUSI Mixed use development, 14-story Gaslamp Square Hotel, 12-story Amerisuites Hotel, the Barona Casino and 8-story hotel, 6-story Pacific Terrace Condominiums, 5-story Harbor Landing Condominiums, and 4-story Laurel Bay Mixed-use development.

1987 to 1988
AMERICAN ENGINEERING LABORATORIES, INC., San Diego
Geotechnical and Environmental Engineering Manager
Responsible for overall technical supervision of professional and technical staff for Modesto, Corona and San Diego, California Branch Offices. Supervised, directed and monitored all geotechnical and environmental engineering investigations.

1986 to 1987
UNITED STATES TESTING, San Diego
Geotechnical and Environmental Engineering Department Manager
Responsible for overall technical supervision of professional and technical staff in Southern California region. Supervised, directed and monitored all geotechnical and environmental engineering activities.

1985 to 1986
UNITED STATES BUREAU OF RECLAMATION, Phoeniz, AZ
Field Engineer
On the 400 million dollar New Waddell Dam Project, served as the field engineer directing and performing inspection of construction activities for stage 1 of the project. Duties included administration of the quality control program, analysis and technical approval of design modifications for construction of a 150 foot dam foundation seepage cutoff wall and 10 mile reservoir access road.

1978 to 1985
UNITED STATES BUREAU OF RECLAMATION, Denver, CO
Senior Design Engineer
Prepared final designs, contract specifications, and construction monitoring for embankment dams, tunnels and water convenience structures. Specific design duties included: site investigation and exploration layout; materials testing and evaluation of test results, development of embankment zoning; performing static and dynamic slope stability analyses of embankments and structures and their foundations; filter and drain design; structure bearing capacity and settlement analysis; structure foundation design; and safety inspection and analysis of existing embankment dam structures.

Specific construction monitoring duties included: review and control of excavation operations; borrow material selection, laboratory materials properties testing direction of embankment placement; inspection and in-place material properties control operations. Major projects have included preparation of designs and construction monitoring of failed abutment rehabilitation at Ridgeway Dam, Colorado. Included grouted tiebacks used to stabilize slide mass in excess of one million cubic yards. Failure analysis and rehabilitation design for slide repair at San Luis Dam, California following steep drawdown. Involved stability berms of approximately 2 million cubic yards. Other major projects included; Navajo Dam Rehabilitation Design, New Mexico, New Waddell Dam, Arizona,and McPhee Dam, Colorado

QC/QA CONSTRUCTION INSPECTION & TESTING EXPERIENCE
AIRPORT & LARGE PAVING EXPERIENCE

$750 M San Diego International Airport Design/Build Airside Project Contract 1 San Diego California (completed 2013)
Client: Turner/PCL/Flatiron
Served as the supervising engineer and assistant QC/QA project manager during the construction of the Terminal 2 addition which included construction of 10 additional gates, Terminal and taxiway expansion, and overnight airplane parking tarmac construction.

$400 M San Diego International Airport Design/Build Landside Project Contract 2 San Diego California (completed 2013)
Client: Kiewit/Sundt
Served as supervising engineer and onsite Quality Control Manager for all construction QC/QA management, inspection, and testing services. Project included construction of an elevated departure roadway, five bridges, removal and replacement of all terminal utilities and construction of a USO and parking maintenance office structure.

$50 M McCarran International Airport Runway 1R-19L Reconstruction Las Vegas Nevada (completed 2004)
Client: Kiewit Western
Served as the QC/QA supervising manager.

$8 M John Wayne Airport Taxiway A Reconstruction Orange County California (completed 2002)
Client: Macro-Z Technology, Inc. (CTE)
Managed all QC/QA services conducted on the project.

$40 M Sector Support/Air Operations Facility for INS, Otay Mesa, California (completed 2003)
Client: Straub Construction (CTE)
Served as QC/QA supervising manager.

$3.5 M San Diego International Airport Commuter Terminal Apron and Taxiway B Concrete Rehabilitation (completed 2003)
Client: Southwest Construction Company (CTE)
Prepared the QC Plan and served as QC/QA supervising manager.

