

May 28, 2026
Proposal No. P04-05507

City of Fontana
Purchasing Office
8353 Sierra Avenue
Fontana, California 92335

Subject: Proposal to Provide Geotechnical Observation, Materials Testing and Special Inspection Services
Fire Station No. 80 Project
City of Fontana | DE-24-195-SQ-16 (Pre-Qualified List)

Ninyo & Moore Geotechnical and Environmental Sciences Consultants (Ninyo & Moore), is pleased to submit our proposal to provide the City of Fontana (City) with geotechnical observation, materials testing and special inspection services for the Fire Station No. 80 project. We have prepared this proposal based on the City's Proposal (RFP) DE-24-195-SQ-16 posted May 8, 2026 and Q&A Set 1 released via Addendum May 19, 2026. We fully understand the type of services the City requires, and are ready to meet your needs by making available a dedicated team of professionals who have the requisite experience and resources to successfully complete the project.

PROJECT APPROACH AND SCOPE OF SERVICES

Based on our understanding of the proposed construction, and our experience with similar projects, we propose to provide the following scope of services:

- Project coordination, management and technical support including review of the project plans and specifications, work scheduling, mix design review and distribution of test data.
- Regular distribution of test data and reports to the client approved distribution list.
- Attendance at pre-construction and progress meetings and as-requested field meetings.
- Field Technician services for observation, sampling and testing during site earthwork, building pad preparation, subgrade preparation, aggregate base, trench backfill and asphalt concrete pavement placement. Field density test will be performed to evaluate the Contractor's compaction efforts.
- Special Inspector services for inspection during structural concrete construction including inspection of formwork, as well as checking reinforcing steel size, grade, spacing and clearances.
- Field ACI Technician services for observation and sampling and testing of concrete, grout and mortar including checking slump, temperature, and molding of concrete cylinders for compression testing, as needed.
- Field Technician services for observation during batching of concrete at the concrete batch plant including checking batch weights and signing each delivery ticket.
- Field Technician services for sampling, tagging, and testing of construction materials, such as masonry block, reinforcing steel and high strength bolts (HSB).
- Special Inspector services for inspection and structural steel welding and bolting, as well as non-destructive testing of welds in accordance with the project documents.
- Special Inspector services for inspection and structural masonry construction including inspection during block placement and reinforcing steel installation. Grout cells will be inspected for cleanliness prior to grout placement. Continuous inspection during grout placement and consolidation.
- Pick-up and transportation of concrete, grout, mortar, prism, and block samples for testing at our laboratory.
- Preparation of progress reports and field memoranda to document the items inspected.
- Laboratory testing including, but not limited to soils, asphalt, rebar bend/tensile testing, HSB, anchors, masonry shear cores and concrete, grout, mortar, prism compressive strength testing.

- Environmental Services (If needed), for testing and reporting for import of soils.
- Preparation of the Final Compaction Report and Inspection and Materials Report which present our opinion of the construction observed and presents a summary of the test data results.

ASSUMPTIONS

Based on the construction schedule described above and our project understanding, the following assumptions have been made in the preparation of our scope of services:

- Our services will be coordinated and scheduled as requested by our client or client's authorized representative.
- Our services are subject to prevailing wage requirements.
- Upon award of the project, the client will provide in writing the DIR Project ID for the purposes of electronic certified payroll reporting and labor compliance.

ESTIMATED FEE

We propose to provide our services on a time-and-materials basis in accordance with the attached Schedule of Fees and Schedule of Fees for Laboratory Testing. Our estimated fee is based on the hours and units (level of effort) presented in the RFP. Our Cost Proposal Sheet is uploaded as a separate document.

Ninyo & Moore appreciates the opportunity to provide services on this project, and we look forward to working with you.

Respectfully submitted,

NINYO & MOORE



Alfred "Tino" Rodriguez
Principal/Construction Services

AR/klb

Attachments: **Project Team**
 Project Experience
 Schedule of Fees
 Schedule of Fees for Laboratory Testing

PROJECT TEAM

We have carefully selected our project team to ensure that the City receives the dedicated, skilled staff with the required local experience, licenses, and communication skills that are necessary for the successful completion of the City's project.



Garreth Saiki, PE, GE *Principal Engineer*

Mr. Garreth Saiki, PE, GE, a Principal Engineer and designated Principal-in-Charge for this contract. He is responsible for the overall performance of Ninyo & Moore's services and will ensure that the project manager has full support and the resources needed to successfully staff and manage this contract with the City. Mr. Saiki has a Bachelor's Degree in Civil Engineering and a Master's Degree in Geotechnical Engineering, both from the University of California, Berkeley, as well as a Master's Degree in Business Administration from the University of California, Davis. He is a California-registered Civil and Geotechnical Engineer with more than 40 years of experience, the past 28 years at Ninyo & Moore.



