

Jonathan Geiszler Director of Purchasing & Warehouse Newport Mesa Unified School District 2985 Bear Street, Building A Costa Mesa, California 92626



Statement of Qualifications to Provide Special Project Inspection Services RFQ #111-21





May 19, 2021 Proposal No. P04-03226







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Newport Mesa Unified School District 2985 Bear Street, Building A Costa Mesa, CA 92626 Attn: Jonathan Geiszler, Director of Purchasing & Warehouse

Subject: Request for Qualifications #111-21 Special Project Inspection Services Newport Mesa Unified School District

Dear Mr. Geiszler:

Ninyo & Moore Geotechnical and Environmental Sciences Consultants (Ninyo & Moore) is pleased to submit this statement of qualifications (SOQ) in response to Request for Qualifications (RFQ) #111-21 to provide Special Project Inspection Services for the Newport Mesa Unified School District (District) that may be required in connection with new construction and modernization projects throughout the District. Ninyo & Moore specializes in geotechnical and materials testing services as part of the wide range of consulting services that we provide to our clients and is one of the most highly respected consultants providing these services in Southern California. We have been providing geotechnical consulting services for 35 years to a variety of public clients, including over 50 Southern California School Districts. Ninyo & Moore is proud of its reputation for providing technologically feasible, timely, and cost-effective solutions to complex geotechnical problems. Ninyo & Moore is highly qualified to perform the requested services for the following reasons:

- Similar Recent District Experience Ninyo & Moore is currently providing the requested services for other various school districts, including Anaheim Elementary School District, Santa Ana Unified, Saddleback Valley Unified, Capistrano Unified, Irvine Unified School District, and many other school districts in Orange and Los Angeles counties. We are very familiar with the unique needs of working with School Districts, as well as all Education Code, California Building Code, Department of State Architect (DSA) and State Department of Conservation's California Geological Survey (CGS). We understand the nature of the work required and the importance of offering a comprehensive range of geotechnical consulting services, in a responsive manner, using project-proven methods. This improves our response time on a request for service and mobilization of the qualified individuals to execute the task at hand. We have designed our team with maximum flexibility for demanding project requirements including the assignment of concurrent task orders.
- Responsive and Cost Effective We are an appropriately sized company to provide special inspection services to the District. Locally, we are staffed with over 100 professionals in the Orange County office. While we are large enough to comfortably perform projects of the size and scale expected, we are still efficient and cost-effective. We are ready and available to provide timely services and consistent communication regardless of project size or technical scope.
- Successful Approach to Providing On-Call Services We understand the nature of the work required and the importance of offering a comprehensive range of geotechnical services, in a responsive manner, using project-proven methods. This improves our response time on a request for service and mobilization of the qualified individuals to execute the task at hand. We have designed our team with maximum flexibility for demanding project requirements including the assignment of concurrent task orders.

Years in Business:	35
Year Firm was Established:	1986
Services Offered:	 Geotechnical engineering and geologic services Construction materials testing and inspection Industrial hygiene Occupational safety Environmental consulting
Number of Employees:	500

This statement of qualifications will remain valid for 60 days after the RFQ closing date. Kurt S. Yoshii, PE, GE, Principal Engineer, is authorized to bind the firm into contract. His contact information is included below. We appreciate your consideration of our team and experience.

Sincerely, NINYO & MOORE

1.

Kurt Yoshii, PE, GE, Principal Engineer kyoshii@ninyoandmoore.com p. 949.753.7070 ext. 12233

GMS/emc

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Business Profile

Since 1986, clients have turned to Ninyo & Moore, a Minority Business Enterprise (MBE), for innovative solutions to complex geotechnical and environmental challenges. As a leading geotechnical and environmental sciences engineering and consulting firm, Ninyo & Moore provides specialized services to clients in both the public and private sectors. With offices in California, Arizona, Nevada, Utah, Colorado, and Texas, the firm is fully committed to being responsive, cost-efficient, and thorough in meeting its clients' project needs and objectives.

Ninyo & Moore's headquarters is located in San Diego, California, and we have 15 additional offices across six states. However, the Ninyo & Moore team will lead this contract from our Irvine office and DSA-certified laboratory No. 161.

The quality of Ninyo & Moore's personnel base has become widely recognized. The firm's 500 professionals include registered geotechnical and civil engineers, geologists, hydrogeologists, engineering geologists, geophysicists, environmental scientists, certified asbestos consultants, certified lead specialists, and certified industrial hygienists.

Based on our education sector history, Ninyo & Moore is fully qualified to perform

200+ Professionals in Southern California

California Corporation State of California ID # C1400848



Local Office 475 Goddard Irvine, California 92618 (949) 753-7070

the requested geotechnical consulting and materials testing services for the District. We have developed a successful program to effectively serve California public school districts and have provided services for school projects ranging from classroom modernization, expansion of existing facilities, demolition of facilities, to design and construction of new high school campuses. Ninyo & Moore has provided comprehensive geohazard investigation, geotechnical/seismic investigation, soils testing, foundation engineering and design, geotechnical observation and testing during construction and modernization for California public school projects throughout the State of California. Our professional staff has a thorough knowledge of the applicable laws and regulations governing California public school construction, including Section 17212 and 17212.4 of the Education Code and Title 24 Parts 1 and 2 of the California Code of Regulations, which has led to many successful project closeouts with the Division of the State Architect (DSA). Our staff also attends workshops and conferences to keep up to date with updated code requirements. Staff qualifications are presented in the Experience section, beginning on the following page. Ninyo & Moore has performed this work for K-12 school districts, community colleges, private schools, and higher education colleges and universities. The following southern California Districts have recently hired Ninyo & Moore for relevant professional services.

Southern California School Districts Served by Ninyo & Moore				
Orange County School Districts	Los Angeles County School Districts	Riverside & San Bernardino County School Districts	San Diego County School Districts	
Anaheim Elementary Anaheim Union Brea Olinda Unified Capistrano Unified Fountain Valley Fullerton Irvine Unified Newport Mesa Unified Orange Unified Placentia-Yorba Linda Unified Saddleback Valley Unified Santa Ana Unified Orange County Department of Education	ABC Unified Alhambra Unified Arcadia Unified Burbank Unified Bonita Unified Glendale Unified Los Angeles Unified Long Beach Unified La Canada Monrovia Unified Norwalk-La Mirada Unified Palos Verdes Peninsula Unified Redondo Beach Unified Rowland Unified Santa Monica - Malibu Temple City Walnut Valley Unified Wiseburn Unified	Perris Elementary Barstow Unified Chaffey Joint Union Colton Joint Unified Moreno Valley Unified Murrieta Valley Unified Temecula Valley Unified Val Verde Unified	Alpine Union Cajon Valley Union Chula Vista Elementary Coronado Unified Encinitas Union Grossmont Union High La Mesa-Spring Valley National Oceanside Unified Poway Unified San Diego Unified San Diego Unified San Marcos San Ysidro Santee Solano Beach South Bay Union Sweetwater Union Vista Unified	

Experience

Since 1986, Ninyo & Moore's Materials Testing and Inspection Division has been performing a wide variety of materials testing and inspection services involving soils and aggregates, asphalt concrete, reinforced concrete, masonry, prestressed concrete, structural steel, welding, roofing, and fireproofing for both new construction and modernization projects. Ninyo & Moore laboratories are supervised by registered civil engineers, and meet the requirements of American Society for Testing and Materials (ASTM) E329, ASTM C1077, ASTM D3740, and ASTM D3666. Ninyo & Moore's testing equipment is calibrated annually by qualified representatives utilizing equipment approved by the National Institute of Standards and Technology, and is regularly inspected by representatives of the Cement and Concrete Reference Laboratory (CCRL). Ninyo & Moore's testing laboratories are inspected and/or accredited by AASHTO, Caltrans, the Division of the State Architect, the City of Los Angeles, the City of San Diego, Caltrans, Nevada Department of Transportation, Arizona Department of Transportation, Clark County, City of Las Vegas, and U.S. Army Corps of Engineers.



Project Listing

The following detailed descriptions are some of Ninyo & Moore's related projects successfully completed (or currently on-going) by our staff for local school districts that demonstrate our competence to perform work similar in scope and magnitude to that required for this contract. Due to Ninyo & Moore's extensive school district experience, a schedule of all public school and community college districts that Ninyo & Moore has provided services for within the last 5 years can be found in Appendix B.

Period of Performance

Client Contact/Telephone

213.241.1000 / 213.241.4199

2014-On-going (current contract)



Project Type

- ✓ New Construction
- Modernization
- ✓ Renovation/Remodel
- ✓ Addition/Expansion
- ✓ Repair
- ✓ Planning

As-Needed Geotechnical Consulting Services

Mr. Peyman Soroosh, Supervising Structural Engineer

Los Angeles Unified School District 333 S. Beaudry Avenue, 25th Floor Los Angeles, California 90017

Ninyo & Moore was retained by the Los Angeles Unified School District (LAUSD), Design and Architectural/Engineering Technical Support division to provide as-needed, geotechnical consulting services for various design and construction projects for the District. Services that have been requested under this contract include the performance of geologic-seismic hazards evaluations and geotechnical investigations for the design and construction of new schools or new structures and facility improvements at existing schools. Our geotechnical investigations have typically included a review of geologic and seismic background information; a subsurface evaluation consisting of drilling, sampling, and logging of small-diameter borings and/or use of Cone Penetrometer Testing (CPT); performance of laboratory testing to evaluate soil characteristics; geotechnical analysis to evaluate earthwork requirements, foundation design parameters, retaining wall parameters, liquefaction potential, settlement potential, and expansive soil potential; and the preparation of a geotechnical report presenting our findings and recommendations for the design and construction of the proposed structure(s).

Client Contact/Telephone

9/2017-9/2019



Project Type

- ✓ Renovation
- ✓ Addition

Mr. Nathaniel Holt, Chief Facilities & Bond Program Manager 310.639.4321 ext. 55350

Compton High School Reconstruction Compton Unified School District 429 S. Oleander St. Compton, California 90220

Ninyo & Moore was retained by the Compton Unified School District to provide geotechnical services for planning of the Compton High School Reconstruction project in Compton, California.

The proposed \$20 million project consists of various improvements to replace the existing school, including two three-story classroom buildings, a two-story performing arts center, two-story gym and aquatics center, administrations building, athletic facilities including a pool, football stadium, baseball and softball fields, tennis courts, basketball courts and athletic fields. Additional site improvements include utilities, flatwork and landscaping. Ninyo & Moore's services include project review and reporting for California Environmental Quality Act (CEQA) and CDE Requirements. Services include geotechnical evaluation to provide design level recommendations for planned reconstruction in accordance with DSA guidelines, coordination, attendance at as-requested planning meetings, scheduling of field personnel, review of project plans and specifications, drilling, logging and sampling 20 small-diameter borings, advancing 18 cone penetrometer tests, performing 5 percolation tests, and laboratory testing of samples collected during drilling.

Additionally, Ninyo & Moore was recently awarded a contract for materials testing and special inspection services during construction.

Period of Performance

11/2018-6/2019

Client Contact/Telephone

Mr. Steven Ross, Program Director (Cordoba Corporation) 909.331.8258



Project Type ✓ New Construction

Monroe TK-5 New Modular Classroom

Inglewood Unified School District 401 S. Inglewood Avenue Inglewood, California 90301

Ninvo & Moore was retained to provide geotechnical design and testing services for the Monroe TK-5 New Modular Classrooms project. Ninyo & Moore provided the project geotechnical design services including the project pavement recommendations. Subsequent to DSA approval, Ninyo & Moore provided geotechnical testing, materials testing and specialty inspections services during construction. The project involved the construction of four new PC-approved modular classroom buildings. The new buildings house classrooms, resource rooms, workrooms, restrooms, and a custodial room. Other new structures included construction of two PC-approved shade structures. Structurally, the new modular classroom buildings consist of structural steel framing, structural steel truss-roof, lightweight concrete over metal deck, founded on reinforced concrete spread footings and reinforced concrete sidewalls and endwalls. Other site improvements included site modifications for new construction, fences and gates, an electrical yard, new utilities, and a new parking lot. Scope of work included testing and inspection of soil, concrete, and structural steel. In-plant inspections included welding inspection and Non-Destructive Testing (NDT) services at the fabrication plant located in Silver Creek, CA. Earthwork was performed in accordance with the Ninyo & Moore geotechnical report and addendum.

Client Contact/Telephone

9/2016-12/2016

Mr. Lorenzo Kohn, Facilities Coordinator 562.868.9014



Project Type✓ New Construction

Los Alisos Middle School Relocatable Building Norwalk-La Mirada Unified School District 1051 W. Bastanchury Road Fullerton, California 92833

Ninyo & Moore performed a geotechnical evaluation for a proposed building at the Los Alisos Middle School located at 14800 South Jersey Avenue in Norwalk, California. The proposed improvements included a new 4,800-square-foot relocatable classroom structure on the north-central portion of the existing campus. The purpose of the study was to perform a subsurface evaluation and to provide geotechnical design recommendations for the proposed building. Services included field exploration, laboratory testing and geotechnical engineering. A detailed geotechnical report was prepared to address mitigation of geologic hazards, earthwork specifications and geotechnical parameters for foundation design.

Period of Performance	Client Contact/Telephone
6/2016-12/2016	Mr. Mark Schoeppner, Construction Manager 949.582.4680



Project Type

- ✓ New Construction
- ✓ Renovation

IVC Health Center & Concessions South Orange County Community College District 28000 Marguerite Parkway Mission Vieio, California 92692

Ninyo & Moore provided geotechnical consulting services for the Health Center and Concessions project located at Irvine Valley College at 5500 Irvine Center Drive in Irvine, California. The project involved the construction of a new Health Center building, which consisted of a one-story concrete masonry unit structure with an approximate area of 2,460 square feet. New restrooms, concession stands, a sports medicine facility, lockers, shower rooms, a ticket booth, and a press box were constructed adjacent to the Health Center with an approximate area of 3,685 square feet. New aluminum bleacher seating for 300 people was constructed along the north side of the existing baseball field and was supported on concrete pads. A new foul ball net was also constructed along left field of the existing baseball field at a length of approximately 170 feet and was supported on 60-foot-high steel poles.

