Proposal to Provide

Special Project Inspection Services



RFQ #111-21

Prepared for:

Newport-Mesa Unified School District
2985 Bear Street, Bldg. A
Costa Mesa, CA 92626
Attn: Jonathan Geisler,
Director of Purchasing & Warehouse

Proposal Prepared by:

C.E.M. LAB
(DSA CERTIFIED - SBE)

Teri A. Knoll, V.P., Director of Client Development
C.E.M. LAB
45 Post
Irvine, CA 92618
Phone Number: (949) 502-4130 Fax Number: (949)502-4131
Email: teri@cemlabcorp.com or tony@cemlabcorp.com

May 19, 2021

Mr. Jonathan Geiszler, Director of Purchasing & Warehouse
Newport Mesa Unified School District
2985 Bear Street, Bldg. A
Costa Mesa, CA 92626

Dear Mr. Geiszler:

C.E.M. LAB is pleased to submit this proposal in response to Newport-Mesa Unified School District's (District) RFQ for Special Project Inspection Services.

C.E.M. LAB has extensive experience working with many school districts and municipalities including several projects with **Newport Mesa Unified School District, South Orange County Community College District, Coast Community College District, Irvine Unified School District, Santa Ana Unified School District, and the Cities of Santa Monica, Mission Viejo, Montebello, and Downey,** among others. C.E.M. LAB has provided geotechnical investigation, observation and/or testing & inspection for several projects at **Corona del Mar High School, Newport Harbor High School and Horace Ensign Intermediate School.**

Following is C.E.M.'s proposal in the format required.

Teri A. Knoll (signer) has the authority to bind the company with the contents included in this proposal and quote and to enter into contract with the District. We thank you for the opportunity to submit this proposal and look forward to continuing to work with the Newport-Mesa Unified School District.

Sincerely yours,

Teri A. Knoll
V.P., Director of Client Development

Table of Contents

Cover Letter *i*

Table of Contents *ii*

Section 1 *Business Profile* *1*

1. *Legal Form / Location*
2. *Ownership Structure / History*
3. *Qualifications & Experience of Staff*
    a. *Project Team / Qualifications & Experience*
    b. *Resumés*

Section 2 *Experience* *5*

1. *Firm Experience*
2. *List of K-12 Projects*
3. *Project Team / Experience*
4. *Public Works Experience*
5. *List of NMUSD Contracts*

Section 3 *Project and Cost Management* *11*

1. *Hourly Staff & Service Rates*
2. *Approach to Project Management & Scheduling*
3. *Computer Project Management, Scheduling, Design*

Section 4 *Sub Consultants* *14*

Section 5 *References* *14*

Section 6 *Legal Issues* *14*

1. *Pending Legal Action*
2. *Settlements / Judgements*
3. *Description of Settlements / Judgement*

Section 7 Other Forms & Attachments 15

1. ***Attachment B – Certification / Request for Qualifications***
2. ***Attachment C – Statement of Experience & Financial Condition***
3. ***Attachment D***
4. ***Attachment E – Project Reference Form***
5. ***Attachment F – Statement of Non-Conflict of Interest***
6. ***Attachment G – Firm Proposal / Offer Form***
7. ***Attachment H - Non-Collusion Declaration***
8. ***ADDENDA - None***

SECTION 1: Business Profile

1. Legal Form / Location

C.E.M. LAB is a full-service DSA certified (LEA# 190) material testing, and inspection laboratory and geotechnical engineering firm that provides material testing and inspection and geotechnical engineering services in Orange, Riverside, San Diego, and San Bernardino counties.

C.E.M. LAB was founded in 1995 and incorporated as a S Corporation in 2002 (C2482089).

C.E.M. LAB is located at 45 Post, Irvine, CA, 92618.

2. Ownership Structure / History

C.E.M. LAB is a full-service DSA certified (LEA# 190) material testing, and inspection laboratory and geotechnical engineering firm that has been providing material testing and inspection and geotechnical engineering services for public and private sector clients for 26 years. C.E.M. was founded in 1995 and incorporated in 2002 (C2482089).

Our staff consists of inter-disciplinary licensed inspectors, licensed engineers, ACI certified field technicians, ACI certified laboratory technicians, and support staff. Our DSA certified deputy inspectors are all certified in multiple fields, which enable them to offer **cost effective service** on site. C.E.M. LAB offers the full range of **geotechnical engineering, investigation, observation, material testing and inspection** including concrete, wood, soils, masonry, rebar, roofing, welding, and steel as outlined in the Scope of Work.

C.E.M. LAB has extensive experience working with many school districts and municipalities including several projects with **Newport Mesa Unified School District, South Orange County Community College District, Coast Community College District, Irvine Unified School District, Santa Ana Unified School District, and the Cities of Santa Monica, Mission Viejo, Montebello, and Downey,** among others. C.E.M. LAB has provided geotechnical investigation, observation and/or testing & inspection for several projects at **Corona del Mar High School, Newport Harbor High School and Horace Ensign Intermediate School.**

C.E.M. stands above other firms in many ways. C.E.M. is a certified Small Business Enterprise (SBE#55072). C.E.M. maintains a low-overhead and avoids excessive management costs which allow us to provide excellent and timely service at competitive rates – often **under budget**. C.E.M. has extensive experience in plan review assessments, preparing reports, and work with project teams.

C.E.M. has extensive experience working on **DSA** school projects. One of our strengths is our reporting procedures. C.E.M. provides project supervisors with ***instant*** **access** to inspection reports through the DSA Box and via email. All inspection records and images from various stages of construction, including project's Final Verified Reports are archived on our secured servers.

Materials Inspection & Testing Services – C.E.M. LAB is a **professional firm experienced and prepared to provide continuous and periodic inspections and testing in accordance with the DSA requirements and the project specifications.** To maintain continuity, inspectors will always remain with a project for its duration, regardless of interruptions that may occur. Our highly qualified team of engineers and field technicians has in-depth knowledge and years of experience related to a wide range of issues critical to any project. Our team consists of CWI, DSA Masonry, ACI & ICC certified field technicians, ACI certified laboratory technicians, and support staff. We will provide all testing and inspections services outlined in the scope of work including inspection of concrete, soils, pavement, masonry, roofing, fireproofing, masonry, post installed anchors, steel, welding, nondestructive testing, and all required laboratory testing.

All soils and materials testing are conducted in-house at our local state of the art laboratory. All inspection and materials testing services will be performed in accordance with the applicable building codes [California Building Code] (CBC) and in accordance with all other guidelines including CDMG procedures outlined in applicable publications, and the American Society for Testing and Materials (ASTM Practice E 1527) Standards, as appropriate. C.E.M. understands and complies with all applicable Health and Safety laws, guidelines, and requirement including Cal/OSHA Title 8, the EPA (Environmental Protection Agency), the Education Code, the CDE (California Department of Education), the DTSC (Department of Toxic Substances Control), and the California Division of State Architect (DSA) regulations, and local ordinances and/or other applicable zoning or planning ordinances/regulations, relative to the work to be undertaken. Inspection and testing services are available for all Soils and Geotechnical areas, Masonry, Welding, Steel Structure, Fire Proofing, Concrete, Shotcrete, Post Tension, Epoxy, Grading, Bolting, Smoke Control, Component Installation, and Commissioning Testing, among others. C.E.M.'s services will meet all the aforementioned requirements as set by the applicable codes and regulations and all other applicable ordinances and guidelines.

C.E.M. staff will work closely with the project design team throughout the course of the project to provide conclusions, recommendations, and design criteria as needed. After the work is complete, a final report will be submitted containing the pertinent field and laboratory data, findings, conclusions, and recommendations. This report will be prepared in strict adherence with the applicable codes and requirements.

Geotechnical Services - C.E.M. LAB is a **full-service geotechnical firm providing engineering, investigation, analysis, and observation.** Our team is comprised of leading engineers, geologists, and other dedicated professionals. Our experienced staff provides field exploration and laboratory testing to evaluate the subsurface conditions at a wide variety of sites. All soils and materials testing are conducted in-house at our local state of the art laboratory. Soils testing is performed in correlation with the field investigation for the analysis of soil conditions and characteristics relative to the recommended geotechnical design engineering. C.E.M. field technicians will conduct geotechnical observation and testing during the construction phase to verify that construction activities conform to approved project plans and specifications. C.E.M.'s field technicians observe, test, document and report on work performed by contractors involved in earthwork grading and all other construction activities. Our laboratory is equipped to perform tests to evaluate: Atterberg Limits, Grain size/gradation analysis, Maximum density/optimum moisture values, Field Moisture Density Test (Sand Cone and Nuclear Gauge Methods), Expansion index, Soluble sulfates, Corrosion suite, R-Value, Direct Shear, Consolidation, Collapse, Field wet density, sieve analysis, sand equivalent, cleanness value, among others.

