

FIRST AMENDMENT TO AGREEMENT FOR CONSULTANT SERVICES

This FIRST AMENDMENT is dated for identification this seventh day of June 2022 and amends that certain AGREEMENT FOR CONSULTANT SERVICES for On-Call Materials Testing and Special Inspection Services, dated April 6, 2021, made by and between the Town of Los Gatos, ("Town,") and the NINYO & MOORE ("Consultant.").

RECITALS

- A. Town and Consultant entered into an Agreement for Consultant Services on April 20, 2021, ("Agreement"), a copy of which is attached hereto and incorporated by reference as Attachment 1 to this Amendment.
- B. Town desires to amend the Agreement to extend the agreement term to December 31, 2023.
- C. Town desires to increase the contract amount by \$100,000 for a total contract amount of \$280,000.
- D. Consultant desires to update the Schedule of Fees to Exhibit B effective July 1, 2022.

AMENDMENT

1. 2.2 Term and Time of Performance is amended to read as follows:

This contract will remain in effect until December 31, 2023.

2. 2.6 Compensation is amended to read as follows:

Compensation for Consultant's professional services **shall not exceed \$280,000**, inclusive of all costs. Payment shall be based upon Town approval of each task based on Exhibit A of the original agreement. Effective July 1, 2022, the Schedule of Fees in Exhibit B shall be applied.

3. All other terms and conditions of the Agreement remain in full force and effect.

IN WITNESS WHEREOF, the Town and Consultant have executed this Amendment.

Town of Los Gatos

Approved as to Consent:

By: _____

By: _____

Laurel Prevetti, Town Manager

Ruchil Shah

Director of Business Development

Department Approval:

Timm Borden
Interim Director of Parks and Public Works

Approved as to Form:

Attest:

Gabrielle Whelan, Town Attorney
Clerk

Shelley Neis, MMC, CPMC, Town

Schedule of Fees

Hourly Charges for Personnel

Professional Staff

Principal Engineer/Geologist/Environmental Scientist/Certified Industrial Hygienist	\$ 210
Senior Engineer/Geologist/Environmental Scientist	\$ 200
Senior Project Engineer/Geologist/Environmental Scientist	\$ 195
Project Engineer/Geologist/Environmental Scientist	\$ 185
Senior Staff Engineer/Geologist/Environmental Scientist	\$ 170
Staff Engineer/Geologist/Environmental Scientist	\$ 155
GIS Analyst	\$ 130
Technical Illustrator/CAD Operator	\$ 110

Field Staff

Certified Asbestos/Lead Technician	\$ 195
Field Operations Manager	\$ 130
Nondestructive Examination Technician (UT, MT, LP)	\$ 125
Supervisory Technician	\$ 120
Special Inspector (Concrete, Masonry, Structural Steel, Welding, and Fireproofing)	\$ 115
Senior Technician	\$ 110
Technician	\$ 110

Administrative Staff

Information Specialist	\$ 90
Geotechnical/Environmental/Laboratory Assistant	\$ 95
Data Processor	\$ 85

Other Charges

Concrete Coring Equipment (includes technician)	\$ 190/hr
Anchor Load Test Equipment (includes technician)	\$ 190/hr
GPR Equipment	\$ 180/hr
Inclinometer	\$ 100/hr
Hand Auger Equipment	\$ 80/hr
Rebar Locator (Pachometer)	\$ 25/hr
Vapor Emission Kit	\$ 65/kit
Nuclear Density Gauge	\$ 12/hr
X-Ray Fluorescence	\$ 70/hr
PID/FID	\$ 25/hr
Air Sampling Pump	\$ 10/hr
Field Vehicle	\$ 15/hr
Expert Witness Testimony	\$ 450/hr
Direct Expenses	Cost plus 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.

EXHIBIT B

Schedule of Fees for Laboratory Testing

SOILS

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 6913, 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	\$ 260
Proctor Density with Rock Correction D 1557	\$ 340
R-value, D 2844, CT 301	\$ 425
Sand Equivalent, D 2419, CT 217	\$ 125
Sieve Analysis, D 6913, CT 202	\$ 145
Sieve Analysis, 200 Wash, D 1140, CT 202	\$ 120
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	\$ 40
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	\$ 2,000
Restrained Expansion of Shrinkage Compensation	\$ 450
Splitting Tensile Strength, C 496	\$ 100
3x6 Grout, (CLSM), C 39	\$ 55
2x2x2 Non-Shrink Grout, C 109	\$ 55

ASPHALT

Air Voids, T 269	\$ 85
Asphalt Mix Design, Caltrans (incl. Aggregate Quality)	\$ 4,500
Asphalt Mix Design Review, Job Spec	\$ 180
Dust Proportioning, CT LP-4	\$ 85
Extraction, % Asphalt, including Gradation, D 2172, CT 382	\$ 250
Extraction, % Asphalt without Gradation, D 2172, CT 382	\$ 150
Film Stripping, CT 302	\$ 120
Hveem Stability and Unit Weight D 1560, T 246, CT 366	\$ 225
Marshall Stability, Flow and Unit Weight, T 245	\$ 240
Maximum Theoretical Unit Weight, D 2041, CT 309	\$ 150
Moisture Content, CT 370	\$ 95
Moisture Susceptibility and Tensile Stress Ratio, T 238, CT 371	\$ 1,000
Slurry Wet Track Abrasion, D 3910	\$ 150
Superpave, Asphalt Mix Verification (incl. Aggregate Quality)	\$ 4,900
Superpave, Gyration Unit Wt., T 312	\$ 100
Superpave, Hamburg Wheel, 20,000 passes, T 324	\$ 1,000
Unit Weight sample or core, D 2726, CT 308	\$ 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
Cleaness 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	\$ 1,250
Potential Alkali Reactivity, Mortar Bar Method, Fine, C 1260	\$ 950
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	\$ 450
Specific Gravity and Absorption, Coarse, C 127, CT 206	\$ 115
Specific Gravity and Absorption, Fine, C 128, CT 207	\$ 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.

AGREEMENT FOR CONSULTANT SERVICES

THIS AGREEMENT is made and entered into on April 6, 2021 by and between TOWN OF LOS GATOS, a California municipal corporation, ("Town") Ninyo & Moore , ("Consultant"), whose address is 2149 O'Toole Avenue, Suite 30, San Jose, CA 95131. This Agreement is made with reference to the following facts.

I. RECITALS

- 1.1 The Town desires to engage Consultant to provide on-call materials testing and special inspection services for various Town capital improvement projects and other projects within the Town.
- 1.2 The Consultant represents and affirms that it is willing to perform the desired work pursuant to this Agreement.
- 1.3 Consultant warrants it possesses the distinct professional skills, qualifications, experience, and resources necessary to timely perform the services described in this Agreement. Consultant acknowledges Town has relied upon these warranties to retain Consultant.

II. AGREEMENTS

- 2.1 Scope of Services. Consultant shall provide services as described in that certain Proposal sent to the Town on January 14, 2021, which is hereby incorporated by reference and attached as Exhibit A.
- 2.2 Term and Time of Performance. This contract will remain in effect from April 15, 2021 to June 30, 2022, with an option to extend for one (1) additional period of one (1) year.
- 2.3 Compliance with Laws. The Consultant shall comply with all applicable laws, codes, ordinances, and regulations of governing federal, state and local laws. Consultant represents and warrants to Town that it has all licenses, permits, qualifications and approvals of whatsoever nature which are legally required for Consultant to practice its profession. Consultant shall maintain a Town of Los Gatos business license pursuant to Chapter 14 of the Code of the Town of Los Gatos.
- 2.4 Sole Responsibility. Consultant shall be responsible for employing or engaging all persons necessary to perform the services under this Agreement.
- 2.5 Information/Report Handling. All documents furnished to Consultant by the Town and all reports and supportive data prepared by the Consultant under this Agreement are the Town's property and shall be delivered to the Town upon the completion of Consultant's services or at the Town's written request. All reports, information, data, and exhibits prepared or assembled by Consultant in connection with the performance of its services

pursuant to this Agreement are confidential until released by the Town to the public, and the Consultant shall not make any of these documents or information available to any individual or organization not employed by the Consultant or the Town without the written consent of the Town before such release. The Town acknowledges that the reports to be prepared by the Consultant pursuant to this Agreement are for the purpose of evaluating a defined project, and Town's use of the information contained in the reports prepared by the Consultant in connection with other projects shall be solely at Town's risk, unless Consultant expressly consents to such use in writing. Town further agrees that it will not appropriate any methodology or technique of Consultant which is and has been confirmed in writing by Consultant to be a trade secret of Consultant.

- 2.6 Compensation. Compensation for Consultant's professional services **shall not exceed \$180,000**, inclusive of all costs. Payment shall be based upon Town approval of each task.
- 2.7 Billing. Billing shall be monthly by invoice within thirty (30) days of the rendering of the service and shall be accompanied by a detailed explanation of the work performed by whom at what rate and on what date. Also, plans, specifications, documents or other pertinent materials shall be submitted for Town review, even if only in partial or draft form.

Payment shall be net thirty (30) days. All invoices and statements to the Town shall be addressed as follows:

Invoices:

Town of Los Gatos

Attn: Accounts Payable

P.O. Box 655

Los Gatos, CA 95031-0655

- 2.8 Availability of Records. Consultant shall maintain the records supporting this billing for not less than three years following completion of the work under this Agreement. Consultant shall make these records available to authorized personnel of the Town at the Consultant's offices during business hours upon written request of the Town.
- 2.9 Assignability and Subcontracting. The services to be performed under this Agreement are unique and personal to the Consultant. No portion of these services shall be assigned or subcontracted without the written consent of the Town.
- 2.10 Independent Contractor. It is understood that the Consultant, in the performance of the work and services agreed to be performed, shall act as and be an independent contractor and not an agent or employee of the Town. As an independent contractor he/she shall not obtain any rights to retirement benefits or other benefits which accrue to Town employee(s). With prior written consent, the Consultant may perform some obligations under this Agreement by subcontracting but may not delegate ultimate responsibility for performance or assign or transfer interests under this Agreement. Consultant agrees to

testify in any litigation brought regarding the subject of the work to be performed under this Agreement. Consultant shall be compensated for its costs and expenses in preparing for, traveling to, and testifying in such matters at its then current hourly rates of compensation, unless such litigation is brought by Consultant or is based on allegations of Consultant's negligent performance or wrongdoing.

- 2.11 Conflict of Interest. Consultant understands that its professional responsibilities are solely to the Town. The Consultant has and shall not obtain any holding or interest within the Town of Los Gatos. Consultant has no business holdings or agreements with any individual member of the Staff or management of the Town or its representatives nor shall it enter into any such holdings or agreements. In addition, Consultant warrants that it does not presently and shall not acquire any direct or indirect interest adverse to those of the Town in the subject of this Agreement, and it shall immediately disassociate itself from such an interest, should it discover it has done so and shall, at the Town's sole discretion, divest itself of such interest. Consultant shall not knowingly and shall take reasonable steps to ensure that it does not employ a person having such an interest in this performance of this Agreement. If after employment of a person, Consultant discovers it has employed a person with a direct or indirect interest that would conflict with its performance of this Agreement, Consultant shall promptly notify Town of this employment relationship, and shall, at the Town's sole discretion, sever any such employment relationship.
- 2.12 Equal Employment Opportunity. Consultant warrants that it is an equal opportunity employer and shall comply with applicable regulations governing equal employment opportunity. Neither Consultant nor its subcontractors do and neither shall discriminate against persons employed or seeking employment with them on the basis of age, sex, color, race, marital status, sexual orientation, ancestry, physical or mental disability, national origin, religion, or medical condition, unless based upon a bona fide occupational qualification pursuant to the California Fair Employment & Housing Act.

III. INSURANCE AND INDEMNIFICATION

3.1 Minimum Scope of Insurance:

- i. Consultant agrees to have and maintain, for the duration of the contract, General Liability insurance policies insuring him/her and his/her firm to an amount not less than: one million dollars (\$1,000,000) combined single limit per occurrence for bodily injury, personal injury and property damage.
- ii. Consultant agrees to have and maintain for the duration of the contract, an Automobile Liability insurance policy ensuring him/her and his/her staff to an amount not less than one million dollars (\$1,000,000) combined single limit per accident for bodily injury and property damage.

- iii. Consultant shall provide to the Town all certificates of insurance, with original endorsements effecting coverage. Consultant agrees that all certificates and endorsements are to be received and approved by the Town before work commences.
- iv. Consultant agrees to have and maintain, for the duration of the contract, professional liability insurance in amounts not less than \$1,000,000 which is sufficient to insure Consultant for professional errors or omissions in the performance of the particular scope of work under this agreement.

General Liability:

- i. The Town, its officers, officials, employees and volunteers are to be covered as insured as respects: liability arising out of activities performed by or on behalf of the Consultant; products and completed operations of Consultant, premises owned or used by the Consultant. This requirement does not apply to the professional liability insurance required for professional errors and omissions.
- ii. The Consultant's insurance coverage shall be primary insurance as respects the Town, its officers, officials, employees and volunteers. Any insurance or self-insurances maintained by the Town, its officers, officials, employees or volunteers shall be excess of the Consultant's insurance and shall not contribute with it.
- iii. Any failure to comply with reporting provisions of the policies shall not affect coverage provided to the Town, its officers, officials, employees or volunteers.
- iv. The Consultant's insurance shall apply separately to each insured against whom a claim is made or suit is brought, except with respect to the limits of the insurer's liability.

3.2 All Coverages. Each insurance policy required in this item shall be endorsed to state that coverage shall not be suspended, voided, cancelled, reduced in coverage or in limits except after thirty (30) days' prior written notice by certified mail, return receipt requested, has been given to the Town. Current certification of such insurance shall be kept on file at all times during the term of this agreement with the Town Clerk.

3.3 Workers' Compensation. In addition to these policies, Consultant shall have and maintain Workers' Compensation insurance as required by California law and shall provide evidence of such policy to the Town before beginning services under this Agreement. Further, Consultant shall ensure that all subcontractors employed by Consultant provide the required Workers' Compensation insurance for their respective employees.

- 3.4 Indemnification. The Consultant shall save, keep, hold harmless and indemnify and defend the Town its officers, agent, employees and volunteers from all damages, liabilities, penalties, costs, or expenses in law or equity that may at any time arise or be set up because of damages to property or personal injury received by reason of, or in the course of performing work which may be occasioned by a willful or negligent act or omissions of the Consultant, or any of the Consultant's officers, employees, or agents or any subconsultant.

IV. GENERAL TERMS

- 4.1 Waiver. No failure on the part of either party to exercise any right or remedy hereunder shall operate as a waiver of any other right or remedy that party may have hereunder, nor does waiver of a breach or default under this Agreement constitute a continuing waiver of a subsequent breach of the same or any other provision of this Agreement.
- 4.2 Governing Law. This Agreement, regardless of where executed, shall be governed by and construed to the laws of the State of California. Venue for any action regarding this Agreement shall be in the Superior Court of the County of Santa Clara.
- 4.3 Termination of Agreement. The Town and the Consultant shall have the right to terminate this agreement with or without cause by giving not less than fifteen days (15) written notice of termination. In the event of termination, the Consultant shall deliver to the Town all plans, files, documents, reports, performed to date by the Consultant. In the event of such termination, Town shall pay Consultant an amount that bears the same ratio to the maximum contract price as the work delivered to the Town bears to completed services contemplated under this Agreement, unless such termination is made for cause, in which event, compensation, if any, shall be adjusted in light of the particular facts and circumstances involved in such termination.
- 4.4 Prevailing Wages. This project is subject to the requirements of Section 1720 et seq. of the California Labor Code requiring the payment of prevailing wages, the training of apprentices and compliance with other applicable requirements. Contractors and all subcontractors who perform work on the project are required to comply with these requirements. Prevailing wages apply to all projects over \$1,000 which are defined as a "public work" by the State of California. This includes construction, demolition, repair, alteration, maintenance and the installation of photovoltaic systems under a Power Purchase Agreement when certain conditions are met under Labor Code Section 1720.6. This include service and warranty work on public buildings and structures.
- 4.4.1 The applicable California prevailing wage rate can be found at www.dir.ca.gov and are on file with the Town of Los Gatos Parks and Public Works Department, which shall be available to any interested party upon request. The contractor is also required to have a copy of the applicable wage determination posted and/or available at each jobsite.