$15 M Barstow Dagget Airport Improvements Barstow California (completed 1996)
Client: Yeager Construction (CTE)
Served as supervising engineer for all construction QC/QA management, inspection, and testing services.

$10 M San Diego International Airport ATC Tower (completed 1997)
Client: Douglas E. Barnhart (CTE)
Served as the geotechnical engineer of record and QC/QA supervising manager.

$400 M IBWC International Wastewater Treatment Plant (completed 2011)
Client: PCL Construction (CTE)
Managed and supervised all QC/QA services conducted to date.

$410 M Palomar Energy Plant Escondido California (completed 2007)
Client: Kiewit Industrial Co.
Served as supervising engineer and manager for all QC/QA services provided on the project.

CTE CAL

Ted Fischer, Jr.

TITLE: Operations Manager

¼ Cherokee Registration Number C034438

CERTIFICATIONS:
American Concrete Institute - Member
ACI Concrete Field Testing Technician – Grade I #01003840
Nuclear Gauge Radiation Training and Certification
Radiation Safety Officer –
102 – Hazardous Materials D.O.T. Training – Portable Nuclear Gauge
American Welding Society – Member
ACI Aggregate Level 1
ACI Concrete Strength Testing Technician
ACI Laboratory Testing Technician
American Concrete Institute – Instructor and Supplemental Examiner (Concrete Testing Certification)
American Society of Civil Engineers - Member
Level I Antiterrorism Awareness Training – United States Department of Defense

EDUCATION:
Modesto Jr. College
Associate of Science, Forestry Engineering,1984
Supplemental Materials Engineering Classes – Sacramento State Univ.

EXPERIENCE SUMMARY:
Mr. Fischer has over 37 years of experience in the Construction Inspection and Material Testing business. As a Special Inspector, Project Manager, Operations Manager, and Regional Manager, Mr. Fischer has overseen special inspection and construction materials laboratory testing services for his employers since 1985. Laboratories under his supervision have achieved recognition by WABO (Washington Association of Building Officials), Caltrans, and the Division of the State Architect in California. His project experience ranges from educational/ medical facilities (Title 24) to mid-size office complexes, but specializes in large retail construction and DSA projects. His vast experience with large retail and DSA work provides an opportunity to include his direct involvement with a project from the initial site design phase through building completion.

WORK EXPERIENCE:

2015—Present	**CTE CAL Inc.** Operations Manager
2006—2015	**Krazan & Associates, Inc.** Sr. Client Services Manager / Operations Manager
2000—2006	**The Twining Laboratories, Inc.** Regional Area Supervisor
1996—2000	**Krazan & Associates, Inc.** Regional Manager
1991—1996	**Krazan & Associates, Inc.** Regional Manager

1985—1991 **United States Testing Company**
Engineering Technician/ Civil Laboratory Manager

PROJECT EXPERIENCE:

Capitol Toyota	San Jose, CA
Livermore High School Upgrade	Livermore, CA
Granada High School Athletic Upgrade	Livermore, CA
Stanislaus County Jail Upgrade	Modesto, CA
DDJC General Purpose Wearhouse	Tracy, CA
MOTCO Pier 2 Upgrade	Concord, CA
MOTCO Paving Repairs	Concord, CA
New Emergency Service Building	Yosemite, CA
CDRC State Prisons Upgrades	Corcoran, CA
	Tracy, CA
	Chowchila, CA
	Solidad, CA
	Jamestown, CA
Turlock HS New Science Building	Turlock, CA
Livermore JVUSD – Various Projects	Livermore, CA
Dublin USD – Various Projects	Dublin, CA

MICHAEL KENNEDY, RCE CWI MSI

TITLE: PROJECT ENGINEER
(ACI, RC, PC, SM, SW, HSB, FP, MSI, CWI, RCE)