Our engineers also have extensive experience performing geotechnical **analysis** and providing **design** recommendations to meet the needs of wide range of project types from commercial developments to street improvement. Specific analytical and design capabilities include foundation design including settlement evaluation; Slope stability analysis; Permanent and temporary retaining structures; Seismic analysis including liquefaction and seismic settlement; Seismic ground response analysis; and Ground improvement, among capabilities.

Geotechnical **observation** is an integral part of any project as it ensures adherence to the geotechnical design recommendations and project specifications. Once construction on a project begins, our team of highly qualified field technicians can provide geotechnical observation and testing during all relevant activities. Our engineers understand the importance of communication during construction and work closely with our technicians to provide seamless testing and engineering services. Our state-of-the-art laboratory ensures quick turnaround and allows our staff to provide closely monitored quality control at all times. We also have experience meeting the special needs of stringent agencies such the Division of the State Architect (DSA), State Department of Conservation, California Geological Survey, and other regulatory agencies.

3. Qualifications & Experience of Staff

a. Project Team / Qualifications & Experience

Name and Service Provided	Contractual Role & Responsibility	Qualifications	Experience
Tony Binaei Principal Civil Engineer President	CEM LAB Principal Engineer Project Executive	RCE50028 CSU, Long Beach, 1991 M.S., Civil Engineering	26 years' experience managing projects with public works & educational facilities including for Newport Mesa Unified School District, South Orange County Community College District, Coast Community College District, Irvine Unified School District, Santa Ana Unified School District, and the Cities of Santa Monica, Mission Viejo, Montebello, and Downey, among others.
Mohammad Joolazadeh Principal Geotechnical Engineer	CEM LAB Senior Geotechnical Engineer	GE 2199 RCE43474 University of Idaho, 1980 M.S., Geotechnical Engineering,	31 years' experience providing geotechnical services for projects with public works & educational facilities including for Newport Mesa Unified School District, South Orange County Community College District, Coast Community College District, Irvine Unified School District, Santa Ana Unified School District, among others.
Mehrdad Gangi Soils Engineering	CEM LAB Deputy Inspector	Cal Poly Pomona, 2001 B.S., Construction Engineering Technology	19 years' experience providing geotechnical and geological services for all phases of civil engineering projects.
Jeremy Fields Concrete Inspection & Skylight Load / Post-Installed Anchor Testing	Deputy Inspector	City of Tustin Building Dept. #82223917 ACI 01196716 ICC 8223917	19 year's experience as deputy inspector on K-12 and other public works projects, specializing in concrete inspection.
Nathan Tsai CWI Welding & NDT Inspection	CEM LAB CWI Certified Welding & NDT Inspector	CWI 04070361 UT Level I/II Cal State Los Angeles, BSME, 1987	24 year's experience as deputy inspector on K-12 and other public works projects, specializing in CWI welding and NDT inspection.
Sandra Ramsdell Masonry Inspection	Deputy Inspector	DSA – 5325 ICC 5259933	10 year's experience as deputy inspector on K-12 and other public works projects, specializing in masonry inspection
Tim Tully Steel Inspection (Available for Off Site) Welding Inspection/N.D.T	Steel Inspector	AWS CWI 03081191	26 year's experience as deputy inspector on K-12 and other public works projects, specializing in CWI welding and NDT inspection
Monty Morris Steel Inspector (Available for Off Site) Welding Inspection/N.D.T	Deputy Inspector	AWS CWI 91010861 ASNT Level III 108144 ICC 395200	36 year's experience as deputy inspector on K-12 and other public works projects, specializing in steel inspection
Cole Pattschull Field Technician Services	CEM LAB Laboratory Technician	ACI Certified Field Technician 01387858	5 year's experience as field and laboratory technician

b. Resumés

(See following pages)

Tony Binaei, P.E.
Principal Engineer

EDUCATION

CALIFORNIA STATE UNIVERSITY @ LONG BEACH
Long Beach, California
M.S. Geotechnical Engineering (1992)

UNIVERSITY OF KENTUCKY
Lexington, Kentucky
B.S. Civil Engineering (1986)

PROFESSIONAL REGISTRATIONS

State of California, Civil Engineer, 50028
International Code Council, Reinforced Concrete, 802-876-64-48
American Concrete Institute, 01037629

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers
American Society for Testing & Materials (ASTM)
American Association of State Highway & Transportation Officials
Cement and Concrete Reference Laboratory

PROFESSIONAL EXPERIENCE SUMMARY

Mr. Binaei has over 25 years of material testing and inspection experience. He has worked on and managed a wide range of projects, including educational institutions, residential and commercial developments, health organizations, and public works facilities. Additionally, he has managed and participated in numerous public works projects during his years with the County of Orange as a project engineer. As principal engineer and President of C.E.M. LAB, his specific responsibilities include project management, contract preparation and administration, financial planning, and the development of quality assurance programs.

PAST CLIENTS INCLUDE

South Orange County Community College District, Coast Community College District, Rancho Santa Ana Community College District, Newport Mesa Unified School District, Irvine Unified School District, Tustin Unified School District, Santa Ana Unified School District, Magnolia School District, Garden Grove Unified School District, The Irvine Company, Irvine Pacific, Brookfield Homes, KB Homes, MBK Homes, The New Home Company, Toll Brothers, Lennar, K Hovnanian, and several municipalities including Santa Monica, Downey, and Riverside.

Mohammad Joolazadeh P.E., G.E., 2199
Principal Geotechnical Engineer

EMPLOYMENT HISTORY

2009 - Present	Principal Engineer Civil Engineering Material Laboratory, Inc. Irvine, California
1987 - 2009	Senior Vice President/ Principal Engineer AMERICAN GEOTECHNICAL, INC. Yorba Linda, California
1981 - 1987	Senior Engineer HARDING, LAWSON ASSOCIATES Tustin, California

EDUCATION

The California State Polytechnic University, Pomona
(Cal Poly Pomona)
Advanced Certificate in Construction Management (2010)

UNIVERSITY OF IDAHO
Moscow, Idaho
M.S. Geological Engineering (1980)

PAHLAVI UNIVERSITY
Shiraz, Iran
B.S. Geology (1977)

PROFESSIONAL REGISTRATIONS

State of California, Geotechnical Engineer, 2199
State of California, Civil Engineer, 43474
State of Arizona, Civil Engineer, 30739
State of Nevada, Civil Engineer, 12622

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers
Earthquake Engineering Research Institute
Deep Foundations Institute
American Society for Testing & Materials (ASTM)
Post-Tension Institute
California Geotechnical Engineers Association

PROFESSIONAL EXPERIENCE SUMMARY

Mr. Joolazadeh has over twenty-eight years of geotechnical engineering experience. He has worked on and managed a wide range of projects, including residential and small commercial developments, heavy industrial facilities, ports and harbors, tank farms, educational institutions, health organizations, and correctional facilities. Additionally, he has managed and participated in numerous forensic evaluations throughout the states of California, Nevada, and Arizona. His administrative responsibilities have included business planning, as well as technical, professional, and marketing duties. Specific responsibilities include contract preparation and administration, financial planning, and the development of quality assurance programs.