- 4.4.2 Specifically, contractors are reminded of the need for compliance with Labor Code Section 1774-1775 (the payment of prevailing wages and documentation of such), Section 1776 (the keeping and submission of accurate certified payrolls) and 1777.5 in the employment of apprentices on public works projects. Further, overtime, weekend and holiday pay, and shift pay must be paid pursuant to applicable Labor Code section.
- 4.4.3 The public entity for which work is being performed or the California Department of Industrial Relations may impose penalties upon contractors and subcontractors for failure to comply with prevailing wage requirements. These penalties are up to \$200 per day per worker for each wage violations identified; \$100 per day per worker for failure to provide the required paperwork and documentation requested within a 10-day window; and \$25 per day per worker for any overtime violation.
- 4.4.4 As a condition to receiving progress payments, final payment and payment of retention on any and all projects on which the payment of prevailing wages is required, the contractor agrees to present to the TOWN, along with its request for payment, all applicable and necessary certified payrolls (for itself and all applicable subcontractors) for the time period covering such payment request. The term "certified payroll" shall include all required documentation to comply with the mandates set forth in Labor Code Section 1720 et seq, as well as any additional documentation requested by the Agency or its designee including, but not limited to: certified payroll, fringe benefit statements and backup documentation such as monthly benefit statements, employee timecards, copies of wage statements and cancelled checks, proof of training contributions (CAC2 if applicable), and apprenticeship forms such as DAS-140 and DAS-142.
- 4.4.5 In addition to submitting the certified payrolls and related documentation to the TOWN, the contractor and all subcontractors shall be required to submit certified payroll and related documents electronically to the California Department of Industrial Relations. Failure to submit payrolls to the DIR when mandated by the project parameters shall also result in the withholding of progress, retention and final payment.
- 4.4.6 No contractor or subcontractor may be listed on a bid proposal for a public works project unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5 [with limited exceptions from this requirement for bid purposes only under Labor Code section 1771.1(a)].
- 4.4.7 No contractor or subcontractor may be awarded a contract for public work on a public works project, unless registered with the Department of Industrial Relations pursuant to Labor Code section 1725.5. Contractors MUST be a registered "public works contractor" with the DIR AT THE TIME OF BID. Where the prime contract is less than \$15,000 for maintenance work or less than \$25,000 for construction alternation, demolition or repair work, registration is not required.
- 4.4.8 Should any contractor or subcontractors not be a registered public works contractor and perform work on the project, Contractor agrees to fully

indemnify the TOWN for any fines assessed by the California Department of Industrial Relations against the TOWN for such violation, including all staff costs and attorney's fee relating to such fine.

- 4.4.9 The TOWN shall withhold any portion of a payment; including the entire payment amount, until certified payroll forms and related documentation are properly submitted, reviewed and found to be in full compliance. In the event that certified payroll forms do not comply with the requirements of Labor Code Section 1720 et seq., the TOWN may continue to hold sufficient funds to cover estimated wages and penalties under the contract.
- 4.5 Amendment. No modification, waiver, mutual termination, or amendment of this Agreement is effective unless made in writing and signed by the Town and the Consultant.
- 4.6 Disputes. In any dispute over any aspect of this Agreement, the prevailing party shall be entitled to reasonable attorney's fees, including costs of appeal.
- 4.7 Notices. Any notice required to be given shall be deemed to be duly and properly given if mailed postage prepaid, and addressed to:

Town of Los Gatos
Attn: Town Clerk
110 E. Main Street
Los Gatos, CA 95030

Ninyo & Moore
2149 O'Toole Avenue, Suite 30
San Jose, CA 95131

or personally delivered to Consultant to such address or such other address as Consultant designates in writing to Town.

- 4.8 Order of Precedence. In the event of any conflict, contradiction, or ambiguity between the terms and conditions of this Agreement in respect of the Products or Services and any attachments to this Agreement, then the terms and conditions of this Agreement shall prevail over attachments or other writings.
- 4.9 Entire Agreement. This Agreement, including all Exhibits, constitutes the complete and exclusive statement of the Agreement between the Town and Consultant. No terms, conditions, understandings or agreements purporting to modify or vary this Agreement, unless hereafter made in writing and signed by the party to be bound, shall be binding on either party.

IN WITNESS WHEREOF, the Town and Consultant have executed this Agreement.

Town of Los Gatos by:

Consultant, by:

DocuSigned by:



4/20/2021

Laurel Prevetti, Town Manager

DocuSigned by:

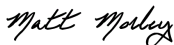


4/13/2021

A2E33B2A3400446...

Recommended by:

DocuSigned by:



4/14/2021

Matt Money

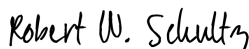
Director of Parks and Public Works

Greg Ruf, Principal Engineer

Printed Name and Title

Approved as to Form:

DocuSigned by:



4/17/2021

Robert Schultz, Town Attorney

Attest:

DocuSigned by:



4/20/2021

Shelley Neis, MMC, CPMC, Town Clerk



Ms. Janice Chin, Assistant Engineer
Town of Los Gatos
Parks and Public Works
41 Miles Avenue
Los Gatos, California 95030

On-Call Materials Testing and Special Inspection Services



January 14, 2021
Proposal No. P08SJO-01301

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

Cover Letter

Cover Letter



Geotechnical & Environmental Sciences Consultants

January 14, 2021
 Proposal No. P08SJO-01314

Ms. Janice Chin, Assistant Engineer
 Town of Los Gatos
 Parks and Public Works
 41 Miles Avenue
 Los Gatos, California 95030

Subject: On-Call Materials Testing and Special Inspection Services

Dear Ms. Chin:

Ninyo & Moore Geotechnical and Environmental Sciences Consultants is pleased to submit our qualifications in response to your Request for Qualifications (RFQ) to provide On-Call Materials Testing and Special Inspection Services for the Town of Los Gatos (Town). We acknowledge receipt of the Town's Questions and Answers addendum dated January 11, 2021, and confirm that all requirements of the addenda are included in this proposal. With regard to a 2-hour minimum charge as opposed to the standard practice of our profession of a 4-hour minimum, driven by collective bargaining and prevailing wage, we agreed to the 2-hour minimum as well as 2-hour billing increments for the first 8 hours with the understanding that our services are billed on a portal-to-portal basis from our San Jose facility, not just time on site.

Ninyo & Moore is a California "S" Corporation which began in 1986 in San Diego, California. Our firm specializes in Materials Testing and Inspection Services as part of the wide range of consulting services that we provide to our clients and is one of the most highly respected Geotechnical services consultants in Northern California. From our local offices in San Jose and Alameda, California, we have been providing Construction Materials Testing/Inspection consulting services on a wide variety of capital improvement projects that are similar in scope to the services requested. In Northern California, we currently hold or have held on-call services agreements with the following agencies:

- City of Redwood City
- City of San Carlos
- City of Millbrae
- City of South San Francisco
- San Francisco Public Works
- City of Albany
- City of Richmond
- City of Oakland
- City of El Cerrito
- City of Alameda
- City of Fremont
- Contra Costa County
- Midpeninsula Regional Open Space District
- San Francisco Unified School District
- County of Alameda Flood Control District and Public Works Agency
- County of Santa Clara Fleet and Facilities and Park and Recreations Departments

Ninyo & Moore is highly qualified to perform the requested services for the following reasons:

- **NORTHERN CALIFORNIA PUBLIC WORKS EXPERIENCE** – For 34 years Ninyo & Moore has provided geotechnical, environmental, materials testing, and inspection services to municipal agencies and school districts throughout the Western United States. We previously provided and are presently providing services similar to those required for this on-call contract for City of Fremont, City of San Jose, City of Santa Clara, City of Oakland, City of Alameda, and City of San Francisco, as well as over 50 cities and counties throughout California.
- **QUALIFIED STAFF TO RESPOND TO A VARIETY OF TASKS** – Company-wide, Ninyo & Moore has a team of 493 professionals and has the in-house resources to support this contract throughout its duration. The references we have provided can attest to our responsiveness and quality deliverables.

Cover Letter

- **SUCCESSFUL APPROACH TO PROVIDING ON-CALL SERVICES** – We understand the nature of the work required and the importance of offering a comprehensive range of 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 Authorization. We have compiled our team with maximum flexibility for demanding project requirements or the assignment of concurrent task orders.

The Ninyo & Moore Contract Manager with authority to bind the firm in all matters related to this proposal is presented below. He will also be the City's primary point of contact.

- **Mr. Gregory J. Ruf, PE, GE**
Ninyo & Moore Geotechnical and Environmental Sciences Consultants
Principal Engineer/Dir. of Construction Services, Primary Point of Contact
2149 O'Toole Avenue, Suite 30, San Jose, California 95131
T: 408.435.9000, ext. 15314 | F: 408.435.9006 | Email: gruf@ninyoandmoore.com

As a requirement of the Town's RFQ, we have reviewed the contract template for the Consultant Services Agreement and confirm that it is acceptable.

We appreciate this opportunity to submit our qualifications and we look forward to the opportunity of working with the Town of Los Gatos, if selected. We are available to answer any questions during your evaluation period.

Sincerely,

NINYO & MOORE



Gregory J. Ruf, PE, GE
Principal Engineer

GJR/jso

Certification Forms

ATTACHMENT 2 – CONFLICT OF INTEREST STATEMENT

ATTACHMENT 2 - CONFLICT OF INTEREST STATEMENT

THIS FORM MUST BE PRINTED OUT, COMPLETED AND SUBMITTED WITH THE STATEMENT OF QUALIFICATION (SOQ)

ON-CALL MATERIALS TESTING AND SPECIAL INSPECTION SERVICES

The undersigned declares:

I/We Ninyo & Moore (Insert Company Name) have the following financial, business, or other relationship with Town that may have an impact upon the outcome of the contract or the construction Project. If none, please specify that no other relationships may have an impact on this contract or Project.

No other relationship will have an impact on this contract or Project.

I/We Ninyo & Moore (Insert Company Name) have the following current clients who may have a financial interest in the outcome of this contract or the construction Project. If none, please specify that no other clients may have a financial interest with an impact on this contract or Project.

No other clients will have a financial interest with an impact on this contract or Project.

I/We Ninyo & Moore (Insert Company Name) have the following financial interests or relationships with a construction company that might submit a bid for the construction of the Project. If none, please specify that no such relationships exist.

No such relationships exist.

Certification Forms

Pursuant to Government Code section 1090 and any other laws, rules and regulations that may apply, the Proposer covenants that neither it, its subcontractors nor employees presently have an interest, and shall not acquire any interest, direct or indirect, financial or otherwise that would conflict in any manner or degree with contract awarded from this RFQ. Proposer certifies that to the best of its knowledge, no one who has or will have any financial interest in the contract awarded from this RFQ is an officer or employee of the Town. Through its submittal of a SOQ, Proposer acknowledges that it is familiar with Section 87100 et seq. and Section 1090 et seq. of the Government Code of the State of California and will immediately notify the Town if it becomes aware of any facts concerning the contract to be awarded that constitute a violation of said provisions.

Furthermore, if there is reason to believe that collusion exists among the Proposers, the Town may refuse to consider SOQ's from participants in such collusion. No person, firm, or corporation under the same or different name, shall make, file, or be interested in more than one SOQ for the same work unless alternate SOQ's are called for. A person, firm, or corporation who has submitted a sub-proposal to a Proposer, or who has quoted prices on materials to a Proposer, is not thereby disqualified from submitting a sub-proposal or quoting prices to other Proposers. Reasonable ground for believing that any Proposer is interested in more than one proposal for the same work will cause the rejection of all proposals for the work in which a Proposer is interested. If there is reason to believe that collusion exists among the Proposers, the Town may refuse to consider SOQ's from participants in such collusion. Proposers shall submit as part of their SOQ documents the completed Non-Collusion Declaration provided herein as Attachment 4.

I, on behalf of the Proposer, 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 January 14, 2021 [date], at San Jose [city], California [state].

Ninyo & Moore

Proposer Name (Person, Firm, Corp.)

Principal Engineer/Dir. of Construction Services

Title of Authorized Representative

2149 O'Toole Avenue, Suite 30

Address

Gregory J. Ruf, PE, GE

Name of Authorized Representative

San Jose, California 95131

City, State, Zip

January 14, 2021

(Date)


(Signed)

Certification Forms

ATTACHMENT 3 – NON-COLLUSION DECLARATION

ATTACHMENT 3 – NON-COLLUSION DECLARATION

THIS FORM MUST BE PRINTED OUT, COMPLETED AND SUBMITTED WITH THE STATEMENT OF QUALIFICATION (SOQ)

ON-CALL MATERIALS TESTING AND SPECIAL INSPECTION SERVICES

The undersigned declares:

I am a Principal Engineer [Insert Title] of Ninyo & Moore, [Insert name of company, corporation, LLC, partnership or joint venture] the party making the foregoing SOQ.

The SOQ is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The SOQ is genuine and not collusive or sham. The Respondent has not directly or indirectly induced or solicited any other respondent to put in a false or sham SOQ. The Respondent has not directly or indirectly colluded, conspired, connived, or agreed with any bidder or anyone else to put in a sham SOQ, or to refrain from responding. All statements contained in the SOQ are true.

Any person executing this declaration on behalf of a respondent 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 respondent.

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 1/14/2021 [date], at San Jose [city], CA [state].

By: 

Name: Gregory J. Ruf, PE, GE

Title: Principal Engineer/Dir. of Construction Services

Certification Forms

ATTACHMENT 5 – INSURANCE COVERAGE

ATTACHMENT 5 - STATEMENT REGARDING INSURANCE COVERAGE AND WORKERS' COMPENSATION INSURANCE ACKNOWLEDGMENT CERTIFICATE

THIS FORM MUST BE PRINTED OUT, COMPLETED AND SUBMITTED WITH THE STATEMENT OF QUALIFICATION (SOQ)

ON-CALL MATERIALS TESTING AND SPECIAL INSPECTION SERVICES

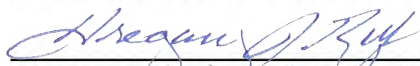
PROPOSER HEREBY CERTIFIES that the Proposer has reviewed and understands the insurance coverage requirements specified in the RFQ. Should the Proposer be awarded the contract for the Services, Proposer further certifies that the Proposer can meet the specified requirements for insurance, including insurance coverage of the subcontractors, and agrees to name the Town as additional insured for the Services specified.

By certifying this form, the Proposer also understands the Workers' Compensation insurance requirement per the California Labor Code, Sections 1860 and 1861:

I am aware of the provisions of Section 3700 of the Labor Code, which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provisions before commencing the performance of the work of this contract.

Ninyo & Moore

Name of Proposer (Person, Firm, or Corporation)



Signature of Proposer's Authorized Representative

Gregory J. Ruf, PE, GE, Principal Engineer/Dir. of Construction Services

Name & Title of Authorized Representative

January 14, 2021

Date of Signing

Review of Scope of Services



Ninyo & Moore has developed an in-house project management system specifically tailored to government contracts. This system is continually updated to meet the changing needs of our public agency clients and allows us to effectively and efficiently respond to each task assigned with highly experienced and qualified personnel, while at the same time, maintaining a single-point-of-contact with the Town for the coordination of all our services. The success of our on-going contract management system is demonstrated by the numerous on-call contracts we have been awarded by public agencies and the renewal of these contracts over the years.