CERTIFICATIONS

CA Registered Civil Engineer	RCE #88971	Exp. 9/30/2022
ACI Aggregate Base Testing Technician	#01291065	Exp. 8/27/2021
ACI Concrete Field Technician, Level I	#01291065	Exp. 6/15/2024
CTE Certified Deep Foundations Inspector		
Nuclear Density Gauge Safety Certified		
AWS Certified Welding Inspector (CWI)	#19041331	Exp. 4/1/2022
ICC Master of Special Inspection	#8468344	Exp. 9/19/2023
ICC Reinforced Concrete Special Inspector	#8468344	Exp. 9/19/2023
ICC Prestressed Concrete Special Inspector	#8468344	Exp. 7/8/2022
ICC Structural Masonry Special Inspector	#8468344	Exp. 9/19/2023
ICC Fireproofing Special Inspector	#8468344	Exp. 7/8/2022
ICC Structural Steel and Bolting Inspector	#8468344	Exp. 9/19/2023
ICC Structural Steel Welding Inspector	#8468344	Exp. 9/19/2023
UT Level I Per SNT-TC-1A		

EDUCATION

University of California, Berkeley, CA
M.S. Geotechnical Engineering
California Polytechnic State University (SLO)
B.S. Civil Engineering

EXPERIENCE SUMMARY

Mr. Kennedy has seven years of geotechnical, structural and construction engineering experience including performing geotechnical engineering services on public works projects throughout the Sacramento, Central Valley and Bay Area Regions. He has fulfilled the roles of field engineer and project engineer for large earthen levee and earthfill dam projects with the USACE and other public organizations. His responsibilities included site grading observations and compaction testing, construction inspection, laboratory testing, project specification preparation, construction product and process submittal review, as well as engineering evaluation

Mr. Kennedy conducts geotechnical investigations for new and existing structures, including liquefaction evaluations, seismic hazard evaluations, grading recommendations, and foundation recommendations. Mr. Kennedy also performs field investigations, including drilling observation, sampling and testing of soil deposits for structure foundation design, landslide evaluations, and levee repairs, as well as earthwork inspection during grading and utility backfill installations.

Besides being a CA Registered Professional Engineer and a Certified Welding Inspector, he is certified to perform ICC special inspections of Reinforced Concrete, Prestressed Concrete, Masonry, Bolting, and Spray Applied Fireproofing; and ACI field testing of concrete, aggregate and soils.

PROJECT EXPERIENCE

Marysville Ring Levee Phase 2B/3 — Marysville, CA
Earthen Levee Enlargement and Cutoff Wall
2020 to 2021

Levee Repair for PL 84-99 Site 1151-11 — Manteca, CA
Earthen Levee Repair
2020 to 2021

PROJECT EXPERIENCE CONT.

San Joaquin Emergency Levee Repair PL 84-99 Sites 1151-11 through 19, 22-23 2018 to 2019	San Joaquin County, CA
DWR Emergency Levee Repair North Erosion Repair for Earthen Levee 2017	Tehama, Lake, Sutter, Colusa, and Yolo Counties, CA
Folsom Dam Phase IV Earthfill Dam 2014 to 2017	Folsom, CA
Other USACE and NAVFAC Experience: MOTCO Replace/Upgrade Pier 2 Earthen Pier Approach and Improvements 2019 to 2021	Concord, CA
Travis Air Force Base Multiple Projects 2016 to Present	Travis, CA

ROBERT MOORE

TITLE: **STAFF ENGINEER / FIELD INSPECTOR**
(CWI, UTII, RC, PT, SW, HSB, SAT, ACI, SM, CWI, MI)

EDUCATION:
Westmont College
B.S. Engineering/Physics 2014

CERTIFICATIONS:

CA Board for Professional Engineers - Engineer in Training (EIT)	#173295
AWS Certified Welding Inspector (CWI)	#16120013
Ultrasonic Testing Level II (AWS D1.1)	#ETMS-UT2-19
ICC Master of Special Inspection	#8406046
ICC Prestressed Concrete Special Inspector	#8406046
ICC Reinforced Concrete Special Inspector	#8406046
ICC Structural Steel and Bolting Special Inspector	#8406046
ICC Structural Welding Special Inspector	#8406046
ICC Structural Masonry Special Inspector	#8406046
ICC Spray Applied Fire Proofing	#8406046
DSA Certified Masonry Special Inspector	#6001
ACI Concrete Field-Testing Technician – Grade I	#01325314
ACI Adhesive Anchor Installation Inspector	#01325314
ACI Masonry Field Testing Technician	#01325314
Auto Cad Level I Certified	#1768HHTHH1
USACE Construction Quality Manager	#SAJ-01-21-00002
Magnetic Particle Testing Level I & II	
Nuclear Gauge Certified	
Aerial Boom Lift Certified	
Ultrasonic Testing AWS D1.8 Specific	