MEHRDAD GANJI

FIELD ENGINEER AND SENIOR GEOTECHNICAL TECHNICIAN

EDUCATION

Bachelor of Science, Construction Engineering Technology 2001 (Civil)
California State Polytechnic University, Pomona
Caltrans Test Method passed on CTM 105, 106, 125, 201, 202, 216, 216, 226, 231, 375, 533, 539, 540, 556, 557 for laboratory and field
ACI Concrete Field Testing Technician Grade I (ID# 01058241)
Nuclear Gauge Certified (CA 5634-07)
40-Hour HAZWOPER Health and Safety Certificate
U.S. ARMY CORPS OF ENGINEERS Certificate
8-Hour HAZWOPER Health and Safety Refresher

EXPERIENCE

SOILS ENGINEER
C.E.M. LAB, Irvine, CA **2010- Present**

SENIOR FIELD TECHNICIAN
TETRA TECH Company. Diamond Bar, CA **2010- 2013**

SENIOR FIELD TECHNICIAN
Willdan Geotechnical, Inc. Anaheim, CA **2009-2013**

SENIOR FIELD TECHNICIAN/FIELD ENGINEER
Hushmand Associates, Inc. Irvine, CA **2007 - 2013**

FIELD TECHNICIAN **2003 - 2007**
Geo Environmental Resources, Inc. Anaheim, CA

ENGINEER ASSISTANT **2001 - 2003**
Coast Engineering. Anaheim, CA

STUDENT ASSISTANT **1996 - 2001**
California Department of Transportation (Caltrans). Irvine, CA

ADDITIONAL WORK PERFORMED DURING MY EMPLOYMENT

- Performed field exploration using hollow stem auger to obtain soil samples for geotechnical evaluation. Provided soil classification and logging.

- Engineered the following engineering design; calculation including pavement design, foundation design, and retaining wall design.

- John Laing Homes (Sienna Ridge, Santa Clarita, CA)
- Tilt-up Concrete warehouse (Santa Fa Spring, CA)
  Managed overseeing the contractors. Responsible for technical support and field Testing and backfilling from start to finish.

Jeremy P. Fields

jpaulf74@hotmail.com
949-394-4552

QUALIFICATIONS

- **Reinforced Concrete Special Inspector-** ICC certified #8223917 / ACI Field Tech Certified #01196716
- **DSA Certified Masonry Inspector** – DSA #6122
- **Fireproofing Inspector –** ICC certified #8223917
- **Journeyman Cement Finisher-** Placement and finish of all types of concrete, flat and vertical, grading, form setting, and equipment operation
- **Journeyman Carpenter**- Form setting and structural wood framing
- **Office Skills**- Proficient in Microsoft Word and Excel, Lotus notes, and Quick books.

PROFESSIONAL EXPERIENCE

Deputy Inspector	May 2014- present, Reinforced Concrete, Chemical Anchorage, Shotcrete
Team Finish	Oct 2007- May 2014, Cement Mason, Equipment operator, office
PMC Concrete Construction	Oct 1999-Sept 2007 Cement Mason, Equipment operator, office, Set up, material job cost estimation
Viloria Framing	1997-1998, Carpenter, framing of residential housing
BCI Framing & Drywall	1996-1998, Carpenter, framing of residential housing, drywall / texture installation,

EDUCATION

ICC - Reinforced Concrete Special Inspector
ACI - Concrete Field Testing Technician, Grade 1
ACI - Certified Concrete Flatwork Finisher

*Reference contact numbers furnished upon request

NATHAN TSAI

OBJECTIVE

Special inspector works for CWI/MT/UT inspections.

EDUCATION

TEST NDT

Course Completed: Ultrasonic Testing Level I/II (8/26/02 – 8/30/02)
Course Completed: Magnetic Particle Testing Level I/II (9/23/02 – 9/25/02)

CALIFORNIA POLYTECHNIC STATE UNIVERSITY, POMONA

Major Electrical and Computer Engineering
Minor Mathematics
Degree BSEE

QUALIFICATIONS

Certified Welding Inspector (CWI) per American Welding Society (AWS)
Certified Level II – Ultrasonic Testing (UT) per ASNT-TC-1A and CP-189
Certified Level II – Magnetic Particle Testing (MT) per ASNT-TC-1A and CP-189
Certified Structural Steel and Bolting Inspector per International Code Council (ICC)
Certified Structural Welding Inspector per International Code Council (ICC)

WORK EXPERIENCE (CWI Inspection)

08/13 – Present **Corona Del Mar HS – Theater Complex** Newport Beach, CA
- Performed visual observation of erection and welding of structural steel building. Reviews WPS, welder certifications, project specifications and structural plans and collects materials samples.

12/12 – 08/13 **Corona Del Mar HS – M.S. Enclave** Newport Beach, CA
- Performed visual observation of erection and welding of 2 structural steel building. Reviews WPS, welder certifications, project specifications and structural plans and collects materials samples.

08/12 – 12/12 **San Bernardino New Courthouse** San Bernardino, CA
- Performed ultrasonic testing (UT) on RBS moment connections to box columns and magnetic particle testing (MT) on cover pass, backgauged and run-off tabs.

02/12 – 06/12 **Rose Bowl Renovation** Pasadena, CA
- Performed visual observation of shake out and puddle welds metal decking to WF beams. Observed and tested nelson studs and deformed bars on each floor. Also, observed installation of structural stairs on each floor.

04/10 – 10/11 **John Wayne Terminal C** Santa Ana, CA
- Performed ultrasonic testing (UT) on RBS moment connections and magnetic particle testing (MT) on backgauged and run-off tabs. Observed metal studs framing on walls, elevators, soffits, parapets and column enclosures. Involve with QA and county inspector on inspection walks.

02/10 – 04/10 **South Los Angeles High School #3** Los Angeles, CA
- Performed ultrasonic testing (UT) on RBS moment connections and magnetic particle testing (MT) on backgauged and run-off tabs.

12/09 – 01/10 **Palmdale Medical Center** Palmdale, CA
- Performed visual observation of column's jacket to concrete columns. Performed MT on fillet welds of stiffener plates to column's jackets.

06/09 – 12/09 **Arcadia Methodist Hospital** Arcadia, CA
- Performed visual observation of RBS moment connection. Performed UT on CJP welds and lamination check. Performed MT on root pass, backgauged and run-off tabs.

01/09 – 06/09 **Valley Region Elementary School #10** Winnetka, CA
- Performed visual observation of erection and welding of 3 structural steel building. Reviews WPS, welder certifications, project specifications and structural plans and collects materials samples.

06/08 – 01/09 **Palomar Medical Center West** Palomar, CA
- Performed visual observation on Side Plate columns and beams. Performed UT on base plate to column and lamination check. Performed MT on cascade fillet welds on Side Plate beams and Side Plates beams to Side Plate column.

11/07 – 05/08 **Regional Medical Center Hospital** San Jose, CA
- Performed visual observation on Side Plate columns and beams. Performed UT on base plate to column and lamination check. Performed MT on cascade fillet welds on Side Plate beams and Side Plates beams to Side Plate column.

08/07 – 10/07 **Mill Peninsula Hospital** Burlingame, CA
- Performed visual observation on truss and columns fabrications. Performed UT continuity plates to columns. Performed MT on welds tabs, K areas and welds access holes.

Sandra Ramsdell

909-227-3171
ICC # 5259933

ICC Certifications:
Special Inspector Reinforced Concrete
Special Inspector Structural Masonry
Special Inspector Fireproofing
DSA Masonry Inspector # 5325
Also ACI Field Technician Grade 1

Education:
Larsen Inspection Training, Norco Ca
Gary Larsen Instructor

Qualifications:
Working steadily for the past 8 years as a Reinforced Concrete & Structural Masonry Inspector. I also work as a Fireproofing and Batch plant Inspector.
Over 3 years in pool industry as scheduler & Supervising excavation and steel crews.
Well organized, highly responsible.
Strong communication skills

Example Projects:
Masonry: Toys R' Us, Babies R' Us, Party City, Levitz, Various Retail Shops. The Irvine Co. Bacchus Office Park, Bacchus Signature Series.
Concrete: St. Jude Heritage Medical Office, Various Tilt up Projects. San Bernardino Co. Riverside Co. Valley View Casino, San Diego Co. Various projects at Disneyland Resort & Hotels.
Fireproofing: Palm Desert H.S., Rancho Mirage H.S. Home Garden E.S., Disneyland Convention Center
DSA Masonry: Yorba Linda H.S., Palm Desert H.S., Rancho Mirage H.S., Esperanza H.S., PSUSD District Service Center, Santa Ana College

References:
Kamel Tadros, DSA Class-1 Project Inspector at Santa Ana Community College. kameltadros@gmail.com 213-494-7919

Don Preuitt, DSA Class-1 Project Inspector at El Toro High School. dinspector@sbcglobal.net 909-553-3347

Mark Stapleton, DSA Class-1 Project Inspector at Rancho Mirage High School. 760-265-9652

Tim Tully

11251 Pinon Ave
Hesperia, CA 92345
Cell 909-630-8743
inspectortully@gmail.com

HIGHLIGHTS

AWS CWI Welding Inspector since August 2003

10 years prior experience as a Welder/Iron Worker in Structural Steel

AWS Welding License for Manual and Semi-Automatic Welding Processes

LA City Welding License for Manual and Semi-Automatic Welding Processes

OTHER BENEFICIAL ATTRIBUTES

Professional Attitude with Strong Work Ethics

Honesty and Integrity in my Personal and Professional Life

Dependable, Well Organized, and Detail Oriented

REFERENCES

Krazan & Associates, Inc.