The scope of work performed as part of the specific project will be influenced by the nature of the proposed improvements. Based on our understanding of the various Capital Improvement Projects (CIP) within the Town, our review of the Quality Assurance Program (QAP), and our experience with similar projects, we propose to provide the following scope of services:

- ✓ Sampling of aggregate base and hot mix asphalt from the plant and job site and transportation to our laboratory for testing;
- ✓ Perform conformance testing of aggregate base material including sieve analysis (CT 202), sand equivalent (CT 217) and Cleanness Value (CT 227) in the laboratory and provide test results to the Resident Engineering within 24 hours;
- ✓ In-place field density testing of soils and aggregates using a nuclear density gauge in accordance with CT 231 to determine the relative compaction of compacted soil and aggregate base and provide test results to the Resident Engineering within 24 hours;
- ✓ Maximum compacted density determinations of soils and aggregates in the laboratory accordance with CT 216 for soil and aggregate base and provide test results to the Resident Engineering within 24 hours;
- ✓ In-place field density testing of hot mix asphalt using a nuclear density gauge in accordance with CT 375 to determine the relative compaction of the HMA;
- ✓ Theoretical maximum specific gravity and density (Rice) test (CT 309), asphalt binder content by ignition oven (CT 382), moisture content of asphalt mixture (CT 370), Air voids (CT367), Stabilometer Value test (CT 366) and bulk specific gravity and density of HMA Cores (CT 308) for asphalt concrete in the laboratory;
- ✓ Review concrete mix designs submitted by the contractor for compliance with the project documents when required by the Town;
- ✓ Portland cement concrete batch plant inspection to verify material quality, batch weights, and use of appropriate mix design;
- ✓ Structural concrete placement inspection including slump and temperature tests of concrete and cast compressive strength test specimens (1 set of Five 4"x 8" cylinders per 1,000 CY) for laboratory testing (CT 521);
- ✓ Pavement concrete placement inspection including slump and temperature tests of concrete and cast one set of two beams for Modulus of Rupture (6x6x32 inch for Center Loading and 6x6x20 inch for third point loading – CT 523);
- ✓ Concrete sample pick-up and transportation to our laboratory for curing and testing;
- ✓ Compression testing of concrete cylinders and modulus of rupture testing of concrete beams in the laboratory;
- ✓ Perform conformance testing of aggregate base material including sieve analysis (CT 202), sand equivalent (CT 217) during slurry seal and microsurfacing;
- ✓ Welding procedure and welder's qualification review prior to performing welding in the shop and field;
- ✓ Material identification, mill certificate verification and structural steel welding inspection in the shop;
- ✓ Structural steel welding inspection in the field;
- ✓ Non-destructive testing including ultrasonic and mag particle testing (UT/MT) in the shop and field;

Review of Scope of Services

- ✓ High strength bolts placement inspection and torque testing;
- ✓ Sampling of high strength bolts and transport to our laboratory for testing;
- ✓ Conformance tests of high strength bolts, nuts and washer in the laboratory;
- ✓ Prepare daily field reports documenting items inspected and reports of laboratory testing to be submitted to the project team; and
- ✓ Prepare final affidavit letter at the conclusion of the project.

Other than services listed in the quality assurance program (QAP), we also offer the following services when requested by the Town on an as-needed basis per ASTM, AASHTO and Caltrans testing and inspection standards.

- | | |
|---|--|
| ✓ Asphalt Placement Testing | ✓ Laboratory Testing of Concrete, Masonry, Reinforcing and Structural Steel, Soil and Fireproofing |
| ✓ Asphalt and Concrete Batch Plant Inspection | ✓ Load Testing of Bolts and Embeds |
| ✓ Asphalt and Concrete Mix Design Review | ✓ Masonry Inspection |
| ✓ Backfill Placement Observation | ✓ Material Identification |
| ✓ Concrete and Masonry Coring | ✓ Non-Destructive Testing |
| ✓ Concrete Batch Plant Inspection | ✓ Pile Driving Observation |
| ✓ Concrete Mix Design Review | ✓ Pre-stressed & Post-Tensioned Tendon Stressing |
| ✓ Concrete Sampling and Testing | ✓ Pre-stressed Concrete Inspection |
| ✓ Drilled Shaft Observation | ✓ Reinforced Concrete Inspection |
| ✓ Epoxy & Anchor Bolts Installation Inspection | ✓ Reinforcing Steel Sampling and Tagging |
| ✓ Field and Shop Welding Inspection | ✓ Rock Anchor Tie-Back Placement Observation |
| ✓ Fireproofing Inspection | ✓ Site Grading Observation |
| ✓ Foundation Excavation Evaluation | ✓ Soil Compaction Testing |
| ✓ Glu-lam Product Inspection | ✓ Structural Steel Shop Fabrication Inspection |
| ✓ High Strength Bolt and Expansion Bolt Testing | ✓ Welding Procedure Specification Review |
| ✓ Hveem Tests of Asphalt | |

SPECIALIZED SERVICES:

Ninyo & Moore is capable and experienced in providing geophysical services including ground penetrating radar (GPR) for air voids, reinforcing steel and post-tensioned cable location surveys, concrete, shotcrete and masonry coring services, floor flatness and levelness surveys (FF & FL), vibration and noise monitoring services, window infiltration testing as well as moisture vapor emissions testing. An additional cost estimate for these specialized services will be provided to the Town based on the required scope of work.

I am extremely grateful for the support Ninyo & Moore staff provides and consider their value-added contributions to be indispensable. In combination with the timely manner and professional work ethics, their effort and dedication are truly commendable. I would like to express my personal thanks and sincere appreciation for their efforts and support to the City...

- Ray Chan, PE, City of San Carlos
City Engineer (retired)

Ninyo & Moore has assisted the City of Oakland with a wide variety of projects. They have kept budgets to a minimum and have delivered a quality product. They have also demonstrated the ability to be flexible with both budgets and personnel as projects evolve. They are attentive to the City's needs and excellent at keeping lines of communication open before, during and after a project.

- Mark Gomez, City of Oakland
Supervisor, Environmental Protection & Compliance

Experience and Expertise

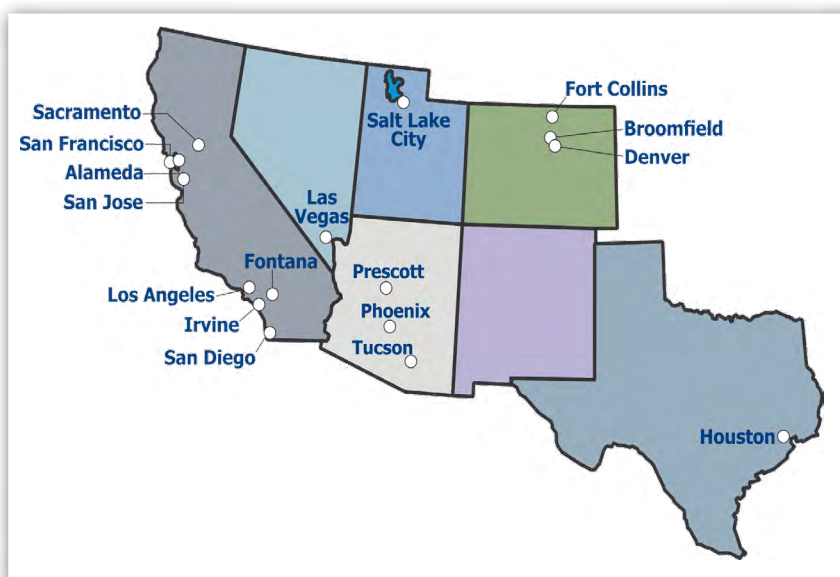
Experience and Expertise

Ninyo & Moore, #219 in the Engineering News Record (ENR) Top 500 Design Firms of 2020, was established in 1986 to provide geotechnical engineering, engineering geology, materials testing, special inspection, and environmental consulting services to clients in the governmental (federal, state, and local), commercial, and private sectors. The company is wholly-owned by Mr. Avram Ninyo, PE, GE, who directly manages the corporation and is supported by an efficient structure of technical and business-line managers. Our firm has provided soil and materials testing and inspection, geotechnical engineering, geologic, hydrogeologic, and environmental consulting services for cities and counties throughout the western United States for 34 years. Ninyo & Moore pledges to complete each and every project assignment in a high-quality manner with special attention given to quality assurance, timeliness, and cost. Specific strengths of Ninyo & Moore, which we believe make us exceptionally well qualified to undertake the requested services, are detailed below.



LOCATIONS

Ninyo & Moore's corporate office is in San Diego, California, with 16 additional locations throughout the western United States, including: San Jose, Alameda, San Francisco, Sacramento, Irvine, Fontana, and Los Angeles, California; Las Vegas, Nevada; Phoenix, Tucson, and Prescott, Arizona; Denver, Broomfield, and Fort Collins, Colorado; Houston, Texas; and Salt Lake City, Utah. This contract will be administered from our San Jose office.



PERSONNEL

Company-wide, Ninyo & Moore's staff of 500 professionals enable us to be responsive to client needs and to successfully complete project tasks on time. In our Bay Area offices, we have 54 professionals who are available to provide services the services described in Section C. Minimum Qualifications of the Town's RFQ. Our current and anticipated workload is such that the proposed qualified personnel who would be assigned to this on-call contract will be able to accomplish project requests for the duration of the contract. Our proposed project team is fully staffed, equipped, and committed to perform the required construction materials testing and inspection services for the Town and will be available to the Town when called upon for services. We are accustomed to working Full-Time and Part-Time on an as-needed basis to accommodate your project needs. Ninyo & Moore has a full-time experienced dispatcher, a full-time experienced Laboratory Manager, and highly experienced inspectors, project and task managers on our staff. The quality of Ninyo & Moore's personnel base is widely recognized. Our staff of experienced and registered professionals includes geotechnical engineers, civil engineers, engineering geologists, hydrogeologists, geophysicists, environmental engineers, environmental scientists, certified technicians and field inspectors, and hazardous waste and regulatory compliance specialists.

TESTING LABORATORIES

Ninyo & Moore's Construction Services Division is capable of performing a wide variety of construction materials inspection and testing services. Ninyo & Moore maintains fully equipped, in-house laboratories and offers full-service field and laboratory services for construction materials testing projects, including soil, concrete, masonry, asphalt, steel, fireproofing, and high strength bolt testing. Our laboratories are supervised by registered civil engineers and meet the requirements of ASTM E329, ASTM C1077,

Experience and Expertise

ASTM D3740, and ASTM D3666. Ninyo & Moore's testing laboratories have been inspected and/or accredited by the Division of the State Architect (DSA), AASHTO, AMRL, CCRL, Caltrans, U.S. Army Corps of Engineers and other governmental entities.

QUALITY

Ninyo & Moore's services are rendered in strict compliance to the firm's rigorous Quality Assurance/Quality Control program, which goes beyond the expectations of the industry. Ninyo & Moore's quality assurance program is designed to be flexible while ensuring that the data is of sufficient and appropriate quality to fulfill project requirements.

TECHNICAL RESOURCES AND MANAGEMENT

Ninyo & Moore's strengths lie in the quality, diversity, and technical experience of its key personnel and staff, and in the personal involvement of the principals throughout the company. Our firm maintains its exceptional reputation in the industry by providing high quality technical expertise and meeting challenging schedules and budgetary goals. This is made possible through our attention to detail, project management approach, and assigning an experienced Principal to every project. Project managers are well versed working closely with project inspectors and project manager of construction management firms to know the schedule ahead of time and co-ordinate with dispatcher to staff the project accordingly.

PROJECT EXAMPLES

Client satisfaction is Ninyo & Moore's most important objective. Ninety percent of our clients are repeat customers. Our primary goal is to deliver high-quality, responsible products and services; a philosophy that has contributed to our growth and client satisfaction since establishment of Ninyo & Moore. For 35 years, we have successfully completed numerous projects under On-Call contracts for public works agencies in cities and counties throughout Northern California in accordance with applicable federal, state, and local government regulations and guidelines. Provided on the following pages are project examples of a similar size, scope, and complexity as the services required by this RFQ that Ninyo & Moore would bring to project assignments. These projects involved interactions with other regulatory agencies for permitting and approvals, as well as a clear understanding of the applicable federal, state, and local government regulations and guidelines. We have attended city council meetings at the request of our clients on an as-needed basis.

Town of Los Gatos, Almond Grove Street Reconstruction Project Phase 2, Materials Testing Services

Ninyo & Moore provided materials testing and inspection services for the Almond Grove Street Reconstruction Project Phase 2 in Los Gatos, which included 10 residential streets. Project improvements consisted of increased disability access, new sidewalks, driveways and concrete paved roadways.

Ninyo & Moore's services for the project included concrete mix design reviews, geotechnical earthwork observation, laboratory testing, and field compaction testing services during earthwork operations, conformance testing in the laboratory, preparation of pavement subgrade, concrete pavement section construction, sampling of concrete and testing them in the laboratory for compression testing. Ninyo & Moore provided RFI review and response, submittal review, and liaison with the project team. Progress reports were sent on a bi-weekly basis. Final verified reports were prepared at project completion to document the work performed.

City of Santa Clara, On-Call Materials Testing and Inspection Services

Ninyo & Moore was awarded an On-Call Materials Testing and Inspection Services contract in 2019 for a three-year term. Projects under this on-call contract consist of various capital improvement projects including street pavement reconstruction & rehabilitation, pedestrian and traffic signal improvements, building construction and renovation, storm drain and sanitary sewer pipeline and pump station rehabilitation, parks and recreation facilities construction and rehabilitation and curb ramp improvements.

Ninyo & Moore is currently providing geotechnical observation and soil compaction testing for City's 2020 Pavement Preservation Project which is Federally Funded and requires to follow Local Assistance Procedures Manual from Caltrans for sampling and testing of subgrade, aggregate base and asphalt concrete material. The project consists of removal and replacement of failed

Experience and Expertise

pavement areas, application of slurry seal surface treatments, installation of rubberized asphalt, replacement of pavement markings, and construction of new ADA-compliant curb ramps. Experienced Caltrans certified technician is assigned to perform sampling of aggregates from the batch plant and deliver to laboratory for conformance testing as well as in place density testing for sub-grade, aggregate base and asphalt concrete along with concrete sampling and testing per Caltrans testing requirements.

City of Fremont, On-Call Geotechnical Consulting and Materials Testing Services

Ninyo & Moore is currently retained by the City of Fremont for a 3-year On-Call Geotechnical Services contract which began in 2018 with 2 one-year extensions through June, 2023. As part of this ongoing contract, one of the projects we provided services for was performing a geotechnical evaluation for the Central Park Athletic Fields 9 and 10 Project to gather data regarding the subsurface soil and geologic conditions at the site, and provide recommendations for the design and construction of the new facility. Our scope of services for this phase of the project included review of pertinent background data, performance of a geotechnical reconnaissance, subsurface evaluation, laboratory testing, and engineering analysis with regard to the proposed construction. Ninyo & Moore prepared a report presenting our geotechnical findings, conclusions, and recommendations for the project.

Prior to construction bid, Ninyo & Moore performed a geotechnical review of the plans and specifications for the proposed athletic fields. The purpose of our review was to offer an opinion as to whether the issues relating to the geotechnical conditions, as presented in our 2013 geotechnical evaluation had adequately addressed in the design documents.

Ninyo & Moore also provided geotechnical earthwork observation, laboratory testing, and relative compaction field testing services during earthwork operations associated with the construction of athletic fields. Field services included drill pier observation, concrete placement inspection, sampling and testing, compaction testing of native and imported material and permeability testing of permeable base rock material. Laboratory testing services included compression testing of concrete cylinders, conformance tests of permeable base material and proctor density tests of soil.

Ninyo & Moore has also provided On-Call Geotechnical and Materials Testing Services for these additional projects for the City:

- | | | |
|---|-------------------------------|-------------------------------|
| ✓ Central Park Playing Fields 9 & 10 | ✓ Irvington Park Field Turf | ✓ Los Cerritos Community Park |
| ✓ Mill Creek & Morrison Canyon Road Landslide | ✓ Karl Nordvik Community Park | ✓ Large Group Picnic Area |
| ✓ Capitol Avenue Extension Project | ✓ Los Cerritos Community Park | ✓ California Nursery Park |
| ✓ Paseo Padre OC Settlement | ✓ Northgate Community Park | ✓ Dusterberry Park |

City of Oakland, On-Call Geotechnical Consulting and Materials Testing Services

Ninyo & Moore was awarded several multi-year contracts to provide on-call geotechnical consulting services to the City of Oakland. Projects included as part of the contract were landslide evaluations, geotechnical studies for buildings and retaining walls, evaluation of groundwater issues, pavement failure analysis and pavement design, and geotechnical analysis for pipeline trenches. Our services have included review of aerial photographs and geologic maps, geologic and geotechnical site reconnaissance, subsurface investigations, engineering analysis, geotechnical laboratory testing, landslide monitoring, preparation of geotechnical reports, and construction observation and testing services.