PROJECT EXPERIENCE	LOCATION	ESTIMATED CONSTRUCTION COST
NASA Ames Research Center Arc Jet Complex	San Jose CA	25 Million
Related Santa Clara (Early Access Project)	Santa Clara CA.	25 Million with Total Project Cost 8 billion
Folsom Dam Auxiliary Spillway Phase 4	Folsom, CA	255 Million
Mormon Island Auxiliary Dam (MIAD) Phase 3	Folsom, CA	45 Million
Pier 2 Replacement at MOTCO	MOTCO, CA	36 Million
Pathline at Peery Park Office Campus	Sunnyvale, CA	500 Million
Sunnyvale Primary Treatment Facility – Pkg 2	Sunnyvale, CA	102 Million
McKelvey Park Detention Basin	Mountain View, CA	84 Million
Santa Clara Square Phase I & II	Santa Clara, CA	230 Million
California Military Department HQ	Rancho Cordova, CA	135 Million
Table Mountain Casino	Friant CA	500 Million
Folsom Dam Auxiliary Spillway	Folsom CA	300 Million
Menlo Atherton High School STEM Building	Palo Alto CA	10 Million
Military Ocean Termina Concord	MOTCO CA	
General Purpose Warehouse	Tracy Army Depot California	
USAR Training Building	Camp Parks CA	
McCarthy Creekside Warehouses	Fremont CA	

WORK EXPERIENCE

6/14-Present **CTE CAL Inc.**
Civil / Geotechnical Staff Engineer / Inspection Manager

Mr. Moore has over six years of construction special Inspection, geotechnical and construction engineering experience. Mr. Moore's duties include performing ICC Special Inspections of Reinforced Concrete, Prestressed Concrete, Structural Masonry, Structural Steel Bolting, Structural Steel Welding and Fireproofing inspections and NDT examination of welds on commercial, industrial, public works, military and high rise residential projects.

Additionally, Mr. Moore also performs investigations, including drilling, sampling and testing of soil deposits for structure foundation design, landslide evaluations, levee repairs, as well as observation and testing of soils during mass grading and utility backfill installations. Mr. Moore also qualifies welding procedures as well as welders in accordance with AWS and ASME. Lastly, Mr. Moore performs public works inspections, distressed concrete investigations as well as providing miscellaneous construction inspections for roofing, waterproofing, structural wood, and concrete floor slab flatness.

4/14-6/14 **City of Goleta**
Civil Engineering Intern

9/12-5/13 **Westmont College**
Electricity and Magnetism Grader

9/11-5/13 **Westmont College**
General Physics Tutor

Project Information and References – Exhibit D

DSA regulated projects and references

1. **Granada High School Athletics and Aquatics Renovation.**
   Livermore JVUSD – Kim McNeely, Bond Program Director 925-960-2913
   November 2017 to July 2020

2. **Livermore High School Aquatic Complex and New Gymnasium**
   Livermore JVUSD – Nick Olsen, Bond Program Administrator 925-960-2920
   May 2020 to Present

3. **Piedmont Middle School New Gymnasium Geotechnical Investigation**
   Kitchell CEM – Jim Wilson 408-605-7240
   October 2021

Similar Projects in Nature

1. **Santa Clara Valley Water District McKelvey Park Detention Basin**
   Santa Clara Valley Water District – Tim Bramer, PE 408-630-3794
   July 2021 to January 2022

2. **Sunnyvale Primary Treatment Facility**
   Overaa Construction – Larry Etcheverry 510-234-0926
   October 2018 to October 2019

3. **Central Industrial Center – Stockton CA**
   McShane Construction – Chris Larson 916-790-0780
   September 2021 to Present

Litigation History – Exhibit E

CTE CAL, Inc. has no record of any termination for default, termination for convenience, claims filed by or against in connection with any Public School Districts or litigation settled or judgements entered within the last 5 years. Also CTECAL, Inc. has no convictions for filing false claims within the past 5 years.