Our services included project coordination, background review, site reconnaissance and coordination with Underground Service Alert for utility markout, subsurface evaluation consisting of four small-diameter borings to depths ranging from approximately 6¹/₂ to 51¹/₂ feet below the ground surface, percolation testing, laboratory testing of collected samples, compilation and analysis of the background information and collected data, and preparation of our report. We included recommendations for remedial grading consisting of the overexcavation and recompaction of the undocumented fill and/or loose natural soils, spread footings and mat foundations for the buildings, and drilled pier foundations for the foul ball net poles. Additionally, Ninyo & Moore performed geotechnical, materials, and inspection services for the project during construction.

Client Contact/Telephone

12/2018-2/2019

Mr. Steve Richards, Director, Maintenance & Operations 562.926.5566, ext. 22414



Project Type

- ✓ New Construction
- ✓ Renovation

Kennedy Elementary School Modular Building Installation ABC Unified School District 11695 178th Street Artesia, California 907001

Ninyo & Moore was retained to provide geotechnical consulting services for ABC Unified School District Modular Building Installation Project at Kennedy Elementary School located in the city of Artesia, California. The project involved the design and construction of a new 40-foot by 60-foot modular building with two classrooms spaces, kitchen area, office space, and bathrooms. The project also included an 11-foot by 12-foot storage concrete-paved playground, storage shed, new parking area, and chain-link fencing.

Our evaluation included coordination with County of Los Angeles Department of Public Health permit for drilling into groundwater, subsurface exploration, and laboratory testing. The site was underlain by alluvial deposits generally consisting of very loose to very dense, sandy silt, silty sand, and stiff, sandy, lean clay. Design recommendations were provided for subgrade preparation, building slab-on-grade, exterior flatwork, and preliminary pavement.

Period of Performance	Client Contact/Telephone
6/2005-Ongoing	Mr. Peyman Soroosh Moghadam, Supervising Structural Engineer



Project Type

- ✓ New Construction
- ✓ Modernization

213.241.0317

On-Call Materials Testing Services and Inspection Services

Los Angeles Unified School District 333 S. Beaudry Avenue, 19th Floor Los Angeles, California 90017

Ninyo & Moore was retained to provide on-call materials testing services for the LAUSD, Facilities Services Division on various New Construction and Modernization Projects. Under this contract, Ninyo & Moore has been issued over 47 Task Order assignments with a value of \$1.2 million dollars. Ninyo & Moore services include field and laboratory conformance testing for the building materials, including Portland cement concrete, asphalt concrete, structural steel, as well as special deputy inspection for reinforced concrete, pre-stressed concrete, welding, masonry, and fireproofing, in accordance with the project specific, DSA approved Testing and Inspection Sheet (T&I Sheet/DSA-103). We have also provided fabrication shop inspection for both in-state and out-of-state fabrications shops. Our administrative services included the preparation and submittal of the required DSA interim and final laboratory verified reports and uploading dailies, test results, and final reports to the DSA Box. In addition, Ninyo & Moore entered into a project labor agreement with the local union in accordance with LAUSD Project Stabilization Agreement and our invoicing is provided with the backup documentation as required by the State of California Department of Industrial Relations, as it pertains to Prevailing Wage requirements, as well as additional back-up requested by LAUSD that includes the notice to proceed form required for every project, daily reports, timesheets, and test results.

Client Contact/Telephone

9/2018-11/2019

Project Type

- ✓ New Construction
- Materials Testing and Inspection

949.774.2903 Dwyer Middle School New Gym and Stem Laboratory Building Project

Mr. Michael Henning, Senior Construction Administrator

Huntington Beach City District 1502 Palm Avenue Huntington Beach, California 92646

Ninyo & Moore provided geotechnical, materials testing, and special inspection services during construction of the Huntington Beach City School District Measure Q Phase 1 – Dwyer Middle School New Gym and Stem Laboratory Building project located at 1502 Palm Avenue in Huntington Beach, California. The project consisted of construction of a new multi-purpose gym building and a separate new Stem laboratory building, as well new reinforced concrete retaining wall, seat wall and stairway, as well as new utility pipeline, exterior concrete hardscape and asphalt concrete paving construction. The new buildings each structurally consist of a reinforced concrete foundation and slab-on-grade and metal stud framing, as well as structural steel framing supporting a built up roof assembly. Other site improvements include new reinforced concrete hardscape and asphalt concrete paving construction associated to the project. Ninyo & Moore's project management staff maintained a positive working relationship with the project construction management, Architectural and District staff.

Period of Performance

8/2019-8/2020

Client Contact/Telephone

Mr. Tom Filbeck, Construction Manager 714.458.7515



Solar Canopy Projects

Orange Unified School District 1401 N. Handy Street Orange, California 92867

Ninyo & Moore provided geotechnical observation, inspection, and materials testing for approximately 37 solar canopy projects at eight different sites within the district. The projects consisted of cast-in-place concrete piers and structural steel framing. Ninyo & Moore provided soils, cast-in-place deep foundations, concrete, post-installed anchors, structural steel welding, high strength bolting, and non-destructive testing.

Project Type

- ✓ Modernization
- Inspection and Materials Testing

Project Team

Ninyo & Moore's proposed project team has worked together on a number of successfully completed on-call school district contracts similar in scope to this contract. We have a strong history of completing projects in compliance with demanding performance schedules. When requested, we have accelerated delivery and performance with excellent results to meet our school district client's needs. Ninyo & Moore is committed to the successful management and implementation of this contract. The proposed key personnel are highly qualified and experienced in their specific disciplines. Resumes of key personnel are included in the Appendix A of this submittal.

Mr. Garreth M. Saiki, PE, GE, Principal Engineer, will be the Ninyo & Moore Project Manager, responsible for coordination of our services as well as maintaining the overall contract management. Mr. Saiki has personally performed various aspects of geotechnical engineering, from site development and planning through construction, field exploration including sampling and logging, laboratory testing, geotechnical analyses and report preparation. He has managed many DSA school design and construction projects for K-12 and community college districts, including Los Angeles Unified School District, Santa Monica-Malibu Unified School District, and Santa Ana Unified School District. Services during construction have included construction materials testing and inspection services for DSA and OSHPD projects.

Mr. Saiki will be responsible for leading, managing, orchestrating and coordinating our services for this contract. He has managed similar contracts with school districts on previous projects and is knowledgeable of the California Department of Education (CDE) and California Education Code requirements as well as the California Building Code, and local building code. Mr. Saiki is a California-registered Civil and Geotechnical Engineer and holds bachelor and master degrees in Geotechnical Engineering, both from the University of California, Berkeley as well as a Masters of Business Administration from the University of California Davis. Mr. Saiki has more than 35 years of experience, the past 23 years at Ninyo & Moore.



The following table provides the key personnel's role, registrations and certifications, total years of experience and years of experience with Ninyo & Moore.

Team Member & Role	Registrations/Certifications	Years of Experience	Years at Ninyo & Moore
Kurt Yoshii, PE, GE Principal-in-Charge	GE 2508 (California) PE RCE54759 (California)	29	25
Garreth Saiki, PE, GE Project/Contract Manager	GE 2509 (California) RCE 49665 (California)	35	23
Rajindra Handapangoda, PE, GE Project Engineer	PE 73171 (California) GE 2998 (California)	14	14
Ronald Hallum, PG, CEG Technical Advisor - Engineering Geology	PG 4766 (California) CEG 1484 (California)	35	25
Daniel Chu, PhD, PE, GE Technical Advisor - Geotechnical	GE 2096 (California) PE 37991 (California)	40	29
Alfredo "Tino" Rodriguez Construction Services Supervisor	Radiation (Nuclear Gauge) User Safety	34	24

Field Technicians and Inspectors

Ninyo & Moore's field staff is highly experienced and qualified to provide testing and inspection services for an extensive range of project requirements. Ninyo & Moore's field and laboratory technicians maintain certifications with Caltrans, ACI, ICC, AWS-CWI, DSA, BNSF and OSHA, and possess a working knowledge of the requirements and procedures as specified by these agencies. Below is a sampling of our available field and laboratory technicians located in our Irvine office that are extensively experienced at providing geotechnical soils and materials testing services and special inspection for construction projects.

Team Member & Role	Certifications	Years of Experience
Steven Eck Senior Field Technician	ACI Concrete Field Testing Technician Grade I City of Los Angeles Special Inspector ICC Soils Special Inspector OSHA 40 Hour Hazwoper Certification OSHA Excavation Competent Person Certification Radiation (Nuclear Gauge) User Safety USDOT HAZMat Refresher Training	40
Kevin Tolin Senior Field Technician	ACI Concrete Field Testing Technician Grade I Caltrans Concrete Test Methods 523.1 Caltrans Concrete Test Methods 504, 518, 524, 533, 539, 540, 556, 557 Caltrans Sampling Highway Materials Test Method 125 Caltrans Soils and Aggregates Test Methods 216, 231 OSHA 40 Hour Hazwoper Certification OSHA 8 Hour Hazwoper Certification Radiation (Nuclear Gauge) User Safety USDOT HAZMat Refresher Training	34

Team Member & Role	Certifications	Years of Experience
Lincoln Linn Senior Field Technician	ACI Concrete Field Testing Technician Grade I City of Los Angeles Special Inspector ICC Soils Special Inspector OSHA 40 Hour Hazwoper Certification OSHA 8 Hour Hazwoper Certification Radiation (Nuclear Gauge) User Safety USDOT HAZMat Refresher Training	28
Randy Engel Senior Field Technician	ACI Concrete Field Testing Technician Grade I BNSF Contractor, No. UIBNSFCACA041900696 Caltrans 105, 125, 201, 202, 205, 216, 217, 226, 229 Radiation (Nuclear Gauge) User Safety USDOT HAZMat Refresher Training	26
David Meras Special Inspector	ACI Concrete Field Testing Technician Grade I AWS Certified Welding Inspector Caltrans Concrete Test Methods 504, 518, 523, 533, 539, 540, 557 Caltrans Sampling Test Method 125, 125.2, 125.3, 125.4, 125.5, 125.6 Caltrans Soils and Aggregates (Methods 216, 231) ICC Soils Special Inspector ICC Structural Steel & Bolting Special Inspector ICC Structural Welding Special Inspector OSHA Excavation Competent Person Certification Radiation (Nuclear Gauge) User Safety USDOT HAZMat Refresher Training	24
Hector Heredia Senior Laboratory Technician	AASHTO T209, T238, T248, T255, T269, T275, T283, CT371 Moisture Susceptibility and Tensile Stress Ratio AASHTO T11, T27, R47, R76, T166, T176 Sieve Analysis (Washing) - Fine Aggregates AASHTO T308, T312, T324, T329, T335, SuperPave and Gyratory Compactor AASHTO T324 SuperPave Hamburg Wheel ACI Concrete Strength Testing Technician Caltrans Soils and Aggregates Test Methods 206, 229, 301, 304, 308, 309, 366, 370, 382 Caltrans Soils and Aggregates Test Methods 105, 201, 202, 217, 226, 227	21
Vance Hunter Senior Field Technician	ACI Concrete Field Testing Technician Grade I Caltrans Concrete Test Methods 504, 518, 523.1, 533, 539, 540, 556, 557 Caltrans Sampling Test Method 125 Caltrans Soils and Aggregates Test Methods 105, 201, 202, 205, 216, 217, 226, 227 eRailSafe System Badge, 300882 OSHA 40 Hour HAZWOPER Certification OSHA 8 Hour HAZWOPER Certification OSHA Excavation Competent Person Radiation (Nuclear Gauge) User Safety USDOT HAZMat Refresher Training	21
Chi Blakley Special Inspector	ACI Concrete Field Testing Technician Grade I AWS Certified Welding Inspector, No. 12061731 ICC Commercial Residential Building Inspector ICC Reinforced Concrete Special Inspector ICC Pre-Stressed Concrete Special Inspector ICC Structural Masonry Special Inspector ICC Structural Steel and Bolting Special Inspector ICC Structural Velding Special Inspector ICC Spray-applied Fireproofing Special Inspector ICC Soils Special Inspector FYFE Fiber Reinforced Polymer (FRP) Certification Orange County Inspector Radiation (Nuclear Gauge) User Safety OSHA 10 Hour Construction Safety Certification	21
Steven Moudy Senior Field Technician	ACI Concrete Field Testing Technician Grade I Radiation (Nuclear Gauge) User Safety USDOT HAZMat Refresher Training	20

Team Member & Role	Certifications	Years of Experience
Eugene Frazier Senior Field Technician	16-Hour Asbestos O&M Initial Certification ACI Field Testing Technician Grade I Caltrans Concrete Test Methods 504, 518, 523.1, 524, 533, 539, 540, 556, 557 Caltrans Sampling Highway Materials Test Method 125 Caltrans Soils and Aggregates Test Methods 105, 125, 201, 202, 205, 216, 217, 226, 227, 229 John Wayne Airport Security Badge OSHA 40 Hour Hazwoper Certification OSHA 8 Hour Hazwoper Certification Radiation (Nuclear Gauge) User Safety USDOT HAZMat Refresher Training	19
Jose Soto Special Inspector	ACI Concrete Field Testing Technician Grade I AWS Certified Welding Special Inspector DSA Masonry Special Inspector, #5432 ICC Prestressed Concrete Special Inspector ICC Reinforced Concrete Special ICC Spray-applied Fireproofing Special Inspector ICC Structural Masonry Special Inspector ICC Structural Steel & Bolting Special Inspector ICC Structural Steel & Bolting Special Inspector ICC Structural Welding Special Inspector ICC Structural Welding Special Inspector ICC Structural Welding Special Inspector USDOT HAZMat Refresher Training	19
Joe Levario Senior Field Technician	ACI Concrete Field Testing Technician Grade I BNSF Contractor, No. UIBNSFCACA011902740 Caltrans Concrete Test Methods 504, 518, 523, 533, 539, 540, 556, 557 Caltrans Sampling Test Method 105, 125 Caltrans Soils Test Methods 201, 202, 205, 216, 217, 226, 227 eRailSafe, Contractor, No. 727113 OSHA Excavation Competent Person Certification Radiation (Nuclear Gauge) User Safety USDOT HAZMat Refresher Training	16
James Dalgity Laboratory Manager	ACI Aggregate Testing Technician Level I ACI Concrete Field Testing Technician Grade I ACI Concrete Laboratory Technician Level I ACI Concrete Laboratory Testing Technician level II ACI Concrete Strength Testing Technician Caltrans Concrete Test Methods 504, 518, 521, 523, 533, 539, 540, 556, 557 Caltrans Sampling Test Method 125 Caltrans Soils Test Methods 105, 201, 202, 211, 216, 217, 226, 227 Caltrans Soils Test Methods 205, 207, 234, 235 Radiation (Nuclear Gauge) User Safety USDOT HAZMat Refresher Training	15
Matthew Puraty Senior Field Technician	ACI Concrete Field Testing Technician Grade I OSHA Excavation Competent Person Certification Radiation (Nuclear Gauge) User Safety USDOT HAZMat Refresher Training	15
Matthew Jacobs Senior Field Technician	ACI Concrete Field Testing Technician Grade I City of Los Angeles Deputy Building Inspector - Grading, No. P030742 City of Los Angeles Special Inspector ICC Reinforced Concrete Special Inspector ICC Soils Special Inspector OSHA 10 Hour Certification OSHA 40 Hour Hazwoper Certification OSHA 40 Hour Hazwoper Certification OSHA Excavation Competent Person Radiation (Nuclear Gauge) User Safety USDOT, HAZMAT 49CFR 172, Subpart H	14
Daniel Eguia Senior Field Technician	ACI Concrete Field Testing Technician Grade I BNSF Contractor, No. UIBNSFCACA041900697 Caltrans Concrete Test Methods 504, 518, 523.1, 533, 539, 540, 556, 557 Caltrans Sampling Highway Materials Test Method 125 Caltrans Soils Test Methods 105, 201, 202, 217, 227 Caltrans Test Methods 125, 216, 231 Radiation (Nuclear Gauge) User Safety USDOT HAZMat Refresher Training	13