EAST OAKLAND SPORTS COMPLEX: Ninyo & Moore provided geotechnical engineering services for the new East Oakland Sports Complex at Ira Jinkins Park. The 14-acre site is on the south side of Edes Avenue at the location of the existing Ira Jinkins Park at an elevation of about 10 feet above mean sea level. The project included demolition of the existing community center and construction of a 155,000 square-foot, two-story sports complex containing an Olympic-size swimming pool, a recreational natatorium, gymnasium, bowling alley, and additional activity areas. Construction also included filling and grading of the parking area to an elevation of approximately 12 feet to meet the entrance of the proposed structure. The senior center/library remained in the northwest corner of the site. Ninyo & Moore's services included review of preliminary project plans, geologic maps, stereoscopic aerial photographs, and Caltrans boring logs along I-880; a geotechnical site reconnaissance to observe the existing conditions; and drilling, sampling and logging of deep exploratory borings and installation of two monitoring wells for

Experience and Expertise

monitoring groundwater levels. Deep borings were excavated to depths of approximately 30 to 50 feet below the existing ground surface for evaluation of liquefaction potential and foundation design. Our services included a geotechnical report summarizing our findings, conclusions and recommendations for this Leed Silver certified facility. This project was recognized by APWA as one of the 2012 Projects of the Year for excellence in agency, consultant/architect/engineer and contractor cooperation and team work.

A list of additional projects under this contract included:

- | | | |
|--|--|---|
| ✓ East Oakland Sports Complex | ✓ Lincoln Square Park | ✓ Trash Control Units, High Street & Alameda Avenue |
| ✓ Coliseum Intercity Rail Station | ✓ Trash Collector, Geotechnical Evaluation & City Permit Acquisition | ✓ Linden Park |
| ✓ Melvin Road Slope Repair and PS&E | ✓ Lincoln Square Park | ✓ Chelton & Girvin Dr./EBMUD Water Main Rupture |
| ✓ Castle Drive Slope Repair | ✓ 25th Street Mini Park | ✓ AC Transit BRT Report Peer Review |
| ✓ Westmoreland Drive Slope Remediation | ✓ West Oakland Youth Center | ✓ Charing Cross Slope Improvement |
| ✓ Emergency On-Call, Alvarado Road | ✓ 601 Macarthur Blvd & 620 Wesley Avenue, PS&E Services | ✓ 8350 Outlook Ave |
| ✓ Emergency On-Call, Westover Drive | ✓ Tunnel Road, Geotech Feasibility Study | ✓ 1630 San Pablo Peer Review |
| ✓ Emergency On-Call, Thornhill Drive | ✓ Owen Jones and Poplar Fields | ✓ Martin Luther King Streetscape |
| ✓ Emergency On-Call, Marlborough Terrace | ✓ Nichols/Base Repair Training | ✓ 6th and Harrison Sinkhole |
| ✓ Emergency On-Call, Claremont Avenue | ✓ Grizzly Peak FDR & Additional Coring | ✓ 6415 Valley View Road |
| ✓ Emergency On-Call, Dwight Way | | |
| ✓ Peralta Hacienda Historical Park | | |

City and County of San Francisco, As-Needed Special Inspection and Testing Services

Ninyo & Moore was awarded two consecutive multi-year contracts to provide special inspection and materials testing services for the City and County of San Francisco, Department of Public Works, Bureau of Construction Management (BCM). The initial contract began in 2003 under a two-year term which was eventually extended for an additional year. In 2006, Ninyo & Moore was awarded a second three-year contract. Our firm was recently awarded a third multi-year special inspection contract with the San Francisco Public Works.

Ninyo & Moore has provided oversight of specific aspects of the construction process to document that critical structural elements comply with the work assignment's specifications and plans and the permitting process of the City's Department of Building Inspection and the Department of Public Works. We also provided special inspection of structural steel welding (field and shop fabrication), torque/pull tests on epoxy dowels and high strength bolting, and testing of shear walls used as shear diaphragms, and reinforced concrete. Ninyo & Moore has performed laboratory testing on soils and aggregates, sampled and tested fresh concrete, and prepared cylindrical concrete specimens for compressive strength testing. We have also performed compaction testing on grading and earthwork activities for compliance with project specifications.

Projects successfully completed under this multi-year contract for the City include:

- | | | |
|---|---|---|
| ✓ San Francisco General Hospital Medical Center Seismic Upgrade | ✓ Jones Street Rebar & Concrete Services | ✓ Curry Center Exterior Wall Repair and Roofing |
| ✓ Harding Park Clubhouse | ✓ Bayview Opera House Plaza | ✓ Alice Chalmers Playground Renovation |
| ✓ Excelsior Branch Library | ✓ Mission Cultural Center for Latino Arts | ✓ Hyde & Turk Mini Park |
| ✓ Western Addition Branch Library | ✓ Randall Museum Renovation | ✓ McLaren Park Playground & Group Picnic Area |
| ✓ 1680 Mission Street | ✓ 17th & Folsom Street Park | ✓ Fire Station 2 Generator Replacement |
| ✓ Noe Valley Branch Library | ✓ Noe Valley Town Square | ✓ West Portal Playground |
| ✓ Marina Branch Library | ✓ Franklin Square | ✓ Angelo Rossi Pool Renovation |
| ✓ J.P. Murphy Clubhouse and Playground | ✓ Silver Terrace Club House | ✓ George Christopher Playground Renovation |
| ✓ Rochambeau Playground and Clubhouse | ✓ Zuckerberg San Francisco General Hospital | ✓ Bayview Safe Navigation Center |
| ✓ Coffman Pool Reconstruction | ✓ SF Zoo Primate Discovery Center Exhibit | ✓ Moscone Center Expansion |
| ✓ Minnie and Lovie Ward Recreation Center | ✓ Herz Playfield ADA Improvements | ✓ PHS NFS Hose Tower Removal Fire Stations #6, #11, #12, #21, #38 |
| ✓ Richmond Branch Library Renovation | ✓ Diamond Heights Blvd Pavement Renovation & Water Main Replacement | ✓ Shoreview Park Renovation |
| ✓ SF Veteran Memorial Monuments | ✓ Alvord Lake Bridge Repair | |
| ✓ Portsmouth Square Restroom Renovation | ✓ Laguna Honda Hospital | |
| ✓ Northbeach/Joe Di Maggio Playground | ✓ Sergeant J Macaulay Playground | |
| ✓ SF County Jail Deputy Station | | |

Experience and Expertise

City of South San Francisco, On-Call Geotechnical Engineering and Materials Testing Services

Ninyo & Moore was originally retained in 2016 by the City of South San Francisco (City) for their on-call Geotechnical Engineering and Materials Testing contract; and then recently renewed for a 3-year contract, with optional 2-year extension into 2025. As part of this ongoing contract, we performed a limited geotechnical evaluation for the proposed Pavement Rehabilitation Project along portions of Harbor Way, Littlefield Avenue, Grandview Drive, DNA Way, and Point San Bruno Boulevard in South San Francisco, California. The proposed project rehabilitated the existing pavements by using the cold-in-place recycling (CIPR) method to replace the upper portion of the pavement section. The purpose of our geotechnical evaluation was to evaluate the subsurface conditions along the proposed alignment and to provide our conclusions regarding the suitability of the CIPR method for rehabilitation of the subject pavements.

Ninyo & Moore's scope of services for this phase of the project included review of pertinent background data, performance of a limited geotechnical reconnaissance, subsurface exploration, laboratory testing, and engineering analysis with regard to the proposed construction. We performed the following tasks: a site reconnaissance to observe the general site and pavement conditions and to mark the proposed locations for subsurface exploration; a subsurface exploration consisting of fourteen hand auger borings to evaluate the pavement subgrade conditions; and laboratory testing of representative soil samples collected during our subsurface exploration. Our services were performed during normal business hours and we provided 8 field and office staff over the project duration.

City of Pittsburg, Construction Material Testing, Environmental/Hazardous Material Testing and Geotechnical Services

Ninyo & Moore was retained as the City's On-Call Construction Material Testing, Hazardous Materials Testing and Geotechnical Services consultant from 2010 to 2014, and was recently awarded a new 3-year contract. One of the projects performed included materials testing services for the construction of the safety improvements along Herb White Way between West 6th Street and West 9th Street in Pittsburg, California. Related improvements included construction of pavement section, side walk, curb & gutter, access ramps, and associated streetscaping. Materials testing services consisted of qualification review of aggregate base to check for compliance with project specifications; and compaction testing of subgrade and aggregate base. After project completion, Ninyo & Moore prepared the final report presenting the result on our field and laboratory testing services.

Project consisted of the streetscaping and safety improvements along Herb White Way between West 6th Street and West 9th Street in Pittsburg. Ninyo & Moore provided oversight for the materials testing services during construction. Materials testing services consisted of qualification review of aggregate base to check for compliance with project specifications; and compaction testing of subgrade and aggregate base. After project completion, Ninyo & Moore prepared the final report of field and laboratory testing services.

City of Cupertino, Sports Center Tennis Court Retaining Wall Project, Materials Testing and Special Inspection Services

Ninyo & Moore was retained by the City of Cupertino to perform materials testing and special inspection for the Sports Center Tennis Court Retaining Wall Repair Project. The project consisted of a partial height concrete wall with drilled pier foundations to provide strength to an existing retaining wall that had shown signs of cracking, spalling, and tilt. Materials testing and special inspection services provided included concrete sampling and testing, shotcrete placement observation, reinforcing steel placement observation, and laboratory testing of compressive strength specimens.

Experience and Expertise

City of Cupertino, Stevens Creek Blvd at Perimeter Road Turn Pocket Extension, Materials Testing and Special Inspection Services

Ninyo & Moore performed the geotechnical observation and materials testing services Stevens Creek Blvd at Perimeter Road Turn Pocket Extension project during construction. This project included the demolition of a portion of median along Stevens Creek Blvd and the extension of an existing left turn lane. Ninyo & Moore examined the condition of the exposed roadway subgrade then observed and tested the placement and compaction of base and asphalt concrete. Ninyo & Moore's services consisted of earthwork observation and soils testing, field density testing, and submitting a grading report summarizing observations and testing.

City of South San Francisco, Four Parks Project, Geotechnical and Materials Testing Services

Ninyo & Moore was retained by the City of South San Francisco to perform Geotechnical observation and testing on the Four Parks Renovation Project. The four parks included Buri Buri Park, Winston Park, Francisco Terrace Park, and Clay Park. Related improvements included construction of pavement sections for parking lots, side walk, curb & gutter, access ramps, and new safety play surfaces. Geotechnical Observation and testing services consisted of qualification review of aggregate base to check for compliance with project specifications; and compaction testing of subgrade, aggregate base, and asphalt concrete. After project completion, Ninyo & Moore prepared the final report presenting the result on our field and laboratory testing services.

City of South San Francisco, Obag 2 Street Rehabilitation, Materials Testing Services

Ninyo & Moore was retained by the City of South San Francisco to perform Geotechnical observation and testing on the Four Parks Renovation Project. The four parks included Buri Buri Park, Winston Park, Francisco Terrace Park, and Clay Park. Related improvements included construction of pavement sections for parking lots, side walk, curb & gutter, access ramps, and new safety play surfaces. Geotechnical Observation and testing services consisted of qualification review of aggregate base to check for compliance with project specifications; and compaction testing of subgrade, aggregate base, and asphalt concrete. After project completion, Ninyo & Moore prepared the final report presenting the result on our field and laboratory testing services.

Qualifications of Key Personnel

Qualifications of Key Personnel



Ninyo & Moore will lead the Town contract from our San Jose office located just 13 miles from the Town of Los Gatos. Our firm has drawn a carefully selected and qualified team of registered and certified professional engineers, special inspectors, field technicians, and laboratory personnel to ensure that the Town receives dedicated, skilled staff with local experience, management, and communication skills necessary for the successful completion of any assigned task or project.

We have carefully selected our team members with consistency in mind and the intention is that these team members will serve the Town throughout the contract period of performance. If changes are required, the Town will be notified of personnel changes as soon as it comes to our attention and a transition plan will be developed and proposed. Our team will be led by Mr. Gregory Ruf, PE, GE, a Principal Engineer with 41 years of experience in the materials testing and special inspection field. Mr. Ruf will serve as the Project Manager/Point-of-Contact for the duration of the contract. He will be assisted by Mr. Ruchil Shah, Senior Project Manager. Mr. Shah has 14 years of experience and oversees materials testing and special inspection projects. Should any of our staff members

On the following pages, we have included a table summarizing our project manager and key individuals which we intend to assign to this contract. Full resumes for these personnel are also provided at the end of this section.

KEY PERSONNEL SUMMARY OF QUALIFICATIONS		
Team Member / Role	Education and Training/Licenses	Relevant Project Experience
Gregory Ruf Principal-In-Charge / Contract Manager	B.S., Civil Engineering PE 35389 (CA) GE 2940 (CA)	Town of Los Gatos; Cities of San Jose, Millbrae, Santa Clara, San Carlos, Redwood City, South San Francisco, Albany, Pittsburg, Oakland, Alameda, Fremont, El Cerrito, and Los Altos; City and County of San Francisco; County of Alameda
Ruchil Shah Senior Project Manager	M.S., Civil Engineering B.S., Civil Engineering	Town of Los Gatos; Cities of Millbrae, Cupertino, South San Francisco, Albany, Oakland, Fremont, Richmond, Alameda, Burlingame; City and County of San Francisco; County of Alameda; County of Marin; Stanford University

Qualifications of Key Personnel

KEY PERSONNEL SUMMARY OF QUALIFICATIONS		
Team Member / Role	Education and Training/Licenses	Relevant Project Experience
Bryan Steinbrueck Laboratory Manager	A.S., Computer Systems Networking & Telecommunications A.A., Liberal Arts and Sciences/Liberal Studies ACI Concrete Strength Testing Technician ICC Spray-Applied Fireproofing Special Inspector NICET Construction Materials Testing: – Asphalt (Level II) – Concrete (Level II) – Soils (Level II) Caltrans Concrete Test Methods (CT: 105, 125 AGG, 201, 202, 205, 216, 217, 226, 227, 229, 521) Caltrans AASHTO Test Methods (T: 166, 209, 269, 275, 308)	Town of Los Gatos; Cities of Millbrae, Cupertino, South San Francisco, Albany, Oakland, Fremont, Richmond, Alameda, Burlingame; City and County of San Francisco; County of Alameda; County of Marin; Stanford University
Danny Winn Field Operations Manager	ACI – Grade 1 ICC – Reinforced Concrete Special Inspector Caltrans Concrete Test Methods (CT: 125 AGG, 125 BIT, 125 GEN, 125 HMA, 231, 375)	Town of Los Gatos; Cities of Millbrae, Cupertino, South San Francisco, Albany, Oakland, Fremont, Richmond, Alameda, Burlingame; City and County of San Francisco; County of Alameda; County of Marin; Stanford University
Jalal Keramat Special Inspector	B.S., Civil Engineering Engineer-In-Training, EIT #152132 ACI Concrete Field Testing Technician, Grade I; ACI Concrete Strength Testing Technician; ACI Aggregate Testing Technician Level I; ACI Concrete Laboratory Testing Technician Level I ICC Master of Special Inspection; ICC Prestressed Concrete Special Inspector; ICC Reinforced Concrete Special Inspector; ICC Spray-Applied Fireproofing Special Inspector; ICC Structural Masonry Special Inspector; ICC Structural Steel & Bolting Special Inspector; ICC Structural Welding Special Inspector	Town of Los Gatos; Cities of Millbrae, Cupertino, South San Francisco, Albany, Oakland, Fremont, Richmond, Alameda, Burlingame; City and County of San Francisco; County of Alameda; County of Marin; Stanford University
Johnkin Eliyeh-Ordshahi Special Inspector	B.S., Materials Engineering–Metallurgy AWS Certified Welding Inspector, Level II: - ASNT Magnetic Particle Testing - ASNT Ultrasonic Testing - ASNT Liquid Penetrant Testing	Cities of Millbrae, Cupertino, South San Francisco, Albany, Oakland, Fremont, Richmond, Alameda, Burlingame; City and County of San Francisco; County of Alameda; County of Marin; Stanford University
Blair Schleske Field Technician	B.A., Environmental Studies ACI Concrete Field Testing Technician Grade I Caltrans Concrete Test Methods (CT: 231, 375, 504, 518, 539, 540, 543, 556, 557)	Town of Los Gatos; Cities of Millbrae, Cupertino, South San Francisco, Albany, Oakland, Fremont, Richmond, Alameda, Burlingame; City and County of San Francisco; County of Alameda; County of Marin; Stanford University
Jonathan Urmeneta Field Technician	ACI Concrete Field Testing Technician Grade I Radiation (Nuclear Gauge) User Safety	Cities of Fremont, Millbrae, Santa Clara, Cupertino, South San Francisco, Albany, Oakland, Burlingame; City and County of San Francisco; County of San Mateo; Stanford University
Peter Manchester Field Technician	ACI Concrete Field Testing Technician Grade I Certified Pervious Concrete Technician Radiation (Nuclear Gauge) User Safety Caltrans Concrete Test Methods (CT: 125 AGG, 125 BIT, 125 GEN, 125 HMA, 231, 375)	Town of Los Gatos; Cities of Fremont, Santa Clara, Millbrae, Cupertino, South San Francisco, Albany, Alameda, Burlingame; City and County of San Francisco; Contra Costa County; County of San Mateo; Stanford University

Qualifications of Key Personnel

PERSONNEL ROLES

Ninyo & Moore's project personnel are certified in their specific disciplines and are fully committed to providing the necessary resources for successful completion of this contract. Provided below are descriptions of the type of work to be performed by our key personnel.