CNA Paramount Excess and Umbrella Liability
Policy Declarations

Schedule of Underlying Insurance

Underlying Insurer Policy Number Policy Period Note:	Underlying Insurance	Coverages	Limits of Insurance
National Fire Insurance Company of Hartford	General Liability	Each Occurrence Limit	$1,000,000
7012450526		General Aggregate Limit	$2,000,000
04/17/2022 to 04/17/2023		Per Location : yes	
		Per Project : yes	
		Products/ Completed Operations Aggregate Limit	$2,000,000
		Personal and Advertising Injury Liability Limit	$1,000,000
Continental Insurance Company	Auto Liability	Combined Single Limit	$1,000,000
7012450512			
04/17/2022 to 04/17/2023			

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Underlying Insurer **Policy Number** **Policy Period** **Note:**	**Underlying Insurance**	**Coverages**	**Limits of Insurance**
STATE COMPENSATION INSURANCE FUND 9295610 - 2021 04/17/2022 to 04/17/2023	Employers Liability	Bodily Injury by Accident- Each Accident Limit	$1,000,000
		Bodily Injury by Disease - Policy Limit	$1,000,000
		Bodily Injury by Disease - Each Employee Limit	$1,000,000

IN ANY JURISDICTION, STATE, OR PROVINCE WHERE THE AMOUNT OF EMPLOYERS LIABILITY INSURANCE PROVIDED BY THE UNDERLYING INSURER(S) IS BY LAW "UNLIMITED", THE UNDERLYING EMPLOYERS LIABILITY LIMIT(S) SHOWN IN THE ABOVE SCHEDULE DO NOT APPLY AND NO COVERAGE SHALL BE PROVIDED FOR EMPLOYERS LIABILITY UNDER THIS POLICY.

National Fire Insurance Company of Hartford 7012450526 04/17/2022 to 04/17/2023 Retroactive Date 04/17/2018	Employee Benefits Liability	Each Employee Limit	$1,000,000
		Aggregate Limit	$1,000,000

Notices

Notice to insurer

Address:	CNA Claims Reporting P.O. Box 8317 Chicago, IL 60680-8317
Fax #:	800-446-8632
Email Address:	HPReports@CNA.com

TED FISCHER
CYQ CAL, INC.
7-6-2022

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CTE CAL, Inc. Cost Estimate

Corral Hollow Elementary School

Jefferson School District

Schedule of Charges and Expenses

Work from 0-4 Hours	4-Hour Minimum Billing Per Task
Work from 4-6 Hours	6-Hour Minimum Billing Per Task
Work from 6-8 Hours	8-Hour Minimum Billing Per Task
Cancellation (Less than 24hr Notice)	2-Hour Minimum Billing
Work over 8 hours, First 8 hours on Saturdays	Time and One Half
Work over 12 hours Weekdays, over 8 hours on Saturdays, Sundays, & Holidays	Double Time
Trip Charge	See Cost Proposal
Swing/Graveyard Shift	15% Premium
Reimbursables	Cost plus 15%

- **No Added Equipment Charges (Included in Rates)**
- **No Fee for CTE Cal Standard Project Management (Included in Rates)**
- **No Fee for CTE Cal Standard Administrative Services (Included in Rates)**

CTE CAL,INC.