Team Member & Role	Certifications	Years of Experience
Jacob Huffman Special Inspector	ACI Concrete Field Testing Technician Grade I Caltrans Concrete Test Methods 504, 518, 523.1, 533, 539, 540, 543, 556, 557 Caltrans Soils and Aggregates Test Methods 105, 125, 201, 202, 205, 216, 217, 226, 227, 229 ICC Reinforced Concrete Inspector OSHA Excavation Competent Person Radiation (Nuclear Gauge) User Safety USDOT HAZMat Refresher Training	12
Wilkins Cobian Senior Field Technician	ACI Concrete Field Testing Technician Grade I ACI Concrete Strength Testing Technician BNSF, No. UIBNSFCACAA021901573 Caltrans Soils and Aggregates (105, 125, 201, 202, 205, 216, 217, 226, 227, 229) Radiation (Nuclear Gauge) User Safety USDOT HAZMat Refresher Training	10
George Schubert, Jr. Senior Field Technician	ACI Concrete Field Testing Technician Grade I OSHA Excavation Competent Person Certification Radiation (Nuclear Gauge) User Safety USDOT HAZMat Refresher Training	9
Paul Medina Special Inspector	ACI Adhesive Anchor Installation Inspector ACI Concrete Field Testing Technician Grade I ACI Concrete Strength Testing Technician City of Newport Beach Concrete and Masonry Inspector City of Long Beach Epoxy Inspector City of Long Beach Epoxy Inspector City of Long Beach Fire-Proofing Inspector City of Long Beach Prestressed Inspector City of Long Beach Reinforced Concrete Inspector DSA Masonry Special Inspector ICC California Commercial Building Inspector ICC Reinforced Concrete Special Inspector ICC Reinforced Concrete Special Inspector ICC Soils Special Inspector ICC Structural Steel and Bolting Inspector ICC Structural Masonry Special Inspector USDOT HAZMat Refresher Training	7

Public Works Requirements

Ninyo & Moore's Materials Testing and Inspection Division is capable of performing a wide variety of materials testing and inspection services involving soils and aggregates, asphalt concrete, reinforced concrete, masonry, prestressed concrete, structural steel, welding, roofing, and fireproofing for construction and modernization projects. Ninyo & Moore laboratories are supervised by registered civil engineers, and meet the requirements of American Society for Testing and Materials (ASTM) E329, ASTM C1077, ASTM D3740, and ASTM D3666. Ninyo & Moore's testing equipment is calibrated annually by qualified representatives utilizing equipment approved by the National Institute of Standards and Technology, and is regularly inspected by representatives of the Cement and Concrete Reference Laboratory (CCRL). Ninyo & Moore's testing laboratories are inspected and/or accredited by AASHTO, Caltrans, the Division of the State Architect, the City of Los Angeles, the City of San Diego, Caltrans, Nevada Department of Transportation, Arizona Department of Transportation, Clark County, City of Las Vegas, and U.S. Army Corps of Engineers.

Division of the State Architect

Our professional staff has a thorough knowledge of the applicable laws and regulations governing California public school construction, including Section 17212 and 17212.4 of the Education Code and Title 24 Parts 1 and 2 of the California Code of Regulations, which has led to many successful project closeouts with DSA. Our staff also attends workshops and conferences

to keep up to date with updated code requirements. Ninyo & Moore has performed this work for K-12 school districts, community colleges, private schools, and higher education colleges and universities.

Ninyo & Moore has dedicated staff with several years of experience utilizing DSA Box. The extensive knowledge and capabilities to upload daily reports and test results in a timely manner assists the team in up-to-date reporting and project progress status. We are very familiar with filtering through the various DSA Box folders, the procedures with naming specific files, and interim and final report upload. In addition to understanding DSA box, we have the technology tools and skill sets to view and add to any on-line software the district may use.

State Department of Conservation, California Geological Survey

Our geologic and geotechnical reports have successfully been reviewed by DSA and the State Department of Conservation's California Geological Survey (CGS), specifically in relation to CGS Note 48, Checklist for Review of Engineering Geology and Seismology Reports for California Public Schools, Hospitals, and Essential Services Buildings. We have successfully completed hundreds of DSA school modernizations and new construction that were under the review of DSA and CGS and are experienced with their requirements and procedures for public school design and construction.

Other Applicable State and Local Agencies

Ninyo & Moore is currently working with many school districts in compliance the California Education Code (CEC), Section 17212, which addresses geologic hazards and special study zone investigations of sites prior to acquisition of a site for school buildings, and Section 17212.5 which specifically addresses geologic and geotechnical studies for the site located within or outside identified special study zones. Ninyo & Moore's in-house, California licensed Registered Geologists, Certified Engineering Geologists, Civil Engineers and Geotechnical Engineers, have prepared many geologic hazards reports and fault study reports for school districts looking to acquire property for new school sites, as well as for existing school sites that are planning to expand. Our geotechnical and geologic investigations are performed in accordance with Group 1 (Safety of Construction of Public Schools), Article 3, Section 4-317, of Title 24, Part 1 of the California Code of Regulations, for Site Data, and the associated soil investigation report for building foundations and report of geologic and earthquake hazards. When evaluating for difficult sites, such as sites near faults or in areas of other geologic or geotechnical hazards, we will develop our data collection plan which will meet the requirements of CGS Note 48 and, with the client's approval, contact CGS prior to our evaluation in order to discuss our evaluation program and receive any input and comments they might have to our evaluation program. We have found that this proactive step in the evaluation process results in efficient review and approval of our design reports. We have utilized this approach on many school facility projects and have found it to be very effective for our clients.

California Code of Regulations Title 24, Part 2 is the California Building Code. This document is separated into two volumes; Volume 1 contains Chapters 1-15 and Volume 2 contains Chapters 16-35 and Appendices. Our geotechnical and geologic investigations for public school sites include seismic analyses and site-specific earthquake response spectra as required in Chapter 16A. Chapter 18A of Volume 2, Soils and Foundations, includes detailed requirements for our geotechnical investigations for public school design and construction, including requirements for our field investigation, laboratory testing, analyses, and report content. This chapter also includes specific requirements for various types of foundation systems for both design and construction that our reports address. Our design reports are signed and stamped by California-licensed Certified Engineering Geologists and Geotechnical Engineers as required by the code.

California Department of Education (CDE). As it relates to school construction projects, the CDE determines if an applicant school district meets eligibility requirements for new construction funding or improvements. The CDE verifies and adjusts, as necessary, and approves the school district's application. The Board of Education verifies that the school district has the required 50 percent matching funds from local sources have been expended by the district for the project, or have been deposited in the county fund, or will be expended by the district by the time the project is completed, in an amount at least equal to the proposed apportionment. As it relates to construction projects in the school district, the CDE addresses the requirements for preparing requests for proposals setting forth the scope of the project that may include, but is not limited to, the size, type and desired design character of the buildings and site, performance specifications covering the quality of materials, equipment, and workmanship, preliminary plans or building layouts, or any other information deemed necessary to describe adequately the school district's needs. The CDE specifies that the performance specifications and plans shall be prepared by a design professional duly licensed or registered in this state. Ninyo & Moore project personnel have the

required licenses and registrations in the state of California for the scope of services under this contract. In addition, Ninyo & Moore has a State of California Class A Hazard Contractors License.

District Contracts

Ninyo & Moore has not held any contracts with the District in the last three years.

Project and Cost Management

Project Management

Ninyo & Moore has established effective management control systems, have integrated them for efficient project administration, and have trained staff to respond quickly and efficiently to task orders and project situations as they arise in order to meet project

deadlines. Having completed many complex projects within strict time constraints, Ninyo & Moore has developed flexible management systems which allow project managers to draw on experienced technical and administrative personnel throughout the company. This allows the use of a wide-ranging personnel base at reduced cost to the project and has resulted in efficient budget control and adherence to project schedules. Contract needs are met by assigning appropriate resources (experienced personnel and equipment) as needed to meet specific project requirements.

Ninyo & Moore's project managers are available throughout the duration of all project assignments. Twenty-four-hours-a-day, seven-days-a-week, point-of-contact telephone/ cell phone numbers are provided to the designated project manager/representative(s). Client requests are addressed immediately and emergency response to those projects requiring it is provided throughout the duration of the project. If required, Ninyo & Moore project managers can accelerate project scheduling without compromising quality by adding additional professional staff and working extended hours and weekends. Ninyo & Moore has several facsimile machines, courier, and e-mail services for purposes of transmitting/sending information immediately following such requests.

Ninyo & Moore maintains its exceptional reputation in the industry by providing quality technical expertise and by meeting schedules with strict time constraints. Ninyo &



Moore utilizes a phased project approach that enables scheduling of project personnel and equipment such that the scope of work/task orders can be accomplished within the required time limit. Ninyo & Moore routinely schedules approximately 50 projects per month and almost all (98%) come in on schedule. The reason for this high rate of success is that the firm's management teams draw from in-house resources, as needed, to meet specific project needs. If the project is delayed, (e.g., adverse weather, equipment breakdowns, etc.), Ninyo & Moore's project manager immediately informs the client and works with the client to develop a satisfactory new schedule.

Billing Rates

Having completed many complex projects within strict time constraints, the Ninyo & Moore project team has developed flexible management systems that allow project managers to draw on experienced technical and administrative personnel throughout the company. This allows the use of a vast personnel base at reduced cost to the project and has resulted in efficient budget control and adherence to project schedules. Contract needs are met by assigning appropriate management, technical staff, and equipment as needed to meet specific project requirements. As requested, the following pages provide our billing rates for all personnel and/or categories of employees as well as any overhead or other special charges.

Schedule of Fees

Hourly Charges for Personnel

Professional Staff

Principal Engineer/Geologist/Environmental Scientist/Certified Industrial Hygienist	\$ 5 188
Senior Engineer/Geologist/Environmental Scientist	\$ \$ 178
Senior Project Engineer/Geologist/Environmental Scientist	\$ \$ 173
Project Engineer/Geologist/Environmental Scientist	\$ 3 165
Senior Staff Engineer/Geologist/Environmental Scientist	\$ \$ 150
Staff Engineer/Geologist/Environmental Scientist	
GIS Analyst	
Technical Illustrator/CAD Operator	
Field Staff	
Certified Asbestos/Lead Technician	\$ 5 173
Field Operations Manager	\$ \$ 119
Nondestructive Examination Technician (UT, MT, LP)	\$ \$ 114
Supervisory Technician	\$ \$ 104
Special Inspector (Concrete, Masonry, Structural Steel, Welding, and Fireproofing)	\$ \$ 104
Senior Technician	\$ \$ 103
Technician	\$ § 98
Administrative Staff	
Information Specialist	\$ \$ 83
Geotechnical/Environmental/Laboratory Assistant	
Data Processor	\$ 5 71

Other Charges

Concrete Coring Equipment (includes technician) Anchor Load Test Equipment (includes technician) GPR Equipment Inclinometer Hand Auger Equipment Rebar Locator (Pachometer) Vapor Emission Kit Nuclear Density Gauge X-Ray Fluorescence	\$\$\$\$ \$\$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$ \$	190/hr 190/hr 180/hr 100/hr 80/hr 25/hr 65/kit 12/hr 70/hr
PID/FID	э \$	25/hr
Air Sampling Pump	\$	10/hr
Field Vehicle	\$	15/hr
Expert Witness Testimony	\$	450/hr
	st pl	us 15 %
Special equipment charges will be provided upon request.		

Notes

For field and laboratory technicians and special inspectors, overtime rates at 1.5 times the regular rates will be charged for work performed in excess of 8 hours in one day Monday through Friday and all day on Saturday. Rates at twice the regular rates will be charged for all work in excess of 12 hours in one day, all day Sunday and on holidays.

Field technician and special inspection hours are charged at a 4-hour minimum, and 8-hour minimum for hours exceeding 4 hours.

Invoices are payable upon receipt. A service charge of 1.5 percent per month may be charged on accounts not paid within 30 days.

Our rates will be adjusted in conjunction with the increase in the Prevailing Wage Determination during the life of the project, as applicable.

The terms and conditions are included in Ninyo & Moore's Work Authorization and Agreement form.