Principal-In-Charge/Contract Manager

As the Principal-In-Charge and Contract Manager, Mr. Gregory Ruf, PE, GE, commits the complete resources of Ninyo & Moore to this contract. Mr. Ruf directs and supervises geotechnical investigations and materials testing and inspection projects, reviews soil and foundation reports and specifications, and provides technical guidance and support to the engineering staff. Mr. Ruf has 41 years of experience providing geotechnical services for public works, schools, and infrastructure projects for cities, counties, Caltrans, Department of Water Resources and U.S. Army Corps of Engineers. His role for this contract includes the following:

- ✓ Primary point-of-contact to Town personnel;
- ✓ Work closely with the Town's Project Manager, Construction Manager and Project Inspector to ensure all services are provided in a timely and professional manner;
- ✓ Staff the project with the highly qualified and experienced special inspectors who are thoroughly familiar with the project nuances, schedules and budget;
- ✓ Make routine site visits and attend pre-construction meetings, including any other meetings, as requested by the Town;
- ✓ Organize, direct and oversee project tasks including providing QA/QC oversight;
- ✓ Create and issue a budget breakdown spreadsheet, upon request, which shall be included with our invoice on a monthly basis, with all supporting/required data;
- ✓ Implement pro-active approach systems for all special inspection activities;
- ✓ Provide technical support;
- ✓ Review all daily field reports, laboratory reports, concrete mix designs and welding procedures submittal reviews; and
- ✓ Expedite reports for project close out, including final verified reports and affidavits, within the Town's time constraints.

Senior Project Manager

Mr. Ruchil Shah will serve as the Senior Project Manager for this contract. He will be fully engaged in the day-to-day management and committed to stay with the project for the duration of the project. As a Senior Project Manager for Ninyo & Moore, Mr. Shah has 14 years of materials testing experience in project management, planning, design, engineering and estimating, material testing and inspection infrastructure projects. These projects include public and private construction, highways, roadways and bridges, commercial, residential and schools. Mr. Shah has provided materials testing and inspection services involving structural steel welding, concrete, reinforcing steel, post-tensioned concrete, masonry, roofing, fireproofing, soil compaction and epoxy and anchor bolts/dowel installation. His responsibilities will include, but are not limited to, the following:

- ✓ Act as the liaison with the Town's Project Manager;
- ✓ Review all data collected, engineering analyses performed and report drafts;
- ✓ Staff the project with qualified, experienced personnel who are familiar with the main elements of each assignment and have an understanding of the technology required to attain the project goals;
- ✓ Assure that key personnel are available as planned;
- ✓ Organize, direct and oversee project tasks and provide QA/QC oversight;
- ✓ Establish and follow through on milestones;
- ✓ Establish, review and monitor budgets, and implement cost control procedures;
- ✓ Prepare cost and performance reports, and manage funds for labor and materials procurement, as necessary;
- ✓ Assure compliance with regulatory agency protocol; and
- ✓ Assure that work is completed within the required timeframe and approved cost.

Field Operations Manager

Mr. Danny Winn, ACI, ICC, will serve as the Field Operations Manager for this contract. Mr. Winn has 16 years of experience working closely with Ninyo & Moore's field technicians and special inspectors to implement our geotechnical design and earthwork recommendations by performing earthwork observation, materials sampling, and field density testing for construction projects.

Qualifications of Key Personnel

Laboratory Manager

Mr. Bryan Steinbrueck, ACI, NICET, Caltrans, will serve as Laboratory Manager and has 21 years of experience. His responsibilities will include:

- ☑ Review material samples delivered to the laboratory from the job site, issue sample numbers with due dates and assign task to laboratory technicians;
- ☑ Perform laboratory tests and review results for soil, aggregates and asphalt concrete samples and compression tests of concrete cylinders, shotcrete, cores, non-shrink grout, masonry grout and mortar samples. masonry grout and mortar; and
- ☑ Prepare test data sheets, review and distribute laboratory reports to the project team by email.

Special Inspectors and Field Technicians

The inspection responsibilities will be assigned to these Special Inspectors/Field Technicians:

Mr. Danny Winn, ACI, ICC, Caltrans	Mr. Blair Schleske, ACI, Caltrans
Mr. Jalal Keramat, ACI, AWS-CWI, ICC, DSA	Mr. Jonathan Urmeneta, ACI
Mr. Johnkin Eliyeh-Ordshahi, AWS-CWI	Mr. Peter Manchester, ACI, Caltrans

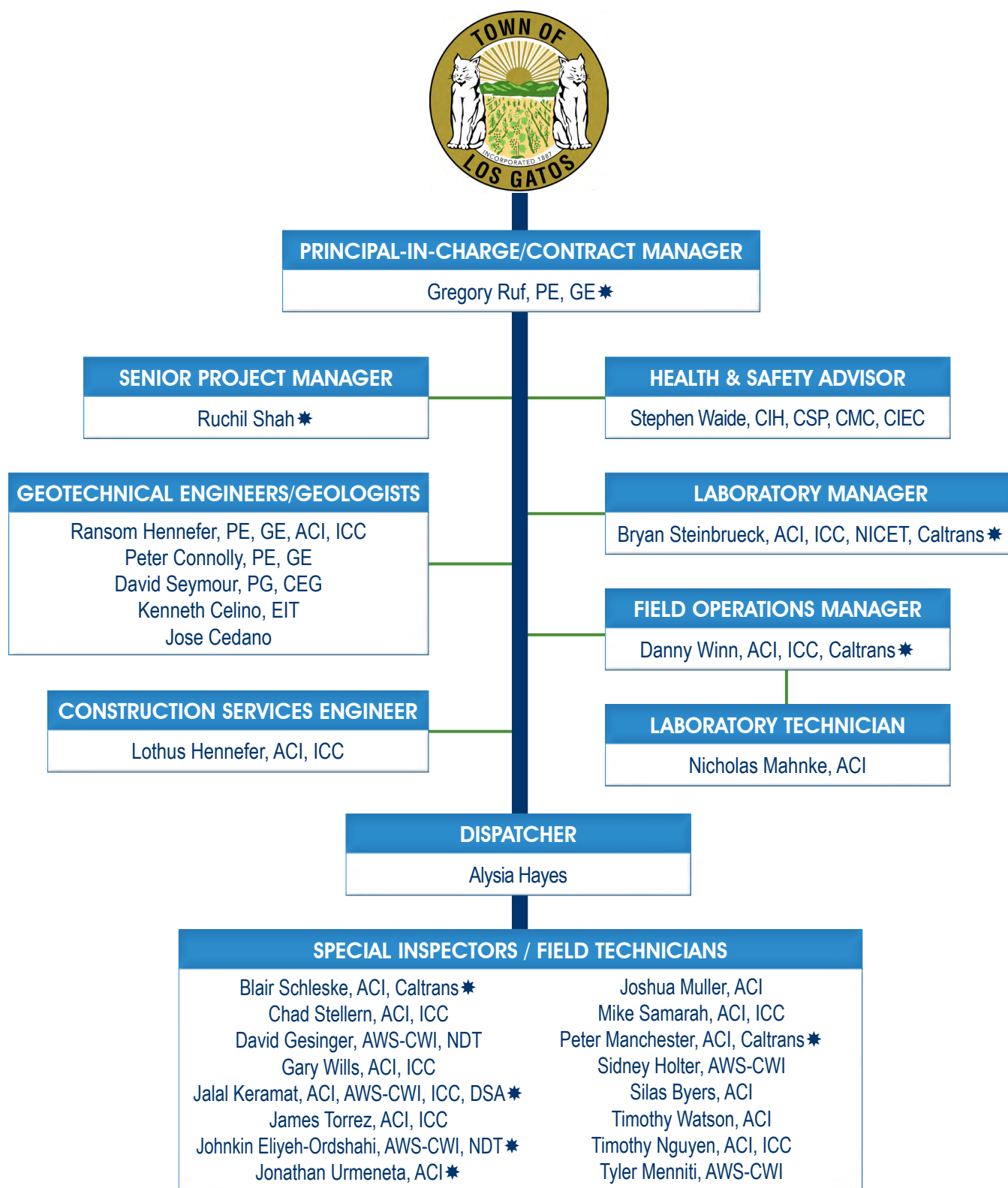
Their duties will include:

- ☑ Observe grading operations and perform soil sampling and compaction testing;
- ☑ Observe placement and perform sampling and compaction testing of asphalt concrete;
- ☑ Observe concrete placement when required;
- ☑ Test concrete and obtain samples as required;
- ☑ Perform other testing and inspections as directed by the Town; and
- ☑ Prepare electronic daily reports on-site and maintain one copy in the field file at the Town's field office.

Qualifications of Key Personnel

ORGANIZATION CHART

Provided below is an Organization Chart identifying Ninyo & Moore's proposed team for this contract. **Full resumes of key personnel noted with asterisk are provided after this organization chart.**



* Key personnel; resumes provided on the following pages

Qualifications of Key Personnel

Gregory J. Ruf, PE, GE

Principal-In-Charge/Contract Manager



EDUCATION

B.S., Civil Engineering, 1979, San Jose State University, San Jose, California

REGISTRATIONS/ CERTIFICATIONS

PE 35389 (California)

GE 2940 (California)

ACI Concrete Field Testing Technician
Grade I

ACI Concrete Strength Testing Technician

PROFESSIONAL AFFILIATIONS

Construction Management Association
of America

As a Principal Engineer/Director of Construction Services for Ninyo & Moore, Mr. Ruf has 40 years of experience in the construction inspection and materials testing industry. The foundation of Mr. Ruf's approach to providing construction services is based on his many years of experience working in construction materials testing laboratories and on project sites as an inspector, materials tester and engineer. His extensive experience in the field of construction services also includes development and supervision of special inspection field staff, as well as management of laboratory departments subject to review and approval of numerous agencies including Caltrans, AASHTO, the California Department of General Services, California Division of the State Architect (DSA), State of California Office of Statewide Health Planning and Development (OSHPD), Army Corp of Engineers, and local City and County Building Officials. In addition to his experience in construction inspection and testing, Mr. Ruf has been actively involved in providing geotechnical engineering services during both the design- and construction-related phases of a wide variety of public and private-sector projects over the past 35 years.

EXPERIENCE

City of San Jose, Master Agreement for Special Inspections and Material Testing Services, San Jose, California: Project Manager for on-call services contract with discrete projects authorized under task orders. Each assignment required development of a scope of inspection and materials testing services, a staffing plan and budget. Projects serviced included, but were not limited to: two fire stations, three libraries and a recycling center inclusive of both on-site and off-site construction. Mr. Ruf's responsibilities included assignment and direct supervision of qualified special inspectors and materials testers, oversight of laboratory testing, review of daily field test reports and production of summary reports, and review of laboratory testing assignments and completed test reports. His engineering responsibilities included review of materials submittals for aggregates, portland cement concrete and welding procedure specifications and his project management responsibilities include summary report production, review of invoicing and budget review.

Stanford University, Middle Plaza Mixed Use Project, Menlo Park, California: Principal-In-Charge during construction inspection and materials testing services for a mixed-use project which includes 215 rental housing units, a state-of-the art fitness center, swimming pool and spa, 145,000 square feet of three commercial offices, 10,000 square feet of retail space, and a half-acre publicly-accessible plaza, all over the underground parking. Ninyo & Moore successfully performed inspection and testing for reinforcing steel, structural concrete and shotcrete, structural steel welding, post installed and seismic anchors including pull and torque testing, high strength bolting, fireproofing inspections and testing including density and thickness testing and intumescent paint inspection. Our welding inspectors from other offices provided out-of-state fabrication and welding inspections, including NDT Level II inspectors for ultrasonic testing. We have been providing field and laboratory reports as a backup with every invoice, including a summary of all invoices to date. Our on-site and off-site staff communicate regularly with the project team and worked diligently to resolve any issues as they arise, as well as evaluated staffing and budget on a weekly basis.

US 101 Improvement Project, Capitol Expressway to Yerba Buena Interchange, San Jose, California: Project Manager (on behalf of Signet Testing Labs) responsible for technical oversight of the Quality Assurance testing services provided to the Santa

Qualifications of Key Personnel

Gregory J. Ruf

Principal-In-Charge/Contract Manager

Clara Valley Transportation Authority on this Caltrans Local Assistance project, which made improvements to Interchange at Capitol Expressway and ramp modifications at Yerba Buena Road. These improvements included construction of a separate Yerba Buena Road off-ramp from southbound US 101, a southbound US 101 auxiliary lane between the Capitol Expressway and Yerba Buena Road, modification of the Capitol Expressway Interchange from full cloverleaf to partial cloverleaf, extension of the fifth southbound lane from north of Capitol Expressway to south of Yerba Buena Road, and construction of a northbound slip on-ramp from northbound collector - distributor road. Mr. Ruf provided direct supervision of materials testers assigned to the project, review of daily field test reports, and review of laboratory testing assignments and completed test reports. His engineering responsibilities included review of materials submittals for aggregates, portland cement concrete and asphalt concrete and his project management responsibilities included summary report production, review of invoicing and budget review.

Caltrans District 4 North On-Call Contract 04A3706, Counties of Alameda, Contra Costa, Marin, Napa, San Francisco, San Mateo, Santa Clara, Solano and Sonoma, California: Project Manager (on behalf of Signet Testing Labs) responsible for providing qualified materials testing technicians in support of Caltrans staff in the Caltrans North Bay Materials Labs and the construction projects supported by those labs. As many as eight (8) technicians have been assigned to provide materials sampling and testing services for department projects in District 4 North. Mr. Ruf's responsibilities included technical oversight and staff training for on-call technicians providing materials sampling and testing services to Caltrans laboratory in Pleasant Hill. Responsibilities also included assisting Caltrans Lab Manager with selection of technicians from the available pool at Signet, as well as with our DBE subconsultants, provided project management assistance including review of invoicing and resource support.