Contact: Larry Burns

661-837-9200

Independent Solutions

Contact: Vicki Williford

951-674-3222

C.E.M. Lab Corp.

Contact: Tony Binaei

949-502-4130

Apex Testing Laboratories

Contact: Nadia Fallaha

415-550-9800

MONTY MORRIS

1520 SPRUCE STREET #2
SOUTH PASADENA, CA. 91030
(626) 688-7922

Summary

Over 36 years experience in Quality Control/Quality Assurance involving Welding, N.D.T./Non-destructive Testing, Structural Steel/High-Strength Bolting and Reinforced Concrete inspections. Duties were performed for both domestic and foreign/overseas project locations involving various industries including: Shop Steel Fabrication, Structural Steel Erection and Welding, Transportation, Bridges, High-Rise, Institutional, Commercial, Nuclear Power Generation, Utilities, Petroleum, Theme Park, and Aerospace.

Certifications:

AWS CWI; Certified Welding Inspector # 91010861
American Welding Society
ASNT Level III # 108144 in U.T., M.T., and P.T. (Ultrasonic, Magnetic Particle, Liquid Penetrant)
American Society for Nondestructive Testing (from 6/1990-6/1995; 2/2001-2/2011; & 5/2013 to present)
ICC Structural Steel Welding and Bolting Special Inspector #395200
International Code Council

Licenses/Registrations:

Los Angeles County Deputy Inspector for Structural Steel & Welding
Long Beach City Deputy Structural Steel Welding and Bolting

Professional Experience:

8/2000 to present — **M. Morris Inspections, Inc.**
Quality Control, Quality Assurance, Structural Steel/Welding and NDT subcontract and contract inspections/services for structural projects which include among others: hospitals, schools, commercial and governmental buildings, petrochemical, and transportation. Notable recent projects include: Saddleback College Science Bldg.; Wilson Elementary School; East Los Angeles College Student Center and Bookstore; Mesa College Math & Science Bldg.; Irvine Valley College Life Sciences Bldg.; GSA Los Angeles Federal Office Bldg.;

3/2013 to 7/2013 — **Caltrop Corp.**
Quality Assurance CWI/NDT verification inspections of final phase of construction of the self-anchored suspension span portion of the new San Francisco-to-Oakland Bay Bridge. Included both Bridge jobsite and fabrication-shop inspections of structural revision retrofit of faulty/damaged support members of East pier saddle as well as structural components of the Tower elevator.

4/1998 to 8/2000 and 1/95 to 2/95 — **Koury Engineering & Testing**
Quality Control and NDT inspections involving Structural Welding and High-Strength Bolting as well as Reinforced Concrete. Projects, among others include: Domestic and Foreign structural fabrication-shop welding; Seismic structural building retrofit; Multi-story housing; Shopping mall expansion; Business-park 'tilt-up' style buildings; Refinery reformer-furnace replacement. Welding and High-Strength Bolting inspection of Wilmington refinery new structural piperacks.

1/1996 to 12/1997 — **Parsons Overseas Co.**
Foreign Quality Assurance/Quality Control inspections, consultation, technology transfer, and training for a major Asian corporation's projects within the Republic of South Korea. Performed site project and fabrication shop inspection, evaluation, and qualification of subcontractors. Provided support for furthering Korean contractor's Quality and Safety enhancement program. Projects included; large scale state-of-the-art computer memory chip fabrication facility; National Cooperative Federation 20-story office tower and warehouse; Corporate 21-story office tower and subterranean parking structure.

Cole
Patschull
34 Evening Lane
Aliso Viejo, CA
92656
(949) 436-2443

Education: High School Diploma, Aliso Niguel High School, 2015

Licenses:

ACI Field Technician Certification
License Number: 01387858

ACI Laboratory Technician Certification
License Number: 01387858

ICC Concrete Certification
License Number: in process

Work History:

2016 to Present — CEM Laboratory, Field Technician

Performed geotechnical observation during grading operations, including sampling, probing, and testing of subgrades, foundations, utility trenches, curbs, gutters, sidewalks, and street base sections. Performed slump, temperature, and air content tests of composite samples and fabricated concrete cylinders for deputy inspectors. Performed measurement, capping, and compressive strength tests on concrete and masonry samples in the laboratory.

SECTION 2: Experience

1. Firm Experience

C.E.M. has over **twenty years of experience** in both the new construction and modernization of educational facilities. This extensive experience includes providing materials testing & inspection and geotechnical investigation and observation services for several college educational facilities at two large community college districts: **South Orange County Community College District, and Coast Community College District**. C.E.M also has extensive experience with K-12 School districts including **Newport-Mesa Unified School District**, **Garden Grove Unified School District, Irvine Unified School District, Magnolia School District, Santa Ana Unified School District, and Jurupa Unified School District.** In the next section, ten of C.E.M.'s recent projects are listed:

2. List of K-12 Projects

Athletic Field @ Corona del Mar High School – (NMUSD)
Scope of Work: C.E.M. provided geotechnical observation and materials testing & inspection service for the new construction of this sports field.
Client: Newport-Mesa Unified School District
Contact: Mark Manstof, Facilities Analyst, NMUSD
Tel: 949/445-0075
Email: mmanstof@nmusd.us

Solar Parking Lot Structures @ Irvine High School – (IUSD)
Scope of Work: C.E.M. provided geotechnical observation and materials testing & inspection service for the new construction of these structures.
Client: Irvine Unified School District
Contact: Ed Hernandez, Supervisor, Construction Services, IUSD
Tel: 949/936-5382
Email: edhernandez@iusd.org

Solar Parking Lot Structures @ Capistrano Unified School District, District Offices – (CUSD)
Scope of Work: C.E.M. provided geotechnical observation and materials testing & inspection service for the new construction of these structures.
Client: Capistrano Unified School District
Contact: Leslie Knittle, Account Clerk III, Facilities, CUSD
Tel: 949/234-9200
Email: keknittle@capousd.org

Restroom Modernization @ Horace Ensign Middle School – (NMUSD)
Scope of Work: C.E.M. provided geotechnical observation and materials testing & inspection service for the renovation of this restroom facility.
Client: Newport-Mesa Unified School District
Contact: Mark Manstof, Facilities Analyst, NMUSD
Tel: 949/445-0075
Email: mmanstof@nmusd.us

Davidson Football Field @ Newport Harbor High School – (NMUSD)
Scope of Work: C.E.M. provided geotechnical observation and materials testing & inspection service for the modernization of this sports field.
Client: Newport-Mesa Unified School District
Contact: Mark Manstof, Facilities Analyst, NMUSD
Tel: 949/445-0075
Email: mmanstof@nmusd.us

Fine Arts Building @ Corona del Mar High School – (NMUSD)
Scope of Work: C.E.M. provided geotechnical observation and materials testing & inspection service for the new construction of this building.
Client: Newport-Mesa Unified School District
Contact: Mark Manstof, Facilities Analyst, NMUSD
Tel: 949/445-0075
Email: mmanstof@nmusd.us

Classroom Buildings @ Corona del Mar High School – (NMUSD)
Scope of Work: C.E.M. provided geotechnical observation and materials testing & inspection service for the new construction of these buildings.
Client: Newport-Mesa Unified School District
Contact: Mark Manstof, Facilities Analyst, NMUSD
Tel: 949/445-0075
Email: mmanstof@nmusd.us

High School Classroom Addition @ Irvine High School – (IUSD)
Scope of Work: C.E.M. provided geotechnical observation and materials testing & inspection service for the modernization and expansion of this classroom building.
Client: Irvine Unified School District
Contact: Ed Hernandez, Supervisor, Construction Services, IUSD
Tel: 949/936-5382
Email: edhernandez@iusd.org