Schedule of Fees for Laboratory Testing

50IL5		
Atterberg Limits, D 4318, CT 204	\$	170
California Bearing Ratio (CBR), D 1883	\$	550
Chloride and Sulfate Content, CT 417 & CT 422	\$	175
Consolidation, D 2435, CT 219	\$	300
Consolidation, Hydro-Collapse only, D 2435	\$	150
Consolidation – Time Rate, D 2435, CT 219	\$	200
Direct Shear – Remolded, D 3080	\$	350
Direct Shear – Undisturbed, D 3080	\$	300
Durability Index, CT 229	\$	175
Expansion Index, D 4829, IBC 18-3	\$	190
Expansion Potential (Method A), D 4546	\$	170
Geofabric Tensile and Elongation Test, D 4632	\$	200
Hydraulic Conductivity, D 5084	\$	350
Hydrometer Analysis, D 422, CT 203	\$	220
Moisture, Ash, & Organic Matter of Peat/Organic Soils	\$	120
Moisture Only, D 2216, CT 226		35
Moisture and Density, D 2937	\$	45
Permeability, CH, D 2434, CT 220	\$	300
pH and Resistivity, CT 643	•	175
Proctor Density D1557, D 698, CT 216, AASHTO T-180	\$	220
Proctor Density with Rock Correction D 1557	\$	340
R-value, D 2844, CT 301	\$	375
Sand Equivalent, D 2419, CT 217	\$	125
Sieve Analysis, D 422, CT 202	\$	145
Sieve Analysis, 200 Wash, D 1140, CT 202	\$	100
Specific Gravity, D 854	\$	125
Thermal Resistivity (ASTM 5334, IEEE 442)	\$	925
Triaxial Shear, C.D, D 4767, T 297	\$	550
Triaxial Shear, C.U., w/pore pressure, D 4767, T 2297 per pt	\$	450
Triaxial Shear, C.U., w/o pore pressure, D 4767, T 2297 per pt	\$	350
Triaxial Shear, U.U., D 2850		250
Unconfined Compression, D 2166, T 208	\$	180

MASONRY

Brick Absorption, 24-hour submersion, 5-hr boiling, 7-day, C 67	\$ 70
Brick Compression Test, C 67	\$ 55
Brick Efflorescence, C 67	\$ 55
Brick Modulus of Rupture, C 67	\$ 50
Brick Moisture as received, C 67	\$ 45
Brick Saturation Coefficient, C 67	\$ 60
Concrete Block Compression Test, 8x8x16, C 140	\$ 70
Concrete Block Conformance Package, C 90	\$ 500
Concrete Block Linear Shrinkage, C 426	\$ 200
Concrete Block Unit Weight and Absorption, C 140	\$ 70
Cores, Compression or Shear Bond, CA Code	\$ 70
Masonry Grout, 3x3x6 prism compression, C 39	\$ 45
Masonry Mortar, 2x4 cylinder compression, C 109	\$ 35
Masonry Prism, half size, compression, C 1019	\$ 120
Masonry Prism, Full size, compression, C 1019	\$ 200

REINFORCING AND STRUCTURAL STEEL

Chemical Analysis, A 36, A 615	\$ 135
Fireproofing Density Test, UBC 7-6	\$ 90
Hardness Test, Rockwell, A 370	\$ 80
High Strength Bolt, Nut & Washer Conformance,	
per assembly, A 325	\$ 150
Mechanically Spliced Reinforcing Tensile Test, ACI	\$ 175
Pre-Stress Strand (7 wire), A 416	\$ 170
Reinforcing Tensile or Bend up to No. 11, A 615 & A 706	\$ 75
Structural Steel Tensile Test: Up to 200,000 lbs., A 370	\$ 90
Welded Reinforcing Tensile Test: Up to No. 11 bars, ACI	\$ 80

CONCRETE		
Compression Tests, 6x12 Cylinder, C 39		35
Concrete Mix Design Review, Job Spec		300
Concrete Mix Design, per Trial Batch, 6 cylinder, ACI	\$	850
Concrete Cores, Compression (excludes sampling), C 42	\$	120
Drying Shrinkage, C 157		400
Flexural Test, C 78		85
Flexural Test, C 293		85
Flexural Test, CT 523		95
Gunite/Shotcrete, Panels, 3 cut cores per panel and test, ACI		275
Lightweight Concrete Fill, Compression, C 495		80
Petrographic Analysis, C 856 Restrained Expansion of Shrinkage Compensation		
Splitting Tensile Strength, C 496	φφ	450 100
3x6 Grout, (CLSM), C 39		55
2x2x2 Non-Shrink Grout, C 109		55
	φ	55
ASPHALT	¢	05
Air Voids, T 269		85
Asphalt Mix Design, Caltrans (incl. Aggregate Quality)		4,500
Asphalt Mix Design Review, Job Spec Dust Proportioning, CT LP-4		85
Extraction, % Asphalt, including Gradation, D 2172, CT 382	φ	80 250
Extraction, % Asphalt without Gradation, D 2172, CT 382		250 150
Film Stripping, CT 302		
Hveem Stability and Unit Weight D 1560, T 246, CT 366		225
Marshall Stability, Flow and Unit Weight D 1900, 1 240, C1 300		
Maximum Theoretical Unit Weight, D 2041, CT 309.		150
Moisture Content, CT 370		95
Moisture Susceptibility and Tensile Stress Ratio, T 238, CT 371	Ψ \$	1 000
Slurry Wet Track Abrasion, D 3910		
Superpave, Asphalt Mix Verification (incl. Aggregate Quality)	\$	4 900
Superpave, Gyratory Unit Wt., T 312	\$	100
Superpave, Hamburg Wheel, 20,000 passes, T 324	\$	1 000
Unit Weight sample or core, D 2726, CT 308	Ś	100
Voids in Mineral Aggregate, (VMA) CT LP-2		90
Voids filled with Asphalt, (VFA) CT LP-3	\$	90
Wax Density, D 1188	\$	140
AGGREGATES		
Clay Lumps and Friable Particles, C 142		180
Cleanness Value, CT 227		180
Crushed Particles, CT 205		175
Durability, Coarse or Fine, CT 229		205
Fine Aggregate Angularity, ASTM C 1252, T 304, CT 234		180
Flat and Elongated Particle, D 4791		220
Lightweight Particles, C 123		180
Los Angeles Abrasion, C 131 or C 535		200
Material Finer than No. 200 Sieve by Washing, C 117		90
Organic Impurities, C 40		90
Potential Alkali Reactivity, Mortar Bar Method, Coarse, C 1260		
Potential Alkali Reactivity, Mortar Bar Method, Fine, C 1260		
Potential Reactivity of Aggregate (Chemical Method), C 289		475
Sand Equivalent, T 176, CT 217		125
Sieve Analysis, Coarse Aggregate, T 27, C 136		120
Sieve Analysis, Fine Aggregate (including wash), T 27, C 136		145
Sodium Sulfate Soundness, C 88 Specific Gravity and Absorption, Coarse, C 127, CT 206		450 115
Specific Gravity and Absorption, Coarse, C 127, C1 206 Specific Gravity and Absorption, Fine, C 128, CT 207	φφ	175
opeonic Gravity and Absorption, Fine, C 120, C1 207	Φ	175

ROOFING

Roofing Tile Absorption, (set of 5), C 67 \$	250
Roofing Tile Strength Test, (set of 5), C 67\$	250

Special preparation of standard test specimens will be charged at the technician's hourly rate. Ninyo & Moore is accredited to perform the AASHTO equivalent of many ASTM test procedures.

Approach & Methodology

Ninyo & Moore has developed a specific project approach for administering on-call / as-needed contracts for school districts. This approach allows our Project Manager to remain as the single-point-of contact throughout the duration of the contract, ensuring that our work product is consistent and meets the agencies requirements. If necessary, the Project Manager will utilize our pool of experienced and qualified task managers to oversee specific task order assignments should multiple task orders be assigned concurrently. The large pool of staff engineers, geologists, field/laboratory technicians and inspectors enables us to provide our personnel on-site when requested without delay. This approach has resulted in many satisfied clients.

- Develop Scope of Work The initial step in our approach is to meet with the District Project Manager in order to get clear understanding of the project and our expected services. For design projects, we will review the proposed project plans and available background information to understand the proposed site development. For construction projects, we will review the DSA 103 Testing and Inspection sheet as well as the DSA approved plans and specifications to develop our scope of work.
- 2. Project Personnel Utilization Upon approval of our scope of work, we will assign the appropriately certified personnel to the project based on the specific needs of the project. Our large pool of licensed professional geotechnical engineers, civil engineers, and certified engineering geologists will be utilized for our geotechnical investigation. Our project management approach and in-house computerized data base ensure that we have the appropriately certified personnel assigned during construction.
- 3. Sampling Protocol and Document Control We will next establish the sampling protocols required for the project, based on the project specifications and the Code requirements, and other governing specifications. Our document control system provides unique identification of daily reports and laboratory conformance testing for each project assignment. These systems are a part of our Quality Systems Program and will be utilized for each task order assignment. All test data and reports will include the DSA application and file numbers.
- 4. Establish Communication Lines The next step in our approach is to establish the communication lines for the project, including the authorized District representative who will be requesting our services. We will also request the approved distribution list for our test and inspection reports. Often we will attend pre-construction meetings and establish a client approved distribution list for our materials testing and inspection reports as well as our laboratory conformance testing results. We will also provide the District's representatives with our personnel's mobile telephone numbers, and e-mail addresses for communication during the project. We will also establish the communication lines between the District's Project Manager, DSA Inspector, and the contractors' and subcontractors' representatives.
- 5. Utilize Our Project Controls Ninyo & Moore utilizes an internal project control system that includes budget, schedule, and document review and control. Our project manager will utilize our in-house system to keep the District's Project Manager informed about the status of our services. We include monthly progress reports indicating the amount billed to date



along with a comparison to the overall task order budget and the overall construction schedule. Our quality control includes review of our laboratory conformance test results by a California licensed engineer and geotechnical analysis review by a California-licensed Geotechnical Engineer.

- 6. Perform Field and Laboratory Testing When construction commences, we will provide the necessary personnel and equipment to inspect and test the construction materials quality and contractor's construction methods in order to document conformance to the project plans and specifications. We will also sample the construction materials as required and perform laboratory conformance tests as specified. The results of our inspections and tests will be forwarded to the District representatives at the end of each working day. Immediate notification will be provided via phone and/or e-mail if we find non-conformance in materials or workmanship. Our local laboratory facilities will perform 100 percent of the materials laboratory work for this contract. They are certified in compliance with ASTM E-329 and are approved / accredited by the City of Los Angeles, DSA, Metropolitan Transportation Authority, Caltrans, and the Cement and Concrete Reference Laboratory (CCRL).
- 7. Quality Assurance Review We understand the importance of reliability of our inspections and test results. Therefore, we have a Quality Assurance Plan in place that provides written procedures for our services. Our Quality Assurance Plan is overseen by a California licensed Engineer and includes review of our training procedures, as well as participation in third party review and inspection of our facilities. All laboratory conformance tests are reviewed by a California-licensed engineer prior to submittal
- 8. Reports Written reports are required for project documentation. We will submit our written daily reports during construction at the end of each work shift. Passing tests and inspections will be filed in accordance with the document control system. Test data, daily reports and signed Interim Verified Reports will be uploaded to the DSA Box during each phase of construction. Non-conformance areas will need to be remedied in accordance with the project requirements. When non-conforming materials or workmanship are remedied, we will document the acceptance in the non-conformance log for project closeout purposes.
- 9. Project Closeout The final step in our approach is the closing out of the project and providing the project documentation, as it relates to materials testing and inspection, to the DSA Box. Our closeout documents typically include the Laboratory Verified Report (DSA-291), Specialty Inspection Verified Reports (DSA-292) and Geotechnical Verified Report (DSA-293). at the end of each work shift. Passing tests and inspections will be filed in accordance with the document control system. Test data, daily reports and signed Interim Verified Reports will be uploaded to the DSA Box during each phase of construction. Non-conformance areas will need to be remedied in accordance with the project requirements. When non-conforming materials or workmanship are remedied, we will document the acceptance in the non-conformance log for project closeout purposes.

Computer Project Management/Scheduling and

Electronic Design

Ninyo & Moore utilizes the Deltek Vision program to streamline project management and accounting performance of the firm. Some features of the new programs include:

- Ability to track the hours charged to your project on a real-time basis (as soon as someone puts it on their timesheet).
- Real time status on all work in progress and budgetary information.
- Email and dashboard alerts regarding any project changes so that immediate attention can be given to a project requiring it.
- Remote access for timesheets and expense sheets
- Ability to email invoices to the client as they are completed.
- Drill down capability in reports to the actual transactional data.
- Manage each project with up-to-date estimates at completion vs. budget reports.



Subconsultants

Ninyo & Moore has personnel and equipment resources to provide the professional geotechnical engineering services and materials testing and inspection services without the need of subconsultants.

References

Ninyo & Moore's has amassed an astonishing summary of experience of on-call contracts through its 35 years of professional services for educational entities, cities, and public agencies. Per the RFQ, the following Ninyo & Moore's references can speak on our experience providing geotechnical engineering and materials testing services for K-12 schools.

District	Reference
Orange Unified School District 1401 N. Handy Street Orange, CA 92867	Tom Filbeck Construction Coordinator tomf@orangeusd.org (714) 628-4504
Compton Unified School District 429 S. Oleander Street Compton, CA 90220	Nathaniel Holt Chief Facilities Office & Bond Program Manager nholt@compton.k12.ca.us (310) 639-4321
Los Angeles Unified School District 333 S. Beaudry Avenue, 19th Floor Los Angeles, CA 90017	Peyman Soroosh Moghadam Supervising Structural Engineer peyman.soroosh@lausd.net (213) 241-1000

Legal Issues

Ninyo & Moore maintains an excellent litigation history. There is no current or threatened litigation against our firm or the owner that may affect our performance or completion of this contract. Below is a table summarizing all claims from the past five years.

Project Name	Dates	Involved Parties	N&M Office	Nature of Dispute	Disposition
Los Penasquitos Lagoon Bridge, San Diego, CA Claim No. MXXL40572	7/20/16 to present	SANDAG HDR	San Diego	Settlement	Mediation

Please note: This information is confidential.



The required forms can be found in Appendix B.

Appendix A

Resumes of Key Personnel

Kurt S. Yoshii, PE, GE, ENV SP Principal-in-Charge



EDUCATION B.S., Civil Engineering, 1990, University of California, Berkeley

REGISTRATIONS/

PE 54759 (California)

GE 2508 (California)

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers

American Society for Testing and Materials

American Concrete Institute

American Council of Engineering Companies

American Public Works Association

Asian American Architects / Engineers Association As a Principal Engineer for Ninyo & Moore, Mr. Yoshii provides principal oversight on geotechnical evaluations and materials testing and inspection for residential, commercial, and public facilities, including correctional facilities, schools, hospitals, highways, railroads, pipelines, and bridges; oversees geotechnical analyses including slope stability analyses, flexible and rigid pavement design, and underground pipeline design; reviews geotechnical reports, and provides geotechnical design parameters and recommendations for grading and earthwork, shallow and deep foundations, retaining structures, and in-situ ground remediation; oversees the soils and materials laboratory operations and provides supervision and technical support to project-level engineers and geologists; as well as provides expert witness services on litigation projects.