SACRAMENTO
3628 Madison Ave Ste 22
Sacramento CA 95660
Ph (916) 331 - 6030
Fax (916) 331 - 6037

FREMONT
46715 Fremont Blvd
Fremont CA 94538
Ph (510) 573 - 6262
Fax (510) 573 - 6684

MODESTO
4230 Kiernan Ave Ste 150
Modesto CA 95356
Ph (209) 543 - 1799
Fax (209) 543 - 1775

PW Corral Hollow Elementary School
7000 Coriander Street
Tracy, CA

Material Testing and Inspection Services

	Units	Unit Rate	Amount
Geotechnical Investigations			
Geotechnical Engineer Site Visits	20 ea	$130.00	$2,600
Estimated Subtotal for Geotechnical Investigations:			**$2,600.00**
Geotechnical			
Mass Grading Operations	240 hr	$112.00	$26,880.00
Lime Treatment for Builds. and Paving	128 hr	$112.00	$14,336.00
Utilities backfill compaction testing	400hr	$112.00	$44,800.00
Fine Grading Observation and Testing	40hr	$112.00	$4,480.00
Base Rock for AC Paving Compaction Testing	40hr	$112.00	$4,480.00
Flatwork Lime, Base Rock Compaction Testing	40hr	$112.00	$4,480.00
Laboratory:			
Earthwork samples and curve preparation	8 ea	$215.00	$1,720.00
Lime samples and curve preparation	4 ea	$215.00	$860.00
Estimated Subtotal for Geotechnical:			**$102,036.00**
Reinforced Concrete			
Concrete Mix Design Review	6 ea	$100.00	$600.00
Rebar Materials ID and sampling	100 hr	$75.00	$7,500.00
Batch Plant Inspection	40 hr	$75.00	$3,000.00
Concrete sampling building footings	80 hr	$103.00	$8,240.00
Concrete sampling vertical walls	12 hr	$103.00	$1,236.00
Concrete sampling slab on grade	120 hr	$103.00	$12,360.00
Concrete sampling piers and mis and upper deck infill	48 hr	$103.00	$4,944.00
Post Installed Anchor Inspection	40 hr	$103.00	$4,120.00
Post Installed Anchor Testing	40 hr	$103.00	$4,120.00
Laboratory:			
ASTM C39 Concrete Compression Sets of 4 - 150 sets	600 ea	$35.00	$21,000.00
Estimated Subtotal for Reinforced Concrete:			**$67,120.00**
HS Grout Sampling			
Grout Sampling	40 hr	$103.00	$4,120.00
Estimated total for HS grout sampling			**$4,120.00**
reinforcing Steel			
Rebar materials tagging of fabricated bars (concrete and CMU)	108 hr	$75.00	$8,100.00
Laboratory:			
Rebar Tensile & Bend Test #11 or smaller (concrete and CMU)	58 sets	$110.00	$6,380.00
Estimated Subtotal for Reinforcing Steel:			**$14,480.00**

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	Units	Unit Rate	Amount
Masonry			
CMU Block Sample and Tag (Material ID)	8 hr	$75.00	$600.00
CMU Grout Sampling	40hr	$126.00	$5,040.00
Masonry Inspection	120 hr	$126.00	$15,120.00
Laboratory:			
HS Grout Cube Compression Tests - 10 sets of 3	30 ea	$30.00	$900.00
CMU Sample Testing - 2 sets of 6	12 ea	$75.00	$900.00
Core sampling and testing - 5 sets 3	15 ea	$75.00	$1,125.00
		Estimated Subtotal for Masonry:	**$23,685.00**
Material ID and Tag	40hr	$75.00	$3,000.00
Shop Welding Inspection	160 hr	$75.00	$12,000.00
Field Welding Inspection	160 hr	$123.00	$19,680.00
		Estimated Subtotal for Structural Steel/Welding:	**$34,680.00**
Glu Lam Wood Inspection	160 hr	$150.00	$24,000.00
		Estimated Subtotal for Structural Wood:	**$24,000.00**
Sample PU of Concrete Cylinders	0 100 hr	$40.00	$4,000.00
Trip Charge - per visit	**389 ea**	$40.00	$15,560.00
		Estimated Subtotal for Project Management:	**$19,560.00**
Miscellaneous			
Final Affidavits (IVR and FVR)	4 ea	$200.00	$800.00
		Estimated Subtotal for Miscellaneous:	**$800.00**
		Estimated Project Total:	**$293,081.00**

Prop # 25-22-101 / 7-6-22

Ted Fischer
CTE CAL, INC.
7-6-2022