Parking Lot Improvement @ Corona del Mar High School – (NMUSD)
Scope of Work: C.E.M. provided geotechnical observation and materials testing & inspection service for improvement of this parking lot.
Client: Newport-Mesa Unified School District
Contact: Mark Manstof, Facilities Analyst, NMUSD
Tel: 949/445-0075
Email: mmanstof@nmusd.us

Onclave Building @ Corona del Mar High School – (NMUSD)
Scope of Work: C.E.M. provided geotechnical observation and materials testing & inspection service for this building.
Client: Newport-Mesa Unified School District
Contact: Mark Manstof, Facilities Analyst, NMUSD
Tel: 949/445-0075
Email: mmanstof@nmusd.us

3. Project Team / Experience

Our qualified project team consists of experienced licensed engineers and geologists, inter-disciplinary licensed inspectors, ACI & ICC certified field technicians, ACI certified laboratory technicians, and support staff. Our special inspectors are all certified in multiple fields, which enable them to offer cost effective service on site. All staff have knowledge and understanding of codes, major services and activities required to perform the services requested. Our inspectors and project supervisors have experience ranging from 15 to 42 years. **Tony Binaei will serve as Lead Project Manager and will be responsible for working with the District.**

Name and Service Provided	*Contractual Role & Responsibility*	*Qualifications*	*Experience*
Tony Binaei Principal Civil Engineer President	CEM LAB Principal Engineer Project Executive	RCE50028 CSU, Long Beach, 1991 M.S., Civil Engineering	26 years' experience managing projects with public works & educational facilities including for Newport Mesa Unified School District, South Orange County Community College District, Coast Community College District, Irvine Unified School District, Santa Ana Unified School District, and the Cities of Santa Monica, Mission Viejo, Montebello, and Downey, among others.
Mohammad Joolazadeh Principal Geotechnical Engineer	CEM LAB Senior Geotechnical Engineer	GE 2199 RCE43474 University of Idaho, 1980 M.S., Geotechnical Engineering,	31 years' experience providing geotechnical services for projects with public works & educational facilities including for Newport Mesa Unified School District, South Orange County Community College District, Coast Community College District, Irvine Unified School District, Santa Ana Unified School District, among others.
Mehrdad Gangi Soils Engineering	CEM LAB Deputy Inspector	Cal Poly Pomona, 2001 B.S., Construction Engineering Technology	19 years' experience providing geotechnical and geological services for all phases of civil engineering projects.
Jeremy Fields Concrete Inspection & Skylight Load / Post-Installed Anchor Testing	Deputy Inspector	City of Tustin Building Dept. #8223917 ACI 01196716 ICC 8223917	19 year's experience as deputy inspector on K-12 and other public works projects, specializing in concrete inspection.
Nathan Tsai CWI Welding & NDT Inspection	CEM LAB CWI Certified Welding & NDT Inspector	CWI 04070361 UT Level I/II Cal State Los Angeles, BSME, 1987	24 year's experience as deputy inspector on K-12 and other public works projects, specializing in CWI welding and NDT inspection.
Sandra Ramsdell Masonry Inspection	Deputy Inspector	DSA – 5325 ICC 5259933	10 year's experience as deputy inspector on K-12 and other public works projects, specializing in masonry inspection
Tim Tully Steel Inspection (Available for Off Site) Welding Inspection/N.D.T	Steel Inspector	AWS CWI 03081191	26 year's experience as deputy inspector on K-12 and other public works projects, specializing in CWI welding and NDT inspection
Monty Morris Steel Inspector (Available for Off Site) Welding Inspection/N.D.T	Deputy Inspector	AWS CWI 91010861 ASNT Level III 108144 ICC 395200	36 year's experience as deputy inspector on K-12 and other public works projects, specializing in steel inspection
Cole Pattschull Field Technician Services	CEM LAB Laboratory Technician	ACI Certified Field Technician 01387858	5 year's experience as field and laboratory technician

The following projects (in chronological order) were completed by project team members when employed by C.E.M. LAB:

PUBLIC SCHOOL PROJECTS	LOCATION
ATAS Building	Saddleback College
Athletic Field	Corona del Mar High School
Building B200, 2nd Year Renovation	Irvine Valley College
Tennis Court Facility	Saddleback College
Building B200, Ist Year Renovation	Irvine Valley College
Site Improvements & Athletic Design-Build Project	Saddleback College
Health Science Building & District Office	Saddleback College
Solar Parking Lot Shelters	Irvine High School
Solar Parking Lot Shelters	Northwood High School
Solar Parking Lot Shelters	Stonegate Middle School
Solar Parking Lot Shelters	Capistrano Unified School District Offices
Solar Parking Lot Shelters	Dana Point High School
Restroom Modernization	Horace Ensign Intermediate School

First Building	Irvine Valley College
Building B230	Irvine Valley College
ATEP Infrastructure Project	Tustin
Bleacher Replacement Gymnasium & Baseball Stadium	Saddleback College
ATEP Building	Tustin
Davidson Football Field	Newport Harbor High School
Monument Signs Replacement Project	Saddleback College
Science Building	Saddleback College
Liberal Arts Building (A400)	Irvine Valley College
Solar Power Generating Photovaltaic System	Irvine Valley College
Maintenance & Facilities Building	Saddleback College
Fine Arts Building	Corona del Mar High School
Performing Arts Center	Irvine Valley College
Classroom Buildings	Corona del Mar High School
Great Lawn Clock Tower	Irvine Valley College
High School Classroom Addition	Irvine High School

4. Public Works Experience

C.E.M. LAB has **extensive experience providing materials testing services and geotechnical services for school districts, municipalities, and public works projects.** As such, C.E.M. LAB has developed and utilized procedures to successfully manage projects and to ensure that they are completed in conformance with all regulatory agencies including the Division of State Architect (DSA), California Building Code, California Geological Survey, and others. Testing is performed by trained and certified inspectors, as well as technicians in accordance with Title 24, California Code of Regulations and Instructions on Division of the State Architecture (DSA), Structural Tests and Inspections form SSS 103-1 and the conditions included in the scope of work. C.E.M. provides its services per relevant American Society for Testing and Materials (ASTM), American Association of State Highway and Transportation Officials (AASHTO), and California Test Methods (CTM). C.E.M. understands and complies with all applicable Health and Safety laws, guidelines, and requirement including Cal/OSHA Title 8, the EPA (Environmental Protection Agency), the Education Code, and the CDE (California Department of Education) regulations, and local ordinances.

C.E.M. LAB has extensive experience working on DSA school projects with California Building Code Standards. With the DSA requirement of daily electronic reporting, C.E.M. is ahead of the curve with its electronic reporting system. We submit reports immediately to the DSA drop box. C.E.M. also provides project supervisors with ***instant*** **access** to inspection reports through a personalized online account on our website (www.cemlabcorp.com). All field inspectors are equipped with lap computers to facilitate immediate remote reporting. Reports are also immediately emailed to all members of District's distribution list and submitted to the DSA. Each representative on District's project distribution list will have access to daily records (by email and online). All inspection records and images from various stages of construction, including project's Final Verified Reports are archived on the District's password-secured online account. At the close out of the project, C.E.M. provides the Final Verified Report (DSA 291, 292 and 293) to the District and to the DSA Regional Office.