EXPERIENCE

Newport Mesa Unified School District, Various School Sites in Costa Mesa and Newport Beach: Served as Project Manager retained to provide oversight for geotechnical consulting services for various school sites within the Newport-Mesa Unified School District associated with the Measure A School Facilities Improvement Project, in the cities of Costa Mesa and Newport Beach, California.

Los Angeles Unified School District, On-Call Geotechnical Consulting Services, Los Angeles, California: Project Manager for Ninyo & Moore's on-call geotechnical services contract to support both the design and construction of Los Angeles Unified School District school facilities in accordance with the requirements and under the review of the Division of the State Architect (DSA) 85.

Compton Unified School District/ Compton High School Reconstruction Project, Compton, California: Principal Engineer provided oversight for the geotechnical evaluation to provide design level recommendations for planned reconstruction in accordance with DSA guidelines.

Hector Godinez, High School No. 5, Santa Ana, California: Project Manager providing geotechnical consulting services for the design of the proposed High School No. 5, in Santa Ana, California. Mr. Yoshii prepared the subsurface exploration and sampling plan for the site, supervised the field sampling and testing program including logging of the exploratory borings and CPT excavations, and reviewed the laboratory testing data and developed appropriate soil parameters for use in the geotechnical calculations. Mr. Yoshii developed geotechnical site parameters for the use in the design of the project, including bearing capacity, lateral earth pressures, seismic earth pressures and anticipated settlements. He supervised analysis of subsurface exploration data and preparation of geologic cross sections and managed the project geotechnical evaluation and provided consultation to client. He also supervised the site grading operations and provided appropriate field recommendations as necessary for changed on unanticipated conditions, when encountered, and the field and laboratory conformance testing of the construction materials, including aggregates, base materials, Portland cement concrete, asphalt concrete, reinforcing and structural steel, fireproofing, and roofing materials.

Kurt S. Yoshii, PE, GE, ENV SP Principal-in-Charge

Inglewood Unified School District Monroe TK-5 New Modular Classrooms, Inglewood, California: Principal Engineer retained to provide oversight during geotechnical design and testing services for the Monroe TK-5 New Modular Classrooms project. The project involved the construction of four new PC-approved modular classroom buildings. The new buildings house classrooms, resource rooms, workrooms, restrooms, and a custodial room. Other new structures included construction of two PC-approved shade structures. Other site improvements included site modifications for new construction, fences and gates, an electrical yard, new utilities, and a new parking lot. Services included testing and inspection of soil, concrete, and structural steel. In-plant inspections included welding inspection and Non-Destructive Testing (NDT) services at the fabrication plant located in Silver Creek, CA. Earthwork was performed in accordance with the Ninyo & Moore geotechnical report and addendum.

Orange Unified School District, Villa Park High School Track and Field, Villa Park, California: Principal Geotechnical Engineer provided oversight for geotechnical consulting services.

Inglewood Unified School District, Monroe Middle School Modular Project, Inglewood, California: Principal Geotechnical Engineer provided oversight and review for geotechnical engineering services.

Long Beach Community College District/Child Development Center, Liberal Arts Campus, Long Beach, California; Principal-in-Charge for geotechnical design report for the Child Development Center which included four, separate 1-story buildings with a total square footage of 11,300 feet. Services included a geotechnical investigation for the new building construction and performance of a geophysical survey, including using ground penetration radar, to locate existing underground utilities. Design services included reviewing background geotechnical data, geologic maps and stereoscopic aerial photographs, geologic reconnaissance to map surface conditions and mark boring locations, subsurface exploration, laboratory testing, engineering analysis, and providing geotechnical recommendations for design and construction of future improvements at the college.

South Orange County Community College District, Saddleback Community College Photo Radio Television Renovation, Mission Viejo, California: Principal-in-Charge with oversight of the entire contract.

Garreth Saiki, PE, GE Project Manager



EDUCATION

MBA, 1998, University of California Davis

M.S., Geotechnical Engineering, 1989, University of California Berkeley

B.S., Civil Engineering, 1987, University of California Berkeley

REGISTRATIONS/

PE 49665 (California)

GE 2509 (California)

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers

As a Principal Engineer for Ninyo & Moore, Mr. Saiki coordinates and conducts geotechnical evaluations for residential, commercial, and public facilities, including highways, railroads, airports, pipelines, public and private buildings, and bridges; performs slope stability analyses, flexible and rigid pavement design, and underground pipeline design; prepares and reviews geotechnical reports; and provides geotechnical design parameters and recommendations for shallow and deep foundations, retaining structures, in-situ ground remediation and earthwork; reviews laboratory results, project plans and specifications; provides supervision and technical support to stafflevel engineers and geologists; performs project administration and management; and provides forensic evaluation of distressed pavement, residential and commercial structures.

EXPERIENCE

Los Angeles Unified School District, Geotechnical Consulting Services at Various School Sites, California: As Project Manager, Mr. Saiki provided geotechnical consulting services for the design and construction for various new school sites and school expansion projects for the Los Angeles Unified School District. Design projects included geohazard and/or geotechnical evaluations for the new Valley Region High School No. 9, Elementary School No. 12, Byrd High School Reconfiguration, Monroe Span K-8 School, Span K-8 No. 1 School, South Region High School No. 14, and Elementary School No. 6. Geotechnical services were also provided for the expansion/improvements at Liggett Elementary School parking lot, Chatsworth High School elevator, and Latona Elementary School. Mr. Saiki coordinated and supervised the review of background geologic documents, supervised the subsurface exploration program which included the drilling of exploratory borings and use of Cone Penetrometer testing (CPT), developed the laboratory testing program, evaluated the laboratory test results, performed or reviewed the geotechnical analysis, and prepared or reviewed the geotechnical reports issued for these projects.

Fullerton Joint Union High School District, Sonora High School Gymnasium, Fullerton, California: Principal Engineer provided coordination and management for the geotechnical evaluation of the site, including a subsurface investigation to evaluate the geologic conditions of the site, laboratory testing, and geotechnical analyses of the findings.

Temple City Unified School District, Temple City High School New Classrooms, Temple City, California: Project Manager provided coordination of field personnel to provide a geotechnical evaluation for the new two story classroom structure and gymnasium. Mr. Saiki has coordinated and supervised the review of background geologic documents, supervised the subsurface exploration program

Long Beach Unified School District Newcomb K8, Long Beach, California: Principal Engineer for materials testing and specialty inspections services during construction of the Newcomb K8 New School Construction project in Long Beach, California. Services supported Phase Two – New Construction, which included construction of the new school infrastructure. The new school infrastructure consists of seven new school buildings spanning 152,000 SF on more than 13 acres, as well as new site work improvements, which include sidewalks, asphalt concrete paving, dining facilities, playground, play yard, and play equipment, parking lots/drop-off zones, and new site landscaping.

Garreth Saiki Project Manager

Norwalk-La Mirada Unified School District, Corvallis Middle School Landscaping, Norwalk, California: Principal Engineer retained to provide geotechnical, materials testing, and special inspection services for the construction of the Corvallis Middle School Campus Landscaping Renovation and Accessory Structures project in Norwalk, California. Services included project coordination, management and technical support, attendance at as-requested preconstruction and field meetings, scheduling of field personnel, review of project plans and specifications, grading observation and density testing, concrete batch plant observations, concrete sampling and testing, structural steel and welding inspections, reinforced masonry inspections, inspection of post-installed anchors, as well as torque/load testing, as well as preparation and submittal of DSA interim and final geotechnical and laboratory verified reports. Our services also included shop welding inspection services at out of state fabrication shops located in Salem, Illinois, and Dallas, Texas.

Bonita Unified School District, San Dimas High School Gymnasium Expansion, San Dimas, California: Principal Engineer retained during construction for the San Dimas High School Gymnasium Expansion project in San Dimas, California. The project consisted of constructing a new extension of the existing gymnasium. Services included project coordination, technical support and management, including review of the project geotechnical reports, plans and specifications, distribution of test reports, work scheduling, submittal of Form DSA-5 and DSA-6 for each specialty inspector and regular distribution of test and inspection reports to the Project Inspector, DSA Field Representative, Structural Engineer/Architect and Construction Manager, in accordance with Title 24. Special inspection services included continuous inspection during field and shop structural steel welding and high strength bolting, non-destructive testing (NDT) of the full penetration welds at the fabrication shop and during masonry construction. Our materials testing services included concrete batch plant inspections, concrete sampling and testing in the field, mix design review, sampling, tagging and testing of construction materials such as reinforcing steel, high strength bolts and washers, CMU blocks and cement. Progress reports, test data sheets and field memoranda were prepared daily to document the items tested or inspected. Our laboratory testing included sieve analysis, sand equivalent, reinforcing steel conformance testing and compressive strength testing of concrete, grout, mortar and CMU block and core specimens sampled in the field.

Edison Elementary School Modernization Project, Santa Monica, California: Project Manager providing geotechnical consulting services for the design of the proposed addition to the existing Edison Elementary School located in Santa Monica, California. Mr. Saiki prepared the subsurface exploration and sampling plan for the site; supervised the field sampling and testing program including logging of the exploratory excavations; reviewed the collected soil and rock samples and assigned appropriate laboratory testing; and reviewed the laboratory testing data and developed appropriate soil parameters for use in the geotechnical calculations. He performed and/or oversaw the geotechnical calculations and analyses for shallow footing foundations, cast-in-drilled-hole (CIDH) piles, drive concrete and steel piles, mat foundations, settlement, liquefaction, lateral spread, slope stability, retaining walls, bulkheads; and developed geotechnical site parameters for the use in the design of the project, including bearing capacity, lateral earth pressures, seismic earth pressures, anticipated settlements, modulus of subgrade reaction, scour. He was also principal author of project geotechnical report. The proposed building will consist of a 1,000 square foot, wood-frame structure supported on shallow foundations. The new building will provide additional classroom facilities to accommodate increasing enrollment at Edison Elementary School.

Santa Monica Alternative School House Modernization Project, Santa Monica, California: Project Engineer providing geotechnical consulting services for the design of the proposed addition to the existing SMASH School located in Santa Monica, California. The proposed building will consist of a two-story, steel and wood-frame structure supported on shallow foundations. Mr. Saiki prepared the subsurface exploration and sampling plan for the site; supervised the field sampling and testing program including logging of the exploratory excavations; reviewed the collected soil and rock samples and assigned appropriate laboratory testing; and reviewed the laboratory testing data and developed appropriate soil parameters for use in the geotechnical calculations. He performed and/or oversaw the geotechnical calculations and analyses for shallow footing foundations, cast-in-drilled-hole (CIDH) piles, drive concrete and steel piles, mat foundations, settlement, liquefaction, lateral spread, slope stability, retaining walls, bulkheads; and developed geotechnical site parameters for the use in the design of the project, including bearing capacity, lateral earth pressures, seismic earth pressures, anticipated settlements, modulus of subgrade reaction, scour. He was also principal author of project geotechnical report. The new building will provide additional classroom facilities to accommodate increasing enrollment at the SMASH School.

Rajindra Handapangoda, PE, GE Project Engineer



EDUCATION

B.S., Civil & Environmental Engineering, 2005, University of California, Los Angeles

M.S., Geotechnical & Earthquake Engineering, 2006, University of California, Los Angeles

REGISTRATIONS/ PE 73171 (California)

GE 2998 (California)

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers

Mr. Rajindra Handapangoda, PE, GE, assists with acquisition, documentation, and dissemination of data related to all phases of geotechnical investigations; assists with compiling and analyzing geotechnical data obtained from both field and office research; assists with technical tasks involving data compilation, calculations, analysis, and design for design projects and/or repair recommendations; coordinates and supervises subsurface drilling activities; conducts investigations of subsurface conditions including site reconnaissance, mapping and logging of exploratory borings; coordinates with support staff consisting of technical illustrators, field and laboratory technicians, and word processors; and prepares correspondence, permit requests, geotechnical reports and other documents.

EXPERIENCE

Fullerton Joint Union High School District Troy High School Pool Replacement, Fullerton, California: Project Manager during construction of the Troy High School Pool Replacement construction project in Fullerton, California. The project consisted of the demolition of the previous pool and construction of a new aquatic pool. Other site improvements included construction of two new buildings, pool deck, new shade structures, three new outdoor bleachers, MUSCO lighting, and alterations to an existing building and site work. Site work consisted of new pavements, site utilities, fencing, and gates. Services included geotechnical testing, special inspection and materials testing associated with concrete, shotcrete, structural steel, high strength bolts, post-installed anchors, and masonry during construction of the pool, foundation system, buildings, and site work. Specifically, our scope of work included project coordination, technical support and management, including review of the project geotechnical reports, plans and specifications, distribution of test reports, work scheduling, and regular distribution of test and inspection reports to the Project Inspector, DSA Field Representative, Structural Engineer/Architect and Construction Manager, in accordance with Title 24.

Capistrano Unified School District San Clemente High School Building 800, San Clemente, California: Project Manager during construction of the San Clemente High School Building 800 construction project in San Clemente, California. The project consisted of the construction of a new two-story, approximately 36,100 square foot classroom building consisting of 24 classrooms and restrooms. Other site improvements included new concrete flatwork, landscaping, a fire access road, and new site utilities. services included geotechnical testing, special inspection and materials testing associated with concrete, structural steel, high strength bolts, post-installed anchors, and pre-fabricated wood beams, during construction of the classroom building and associated site work. Specifically, our scope of work included project coordination, technical support and management, including review of the project geotechnical reports, plans and specifications, distribution of test reports, work scheduling, and regular distribution of test and inspection reports to the Project Inspector, DSA Field Representative, Structural Engineer/Architect and Construction Manager, in accordance with Title 24.

Irvine Unified School District University High School Athletic Facility, Irvine, California: Project Manager during construction of the University High School Athletic Facility construction project in Irvine, California. The project consisted of reconstructing the athletic field, including construction of field bleachers (home and

Rajindra Handapangoda Project Engineer

visitors), press box, restroom buildings, ticket building, concessions area, a new artificial turf, and a new 9-lane running track. Structurally, the new building consists of reinforced concrete spread footings, slab-on-grade, masonry walls, structural steel framing, and concrete over metal decking. The home side bleachers included metal stud wall storage area below. Services included geotechnical testing, special inspection and materials testing associated with soils, concrete, masonry, structural steel, high strength bolts, and post-installed anchors during construction of the new athletic facility and associated site work.