I-280/I-880 Stevens Creek Improvements, San Jose, California: Project Manager (on behalf of Signet Testing Labs) responsible for technical oversight of the Quality Assurance testing services provided to the Santa Clara Valley Transportation Authority on this Caltrans Local Assistance project, which made improvements to traffic flow, safety and access between the Interstate 280 (I-280) and Interstate 880 (I-880) freeway corridors near Stevens Creek Boulevard, including modifications to the freeway-to-freeway intersection of State Route 17 (SR-17)/I-280/I-880 freeway interchange, as well as the adjacent interchanges at I-880/Stevens Creek Boulevard. These improvements included reconfiguring the existing full cloverleaf I-880/Stevens Creek Boulevard interchange by widening and realigning ramps, widening the overcrossing structure at Stevens Creek Boulevard over I-880, improving intersections and providing enhanced access for pedestrians and bicyclists, Separating freeway-to-freeway traffic from local traffic by constructing a new direct connector from northbound I-280 to northbound I-880, constructing direct off ramps to Monroe Street from Southbound I-880. Mr. Ruf provided direct supervision of materials testers assigned to the project, review of daily field test reports, and review of laboratory testing assignments and completed test reports. His engineering responsibilities included review of materials submittals for aggregates, portland cement concrete and asphalt concrete and his project management responsibilities included summary report production, review of invoicing and budget review.

State Route 238 Improvements, Hayward, California: Project Manager (on behalf of Signet Testing Labs) responsible for technical oversight of the Quality Assurance testing services provided on this Caltrans Local Assistance project, which made improvements to traffic flow, safety, access and aesthetics of State Route 238 through the heart of the City of Hayward. Construction included extensive pavement rehabilitation and reconstruction, installation of new traffic lights and lighting, sidewalks, underground utilities, and landscaping. Mr. Ruf provided direct supervision of materials testers assigned to the project, review of daily field test reports, and review of laboratory testing assignments and completed test reports. His engineering responsibilities included review of materials submittals for aggregates, portland cement concrete and asphalt concrete and his project management responsibilities included summary report production, review of invoicing and budget review.

US Highway 101 / State Route 85 Interchange Reconstruction, Mountain View, California: Project Manager for geotechnical and materials investigations, as well as the environmental hazardous materials investigation, and supervision of teams of Geotechnical Engineers and Geologists during the initial stages of the project. The project was completed in 2006 and consisted of a \$125 million reconstruction of the northern Highway 85/101 interchange in Mountain View, with the original ramps (built circa 1965) replaced and new carpool-to-carpool and other ramps added. Mr. Ruf was responsible for resource, schedule and budget management and for determining and maintaining compliance with Caltrans standards and requirements for the materials and structures investigations.

Qualifications of Key Personnel

Ruchil R. Shah

Senior Project Manager



As a Senior Project Manager for Ninyo & Moore, Mr. Shah has 13 years of experience in project management, planning, design, engineering and estimating, material testing and inspection for building construction and infrastructure development projects. These projects include public and private construction, highways, roadways and bridges, commercial, residential, universities and school districts. Mr. Shah provides project management to the Construction Services Division at Ninyo & Moore and has managed over 30 projects including universities, school modernization and renovation projects (DSA), residential and commercial projects and post tensioned parking structure projects. He has worked as a project manager on the projects providing inspection and testing for structural steel welding, concrete, reinforcing steel, post-tensioned concrete, masonry, roofing, fireproofing, soil compaction and epoxy and anchor bolts/dowel installation.

EDUCATION

M.S., Civil Engineering, 2007,
San Jose State University,
San Jose, California

B.S., Civil Engineering, 2006,
Nirma Institute of Technology (N.I.T.),
Ah-medabad, Gujarat, India

REGISTRATIONS/CERTIFICATIONS

Engineer In Training, #138505 (California)

PROFESSIONAL AFFILIATIONS

American Council of Engineering
Companies

American Public Works Association

American Society of Civil Engineers

Society of American Military Engineers

EXPERIENCE

City of Fremont, Central Park Fields 9 & 10 Project, Fremont, California: Project Manager for project involving geotechnical earthwork observation, laboratory testing, and relative compaction field testing services during earthwork operations associated with the construction of athletic fields. Field services included drill pier observation, concrete placement inspection, sampling and testing, compaction testing of native and imported material and permeability testing of permeable base rock material. Laboratory testing services included compression testing of concrete cylinders, conformance tests of permeable base material and proctor density tests of soil.

City of Santa Clara, Street Rehabilitation Project, Santa Clara, California: Designed 100,000 sf of heavy industrial, commercial and residential distressed streets with Traffic Index (TI) ranging from 4 to 12. Prepared geometric design and plans and specifications and QC procedures. Also worked as quality control project manager during construction and monitored soil and asphalt testing.

City of San Leandro, Rehabilitation of 14 Streets, San Leandro, California: Worked as a project engineer and designed 14 heavy industrial and residential streets with Traffic Index (TI) ranging from 4 to 12. Managed coring operation for soil sampling, involved in lab testing and designed base and sub-base section of the pavement. Also worked as a quality control project manager during construction and monitored soil and asphalt testing.

City and County of San Francisco, As-Needed Special Inspection and Materials Testing Contract, San Francisco, California: Project Manager for multi-year contracts to provide special inspection and materials testing services. We provided structural steel welding inspection (field and shop fabrication), torque/pull tests on epoxy dowels and high strength bolting, and testing of shear walls used as shear diaphragms, and reinforced concrete. We also performed laboratory testing on soils and aggregates, sampled and tested fresh concrete, and prepared cylindrical concrete specimens for compressive strength testing, as well as compaction testing on grading and earthwork activities for compliance with project specifications..

City of South San Francisco, Four Parks Project, South San Francisco, California: Project Manager for a geotechnical observation and testing on the Four Parks Renovation Project. The four parks included Buri Buri Park, Winston Park, Francisco Terrace Park, and Clay Park. Related improvements included construction of pavement sections for parking lots, side walk, curb & gutter, access ramps, and

Qualifications of Key Personnel

Ruchil R. Shah

Senior Project Manager

new safety play surfaces. Geotechnical Observation and testing services consisted of qualification review of aggregate base to check for compliance with project specifications; and compaction testing of subgrade, aggregate base, and asphalt concrete. After project completion, Ninyo & Moore prepared the final report presenting the result on our field and laboratory testing services.

City of Richmond Fire Station Number 68, Richmond, California: Project Manager provided construction materials testing services to the City of Richmond for the Fire Station Number 68 remodel project which consisted of remodeling the existing rest rooms at the station. Services provided included reinforcing steel placement inspection, concrete placement inspection, concrete sampling, adhesive anchor placement inspection, plywood nailing inspection, and concrete laboratory compression testing.

City of Richmond Booker T. Anderson Park Beam Replacement, Richmond, California: Ninyo & Moore provided construction materials testing services to the City of Richmond for the beam replacement project at Booker T. Anderson Park in Richmond. Services provided were structural steel welding inspection and load testing of anchor bolts.

BART Extension to Berryessa, San Jose, California: Project Manager during materials testing and inspection services for construction of a new BART extension from Fremont to Berryessa in San Jose, California, with two stations and parking garages. Ninyo & Moore provided geotechnical earthwork observation, laboratory testing, and field compaction testing services during earthwork operations associated with railway tracks, ballast and subballast conformance testing in the laboratory, placement of utility trench backfill, preparation of pavement subgrade, and pavement section construction, sampling of concrete and testing them in the laboratory for compression testing, structural steel welding inspection and vibration and noise monitoring during pile driving operations.

Stanford University, Middle Plaza Mixed Use Project, Menlo Park, California: Project Manager during construction inspection and materials testing services for a mixed-use project which includes 215 rental housing units, a state-of-the art fitness center, swimming pool and spa, 145,000 square feet of three commercial offices, 10,000 square feet of retail space, and a half-acre publicly-accessible plaza, all over the underground parking. Ninyo & Moore successfully performed inspection and testing for reinforcing steel, structural concrete and shotcrete, structural steel welding, post installed and seismic anchors including pull and torque testing, high strength bolting, fireproofing inspections and testing including density and thickness testing and intumescent paint inspection. Our welding inspectors from other offices provided out-of-state fabrication and welding inspections, including NDT Level II inspectors for ultrasonic testing. We have been providing field and laboratory reports as a backup with every invoice, including a summary of all invoices to date. Our on-site and off-site staff communicate regularly with the project team and worked diligently to resolve any issues as they arise, as well as evaluated staffing and budget on a weekly basis.

Stanford University, Comstock Graduate Housing, Stanford, California: Project Manager for the Comstock Graduate Housing center that consists of 4 residential buildings and 1 commons building. The four-story residential housing buildings each total roughly 65,000 square feet in size and are rested on continuous footings with slabs-on-grade. These buildings will comprise of precast concrete for the walls, columns, beams, including elevated slabs and roof planks. The two-story commons building totals approximately 23,000 square feet in size and will have one level of below grade construction comprised of shotcrete walls. Oversaw multi-certified inspector on site who can cover multiple inspection and testing. This helps control budget and provide one point of contact on site. Distributed inspection and testing report on a bi-weekly basis.

Santa Clara Valley Water District, Permanente Creek Flood Protection Project, Construction Inspection Services, Los Altos/Mountain View, California: Project Manager during construction materials testing and inspection services project for the Santa Clara Valley Water District Permanente Creek Flood Protection project located in Santa Clara County. Our services also included pre-construction and post-construction condition surveys on over 50 structures located along the project alignment and vibration monitoring services during construction. The project included construction of new floodwalls and levees as well as channel widening and flood detention areas to provide natural flood protection for approximately 2,200 properties. The conditions surveys included photographs and video documentation of the structure exteriors, flatwork, and other improvements and measurements of existing cracks (lengths and widths), separations, and other notable features. Construction testing and inspections included geotechnical, reinforcement steel, and concrete related services.

Qualifications of Key Personnel

Bryan Steinbrueck, ACI, ICC, NICET, Caltrans

Laboratory Manager



EDUCATION

A.S., Computer Systems Networking and Telecommunications, 2004, Brooks College, Sunnyvale, California

A.A., Liberal Arts and Sciences/Liberal Studies, 2000, De Anza College, Cupertino, California

CERTIFICATIONS

ACI Concrete Strength Testing Technician, #01047844

ICC Spray-Applied Fireproofing Special Inspector, #8408634

NICET Construction Materials Testing – Asphalt (Level II)

NICET Construction Materials Testing – Concrete (Level II)

NICET Construction Materials Testing – Soils (Level II)

Caltrans Concrete Test Methods (CT: 105, 125 AGG, 201, 202, 205, 216, 217, 226, 227, 229, 521)

Caltrans AASHTO Test Methods (T: 166, 209, 269, 275, 308)

Radiation (Nuclear Gauge) User Safety

Radiation (Nuclear Gauge) Safety Officer

As a Laboratory Manager, Mr. Steinbrueck has over 20 years of construction laboratory testing and materials testing experience and has held multiple AASHTO, CCRL, NICET, ACI laboratory certifications for over 10 years. With his many years of hands-on materials testing, he has the knowledge to efficiently and accurately complete the laboratory testing, as well as soil and aggregates testing. Projects he has provided services for, include K-12 schools, community colleges, public agencies, transportation, commercial developers and residential. He has excellent time management skills and is highly proficient in performing laboratory testing per ASTM, Caltrans, AASHTO and CBC test methods. He has a positive attitude and is able to communicate well with all levels of management.

EXPERIENCE

Town of Los Gatos, Almond Grove Phase 2, Los Gatos, California: Laboratory Manager for materials testing and inspection services project for the Almond Grove Street Reconstruction Project Phase 2 in Los Gatos, which included 10 residential streets. Project improvements consisted of increased disability access, new sidewalks, driveways and concrete paved roadways. Our services included trench backfill placement observation, moisture content testing of aggregate base, and compaction testing of trench backfill.

City of Fremont, On-Call Geotechnical Services Contract, Fremont, California: Ninyo & Moore is currently retained by the City of Fremont for this 3-year on-call Geotechnical Services contract beginning in 2018 with 2 one-year extensions through June, 2023, for which we perform geotechnical earthwork observation, laboratory testing, and relative compaction field testing services during earthwork operations associated with the construction of athletic fields. Field services include drill pier observation, concrete placement inspection, sampling and testing, compaction testing of native and imported material and permeability testing of permeable base rock material. Laboratory testing services include compression testing of concrete cylinders, conformance tests of permeable base material and proctor density tests of soil.

City of Fremont, Central Park Large Group Picnic Area, Fremont, California: Laboratory Manager during geotechnical evaluation for the City of Fremont's new large group picnic area in Central Park. Project included a new main restroom and concessions building, bocce ball and volleyball courts, outdoor seating, shade structures, picnic areas, playground structure, sidewalks, hardscape, landscaping, and other miscellaneous improvements.

City of Fremont, Central Park Fields 9 and 10, Fremont, California: Laboratory Manager during geotechnical earthwork observation, laboratory testing, and relative compaction field testing services during earthwork operations associated with the construction of athletic fields. Field services included drill pier observation, concrete placement inspection, sampling and testing, compaction testing of native and imported material and permeability testing of permeable base rock material. Laboratory testing services included compression testing of concrete cylinders, conformance tests of permeable base material and proctor density tests of soil.

City of Burlingame, Skyline Park Project, Geotechnical Evaluation and Construction Services, Burlingame, California: Laboratory Manager during geotechnical evaluation for the Skyline Park Project located on the west side of Skyline Drive just north of Rivera Drive in Burlingame. Proposed improvements consisted of a new parking lot with retaining walls. Our geotechnical evaluation included a subsurface evaluation, laboratory testing of selected soil samples, engineering analysis, and recommendations for pavement and retaining wall design and earthwork operations. Currently providing geotechnical observation and testing services during construction, including subgrade preparation, foundation observations, and testing for soil compaction.

Qualifications of Key Personnel

Danny Winn, ACI, ICC, Caltrans

Field Operations Manager



As a Field Operations Manager for Ninyo & Moore, Mr. Winn has 15 years of experience and works closely with our field technicians and special inspectors to provide reinforcing steel and concrete placement inspections, prestressed concrete placement inspections, structural steel bolting inspection and also perform earthwork observation, materials sampling, and field density testing for construction projects.

EXPERIENCE

Town of Los Gatos, Almond Grove Phase 2, Los Gatos, California: Field Technician for materials testing and inspection services project for the Almond Grove Street Reconstruction Project Phase 2 in Los Gatos, which included 10 residential streets. Project improvements consisted of increased disability access, new sidewalks, driveways and concrete paved roadways. Our services included trench backfill placement observation, moisture content testing of aggregate base, and compaction testing of trench backfill.

City of Fremont, Central Park Fields 9 and 10, Fremont, California: Field Technician for project involving geotechnical earthwork observation, laboratory testing, and relative compaction field testing services during earthwork operations associated with the construction of athletic fields. Field services included drill pier observation, concrete placement inspection, sampling and testing, compaction testing of native and imported material and permeability testing of permeable base rock material. Laboratory testing services included compression testing of concrete cylinders, conformance tests of permeable base material and proctor density tests of soil.

City of Fremont, Central Park Large Group Picnic Area, Fremont, California: Field Technician for project involving a geotechnical evaluation and materials testing and inspection for the City of Fremont's new large group picnic area. Project included a new main restroom and concessions building, bocce ball and volleyball courts, outdoor seating, shade structures, picnic areas, playground structure, sidewalks, hardscape, landscaping, and other miscellaneous improvements.

City of Redwood City, Sanitary Sewer Replacement Project, Redwood City, California: Field Technician during on-call construction materials testing services contract with the City of Redwood City. This Sanitary Sewer Replacement project consisted of excavation and backfill for sewer mains and our services included laboratory testing for soils and aggregates, and field density testing of backfill.

City of Richmond Fire Station, Richmond, California: Field Technician provided construction materials testing services to the City of Richmond for the Fire Station Number 68 remodel project which consisted of remodeling the existing rest rooms at the station. Services provided included reinforcing steel placement inspection, concrete placement inspection, concrete sampling, adhesive anchor placement inspection, plywood nailing inspection, and concrete laboratory compression testing.