5. List of NMUSD Contracts

Athletic Field @ Corona del Mar High School – (NMUSD)
Client: Newport-Mesa Unified School District
Property Address: 2101 Eastbluff Dr, Newport Beach, CA 92660
Contract Amount:~$250,000
Contact: Mark Manstof, Facilities Analyst, NMUSD
Tel: 949/445-0075
Email: mmanstof@nmusd.us

Restroom Modernization @ Ensign Intermediate School – (NMUSD)
Client: Newport-Mesa Unified School District
Property Address: 2000 Cliff Dr, Newport Beach, CA 92663
Contract Amount:~$7,5000
Contact: Mark Manstof, Facilities Analyst, NMUSD
Tel: 949/445-0075
Email: mmanstof@nmusd.us

Davidson Football Field @ Newport Harbor High School – (NMUSD)

Client: Newport-Mesa Unified School District
Property Address: 600 Irvine Ave, Newport Beach, CA 92663
Contract Amount:~$190,000
Contact: Mark Manstof, Facilities Analyst, NMUSD
Tel: 949/445-0075
Email: mmanstof@nmusd.us

Fine Arts Building @ Corona del Mar High School – (NMUSD)
Client: Newport-Mesa Unified School District
Property Address: 2101 Eastbluff Dr, Newport Beach, CA 92660
Contract Amount:~$150,000
Contact: Mark Manstof, Facilities Analyst, NMUSD
Tel: 949/445-0075
Email: mmanstof@nmusd.us

Classroom Buildings @ Corona del Mar High School – (NMUSD)
Client: Newport-Mesa Unified School District
Property Address: 2101 Eastbluff Dr, Newport Beach, CA 92660
Contract Amount:~$250,000
Contact: Mark Manstof, Facilities Analyst, NMUSD
Tel: 949/445-0075
Email: mmanstof@nmusd.us

Parking Lot Improvement @ Corona del Mar High School – (NMUSD)
Property Address: 2101 Eastbluff Dr, Newport Beach, CA 92660
Contract Amount:~$65,000
Client: Newport-Mesa Unified School District
Contact: Mark Manstof, Facilities Analyst, NMUSD
Tel: 949/445-0075
Email: mmanstof@nmusd.us

Onclave Building @ Corona del Mar High School – (NMUSD)
Client: Newport-Mesa Unified School District
Property Address: 2101 Eastbluff Dr, Newport Beach, CA 92660
Contract Amount:~$225,000
Contact: Mark Manstof, Facilities Analyst, NMUSD
Tel: 949/445-0075
Email: mmanstof@nmusd.us

SECTION 3: Project and Cost Management

1. Hourly Staff & Service Rates

(See Following Page)

Material Testing Rate Sheet

Soils

Atterberg Limits, D 4318, CT 204	$125
California Bearing Ratio (CBR), D 1883	$365
Chloride and Sulfate Content, CT 417 & CT 422	$ 80
Consolidation, D 2435, CT 219	$190
Consolidation – Time Rate, D 2435, CT 219	$250
Direct Shear – Undisturbed, D 3080, CT 222	$ 95
Direct Shear – Remolded, D 3080, CT 222	$120
Durability Index, CT 229	$ 95
Expansion Index, D 4829, UBC 18-2	$100
Expansion Potential (Method A), D 4546	$ 90
Expansive Pressure (Method C), D 4546	$ 90
Geofabric Tensile and Elongation Test, D 4632	$125
Hydraulic Conductivity, D 5084	$ 95
Hydrometer Analysis, D 422, CT 203	$125
Double Hydrometer Analysis, D 422, CT 203	$185
Maximum Density D 1557, D 698, CT 216, & AASHTO T-180 (Rock corrections add $10)	$150
Moisture, Ash, & Organic Matter of Peat/Organic Soils	$ 50
Moisture Only, D 2216, CT 226	$ 10
Moisture and Density, D 2937	$ 20
Permeability, CH, D 2434, CT 220	$165
pH and Resistivity, CT 643	$ 45
R-value, D 2844, CT 301	$250
Sand Equivalent, D 2419, CT 217	$ 75
Sieve Analysis, D 422, CT 202	$ 75
Sieve Analysis, 200 Wash, D 1140, CT 202	$115
Specific Gravity, D 854	$ 90
Triaxial Shear, C.D., three points, CT 230	$300
Triaxial Shear, C.U., three points, D 4767, CT 230	$600
Triaxial Shear, U.U., one point, D 2850, CT 230	$ 65
Unconfined Compression, D 2166, CT 221	$240
Wax Density, D 1188	$ 85

Roofing

Built-up Roofing, cut-out samples, D 2829	$ 40
Roofing Materials Analysis, D 2829	$ 55
Roofing Tile Absorption, (set of 5), UBC 15-5	$ 45
Roofing Tile Strength Test, (set of 5), UBC 15-5	$ 55

Masonry

Brick Absorption, 24-hour submersion, C 67	$ 55
Brick Absorption, 5-hour boiling, C 67	$ 65
Brick Absorption, 7-day, C 67	$ 55
Brick Compression Test, C 67	$ 65
Brick Efflorescence, C 67	$ 65
Brick Modulus of Rupture, C 67	$ 65
Brick Moisture as received, C 67	$ 45
Brick Saturation Coefficient, C 67	$ 65
Concrete Block Compression Test, 8x8x16, C 140	$125
Concrete Block Conformance Package, C 90	$250
Concrete Block Linear Shrinkage, C 426	$ 75
Concrete Block Unit Weight and Absorption, C 140	$ 65
Cores, Compression or Shear Bond, CA Code	$ 85
Masonry Grout, 3x3x6 prism compression, UBC 21-18	$ 25
Masonry Mortar, 2x4 cylinder compression, UBC 21-16	$ 25
Masonry Prism, half size, compression, UBC 21-17	$ 95

Concrete

Cement Analysis Chemical and Physical, C 109	$130
Compression Tests, 6x12 Cylinder, C 39	$ 25
Concrete Mix Design Review, Job Spec	$145
Concrete Mix Design, per Trial Batch, 6 cylinder, ACI	$350
Concrete Cores, Compression (excludes sampling), C 42	$ 45
Drying Shrinkage, C 157	$ 95
Flexural Test, C 78	$ 65
Flexural Test, C 293	$ 65
Flexural Test, CT 523	$ 75
Gunite/Shotcrete, Panels, 3 cut cores per panel and test, ACI	$145
Jobsite Testing Laboratory	
Lightweight Concrete Fill, Compression, C 495	$ 25
Petrographic Analysis, C 856	$ 145
Splitting Tensile Strength, C 496	$ 65

Reinforcing and Structural Steel

Fireproofing Density Test, UBC 7-6	$ 65
Hardness Test, Rockwell, A-370	$ 50
High Strength Bolt, Nut & Washer Conformance, set, A-32	$ 65
Mechanically Spliced Reinforcing Tensile Test, ACI	$ 85
Pre-Stress Strand (7 wire), A 416	$135
Chemical Analysis, A-36, A-615	$ 65
Reinforcing Tensile or Bend up to No. 11, A 615 & A 706	$ 45
Structural Steel Tensile Test: Up to 200,000 lbs. (machining extra), A 370	$ 50
Welded Reinforcing Tensile Test: Up to No. 11 bars, ACI	$ 55

Asphalt Concrete

Asphalt Mix Design, Caltrans	$145
Asphalt Mix Design Review, Job Spec	$145
Extraction, % Asphalt, including Gradation, D 2172, CT 310	$145
Film Stripping, CT 302	$145
Hveem Stability and Unit Weight CTM or ASTM, CT 366	$100
Marshall Stability, Flow and Unit Weight, T-245	$ 200
Maximum Theoretical Unit Weight, D 2041	$ 95
Swell, CT 305	$ 95
Unit Weight sample or core, D 2726, CT 308	$235

Aggregates

Absorption, Coarse, C 127	$ 75
Absorption, Fine, C 128	$100
Clay Lumps and Friable Particles, C 142	$ 90
Cleanness Value, CT 227	$155
Crushed Particles, CT 205	$ 90
Durability, Coarse, CT 229	$155
Durability, Fine, CT 229	$135
Los Angeles Abrasion, C 131 or C 535	$155
Mortar making properties of fine aggregate, C 87	$ 95
Organic Impurities, C 40	$ 65
Potential Reactivity of Aggregate (Chemical Method), C 289	$180
Sand Equivalent, CT 217	$ 125
Sieve Analysis, Coarse Aggregate, C 136	$ 150
Sieve Analysis, Fine Aggregate (including wash), C 136	$ 150
Sodium Sulfate Soundness (per size fraction), C 88	$450
Specific Gravity, Coarse, C 127	$ 70
Specific Gravity, Fine, C 128	$ 75

I. Hourly Engineering / Special Inspection Rates

Principal Engineer/Geologist/Environmental Scientist	$ 145
Senior Engineer/Geologist/Environmental Scientist	$ 145
Senior Project Engineer/Geologist/Environmental Scientist	$ 135
Project Engineer/Geologist/Environmental Scientist	$ 135
Senior Staff Engineer/Geologist/Environmental Scientist	$ 135
Project Manager-Field Supervisor	$ N/A
ICC Certified Technician with Calibrated Ram and Torque Wrench	$ 105
ICC Certified Soil Inspector	$ 99
ACI Concrete Technician	$ 99
Concrete, Masonry, Asphalt Batch Plant Inspector	$ 99
Special Inspector (Masonry, Steel, Welding, and Fireproofing)	$ 99
Nondestructive Examination Technician, UT, MT, LP,	$ 105
Wood Inspector (Fabrication Shop in Oregon)	$ 115
Adminstrative Assistant (Daily Report Distribution, Posting on DSA Box, and Processing Certified Payroll)	$ 55
Skidmore Bolt Tester	$ 35 / Day
Nuclear Gauge	$ 25 / Day

Coring Machine Useag (including technician)	$ 125 / hr
Anchor Load Test Equipment (including technician)	$ 125 / hr
Hand Auger	$ 15 / day
Field Vehicle Usage (if required for rough terrain)	$ 35 / day

For field and laboratory technicians and special inspectors, regular hourly rates are charged during normal weekday construction hours. Overtime rates at *1.5* times the regular rates will be charged for work performed over eight hours of work, and all day on Saturdays and double time on Sundays and Holidays.