Long Beach Unified School District New High School No. 2, Long Beach, California: Project Manager for materials testing and specialty inspections services during construction of the New High School #2 (Richard D. Browning High School) Construction project consisting of four new two-story buildings spanning 108,000 SF on a 10.3 acre site Services included submittal of Form DSA-5 and DSA-6 for each specialty inspector and regular distribution of test and inspection reports to the Project Inspector, DSA Field Representative, Structural Engineer/Architect and Construction Manager, in accordance with Title 24.

Inglewood Unified School District Monroe TK-5 New Modular Classrooms, Inglewood, California: Project Manager retained during geotechnical design and testing services for the Monroe TK-5 New Modular Classrooms project. The project involved the construction of four new PC-approved modular classroom buildings. The new buildings house classrooms, resource rooms, workrooms, restrooms, and a custodial room. Other new structures included construction of two PC-approved shade structures. Other site improvements included site modifications for new construction, fences and gates, an electrical yard, new utilities, and a new parking lot. Services included testing and inspection of soil, concrete, and structural steel. In-plant inspections included welding inspection and Non-Destructive Testing (NDT) services at the fabrication plant located in Silver Creek, CA. Earthwork was performed in accordance with the Ninyo & Moore geotechnical report and addendum.

Long Beach Unified School District Newcomb K8, Long Beach, California: Project Manager for materials testing and specialty inspections services during construction of the Newcomb K8 New School Construction project in Long Beach, California. Services supported Phase Two – New Construction, which included construction of the new school infrastructure. The new school infrastructure consists of seven new school buildings spanning 152,000 SF on more than 13 acres, as well as new site work improvements, which include sidewalks, asphalt concrete paving, dining facilities, playground, play yard, and play equipment, parking lots/drop-off zones, and new site landscaping.

Norwalk-La Mirada Unified School District, Corvallis Middle School Landscaping, Norwalk, California: Senior Project Engineer during geotechnical, materials testing, and special inspection services for the construction of the Corvallis Middle School Campus Landscaping Renovation and Accessory Structures project in Norwalk, California. The project consisted of a campuswide landscape renovation along with the construction of new lunch shelters and shade structures with associated hardscape and landscape improvements.

Norwalk-La Mirada Unified School District, Benton Middle School Landscaping, La Mirada, California: Senior Project Engineer during geotechnical, materials testing, and special inspection services for the construction of the Benton Middle School Campus Landscaping Renovation and Accessory Structures project in La Mirada, California. The project consisted of a parking lot expansion, paving, and landscaping throughout the campus, the construction of new sports playground, fitness equipment and playfields, the relocation of three existing portable buildings, the construction of a new concession/restroom building, and the installation of site lighting and associated appurtenances. Services included project coordination, management and technical support, attendance at as-requested preconstruction and field meetings, scheduling of field personnel, review of project plans and specifications, grading observation and density testing, concrete batch plant observations, concrete sampling and testing, structural steel and welding inspections, reinforced masonry inspections, inspection of post-installed anchors, as well as torque/ load testing, as well as preparation and submittal of DSA interim and final geotechnical and laboratory verified reports. Our services also included shop welding inspection services at out of state fabrication shops located in Dallas, Texas.

Los Angeles Unified School District, On-Call Materials Testing Services, Los Angeles, California: Serving as Senior Project Engineer for the on-call materials testing and inspections contract for various school construction projects throughout LAUSD. Services include materials conformance testing and special deputy inspection services in accordance with the requirements of DSA.

Ronald D. Hallum, PG, CEG Technical Advisor/Engineering Geology



EDUCATION B.S., Geology, San Diego State University

REGISTRATIONS/ PG 4766 (California)

CEG No.1484 (California)

PROFESSIONAL AFFILIATIONS

Association of Environmental and Engineering Geologists

Geological Society of America

San Diego Association of Geologists

Mr. Hallum has provided geotechnical services for a variety of projects such as schools, hospitals, railroads, highways, pipelines, treatment plants, tunnels, reservoirs, landslide and fault evaluations, and other public and private works. Mr. Hallum's responsibilities at Ninyo & Moore include preliminary and final review of findings, conclusions, recommendations, and project deliverables; review of current guidelines, regulations, and technologies; managing geotechnical and geologic field evaluations; supervision and training of the geologic staff; conducting geologic and geologic hazards evaluations; performing and reviewing geologic mapping and research; analyzing field and laboratory data; and authoring and reviewing geotechnical and geologic reports.

EXPERIENCE

Fullerton Joint Union High School District, Sonora High School Gymnasium, Fullerton, California: Principal Geologist for the geotechnical evaluation of the site, including a subsurface investigation to evaluate the geologic conditions of the site, laboratory testing, and geotechnical analyses of the findings.

Los Angeles Unified School District, On-Call Geotechnical Consulting Services, Los Angeles, California: Principal Geologist providing geotechnical consulting services for various K-12 projects including the Sunland Elementary School, Woodrow Wilson High School, Elizabeth Learning enter, and Grant High School geohazard evaluations.

Norwalk-La Mirada Unified School District, On-Call Geotechnical Consulting Services, Norwalk and La Mirada, California: Principal Geologist providing geotechnical consulting services for various K-12 various. These projects have included the John Glenn High School Athletic Field, which included field buildings and gymnasium additionals, and the Los Alisos Middle School Relocatable Buildings project. Mr. Hallum provided a geotechnical and geologic hazards evaluations.

Compton Unified School District, Compton High School Reconstruction Project, Compton, California: Principal Geologist for the geotechnical evaluation to provide design-level recommendations for planned reconstruction in accordance with Division of the State Architect (DSA) guidelines. Mr. Hallum coordinated and supervised the review of background geologic documents, supervised the subsurface exploration program which included the drilling of exploratory borings and use of Cone Penetrometer testing (CPT), developed the laboratory testing program, evaluated the laboratory test results, performed or reviewed the geotechnical analysis, and prepared or reviewed the geotechnical reports issued for these projects.

Long Beach Community College District, Liberal Arts, Building D Modernization -Electrical Room, Long Beach, California: Principal Geologist performed a geotechnical evaluation for the proposed electrical room addition as part of the Building D Modernization project. Services included evaluation of the soil and geologic conditions and provide geotechnical recommendations for the design and construction of the electrical room addition.

Ronald D. Hallum Technical Advisor/Engineering Geology

San Diego Unified School District, La Jolla High School Stadium Improvements, La Jolla, California: Chief Engineering Geologist for a geotechnical evaluation for the stadium improvements at La Jolla High School. The project consisted of new construction including locker rooms, weight rooms, bathrooms and concession buildings, storage buildings, new synthetic turf field, and bleachers. Services included review of background information; performance of a field reconnaissance to observe existing site conditions; performance of a subsurface exploration consisting of the drilling, logging, and sampling of borings with limited-access and manual drill equipment; performance of a subsurface evaluation of the artificial turf football field including excavation, logging, testing, and sampling two hand-excavated test pits; performance of geotechnical laboratory testing on selected soil samples to evaluate soil parameters for design purposes; and preparation of a report presenting our findings, conclusions, and recommendations regarding the geotechnical design and construction of the project.

San Marcos Unified School District Double Peak School, San Marcos, California: Chief Engineering Geologist for geotechnical design services for the San Marcos Unified School District Double Peak School project. The new campus will include new classroom office, and auditorium/cafeteria buildings, as well as athletic fields, parking and access roads, and other site improvements.

Grossmont Union High School District Granite Hills High School, Science and Restroom Buildings, El Cajon, California: Project Manager/Senior Geologist during a geotechnical evaluation for the Science and Restroom Buildings on the campus of Granite Hills High School. The new additions consisted of a one-story classroom and laboratory building with a footprint of approximately 15,000 square feet, and a 1,300 square foot single-story restroom building. The restroom building is located southeast of the Science Building. Services included background review; a subsurface evaluation; geotechnical laboratory testing; and preparation of a report presenting our findings, conclusions, and recommendations regarding the geotechnical design and construction of the project.

Sweetwater Union High School District Montgomery High School, Phase 1B Modernization, San Diego, California: Project Manager for a geotechnical evaluation for the proposed Phase 1B modernization improvements to the existing Montgomery High School. The improvements consisted of the expansion of the music/drama building and construction of a new classroom/wrestling room building. Services included review of background information; a geologic reconnaissance; a subsurface exploration; laboratory testing; data compilation and analyses; and preparation of a geotechnical report presenting our findings and summarizing the field and laboratory evaluations.

San Marcos Unified School District Double Peak School, San Marcos, California: Chief Engineering Geologist for geotechnical design services for the San Marcos Unified School District Double Peak School project. The new campus will include new classroom, office, and auditorium/cafeteria building, as well as athletic fields, parking and access roads, and other site improvements. Services included field mapping, exploratory soil and rock core test borings, test pits, geophysical surveys, and infiltration testing to target key development plans and the associated subsurface conditions and constraints. Data obtained from the exploratory stage was presented to the team and used to evaluate alternative strategies for building and site layout, and was finally compiled into an illustrated report providing conclusions and recommendations for the mitigation of potentially hazardous geologic conditions.

Daniel Chu, PhD, PE, GE Technical Advisor/Geotechnical Engineering



EDUCATION

Ph.D., Geotechnical Engineering, 2006, University of California, Los Angeles

M.S., Geotechnical Engineering, 1981, Utah State University

B.S., Civil Engineering, 1978, National Central University, Chungli, Taiwan

REGISTRATIONS/ RCE 37991 (California)

GE 2096 (California)

PROFESSIONAL AFFILIATIONS

American Society of Civil Engineers California Geotechnical Engineers Association As Chief Geotechnical Engineer for Ninyo & Moore, Dr. Chu is responsible for the quality of engineering, technical approach, training of staff, and engineering assignments for the Irvine office. Dr. Chu has extensive experience providing geotechnical engineering for reservoirs, water treatment plants, pump stations, pipelines, tunnels, bridge structures, highways, and commercial developments. Dr. Chu has expertise in soil mechanics, dynamic soil behavior, seismic hazard risk assessment, static and dynamic earth loading, liquefaction, design of deep and shallow foundations, shoring systems, slope stability, erosion control, and pavement design. Dr. Chu has direct project involvement including evaluation of exploration/sampling protocol, analysis of laboratory test results, direction of engineering tasks, review of calculations, and report preparation.

EXPERIENCE

Newport Harbor High School Improvements, Newport-Mesa Unified School District, Costa Mesa, California: Technical Advisor for geotechnical evaluation for the subsurface conditions at the project site and to provide design recommendations for construction of a new approximately 40,000 square-foot gymnasium and implementation of seismic improvements to existing structures. Dr. Chu reviewed the subsurface exploration and sampling plan for the site. He supervised the field sampling and testing program including logging of the exploratory excavations. Dr. Chu reviewed the collected soil samples and assigned appropriate laboratory testing, and the laboratory testing data and developed appropriate soil parameters for use in the geotechnical calculations. He oversaw the geotechnical calculations and analyses for shallow footing foundations, settlement, liquefaction, slope stability, and retaining walls. He developed geotechnical site parameters for the use in the design of the project, including bearing capacity, lateral earth pressures, seismic earth pressures, anticipated settlements, modulus of subgrade reaction, and performed analysis of subsurface exploration data and preparation of geologic cross sections. He was the principal author of project geotechnical report and managed the project geotechnical evaluation and provided consultation to client.

Fullerton Joint Union High School District, Sonora High School Gymnasium, Fullerton, California: Technical Advisor for the geotechnical evaluation of the site, including a subsurface investigation to evaluate the geologic conditions of the site, laboratory testing, and geotechnical analyses of the findings.

Compton Unified School District, Compton High School Reconstruction Project, Compton, California: Technical Advisor for the geotechnical evaluation to provide design-level recommendations for planned reconstruction in accordance with Division of the State Architect (DSA) guidelines.

Los Angeles Unified School District, On-Call Geotechnical Consulting Services, Los Angeles, California: Technical Advisor providing technical review and input for the geotechnical and geohazards of the K-12 projects.

Remington Elementary School Reconstruction, Santa Ana Unified School District, Santa Ana, California: Technical Advisor for geotechnical evaluation for

Daniel Chu Technical Advisor/Geotechnical Engineering

the subsurface soil and geologic conditions and to provide geotechnical recommendations regarding the proposed new school construction.

Santa Monica Alternative School House Modernization Project, Santa Monica, California: Technical Advisor providing geotechnical consulting services for the design of the proposed addition to the existing SMASH School located in Santa Monica, California. The proposed building will consist of a two-story, steel and wood-frame structure supported on shallow foundations. The new building will provide additional classroom facilities to accommodate increasing enrollment at the SMASH School.

John Muir Fundamental School Expansion Project, Santa Ana, California: Technical Advisor retained to provide geotechnical consulting services during the construction of the facilities expansion for the John Muir Fundamental School located in Santa Ana, California. The expansion project includes construction of five new buildings, including an administration building, multi-purpose building, kindergarten/food service building, special education building, and a building consisting of relocatable units.

Tarbut V'Torah Community Day School, Irvine, California: Technical Advisor for the geotechnical evaluation, engineering analysis and preparation of grading, paving, and foundation recommendations including preliminary and final pavement design for the 11-acre school that includes seven buildings, play fields, paved parking areas, concrete courtyards and walkways, and storm drain and sewer improvements. Dr. Chu reviewed the project geotechnical evaluation and provided consultation to client, as well as provided technical oversight of our construction services, including evaluation of the site excavation, remedial excavations and foundations excavations, the fill placement and compaction operations and field and laboratory testing to evaluate conformance to the relative compaction specifications. He also supervised the site grading operations and provided appropriate field recommendations as necessary for changed on unanticipated conditions, when encountered, and the field and laboratory conformance testing of the construction materials, including aggregates, base materials, Portland cement concrete, asphalt concrete, reinforcing and structural steel, fireproofing, and roofing materials.

New Classroom Buildings, Centennial Education Center, Rancho Santiago Community College District, Santa Ana, California: Served as Technical Advisor for the geotechnical evaluation for the new classrooms at the Centennial Education Center in Santa Ana, California. The purpose of the study was to evaluate the soil and geological conditions at the project site and to provide geotechnical recommendations for the proposed improvements.

Coach Facility, Santa Ana College, Rancho Santiago Community College District, Santa Ana, California: Served as Technical Advisor for the evaluation of the planned Track Team/Coach Facility at Santa Ana College located at 1530 West 17th Street in Santa Ana, California. The purpose of the study was to evaluate the subsurface conditions at the project site and to provide design recommendations for construction of the new facility.