Oroville Dam Emergency Spillway Recovery, Oroville, California: Field Technician for the special inspection and materials testing services of the Oroville Emergency Spillway Recovery project. During the winter rains of 2016 and 2017, the existing spillway had eroded, dangerously causing a significant hazard for the downstream residents. Ninyo and Moore was retained by Kiewit to perform Quality Control for the project. Approximately 1,000,000 cubic yards of Roller Compacted Concrete was placed along with nearly 500,000 cubic yards of structural concrete. Testing included laboratory and field sampling of the concrete, laboratory testing of the aggregates and various testing of miscellaneous structural backfill and placement of Roller Compacted Concrete.

EDUCATION

Shasta College – Coursework,
Redding, California

CERTIFICATIONS

ACI – Grade 1

ICC – Reinforced Concrete Special
Inspector

Nuclear Gauge Certification

Caltrans Concrete Test Methods
(CT: 125 AGG, 125 BIT, 125 GEN,
125 HMA, 231, 375)

Qualifications of Key Personnel

Jalal Keramat, ACI, AWS-CWI, ICC, DSA

Special Inspector



As a Special Inspector for Ninyo & Moore, Mr. Keramat has 14 years of experience and works closely with our field technicians and special inspectors to provide reinforcing steel and concrete placement inspections, prestressed concrete placement inspections, structural steel bolting inspection and also perform earthwork observation, materials sampling, and field density testing for construction projects.

EXPERIENCE

Town of Los Gatos, Almond Grove Street Reconstruction Project Phase 2, Los Gatos, California: Special Inspector during materials testing and inspection services for project which included improvements consisting of increased disability access, new sidewalks, driveways and concrete paved roadways on 10 residential streets. Our services included trench backfill placement observation, moisture content testing of aggregate base, and compaction testing of trench backfill.

Santa Clara Valley Water District, Permanente Creek Flood Protection Project, Construction Inspection Services, Los Altos/Mountain View, California: Special Inspector during construction materials testing and inspection services project for the Santa Clara Valley Water District Permanente Creek Flood Protection project located in Santa Clara County. Our services also included pre-construction and post-construction condition surveys on over 50 structures located along the project alignment and vibration monitoring services during construction. The project included construction of new floodwalls and levees as well as channel widening and flood detention areas to provide natural flood protection for approximately 2,200 properties. The conditions surveys included photographs and video documentation of the structure exteriors, flatwork, and other improvements and measurements of existing cracks (lengths and widths), separations, and other notable features. Construction testing and inspections included geotechnical, reinforcement steel, and concrete related services.

City of South San Francisco, Four Parks Project, South San Francisco, California: Special Inspector for a geotechnical observation and testing on the Four Parks Renovation Project. The four parks included Buri Buri Park, Winston Park, Francisco Terrace Park, and Clay Park. Related improvements included construction of pavement sections for parking lots, side walk, curb & gutter, access ramps, and new safety play surfaces. Geotechnical Observation and testing services consisted of qualification review of aggregate base to check for compliance with project specifications; and compaction testing of subgrade, aggregate base, and asphalt concrete. After project completion, Ninyo & Moore prepared the final report presenting the result on our field and laboratory testing services.

Stanford University, Middle Plaza Mixed Use Project, Menlo Park, California: Special Inspector during construction inspection and materials testing services for a mixed-use project which includes 215 rental housing units, a state-of-the art fitness center, swimming pool and spa, 145,000 square feet of three commercial offices, 10,000 square feet of retail space, and a half-acre publicly-accessible plaza, all over the underground parking. Ninyo & Moore successfully performed inspection and testing for reinforcing steel, structural concrete and shotcrete, structural steel welding, post installed and seismic anchors including pull and torque testing, high strength bolting, fireproofing inspections and testing including density and thickness testing and intumescent paint inspection. Our welding inspectors from other offices provided out-of-state fabrication and welding inspections, including NDT Level II inspectors for ultrasonic testing. We have been providing field and laboratory reports as a backup with every invoice, including a summary of all invoices to date. Our on-site and off-site staff communicate regularly with the project team and worked diligently to resolve any issues as they arise, as well as evaluated staffing and budget on a weekly basis.

EDUCATION

B.S., Civil Engineering, 2004,
Azad University, Ghaemshahr, Iran

REGISTRATIONS/CERTIFICATIONS

Engineer-In-Training, EIT #152132

ACI Concrete Field Testing Technician
Grade I

ACI Concrete Strength Testing Technician

ACI Aggregate Testing Technician
Level I

ACI Concrete Laboratory Testing
Technician Level I

AWS Certified Welding Inspector (CWI)
#20024911

ICC Master of Special Inspection,
#8255109

ICC Prestressed Concrete Special
Inspector, #8255109

ICC Reinforced Concrete Special
Inspector, #8255109

ICC Spray-Applied Fireproofing
Special Inspector, #8255109

ICC Structural Masonry Special
Inspector, #8255109

ICC Structural Steel & Bolting
Special Inspector, #8255109

ICC Structural Welding Special
Inspector, #8255109

DSA Masonry Special Inspector, #6074

DSA Shotcrete Special Inspector, #6055

Radiation (Nuclear Gauge) User Safety

OSHA 10 Hour Certification Hazard
Recognition Training

Qualifications of Key Personnel

Johnkin Eliyeh-Ordshahi, AWS-CWI

NDT Level II Special Inspector



EDUCATION

B.S., Materials Engineering–Metallurgy,
2008, Tehran, Iran

REGISTRATIONS/CERTIFICATIONS

AWS Certified Welding Inspector (CWI)
#18010821

ASNT Magnetic Particle Testing Level II

ASNT Ultrasonic Testing Level II

ASNT Liquid Penetrant Testing Level II

As a Special Inspector for Ninyo & Moore, Mr. Eliyeh-Ordshahi performs on a multitude of projects. He holds an AWS certification and performs inspections of the project elements including concrete, steel, high-strength bolts, masonry, shotcrete, fireproofing, and welding both in the fabrication shop and at the site. His project experience includes schools, universities, airports, municipal structures, bridges, roadways, pipelines, pump stations and commercial and retail buildings.

EXPERIENCE

City and County of San Francisco, On-Call Special Inspection and Testing Contract, San Francisco, California: Special Inspector during On-Call contract for various Capital Improvement projects. Work involved on-site inspections for reinforcing steel and structural concrete placement, concrete batch plant inspections, sampling and testing concrete cylinders, epoxy dowel and post installed anchors installation including pull testing and torque testing, high strength bolts placement inspection, sampling and testing and fireproofing inspections. Ms. Watkins worked diligently with City inspector and contractors to solve any non-conformances immediately and distributed inspection reports electronically to the project team on a daily basis.

Stanford University, 3181 Porter Drive Redevelopment, Stanford, California: Special Inspector responsible for providing materials testing services which included reinforcing steel inspection, concrete placement inspection and concrete sampling including testing and inspection of two approximately 5,000 cubic yard mat foundation concrete pours. Additional construction services included non-shrink grout placement and sampling, post-installed anchor installation inspection, high strength bolting inspection, non-destructive testing, and structural steel welding inspection onsite and in fabrication shops in California, Nevada, and Idaho.

Stanford University, Bass Biology Building, Stanford, California: Special Inspector during materials testing and special inspection services for two Stanford University projects. The Stanford Bass Biology Building project consisted of a four-story, above-grade research facility with a one level basement. The facility includes research laboratories, offices, administrative spaces, and meeting spaces. Adjacent to the Bass Biology Building is the Stanford Regional Loading Dock project which consists of a below-grade dock that will centralize delivery services and minimize travel distances to the Old Chemistry, Gilbert, Herrin and Bass Biology buildings. The basement level dock will be enclosed by a concrete roof structure at the surface level above.

Stanford University, Chem-H & SNI Building, Stanford, California: Special Inspector provided structural steel welding inspection in the shop and field. Chem-H & SNI Building project included construction of a 230,000 square foot, three story laboratory building with basement. It included a structural retaining wall designed to support the partial demolition of an existing ice storage tank on the northwest side of the project site as well as a below-grade tunnel that connected the existing Clark/RAF/Fairchild tunnel to the new Chem-H & SNI building. Services included project management, reinforcing steel inspection, concrete sampling and testing, non-shrink grout placement inspection, shotcrete sampling and testing, masonry inspection, ultrasonic testing for steel welding and shop and field welding inspections.

Stanford University, Center of Academic Medicine (CAM) Building, Stanford, California: Special Inspector for the structural steel welding and non-destructive testing, including ultrasonic and magnetic particle testing in the shop and field. Project consists of a four story, 170,000 square foot, office and administration building with four above-grade floors and a three-story underground parking structure below the building. Prepare and maintain a list of structural steel elements being inspected and in conformance along with a list of non conformances items and brings them to project team's attention.

Qualifications of Key Personnel

Blair R. Schleske, ACI, Caltrans

Field Technician



EDUCATION

B.A., Environmental Studies, 2013,
California State University East Bay,
Hayward, California

CERTIFICATIONS

ACI Concrete Field Testing Technician
Grade I, #01400982

Caltrans Concrete Test Methods
(CT: 231, 375, 504, 518, 539, 540, 543,
556, 557)

As a Field Technician for Ninyo & Moore, Mr. Schleske has 5 years of experience performing materials testing in a wide variety of construction projects including concrete and reinforcing steel, and geotechnical observation and testing. His experience involves projects that have included parking garages, data centers, large-scale commercial retail development, highway/roadway, hotels, infrastructure, school districts and wastewater treatment plants.

EXPERIENCE

Town of Los Gatos, Almond Grove Phase 2, Los Gatos, California: Field Technician for materials testing and inspection services project for the Almond Grove Street Reconstruction Project Phase 2 in Los Gatos, which included 10 residential streets. Project improvements consisted of increased disability access, new sidewalks, driveways and concrete paved roadways. Our services included trench backfill placement observation, moisture content testing of aggregate base, and compaction testing of trench backfill.

BART Extension to Berryessa, San Jose, California: Field Technician during materials testing and inspection services for construction of a new BART extension from Fremont to Berryessa in San Jose, California, with two stations and parking garages. Ninyo & Moore provided geotechnical earthwork observation, laboratory testing, and field compaction testing services during earthwork operations associated with railway tracks, ballast and subballast conformance testing in the laboratory, placement of utility trench backfill, preparation of pavement subgrade, and pavement section construction, sampling of concrete and testing them in the laboratory for compression testing, structural steel welding inspection and vibration and noise monitoring during pile driving operations.

City of South San Francisco Four Parks Project, South San Francisco, California: Field Technician for geotechnical observation and testing on the Four Parks Renovation Project. The four parks included Buri Buri Park, Winston Park, Francisco Terrace Park, and Clay Park. Related improvements included construction of pavement sections for parking lots, side walk, curb & gutter, access ramps, and new safety play surfaces. Geotechnical Observation and testing services consisted of qualification review of aggregate base to check for compliance with project specifications; and compaction testing of subgrade, aggregate base, and asphalt concrete. After project completion, Ninyo & Moore prepared the final report presenting the result on our field and laboratory testing services.

City of Cupertino, Cupertino, California: Field Technician for compaction testing under pavements and building pads, and observation of trench backfill for utility lines for McClellan Ranch in Cupertino, California.

City of Redwood City, Redwood City, California: Field Technician for construction materials testing services to the City of Redwood City for the Sanitary Sewer Replacement project which consisted of excavation and backfill for sewer mains. Services provided included laboratory testing for soils and aggregates, and field density testing of backfill material.

Stanford Old Chemistry Building, Stanford, California: Field Technician for pull testing and concrete sampling and testing for the Stanford Old Chemistry Building.

Stanford Hepl South End Station, Stanford, California: Field Technician performed concrete sampling and testing including slump test and casting of cylinders for laboratory compression testing.

Qualifications of Key Personnel

Jonathan F. Urmeneta, ACI

Field Technician



CERTIFICATIONS

ACI Concrete Field Testing Technician
Grade I

Radiation (Nuclear Gauge) User Safety
(Cert #18401)

As a Field Technician for Ninyo & Moore, Mr. Urmeneta has 2 years of experience providing quality control and quality assurance testing of soils, aggregates, asphalt and concrete materials in accordance with applicable ASTM, AASHTO, and ACI standards. He maintains current field and laboratory testing certifications from ACI as well as his nuclear gauge certification.

EXPERIENCE

City of Fremont, Central Park Large Group Picnic Area, Fremont, California:

Field Technician for project involving a geotechnical evaluation and materials testing and inspection for the City of Fremont's new large group picnic area. Project included a new main restroom and concessions building, bocce ball and volleyball courts, outdoor seating, shade structures, picnic areas, playground structure, sidewalks, hardscape, landscaping, and other miscellaneous improvements.

San Jose State University, South Campus Golf Complex, San Jose, California:

The project included the construction of a golf driving range, parking areas, and tall netting around a portion of the perimeter of the golf driving range with support post heights of up to 160 feet. Services provided included field technician geotechnical observations and compaction testing.

San Jose State University, Recreation & Aquatic Center, San Jose, California:

Field Technician for the construction of the 75,000 square foot recreation and aquatic center. The project included auger cast drilled displacement piles to mitigate the potential for foundation settlement. Services provided included field technician geotechnical observations and compaction testing.

City Center Bishop Ranch, San Ramon, California: Field Technician for the construction of a 300,000 square foot commercial retail shopping center being developed by Sunset Development Company. Services provided included field technician geotechnical observations and compaction testing.

Merlone, The Village at San Antonio Center, Mountain View, California: Field Technician performing concrete sampling and testing including slump test and casting of cylinders for laboratory compression testing. The project included the construction of six buildings.

Stanford University, Chem-H & SNI Building, Stanford, California: Field Technician for project which consisted of construction of a 230,000 square foot, three story laboratory building with basement. It included a structural retaining wall designed to support the partial demolition of an existing ice storage tank on the northwest side of the project site as well as a below-grade tunnel that connected the existing Clark/RAF/Fairchild tunnel to the new Chem-H & SNI building. Ninyo & Moore's services provided consisted of project management, reinforcing steel inspection, concrete sampling and testing, non-shrink grout placement inspection, shotcrete sampling and testing, masonry inspection, ultrasonic testing for steel welding and shop and field welding inspections.

Stanford University, 3181 Porter Drive Redevelopment, Stanford, California:

Field Technician responsible for providing materials testing services which included reinforcing steel inspection, concrete placement inspection and concrete sampling including testing and inspection of two approximately 5,000 cubic yard mat foundation concrete pours. Additional construction services included non-shrink grout placement and sampling, post-installed anchor installation inspection, high strength bolting inspection, non-destructive testing, and structural steel welding inspection onsite and in fabrication shops in California, Nevada, and Idaho.

Qualifications of Key Personnel

Peter Manchester, ACI, Caltrans

Field Technician



CERTIFICATIONS

ACI Concrete Field Testing Technician
Grade I, #01536810

Caltrans Concrete Test Methods
(CT: 125 AGG, 125 BIT, 125 GEN,
125 HMA, 231, 375)

Certified Pervious Concrete Technician,
#PCC062947

Radiation (Nuclear Gauge) User
Safety, #18538

As a Field Technician for Ninyo & Moore, Mr. Manchester is experienced in performing Concrete Testing, Soil/HMA Density Inspection and Geotechnical Observation in a wide variety of construction projects. He holds an ACI concrete testing certification and his experience includes universities, schools, airports, municipal structures, roadways, commercial and retail buildings.

EXPERIENCE

Town of Los Gatos, Almond Grove Street Reconstruction Project Phase 2, Los Gatos, California: Field Technician during materials testing and inspection services for project which included improvements consisting of increased disability access, new sidewalks, driveways and concrete paved roadways on 10 residential streets. Our services included trench backfill placement observation, moisture content testing of aggregate base, and compaction testing of trench backfill.

City of Fremont, Central Park Fields 9 and 10 Project, Fremont, California: Field and Laboratory Assistant responsible for providing materials testing services for the Central Park Fields 9 and 10 project located in Fremont, California. The project consisted of installation of synthetic turf for the sports field, drilled pier foundations for the sports lightning and concrete paving.