Soil Technician rates are based on *two hour minimum, and a two hourly increment thereafter.*

Special Inspection rates are based on four hour minimum. Show up times are charged for two hours.

All Off Site Inspections outside the City of Menifee will be subject to Travel Mileage at $.65 a mile.

Our Out of State Per Diem will be $100 per day for most of the metropolitan areas.

2. Approach to Project Management & Scheduling

Value Engineering – Our design professionals review all the bid documents at the initiation of each project for value engineering. Upon completion of our review, the Principal Engineer will share its findings with District Representative. Upon notification from the IOR, our Project Manager will assign the most qualified professionals to the project.

Project Tracking Setup **-** The Project Manager assigns a unique Project Job Number to the Work Order and enters the tasks and budgets into our tracking system.

Team Review of Scope, Schedule, and Budget **-** The Project Manager reviews the scope, schedule, and budget for each task with the appropriate team members to ensure they understand the limitations and the requirement to immediately notify the Project Manager, should conditions change in the field, or when the scope of work needs to be revised to accomplish the task in the most cost-effective manner.

Cost Control/Cost Management Procedures and Policies **–** C.E.M. LAB and project personnel have successfully demonstrated effective cost management, superior quality of work, and the ability to successfully perform multi-task projects within the most demanding of schedules and budgetary requirements. Unlike bigger firms, C.E.M. has extremely competitive pricing with no hidden project management fees. We are committed to providing effective project management through proper training and open communication between District representatives and C.E.M. Lab personnel. Cost control and management will be maintained by the designated Project Engineer and Project Manager, who are responsible for monitoring all project costs. The Project Engineer will also receive and review both weekly and monthly reports on in-house costs, allowing them to maintain and employ tight cost control measures for each project assignment.

Response to Changes / Clarifications **-** Upon notification of a change or clarification by the District or its representatives, our team of professionals will review the requested changes and its full effect on the work and its compliance with all regulations. Upon the completion of our review process, our Project Engineer will prepare a statement with full documentation describing the changes in scope of work with designated standard of testing and inspection.

12-Hour Response **-** C.E.M. Lab is committed to providing immediate response to requests for personnel or technical support. We are **located nearby in Irvine** allowing us to respond within two hours of notification for field personnel in an urgent situation. We can provide service within a 12-hour call to our dispatch team on a regular basis. Our project personnel will be available on a 24-hour basis, 7 days a week, as necessary.

Reporting Procedures **-** C.E.M Lab provides project supervisors with ***instant*** **access** to inspection reports through a DSA Box and via email. All field inspectors are equipped with I-Pad to facilitate immediate remote reporting. Reports are immediately emailed to all members on the District's distribution list. Each representative on the District's project distribution list will have access to daily records. All inspection records and images from various stages of construction, including the project's Final Verified Reports are archived on our passcode-secure servers.

3. Computer Project Management, Scheduling, Design

C.E.M. LAB is not a project management company, so it does not provide general project management and desgn. The firm does manage the scheduling and dispatch of required services:

12-Hour Response **-** C.E.M. LAB is committed to providing immediate response to requests for personnel or technical support. We are **located nearby in Irvine** allowing us to respond within two hours of notification for field personnel in an urgent situation. We can provide service within a 12-hour call to our dispatch team on a regular basis. Our project personnel will be available on a 24-hour basis, 7 days a week, as necessary.

SECTION 4: Subconsultants

C.E.M. LAB will not be utilizing any sub consultants.

SECTION 5: References

Newport-Mesa Unified School District
Contact: Mark Manstoff, Facilities Analyst
Phone: 714/424-5000
Email: mmanstof@nmusd.us

Irvine Unified School District
Contact: Ed Hernandez, Supervisor, Construction Services
Phone: 949/936-5382
Email: edhernandez@iusd.org

Capistrano Unified School District
Contact: Leslie Knittle
Phone: 949/234-9200
Email: keknittle@capousd.org

SECTION 6: Legal Issues

1. Pending Legal Action

There is no pending legal action against C.E.M. LAB or any employee of C.E.M. LAB alleging violations of the law in connection with an offering of municipal securities in a California transaction.

2. Settlements / Judgements

C.E.M. LAB has not had any settlements or judgements involving such actions withing the last five years.

3. Description of Settlements / Judgement

C.E.M. LAB has not had any judgements, settlements, or arbitration awards valued at $5,000 or greater relating to a civil action judgement, settlement, arbitration award, or administrative action for any individual licensee, as required to be reported to the State of California.

SECTION 7: Other Forms & Attachments

1. ***Attachment B – Certification / Request for Qualifications***
2. ***Attachment C – Statement of Experience & Financial Condition***
3. ***Attachment D***
4. ***Attachment E – Project Reference Form***
5. ***Attachment F – Statement of Non-Conflict of Interest***
6. ***Attachment G – Firm Proposal / Offer Form***
7. ***Attachment H - Non-Collusion Declaration***
8. ***Addenda - NONE***

(See Next Pages)

ATTACHMENT B

CERTIFICATION – REQUEST FOR QUALIFICATIONS

I certify that I have read and received a complete set of documents regarding the attached **Request for Qualifications (RFQ) # 111-21 – SPECIAL INSPECTION SERVICES** and the instructions for submitting an RFQ. I further certify that I must submit three (3) proposal copies, plus a complete copy on flash drive, of the firm's Proposal in response to this request and that I am authorized to commit the firm to the proposal submitted.

Teri A. Knoll

Signature

Teri A. Knoll

Typed or Printed Name

Vice President, C.E.M. LAB

Title

C.E.M. LAB

Company

45 Post, Irvine, CA 92618

Address

45 Post, Irvine, CA 92618

Address

949/502-4130

Telephone

949/502-4131

Fax

5/18/21

Date

If you are bidding as a corporation, please provide your corporate seal here:

ATTACHMENT C

STATEMENT OF EXPERIENCE AND FINANCIAL CONDITION

Company Name: C.E.M. LAB

(Check One): X Corporation _____ Partnership _____ Sole Proprietorship

Address: 45 Post
Irvine, CA 92618

Telephone/FAX#: 949/502-4130 / 949/502-4131

Date and State of Formation/Incorporation: 4/10/95 Formation 9/26/02 Incorporation, California

Is the company authorized to do business in California? yes

Basis of Authorization: X California Corporation ___California Business License
X California Engineering License ___Other (specify)

Identify the California office to be used for this contract if organization is located/headquartered outside of California:

Address: 45 Post, Irvine, CA 92618

FINANCIAL INFORMATION

State the company's California and total revenues for 2017, 2018, 2019:

	2017	2018	2019
California:	$1,300,072	$1,214,410	$2,067,603
Total:			

Identify the largest project, in dollars, which your company has initiated or completed within the past five (5) years:

$900,000 - Saddleback College Stadium Project, South Orange County Community College District

ATTACHMENT D

ANSWER THE FOLLOWING QUESTIONS

1. Is the company or its owners connected with other companies as a subsidiary, parent, affiliate, or holding company? ___Yes ___XNo If yes, explain on a separate, signed sheet.

2. Does the company have an ongoing relationship or affiliation with an equipment manufacturer? ___Yes _X_No If yes, explain on a separate, signed sheet.