Alfredo "Tino" Rodriguez Construction Services Supervisor



EDUCATION 1985, Golden West Colleg

Mr. Rodriguez oversees field services inspectors and technicians, and provides project management, structural concrete deputy inspection services, asphalt/concrete pavement and roadway inspection services on highway and street improvement projects, construction management services on Caltrans and public works projects, geotechnical observation and testing services for large mass grading projects. Mr. Rodriguez has extensive experience in providing geotechnical and materials testing and deputy inspection services on various public works projects. He is very experienced with various testing and inspection procedures and project close-out requirements. He also performs quality control and inspection during tie-back shoring/wall construction. His laboratory testing experience includes concrete, soils, aggregates and asphalt/concrete. As Inspection Services Manager, he also provides technical oversight and training for field and laboratory technicians.

EXPERIENCE

Irvine Unified School District, On-Call Soils and Materials Testing and Special Inspection Services, Irvine, California: Construction Services Supervisor for various K-12 projects throughout the District. These services have been provided on over 45 task orders including the University High School, the Irvine High School Expansion, and the Stone Creek Elementary School project.

Santa Ana Unified School District, On-Call Soils and Materials Testing and Special Inspection Services, Irvine, California: Construction Services Supervisor for various K-12 projects throughout the District. These projects include modernization, renovation, and new construction. Ninyo & Moore provided both geotechnical design and construction services for the High School No. 5, which was later named the Hector Godinez Fundamental High School. Ninyo & Moore has provided on-call soils and materials testing and inspection services on over 50 task orders for the district.

Fullerton Joint Union High School District, Troy High School Pool Replacement, Fullerton, California: Field Operations Manager during construction of the Troy High School Pool Replacement construction project in Fullerton, California. The project consisted of the demolition of the previous pool and construction of a new aquatic pool. Other site improvements included construction of two new buildings, pool deck, new shade structures, three new outdoor bleachers, MUSCO lighting, and alterations to an existing building and site work. Site work consisted of new pavements, site utilities, fencing, and gates. Services included geotechnical testing, special inspection and materials testing associated with concrete, shotcrete, structural steel, high strength bolts, post-installed anchors, and masonry during construction of the pool, foundation system, buildings, and site work. Specifically, our scope of work included project coordination, technical support and management, including review of the project geotechnical reports, plans and specifications, distribution of test reports, work scheduling, and regular distribution of test and inspection reports to the Project Inspector, DSA Field Representative, Structural Engineer/Architect and Construction Manager, in accordance with Title 24.

Alfredo "Tino" Rodriguez Construction Services Supervisor

Norwalk-La Mirada Unified School District, Norwalk, California: Construction Services Supervisor providing soils and materials testing and special inspection services during the renovation and expansion construction of three elementary schools (Morrison, Dolland and Johnston) The planned improvements include new interior walls and wall openings to existing buildings, new relocatables, new pavement, new underground sewer, water and gas system improvements, installation of new suspended acoustical ceilings and concrete curb ramps and new concrete footings.

Capistrano Unified School District, San Clemente High School Building 800, San Clemente, California: Field Operations Manager during construction of the San Clemente High School Building 800 construction project in San Clemente, California. The project consisted of the construction of a new two-story, approximately 36,100 square foot classroom building consisting of 24 classrooms and restrooms. Other site improvements included new concrete flatwork, landscaping, a fire access road, and new site utilities. services included geotechnical testing, special inspection and materials testing associated with concrete, structural steel, high strength bolts, post-installed anchors, and pre-fabricated wood beams, during construction of the classroom building and associated site work. Specifically, our scope of work included project coordination, technical support and management, including review of the project geotechnical reports, plans and specifications, distribution of test reports, work scheduling, and regular distribution of test and inspection reports to the Project Inspector, DSA Field Representative, Structural Engineer/Architect and Construction Manager, in accordance with Title 24.

Anaheim Elementary School District, Ponderosa Elementary School, Anaheim, California: Field Operations Manager during construction of the Ponderosa Elementary School project in Anaheim, California. The project consisted of constructing a new elementary school, including four new buildings with a combined total of approximately 59,900 square feet. The various site improvements included two asphalt concrete (AC) paved parking lots, three lunch shelters, a bike enclosure, a trash enclosure, and an amphitheater. The off-site improvements included a new AC paved cul-de-sac, new concrete sidewalks, driveways, curbs, and gutters. Services included observation sampling and in-place density testing during building pad preparation, trench backfill, and subgrade preparation. The earthwork during the building pad preparation included over-excavation and recompaction to provide a minimum of 3 feet of compacted fill under the foundations. Services also included materials testing and deputy inspection for fireproofing and masonry, and batch plant inspection for concrete and masonry grout. Our field sampling and testing were performed in accordance with ASTM test methods. Our laboratory tests included proctor density, sieve analysis, sand equivalent, R-Value, and fire-proofing density testing, as well as compressive strength testing on concrete and masonry grout and mortar.

Wiseburn Unified School District, Wiseburn High School, El Segundo, California: Field Operations Manager during construction for the rehabilitation of an existing four-story, 335,000-square-foot office building which included partial demolition of an existing structure, upgrades to an existing structure with new lateral bracing systems, strengthening of the existing diaphragms, a new exterior envelope, construction of a four-story atrium, and complete interior fit-out. Services included materials testing and special inspection services, including sampling and tagging of reinforcing steel and masonry prisms and testing them in the laboratory, concrete batch plant inspection, sampling of concrete, grout, and masonry and testing them in the laboratory for compression testing, fireproofing, structural steel welding inspection on-site and in the fabrication shop in California and Utah, and load testing of anchor bolt and non-destructive testing.

Rancho Santiago Community College District, Various Improvement Projects, Santa Ana, California: Construction Services Supervisor providing oversight for on-call materials testing and inspection for various projects throughout the District. These include the Dunlap Hall edition, the College Planetarium upgrade and the Santa Ana College Portables.

Long Beach Community College District, Industrial Technology Replacement Project, Long Beach, California: Construction Services Supervisor retained to oversee materials testing services during construction of the Industrial Technology Replacement project in Long Beach, California. The project was governed by the DSA. The geotechnical design was performed by others and Ninyo & Moore was the geotechnical engineer of record during construction.

Appendix B

Forms

ATTACHMENT B

CERTIFICATION – REQUEST FOR QUALIFICATIONS

I certify that I have read and received a complete set of documents regarding the attached <u>Request</u> for <u>Qualifications (RFQ) # 111-21 – SPECIAL INSPECTION SERVICES</u> 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.

Signature

Principal Engineer **Title**

475 Goddard, Suite 200 Address

(949) 753-7070

Telephone

May 19, 2021

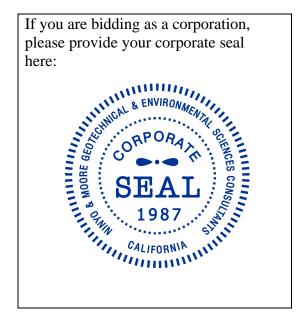
Date

Kurt Yoshii, PE, GE

Typed or Printed Name Ninyo & Moore Geotechnical and Environmental Sciences Consultants Company

Irvine, California 92618 Address

<u>(949) 753-7071</u> **Fax**



ATTACHMENT C

STATEMENT OF EXPERIENCE AND FINANCIAL CONDITION

Company Name: <u>Name</u> :	Ninyo & Moore Geotechnical and Environmental Sciences Consultants
(Check One):	X Corporation Partnership Sole Proprietorship
Address:	475 Goddard, Suite 200 Irvine, California 92618
Telephone/FAX#:	(949) 753-7070/(949) 753-7071
Date and State of Fo	rmation/Incorporation: <u>March 3, 1986</u>
Is the company authority	prized to do business in California? <u>Yes</u>
Basis of Authorization	On: _X_California Corporation _California Business License California Engineering License _Other (specify)

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

Address: <u>Not applicable.</u>

FINANCIAL INFORMATION

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

	2017	2018	<u>2019</u>
California:	\$43,000,000	\$51,441,000	_\$46,657,430
Total:	\$69,096,956	\$79,350,000	\$76,524,775

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

-San Bernardino County Transportation Authority Mid-Coast Corridor (\$2.1B)

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? <u>Yes</u> <u>X</u>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? <u>Yes</u> <u>X</u>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 \underline{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.

asont ..

SIGNATURE: NAME: TITLE:

Kurt Yoshii, PE, GE Principal Engineer

Attachment E

Five Year History of Representative Projects

Ninyo & Moore District Contracts

Project	Project	Contact	Client	Client		Description		Start	Status
Name	City	Name	Name	Address	Phone		Budget	Date	
CCCD/ P355755A/MARITIME EXPANSION GEO	Newport Beach	Eriksen, John	COAST COMMUNITY COLLEGE DISTRICT	Costa Mesa	(714) 438-4600	Geotechnical Consulting Services	106,364.00	4/16/2019	Active
MVUSD/GO ARCHITECTS/ARMADA E.S./MPR BLDG	Moreno Valley	Nichols, John	MORENO VALLEY UNIFIED SCHOOL DISTRICT	Moreno Valley	(951) 571-7690	Supplemental Geotechnical Evaluation	10,328.00	4/15/2021	Active
LAUSD/MATLS/MARK TWAIN M.S. TENNIS COURT	Los Angeles	Soroosh Moghadam, Peyman	LOS ANGELES UNIFIED SCHOOL DISTRICT	Lake Balboa	(213) 241-1000	Materials Testing & Special Inspection Services	17,688.00	7/12/2018	Active
AUSD/MATLS/VENICE H.S. CMP GYM BLDG C	Los Angeles	Soroosh Moghadam, Peyman	LOS ANGELES UNIFIED SCHOOL DISTRICT	Lake Balboa	(213) 241-1000	Materials Testing & Special Inspection Services	438,272.00	11/11/2019	Active
AUSD/MATLS/VENICE H.S. CMP PKG	Los Angeles	Soroosh Moghadam, Peyman	LOS ANGELES UNIFIED SCHOOL DISTRICT	Lake Balboa	(213) 241-1000	Materials Testing and Special Inspection Services	24,318.00	10/29/2019	Active
LAUSD/MATLS/GLASSELL E.S. SEISMIC RETROF	Los Angeles	Soroosh Moghadam, Peyman	LOS ANGELES UNIFIED SCHOOL DISTRICT	Los Angeles	(213) 241-1000	Materials Testing & Special Inspection Services	79,632.50	9/10/2020	Active
LAUSD/MATLS/AMESTOY ES CLASSROOM REPLACE	Gardena	Soroosh Moghadam, Peyman	LOS ANGELES UNIFIED SCHOOL DISTRICT	Los Angeles	(213) 241-1000	Materials Testing & Special Inspection Services	6,749.00	10/26/2020	Active
NLMUSD/NORWALK HIGH SCHOOL SPORTS FIELDS	Norwalk	Yoon, Bomee	NORWALK-LA MIRADA UNIFIED SCHOOL DISTRICT	Norwalk	(562) 868-9014	Geotechnical Testing Services	289,281.45	8/8/2019	Active
CORDOBA/INGLEWOOD USD/MORNINGSIDE H.S. L	Inglewood	Ross, Steven	CORDOBA CORPORATION	Inglewood	(213) 895-0224	Materials Testing and Inspection Services	49,976.00	6/4/2019	Active
CORDOBA/INGLEWOOD USD/BENNETT KEW E.S.	Inglewood	Beltran, Joshua	CORDOBA CORPORATION	Long Beach	(562) 938-5063	Geotechnical, Materials Testing and Inspection Services	11,820.00	8/11/2020	Active
CVUHSD/TELACU/HAWTHORNE H.S. PHASE 2 CLA	Hawthorne	Lansdown, Scott	CENTINELA VALLEY UNION HIGH SCHOOL DISTRICT	Lawndale	(310) 263-3719	Geotechnical, Materials Testing and Inspection Services	795,054.00	5/1/2018	Active

Project Name	Project	Contact	Client	Client	Dhome	Description	Budget	Start	Status
DUSD/VILLA PARK H.S. PH 2 SCIENCE ENTER	City Villa Park	Name Mills, Jana	Name ORANGE UNIFIED SCHOOL DISTRICT	Address Orange	Phone (714) 628-4510	Geotechnical Observation, Materials Testing and Special Inspections	Budget 535,288.50	Date 5/17/2018	Active
DUSD/VILLA PARK H.S. PARKING LOT JROP	Villa Park	Lorenzo, Rory	ORANGE UNIFIED SCHOOL DISTRICT	Orange	(714) 628-4510	Geotechnical, Materials Testing and Special Inspection Services	45,905.00	3/2/2020	Active
BCSD/SEACLIFF E.S. ALTERATION	Huntington Beach	Winston, Leisa	HUNTINGTON BEACH CITY SCHOOL DISTRICT	Huntington Beach	(714) 964-8888	Geotechnical and Materials Testing and Special Inspection Services	60,129.30	5/14/2020	Active
HBCSD/SOWERS M.S. MULTI PURPOSE AND STEM	Huntington Beach	Haulk, Gregg	HUNTINGTON BEACH CITY SCHOOL DISTRICT	Huntington Beach		Materials Testing and Special Inspection Services	259,171.00	8/6/2020	Active
AESD/SUNKIST E.S. MODERNIZATION & RECONS	Anaheim	Vazquez, Isela	ANAHEIM ELEMENTARY SCHOOL DISTRICT	Anaheim	(714) 517-7500	Geotechnical Observation, Inspection and Materials Testing	812,132.00	9/27/2018	Active
CVUSD/TELACU/HAWTHORNE H.S. NYMAN HALL	Hawthorne	Smith, Dan	TELACU CONSTRUCTION MANAGEMENT	Orange	(714) 541-2390	Geotechnical, Materials Testing and Inspection Services	146,984.00	4/10/2020	Active
SMMUSD/JOHN ADAMS M.S. PERFORMING ARTS C	Santa Monica	Bishop, Sheere	SANTA MONICA - MALIBU UNIFIED SCHOOL DISTRICT	Santa Monica	(310) 450-8338	Geotechnical, Materials Testing and Special Inspection Services	744,014.00	6/17/2019	Active
BUSD/ON-CALL/MATERIALS TESTING & INSPEC	Long Beach	Marchetti, Vince	LONG BEACH UNIFIED SCHOOL DISTRICT	Long Beach	(562) 997-7550	As-Needed Materials Testing & Inspection Services	850,000.00	6/26/2019	Active
BUSD/JAMES MADISON E.S./HVAC JPGRADE	Lakewood	Miranda, David	LONG BEACH UNIFIED SCHOOL DISTRICT	Long Beach	(562) 997-7550	Materials Testing & Inspection Services	40,406.00	5/29/2020	Active
BUSD/ROOSEVELT E. S. PAVING REPLACEMENT	Burbank	Hauffe, Kurt	BURBANK UNIFIED SCHOOL DISTRICT - FACILITIES SERVICES	Burbank	(818) 729-5500	Geotechnical, Materials Testing and Inspection Services	12,776.00	9/18/2019	Active