City of Fremont, Central Park Large Group Picnic Area, Fremont, California: Field Technician for project involving a geotechnical evaluation and materials testing and inspection for the City of Fremont's new large group picnic area. Project included a new main restroom and concessions building, bocce ball and volleyball courts, outdoor seating, shade structures, picnic areas, playground structure, sidewalks, hardscape, landscaping, and other miscellaneous improvements.

City of Millbrae, Hillcrest Boulevard Storm Drain Improvements, Millbrae, California: Field Technician during geotechnical observation and materials testing services for the Hillcrest Boulevard Storm Drain Improvements project. The project consisted of installing approximately 950 Linear Feet of the storm drain system along Ashton Avenue and Hillcrest Boulevard. Our services included trench backfill placement observation, moisture content testing of aggregate base, and compaction testing of trench backfill and asphalt concrete.

City of Cupertino, Cupertino, California: Field Technician for compaction testing under pavements and building pads, and observation of trench backfill for utility lines for McClellan Ranch in Cupertino, California.

City of Albany, Sewer Rehabilitation Project, Albany, California: Field Technician during geotechnical observation and compaction testing services on the rehabilitation of the city sewer lines along Washington Avenue, Gateview Avenue, Pierce Street, Solano Avenue, Hillside Avenue, Fillmore Street, and Taylor Street. These services consisted of earthwork observation, soil testing of subgrade and aggregate base for specified density and moisture content, laboratory testing of soils for maximum density, and preparation of final reports for field and laboratory testing services. Ninyo & Moore worked with the city's project manager to review project submittals, monitor construction activities, and coordinate field inspections.

Sub-Consultants

Sub-Consultants

Typically, the proposed scope of materials testing services is tailored to the project needs. Ninyo & Moore's considerable experience in both design and construction allows our staff of engineers, geologists, and materials technicians to react quickly to changing conditions so that potential construction down time is reduced or eliminated. Due to the size of Ninyo & Moore, we do not intend to utilize subcontractors for this contract. Therefore, 100% of the work performed on this contract will be provided by our firm, a California company with 35 years of expertise and experience with local laws, ordinances, regulations, policies, requirements, and permitting.

AnchorCM is included as a subconsultant to provide construction management and staffing assistance to the Town of Los Gatos. Company information and scope of services are provided below.

Company Name: AnchorCM

Address: 3685 Mt. Diablo Blvd, Suite 345, Lafayette, California 94549

Contact info: Chris Coles, PE, CCM, President, 925.385.0950 ccoles@anchorcm.com

DIR No.: 1000015352

Tax ID No.: 72-1549923

AnchorCM was founded in 2003 as Anchor Engineering, Inc. Our specialty is construction and project management and staff augmentation services for public infrastructure projects and programs throughout California. We support a broad and diverse array of planning and preconstruction, construction management and administration, and closeout/claims mitigation oversight and support. From specialized services such as scheduling and estimating for major programs to resident engineering of individual projects, AnchorCM can meet your needs for successful project delivery.

We are driven by the desire to provide exemplary service to our clients, while providing a professional work environment for our staff. By attracting the best and brightest to our firm, your projects get the attention they need. AnchorCM is a California Disabled Veteran Business Enterprise (DVBE) and Small Business Enterprise (SBE), as well as a Federal Government Service Disabled Veteran Owned Small Business (SDVOSB).

Scope of Services:

AnchorCM scope for Town of Los Gatos Parks and Public Works Department is to be provided as a subconsultant to Ninyo & Moore under an on-call contract. The initial scope is understood to be providing assistance to the CM/inspector and project manager as they procure and execute a federally funded guardrail project City right of way. Scope of work tentatively to be:

- Review E-76, design and bid documents, and procurement process for compliance with OLA and federal requirements. Provide feedback and/or staff work as needed.
- Help establish contract administration, quality assurance, and reporting practices in keeping with LAPM and other pertinent requirements.
- Assist as needed to close out and respond to Caltrans' or other inquiries regarding compliance with grant and administrative stipulations.

More general scope could in future include providing construction project management and inspection for other projects as directed.

References

References

ATTACHMENT 4 - REFERENCES

THIS FORM MUST BE PRINTED OUT, COMPLETED AND SUBMITTED WITH THE STATEMENT OF QUALIFICATION (SOQ)

ON-CALL MATERIALS TESTING AND SPECIAL INSPECTION SERVICES

List three (3) references for work of a similar nature to the Services performed within the last five (5) years. Use additional sheets as necessary.

- Swinerton** *(on behalf of the City of South San Francisco)*

Name of Agency	Address
Mr. S. Peter Vorametsanti	Sr. Construction Manager
Contact Name	Contact Title
650.740.7368	peterv@swinerton.com
Contact Telephone	Contact Email Address
2016 – Ongoing	\$450,000+
Contract Period	Contract Amount

Deep and Shallow Foundation Observation, Soil Compaction Testing for Footings, Trench Backfill and Hot mix Asphalt Pavement, Materials Testing and Special Inspections for Concrete, Reinforcing Steel, Masonry, Post Installed Anchors, Structural Steel, Non Destructive Testing and Fireproofing.

Description of services performed including project cost estimates and actual costs.

- Gibane** *(on behalf of the City of Cupertino)*

Name of Agency	Address
Mr. Glenn Rock	Senior Project Manager
Contact Name	Contact Title
408.609.0424	grock@gilbaneco.com
Contact Telephone	Contact Email Address
2014 – Ongoing	\$300,000+
Contract Period	Contract Amount

Foundation Observation, Soil Compaction Testing for Footings, Trench Backfill and Pavement, Materials Testing and Special Inspections for Concrete, Reinforcing Steel, Masonry, Post Installed Anchors, Structural Steel and Fiber Reinforced Polymer (FRP).

Description of services performed including project cost estimates and actual costs.

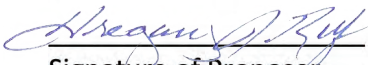
- City and County of San Francisco**

Name of Agency	Address
Ms. Olivia Lee	49 So. Van Ness Ave., #700, San Francisco, CA 94103
Contact Name	Contact Title
415.816.3684	olivia.lee@sfdpw.org
Contact Telephone	Contact Email Address

References

<u>2006 – Ongoing</u>	<u>\$1,000,000</u>
Contract Period	Contract Amount
Materials Testing and Special Inspections for Hot Mix Asphalt, Concrete, Reinforcing Steel, Masonry, Post Installed Anchors, Structural Steel, Non Destructive Testing and Shearwall Nailing, Floor Diaphragms and Holdowns.	
Description of services performed including project cost estimates and actual costs.	

I hereby certify that the Proposer performed the work listed above.


Signature of Proposer

Gregory J. Ruf, PE, GE
Name

January 14, 2021
Date

Insurance Coverage

Insurance Coverage

As a requirement of the Town's RFQ, provided below is a specimen copy of our Certificate of Insurance for reference of our carriers, and types and limits of insurance carried by our firm.



CERTIFICATE OF LIABILITY INSURANCE

DATE (MM/DD/YYYY)
9/26/2020

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must have ADDITIONAL INSURED provisions or be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER Dealey, Renton & Associates P. O. Box 12675 Oakland CA 94604-2675		CONTACT NAME: PHONE (A/C, No, Ext): 510-465-3090 FAX (A/C, No): 510-452-2193 E-MAIL ADDRESS: certificates@dealeyrenton.com	
INSURED Ninyo & Moore Geotechnical & Environmental Sciences Consultants 2149 O'Toole Avenue, Suite 30 San Jose CA 95131		INSURER(S) AFFORDING COVERAGE NAIC #	
License#: 0020739 NINY&MO-01		INSURER A: Travelers Property Casualty Company of America 25674 INSURER B: Evanston Insurance Company 35378 INSURER C: Travelers Casualty and Surety Co of America 31194 INSURER D: INSURER E: INSURER F:	

COVERAGES

CERTIFICATE NUMBER: 653216273

REVISION NUMBER:

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
A	☒ COMMERCIAL GENERAL LIABILITY ☐ CLAIMS-MADE ☒ OCCUR ☒ Contractual Liab ☒ OCP GEN'L AGGREGATE LIMIT APPLIES PER: ☐ POLICY ☒ PROJECT ☐ LOC OTHER:	Y	Y	6308986R247	10/3/2020	10/3/2021	EACH OCCURRENCE \$ 1,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 10,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 2,000,000 PRODUCTS - COMP/OP AGG \$ 2,000,000 \$
A	☒ AUTOMOBILE LIABILITY ☒ ANY AUTO ☐ OWNED AUTOS ONLY ☒ HIRED AUTOS ONLY ☐ SCHEDULED AUTOS ☒ NON-OWNED AUTOS ONLY	Y	Y	8107N033091	10/3/2020	10/3/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 1,000,000 BODILY INJURY (Per person) \$ BODILY INJURY (Per accident) \$ PROPERTY DAMAGE (Per accident) \$ \$
A	☒ UMBRELLA LIAB ☒ OCCUR ☐ EXCESS LIAB ☐ CLAIMS-MADE DED RETENTION \$	Y	Y	CUP9J428527	10/3/2020	10/3/2021	EACH OCCURRENCE \$ 9,000,000 AGGREGATE \$ 9,000,000 \$
C	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	UB6P428399	5/1/2020	5/1/2021	☒ PER STATUTE ☐ OTH-ER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
B	Professional Liab. & Contractor's Pollution Liab. Computer Network Security	Y		MKL7PL0004134	4/3/2020	5/1/2021	Per Claim 5,000,000 Annual Aggregate 5,000,000

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)
 Umbrella Liability policy is a follow-form to underlying General Liability/Auto Liability/Employers Liability.

CERTIFICATE HOLDER

CANCELLATION 30 Day Notice of Cancellation

SPECIMEN CERTIFICATE

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.

AUTHORIZED REPRESENTATIVE

© 1988-2015 ACORD CORPORATION. All rights reserved.

ACORD 25 (2016/03)

The ACORD name and logo are registered marks of ACORD

Preliminary Fee Schedules

Schedule of Fees

Hourly Charges for Personnel

Professional Staff

Principal Engineer/Geologist/Environmental Scientist/Certified Industrial Hygienist	\$ 188
Senior Engineer/Geologist/Environmental Scientist	\$ 178
Senior Project Engineer/Geologist/Environmental Scientist	\$ 173
Project Engineer/Geologist/Environmental Scientist	\$ 165
Senior Staff Engineer/Geologist/Environmental Scientist	\$ 150
Staff Engineer/Geologist/Environmental Scientist	\$ 134
GIS Analyst	\$ 123
Technical Illustrator/CAD Operator	\$ 98

Field Staff

Certified Asbestos/Lead Technician	\$ 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	\$ 81
Data Processor	\$ 71

Other Charges

Concrete Coring Equipment (includes technician)	\$ 190/hr
Anchor Load Test Equipment (includes technician)	\$ 190/hr
GPR Equipment	\$ 180/hr
Inclinometer	\$ 100/hr
Hand Auger Equipment	\$ 80/hr
Rebar Locator (Pachometer)	\$ 25/hr
Vapor Emission Kit	\$ 65/kit
Nuclear Density Gauge	\$ 12/hr
X-Ray Fluorescence	\$ 70/hr
PID/FID	\$ 25/hr
Air Sampling Pump	\$ 10/hr
Field Vehicle	\$ 15/hr
Expert Witness Testimony	\$ 450/hr
Direct Expenses	Cost plus 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 the first 8 hours on Saturday. Rates at twice the regular rates will be charged for all work in excess of 12 hours Monday through Friday, in excess of 8 hours on Saturday, all day Sunday and on holidays. Field technician and special inspection hours for day shift work are charged at a 4-hour minimum, and 8-hour minimum for hours exceeding 4 hours, and 1/2-hour increments thereafter. Field technician and special inspection hours for shift work (starting at or after 2 PM or before 4 AM) are charged at an 8-hour minimum. Field services are billed on a portal-to-portal basis from our base of operations. Cancellations made after 4 PM on the prior business day are subject to a 4-hour charge.

Our rates will be adjusted proportionally in conjunction with any increase in the Prevailing Wage Determination during the life of the project, as applicable. Prevailing wage adjustments are made July 1 annually. For non-prevailing wage projects our rates are subject to a cost-of-living adjustment based on the consumer price index (CPI-W) annually on a calendar year basis.

Preliminary Fee Schedule

Schedule of Fees for Laboratory Testing

SOILS

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	\$ 2,000
Restrained Expansion of Shrinkage Compensation	\$ 450
Splitting Tensile Strength, C 496	\$ 100
3x6 Grout, (CLSM), C 39	\$ 55
2x2x2 Non-Shrink Grout, C 109	\$ 55

ASPHALT

Air Voids, T 269	\$ 85
Asphalt Mix Design, Caltrans (incl. Aggregate Quality)	\$ 4,500
Asphalt Mix Design Review, Job Spec	\$ 180
Dust Proportioning, CT LP-4	\$ 85
Extraction, % Asphalt, including Gradation, D 2172, CT 382	\$ 250
Extraction, % Asphalt without Gradation, D 2172, CT 382	\$ 150
Film Stripping, CT 302	\$ 120
Hveem Stability and Unit Weight D 1560, T 246, CT 366	\$ 225
Marshall Stability, Flow and Unit Weight, T 245	\$ 240
Maximum Theoretical Unit Weight, D 2041, CT 309	\$ 150
Moisture Content, CT 370	\$ 95
Moisture Susceptibility and Tensile Stress Ratio, T 238, CT 371	\$ 1,000
Slurry Wet Track Abrasion, D 3910	\$ 150
Superpave, Asphalt Mix Verification (incl. Aggregate Quality)	\$ 4,900
Superpave, Gyration Unit Wt., T 312	\$ 100
Superpave, Hamburg Wheel, 20,000 passes, T 324	\$ 1,000
Unit Weight sample or core, D 2726, CT 308	\$ 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
Cleaness 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	\$ 1,250
Potential Alkali Reactivity, Mortar Bar Method, Fine, C 1260	\$ 950
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	\$ 450
Specific Gravity and Absorption, Coarse, C 127, CT 206	\$ 115
Specific Gravity and Absorption, Fine, C 128, CT 207	\$ 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.

AnchorCM

2021 Fee Schedule



Principal

Forensic Engineer/Expert Witness	\$	357.00
Principal Consultant	\$	326.00
Principal-in-Charge	\$	272.00

Engineer/Manager

Project Principal Engineer/CM	\$	239.00
Senior Engineer/CM	\$	217.00
Associate Engineer/CM	\$	191.00
Staff Engineer/CM Level 4 (PE or equivalent)	\$	175.00
Staff Engineer/CM Level 3 (PE or equivalent)	\$	162.00
Staff Engineer/CM Level 2 (EIT or equivalent)	\$	137.00
Staff Engineer/Deputy CM Level 1	\$	113.00
Junior Engineer/Assistant CM	\$	110.00

Engineering Technician

Senior Engineering Technician	\$	156.00
Mid Engineering Technician	\$	122.00
Engineering Technician	\$	98.00

Inspector

Construction Representative / Senior Inspector	\$	161.00
Prevailing Wage Building / Construction Inspector	\$	150.00
Prevailing Wage Soils / AC Inspector	\$	150.00

Project Administrative Staff

Senior Contract Administrator	\$	156.00
Bookkeeper	\$	156.00
Contract Administrator	\$	100.00
Contract Administration Assistant	\$	74.00

Notes:

1. Field vehicles will be billed at \$1,700/month; cell phone and mobile broadband service billed at \$90/mo.
2. Other direct costs (ODCs) and subconsultant fees are billed separately at ACM cost plus 10%.
3. Four- and eight-hour minimums apply for cancellations, tasks requiring travel, and legal appearances.
4. Contract project staff will be billed at the contract rate for legal work and appearances, with yearly escalation applied.
5. Inspector rates may vary due to prevailing wage requirements and determinations of the California Department of Industrial Relations and/or the Department of Labor.



2149 O'Toole Avenue, Suite 30 | San Jose, California 95131 | p. 408.435.9000 | f. 408.435.9006

ARIZONA | CALIFORNIA | COLORADO | NEVADA | TEXAS | UTAH

ninyoandmoore.com