3. Has the company (or any owner) ever defaulted on a contract forcing a surety to suffer a loss? ___Yes _X_No If yes, explain on a separate, signed sheet.

4. In the past five (5) years, has the company had any project with disputed amounts more than $50,000 or a project which was terminated by the owner, owner's representative or other contracting party and which required completion by another party? ___Yes _X_No If yes, explain on a separate, signed sheet. State the project name, location, owner/contact person, telephone number, contract value, disputed amount, date and reason for termination/dispute.

5. Has the company, an affiliate company, or any owner ever declared bankruptcy or been in receivership? ___Yes _X_No If yes, explain on a separate, signed sheet.

6. Has the company ever had an arbitration on contracts in the past five (5) years? ___ Yes _X_No If yes, explain on a separate, signed sheet. State the project name, location, owner/contact person, telephone number, contract value, disputed amount, a brief description and final resolution.

7. Does the company have any outstanding liens or stop notices for labor and/or materials filed against any contracts which have been done or are being done by the company? ___ Yes _X_No If yes, explain on a separate, signed sheet. State the project name, location, owner/contact person, telephone number, amount of dispute, and brief description of the situation.

THE UNDERSIGNED DECLARES UNDER PENALTY OF PERJURY THAT ALL OF THE INFORMATION SUBMITTED WITH THIS PROPOSAL IS TRUE AND CORRECT.

SIGNATURE: _____

NAME: Teri A. Knoll

TITLE: Vice President, C.E.M. Lab

ATTACHMENT E

PROJECT REFERENCE FORM

The following **projects** represent the services requested in this RFQ:

Solar Parking Lot Structures @ Irvine High School – (IUSD)
Scope of Work: C.E.M. provided geotechnical observation and materials testing & inspection service for the new construction of these structures.
Client: Irvine Unified School District
Type of Contract: Direct Cost
Contract Amount:~$20,000
Start Date: January 2019 **Current Status:** Complete
Contact: Ed Hernandez, Supervisor, Construction Services, IUSD
Tel: 949/936-5382
Email: edhernandez@iusd.org

Fine Arts Building @ Corona del Mar High School – (NMUSD)
Scope of Work: C.E.M. provided geotechnical observation and materials testing & inspection service for the new construction of this building.
Client: Newport-Mesa Unified School District
Type of Contract: Direct Cost
Contract Amount:~$150,000
Start Date: April 2016 **Current Status:** Complete
Contact: Mark Manstof, Facilities Analyst, NMUSD
Tel: 949/445-0075
Email: mmanstof@nmusd.us

Restroom Modernization @ Horace Ensign Middle School – (NMUSD)
Scope of Work: C.E.M. provided geotechnical observation and materials testing & inspection service for the renovation of this restroom facility.
Client: Newport-Mesa Unified School District
Type of Contract: Direct Cost
Contract Amount:~$7,500
Start Date: October 2018 **Current Status:** Complete
Contact: Mark Manstof, Facilities Analyst, NMUSD
Tel: 949/445-0075
Email: mmanstof@nmusd.us

Maintenance & Facilities Building @ Saddleback College – (SOCCCD)
Scope of Work: C.E.M. provided geotechnical observation and materials testing & inspection service for the new construction of this building.
Client: South Orange County Community College District
Type of Contract: Direct Cost
Contract Amount:~$45,000
Start Date: June 2014 **Current Status:** Complete
Contact: Mark Schoeppner, Project Manager
Tel: 949/348-6126
Email: mschoeppner@socccd.edu

Stadium Site Improvements & Athletic Design-Build Project @ Saddleback College – (SOCCCD)

Scope of Work: C.E.M. provided geotechnical observation and materials testing & inspection service for the new construction of athletic stadium and field.
Client: South Orange County Community College District
Type of Contract: Direct Cost
Contract Amount:~$900,000
Start Date: December 2019 **Current Status:** Complete
Contact: Mark Schoeppner, Project Manager
Tel: 949/348-6126
Email: mschoeppner@socccd.edu

Cost Breakdown:

Technical Analysis:	$ 15,000
Design & Implementation:	$ 55,000
Project Management:	$ 0
Monitoring:	$ 5,000
Training:	$ 0
MTI / Geotechnical Observation:	$825,000
TOTAL CONTRACT:	$900,000

ATTACHMENT F

NEWPORT MESA UNIFIED SCHOOL DISTRICT

REQUEST FOR PROPOSALS AND STATEMENT OF QUALIFICATIONS FOR SPECIAL INSPECTION SERVICES

STATEMENT OF NON-CONFLICT OF INTEREST

The undersigned, on behalf of the consulting firm set forth below (the "Consultant"), does hereby certify and warrant that, if selected, the Consultant while performing the consulting services required by the Request for Qualification, shall do so as an independent contractor and not as an officer, agent or employee of the Newport Mesa Unified School District ("the District"). The undersigned further certifies and warrants that: (1) no officer or agent of the Consultant has been an employee, officer or agent of the District within the past two (2) years; (2) the Consultant has not been a source of income to pay any employee or officer of the District within the past twelve (12) months; (3) no officer, employee or agent of the District has exercised any executive, supervisory or other similar functions in connection with the Consultant Agreement or shall become directly or indirectly interested financially in the Consultant Agreement; and (4) the Consultant shall receive no compensation and shall repay the District for any compensation received by the Consultant under the Consultant Agreement should the Consultant aid, abet or knowingly participate in violation of this statement.

Signature	
Printed Name	Teri A. Knoll
Title	Vice President, C.E.M. LAB
Date	May 18, 2021

ATTACHMENT G

FIRM PROPOSAL / OFFER FORM

This Proposal/Offer Form must be duly executed and submitted with any proposal/offer to NMUSD.

The Offeror hereby agrees that its proposal/offer is subject to all RFQ # 111-21 provisions, terms and conditions, attachments, exhibits, amendments and other applicable materials which are attached or incorporated by reference. Offeror hereby agrees to promptly enter into an agreement in substantial accordance with such RFQ provisions, terms and conditions, and secure a performance bond within five (5) days of the Districts intent to award the contract.

The Offeror hereby agrees that its attached proposal/offer of which this is part, is a firm and irrevocable offer and valid for acceptance by NMUSD for the period sixty (60) days after closing. The Offeror hereby agrees that if its proposal/offer is accepted by NMUSD that it shall provide all of the services in accordance with the RFQ, as it may be amended.

Name of Person Duly Authorized to Execute this Proposal/Offer: Teri A. Knoll

Duly Authorized Signature: 

Title: Vice President, C.E.M. LAB

Date of this Proposal/Offer: May 19, 2021

Offeror Name: C.E.M. LAB

Offeror Address: 45 Post, Irvine, CA 92618

Offeror Telephone: 949/502-4130

Offeror Email: teri@cemlabcorp.com

ATTACHMENT H

NEWPORT MESA UNIFIED
SCHOOL DISTRICT
2985 Bear St., Bldg. A
Costa Mesa, California 92626
(714) 424-5063

DSA Inspection Services
RFQ: # 124-21

NONCOLLUSION DECLARATION
Public Contract Code § 7106

TO BE EXECUTED BY SUBMITTER AND SUBMITTED WITH RFQ

The undersigned declares:

I am the Vice President [**PRINT YOUR TITLE**]

of C.E.M. LAB [**PRINT FIRM NAME**],

The party making the foregoing Contract.

The RFQ is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The RFQ is genuine and not collusive or sham. The submitter has not directly or indirectly induced or solicited any other submitter to put in a false or sham RFQ. The submitter has not directly or indirectly colluded, conspired, connived, or agreed with any submitter or anyone else to put in a sham RFQ, or to refrain from submitting. The submitter has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the RFQ price of the submitter or any other submitter, or to fix any overhead, profit, or cost element of the RFQ price, or of that of any other submitter. All statements contained in the RFQ are true. The submitter has not, directly or indirectly, submitted his or her RFQ price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company, association, organization, RFQ depository, or to any member or agent thereof, to effectuate a collusive or sham RFQ, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a submitter that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the submitter.

I declare under penalty of perjury under the laws of the State of California that the foregoing is true and correct and that this declaration is executed on the following date:

Date: 5/18/21

Proper Name of Submitter: Teri A. Knoll / C.E.M. LAB

City, State: Irvine, CA

Signature: 

Print Name: Teri A. Knoll / C.E.M. LAB

Title: Vice President