Project Name	Project City	Contact Name	Client Name	Client Address	Phone	Description	Budget	Start Date	Status
LOS ALAMITOS USD/LOS ALAMITOS H.S. AQUAT	Los Alamitos		LOS ALAMITOS UNIFIED SCHOOL DISTRICT	Los Alamitos	(562) 799-4700	Special Inspection and Materials Testing Services	7,204.00	10/9/2019	Active
CUSD/ALISO NIGUEL H.S. STEM BUILDING PRO	Aliso Viejo	Forney, John	CAPISTRANO UNIFIED SCHOOL DISTRICT	San Juan Capistrano	(949) 234-9200	Geotechnical, Materials Testing and Specialty Inspection Services	167,735.00	1/8/2020	Active
OUSD/ON-CALL GEOTECHNICAL & MATERIALS	Orange	Harvey, Scott	ORANGE UNIFIED SCHOOL DISTRICT	Orange	(714) 628-4500	On-Call Geotechnical and Materials Services	25,000.00	2/14/2020	Active
TELACU/ BUENA PARK JUNIOR H. S./ NEW SCH	Buena Park	Spencer, Tim	TELACU CONSTRUCTION MANAGEMENT	Orange	(714) 474-6639	Geotechnical and Materials Testing and Special Inspection Services	54,682.00	4/3/2020	Active
CSUDH/AS-NEEDED/GEOTECHNICAL CONSULTING	Carson	Thomas, Roshni	CALIFORNIA STATE UNIVERSITY DOMINGUEZ HILLS	Carson	(310) 243-3750	Geotechnical Consulting Services	400,000.00	4/13/2020	Active
ABCUSD/RESTROOM ADDITIONS FOR 6 ELEM.	Cerritos	Carter, Ryan	ABC UNIFIED SCHOOL DISTRICT	Cerritos	(562) 926-5566	Geotechnical , Materials Testing and Specialty Inspection	26,760.00	2/25/2021	Active
AUSD/SOILS/ON-CALL MASTER CONTRACT	Various	Cho, Cristina	LOS ANGELES UNIFIED SCHOOL DISTRICT	Los Angeles	(213) 241-1000	Geotechnical Engineering, Materials Construction Services	500,000.00	4/22/2020	Active
AUSD/GRANT H.S. COMPREHENSIVE MODERNIZA	Valley Glen	Soroosh Moghadam, Peyman	LOS ANGELES UNIFIED SCHOOL DISTRICT	Lake Balboa	(213) 241-1000	Geotechnical Consulting Services	70,823.73	6/1/2020	Active
AUSD/GRANT H.S. COMP MOD PKG 3	Valley Glen	Soroosh Moghadam, Peyman	LOS ANGELES UNIFIED SCHOOL DISTRICT	Lake Balboa	(213) 241-1000	Geotechnical Consulting Services	589,404.72	8/11/2020	Active
AUSD/MANHATTAN E.S. ADA MODULAR ELEVATO	Los Angeles	Soroosh Moghadam, Peyman	LOS ANGELES UNIFIED SCHOOL DISTRICT	Los Angeles-19th Fl	(213) 241-1000	Geotechnial Consulting Services	25,109.91	8/28/2020	Active
AUSD/CRENSHAW MAGNET H.S. PERFORMING AR	Los Angeles	Soroosh Moghadam, Peyman	LOS ANGELES UNIFIED SCHOOL DISTRICT	Los Angeles-19th Fl	(213) 241-1000	Geotechnical Consulting Services	50,042.90	8/27/2020	Active
LAUSD/GATES EEC/NEW SHADE STRUCTURES/GEO	Los Angeles	Soroosh Moghadam, Peyman	LOS ANGELES UNIFIED SCHOOL DISTRICT	Los Angeles	(213) 241-1000	Geotechnical Consulting Services	7,877.91	4/21/2021	Active

Project	Project	Contact	Client	Client		Description		Start	Status
lame	City	Name	Name	Address	Phone		Budget	Date	
ILMUSD/RAMONA PRESCHOOL 2LAYGROUND 3	Norwalk	Jaimes, Elizabeth	NORWALK-LA MIRADA UNIFIED SCHOOL DISTRICT	Norwalk1	(562) 868-9014	Geotechnical, Materials Testing and Special Inspection Services	8,472.00	4/23/2020	Active
PYLUSD/GLENVIEW E. S. POTABLE BUILDINGS	Anaheim	Van de Mortel, Max	PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT	Placentia	(714) 985-8470	Materials Testing Services	8,056.00	6/4/2020	Active
YLUSD/TYNES E.S. SHADE STRUCTURE	Placentia	Van de Mortel, Max	PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT	Placentia	(714) 985-8470	Inspection and Materials Testing Services	5,371.00	11/3/2020	Active
YLUSD/VAN BUREN E.S. SHADE STRUCTURE	Placentia	Van de Mortel, Max	PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT	Placentia	(714) 985-8470	Inspection and Materials Testing Services	4,471.00	11/3/2020	Active
PYLUSD/WAGNER E.S. SHADE STRUCTURE	Placentia	Van de Mortel, Max	PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT	Placentia	(714) 985-8470	Inspection and Materials Testing Services	5,371.00	11/3/2020	Active
PYLUSD/TRAVIS RANCH E.S. SHADE STRUCTURE	Yorba Linda	Van de Mortel, Max	PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT	Placentia	(714) 985-8470	Inspection and Materials Testing Services	5,371.00	11/3/2020	Active
PYLUSD/GLENVIEW E.S. SHADE STRUCTURE	Anaheim	Van de Mortel, Max	PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT	Placentia	(714) 985-8470	Inspection and Materials Testing Services	5,371.00	11/3/2020	Active
PYLUSD/LAKEVIEW E.S. SHADE STRUCTURE	Yorba Linda	Van de Mortel, Max	PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT	Placentia	(714) 985-8470	Inspection and Materials Testing Services	4,471.00	11/3/2020	Active
PYLUSD/WOODSBORO E.S. SHADE STRUCTURE	Anaheim	Van de Mortel, Max	PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT	Placentia	(714) 985-8470	Inspection and Materials Testing Services	4,471.00	11/23/2020	Active
PYLUSD/LINDA VISTA E.S. SHADE STRUCTURE	Yorba Linda	Van de Mortel, Max	PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT	Placentia	(714) 985-8470	Inspection and Materials Testing Services	5,371.00	11/23/2020	Active
PYLUSD/MABEL PAINE E.S. SHADE STRUCTURE	Yorba Linda	Van de Mortel, Max	PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT	Placentia	(714) 985-8470	Inspection and Materials Testing Services	5,371.00	11/23/2020	Active
PYLUSD/RIO VISTA E.S. SHADE STRUCTURE	Anaheim	Van de Mortel, Max	PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT	Placentia	(714) 985-8470	Inspection and Materials Testing Services	4,471.00	11/23/2020	Active
PYLUSD/ROSE DRIVE E.S. SHADE STRUCTURE	Yorba Linda	Van de Mortel, Max	PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT	Placentia	(714) 985-8470	Inspection and Materials Testing Services	5,371.00	11/23/2020	Active

Project	Project	Contact	Client	Client		Description	_	Start	Status
Name PYLUSD/FAIRMONT E.S. SHADE STRUCTURE	City Yorba Linda	Name Van de Mortel, Max	Name PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT	Address Placentia	Phone (714) 985-8470	Inspection and Materials Testing Services	Budget 5,371.00	Date 11/23/2020	Active
PYLUSD/TUFFREE M.S. SHADE STRUCTURE	Placentia	Van de Mortel, Max	PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT	Placentia	(714) 985-8470	Inspection and Materials Testing Services	4,471.00	11/23/2020	Active
YLUSD/EL DORADO H.S. SHADE STRUCTURES	Placentia	Van de Mortel, Max	PLACENTIA-YORBA LINDA UNIFIED SCHOOL DISTRICT	Placentia	(714) 985-8470	Inspection and Materials Testing Services	12,331.00	3/12/2021	Active
AUSD/MATLS/ON-CALL MATERIALS	Los Angeles	Burns, David	LOS ANGELES UNIFIED SCHOOL DISTRICT	Los Angeles	(213) 241-4811	On-Call Materials Testing and Special Inspection	500,000.00	11/1/2020	Active
LAUSD/MANUAL ARTS H.S. WELLNESS CENTER E	Los Angeles	Soroosh Moghadam, Peyman	LOS ANGELES UNIFIED SCHOOL DISTRICT	Los Angeles	(213) 241-1000	Materials Testing and Special Inspection	5,172.50	11/6/2020	Active
AUSD/KENNEDY E.S. BARRIER REMOVAL PASSE	Los Angeles	Soroosh Moghadam, Peyman	LOS ANGELES UNIFIED SCHOOL DISTRICT	Los Angeles	(213) 241-1000	Materials Testing & Special Inspection Services	29,420.00	11/20/2020	Active
AUSD/ASCOT E.S. COMP MOD - SITE JTILITI	Los Angeles	Soroosh Moghadam, Peyman	LOS ANGELES UNIFIED SCHOOL DISTRICT	Los Angeles	(213) 241-1000	Materials Testing & Special Inspection Services	58,248.00	1/8/2021	Active
AUSD/NORTH HOLLYWOOD H.S/COMP MOD PKG 1	North Hollywood	Soroosh Moghadam, Peyman	LOS ANGELES UNIFIED SCHOOL DISTRICT	Los Angeles	(213) 241-1000	Materials Testing & Special Inspection Services	943,365.00	1/20/2021	Active
LAUSD/NORTH HOLLYWOOD HS COMP MOD PKG 2	North Hollywood	Soroosh Moghadam, Peyman	LOS ANGELES UNIFIED SCHOOL DISTRICT	Los Angeles	(213) 241-1000	Materials Testing & Special Inspection Services	829,742.50	2/10/2021	Active
AUSD/ASCOT ES COMP MOD - NTERIM HOUSIN	Los Angeles	Soroosh Moghadam, Peyman	LOS ANGELES UNIFIED SCHOOL DISTRICT	Los Angeles	(213) 241-1000	Materials Testing & Special Inspection Services	5,700.00	2/15/2021	Active
AUSD/DREW M.S. NEW SCHOOL BASED CLINIC	Los Angeles	Soroosh Moghadam, Peyman	LOS ANGELES UNIFIED SCHOOL DISTRICT	Los Angeles	(213) 241-1000	Materials Testing & Special Inspection Services	20,015.00	2/26/2021	Active

Cost Breakdown LAUSD Crenshaw High School Pavement Evaluation

Technical Analysis						
Data Compilation and Analysis						
Principal Engineer/Geologist	2 hours	@	\$ 200.00	/hour	\$	400.00
Lead Geotechnical Engineer/Geologist	6 hours	$\overline{}$	\$ 177.89		\$	1,067.34
Geotechnical Engineer	8 hours	@	\$ 146.88		\$	1,175.04
			Subtotal		\$	2,642.38
Laboratory Analyses						
Tests to include moisture and dry density, sieve analysis, shear	strength, I	R-va	lue, and			
corrosivity, as appropriate.					\$	1,100.00
			Subtotal		\$	1,100.00
Report Preparation						
Principal Engineer/Geologist	1 hour	@	\$ 200.00	/hour	\$	200.00
Lead Geotechnical Engineer/Geologist	4 hours	@	\$ 177.89	/hour	\$	711.56
Geotechnical Engineer	6 hours	@	\$ 146.88	/hour	\$	881.28
Drafting	3 hours	@	\$ 89.00		\$	267.00
Admin/Clerical/Word Processing	4 hours	@	\$ 62.73	/hour	\$	250.92
			Subtotal		\$	2,310.76
Subtotal Technical Analysis					\$	6,053.14
Design Implementation						
Site Reconnaissance and Markout for Utility Clearance						
Geologist	4 hours	@	\$ 126.00	/hour	\$	504.00
			Subtotal		\$	504.00
Subsurface Evaluation (Assumes 3 borings up to approximately 10 feet deep)						
Geologist	9 hours	ര	\$ 126.00	/hour	\$	1,134.00
Drill Rig (Subcontractor)	8 hours	<u> </u>	\$ 425.00			3,400.00
	o nouro	e	Subtotal		\$	4,534.00
Subtotal Design Implementation					\$	5,038.00
Project Management					·	,
Project Coordination and Background Review						
	2 hours	0	¢ 177 00	/hour	¢	355.78
Lead Geotechnical Engineer/Geologist	2 hours	Ŭ	\$ 177.89 \$ 126.00			504.00
Geologist	4 110015	W	Subtotal	/nour	\$ \$	859.78
Subtotal Project Management			Subiolal		Ψ \$	859.78
					*	
Monitoring, Training, Education Programs, Maintenance						
Budgeting N/A						
TOTAL FEE					\$	11,950.92
					φ	11,350.52

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.

> KS M. .. Signature

Printed Name

Title

Date

Kurt Yoshii, PE, GE

Principal Engineer

May 19, 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: Kurt Yoshii, PE, GE
Duly Authorized Signature:
Title: Principal Engineer
Date of this Proposal/Offer: <u>May 19, 2021</u>
Offeror Name: <u>Ninyo & Moore Geotechnical and Environmental Sciences Consultan</u> ts
Offeror Address: 475 Goddard, Suite 200
Irvine, California 92618
Offeror Telephone: (949) 753-7070

Offeror Email: kyoshii@ninyoandmoore.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

<u>NONCOLLUSION</u> <u>DECLARATION</u> <u>Public Contract Code § 7106</u>

TO BE EXECUTED BY SUBMITTER AND SUBMITTED WITH RFQ

The undersigned declares:

I am the Principal Engineer

[PRINT YOUR TITLE]

of <u>Ninyo & Moore Geotechnical and Environmental Sciences Consultants</u> [**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. 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:	May 19, 2021	
Proper Name of Subn	nitter: <u>Ninyo & Moore Geotechnical and Environme</u>	ntal Sciences Consultants
City, State:	Irvine ,	CA
Signature:	KSM.	
Print Name:	Kurt Yoshii, PE, GE	
Title:	Principal Engineer	