Mr. Jeffrey Dalgity, Project Manager

Mr. Dalgity will serve as Project Manager, bringing over 30 years of experience providing geotechnical engineering, materials testing, and deputy inspection services for a wide range of public works projects. He offers extensive expertise in testing and inspection protocols, quality assurance, and project close-out requirements. His experience includes quality control and inspection of underground utilities, foundations, and shoring systems, including tie-back shoring and retaining wall construction. Mr. Dalgity also possesses comprehensive laboratory testing experience in concrete, soils, aggregates, and asphalt materials. In addition to his project management responsibilities, Mr. Dalgity provides technical oversight and training for both field and laboratory personnel, ensuring consistent adherence to project specifications and industry standards. He served as Project Manager for the City's Downtown Parking Structure and City Hall Renovation projects, demonstrating his ability to successfully lead complex municipal projects.



Mr. Alfredo "Tino" Rodriguez, Principal/Construction Services

Mr. Alfredo "Tino" Rodriguez is Principal/Construction Services Manager and will provide oversight of our testing and inspection services in the field. Mr. Rodriguez has more than 40 years of experience, the past 30 years at Ninyo & Moore, in providing specialty inspection, geotechnical and materials testing services, as well construction management services. He has coordinated and supervised the field services for several essential service project contracts and is very experienced with various testing and inspection procedures and project close-out requirements. He also performs quality control and inspection for underground utility, foundation and shoring construction including inspection during tie-back shoring/wall construction.



Paul Medina, Lead Special Inspector

In his role as Lead Inspector, Mr. Medina performs inspections of various project elements including concrete, prestressed concrete, post tensioned concrete, steel welding and bolting, masonry, spray-applied fireproofing, high-strength bolts, shotcrete, and fiber reinforced polymer. Mr. Medina also performs inspection at fabrication plants for structural steel and precast concrete. He obtains or prepares representative specimens of these materials to be tested in our certified laboratory. He assures that representative samples are obtained in accordance with the approved project documents and minimum frequencies. His observations and inspections are documented in detailed daily inspection report that is provided at the end of each work shift. He is also the project liaison with the governing Building Department field representatives. Mr. Medina maintains clear communication with the Project Manager, Project Architect (design professional), Contractor and Building Department regarding all aspects of the inspections and non-conformance items. At project completion, a formal Final Inspection Report is provided to the Building Official and client for final close-out of the project.



Clear, continuous communication drives successful contract management. Ninyo & Moore assigns a dedicated Project Manager as the central point of contact, ensuring alignment with project goals, coordinating document distribution and inquiries during bidding and construction, and maintaining close collaboration with all team members. Communication is streamlined through phone, text, email, SharePoint, and DropBox.

PROJECT EXPERIENCE

The following are detailed descriptions of Ninyo & Moore's relevant projects successfully completed by our staff in the last five (5) years that demonstrate our competence to perform work similar in scope and magnitude to that required for this project.

County of San Bernardino Valley Communications Center, *San Bernardino, CA*

Ninyo & Moore provided materials testing and special inspection services for the San Bernardino County Valley Communications Center project in San Bernardino, California. The design-build project includes demolition, a new 75,000-square-foot three-story facility, parking, photovoltaic canopies, a 200-foot communications tower, and site improvements. The structure features a mat foundation, base isolators, and structural steel framing. Site work includes utilities, drainage systems, pavement, fencing, and solar canopies supported by caisson foundations. Ninyo & Moore performed specialty inspections for concrete, base isolators, masonry, and structural steel, along with materials testing for concrete, steel, and masonry.



City of Rancho Cucamonga Fire Station 178, *Rancho Cucamonga, CA*

Ninyo & Moore provided geotechnical, material testing, and specialty inspection services for the Fire Station No. 178 project in Rancho Cucamonga, California. The design-build project included construction of a 12,176-SF, two-story fire station; an 824-SF storage building; a 1,577-SF reserve storage building; a trash enclosure; and related site improvements. Work involved remedial grading and over-excavation for building pad preparation. Structural systems included concrete footings and slabs, masonry walls, structural steel framing, and wood components, varying by building. Site improvements included retaining walls, utilities, storm drain, bio-retention basins, paving, and landscaping. Ninyo & Moore's services included geotechnical observation; field and laboratory testing; and inspection of structural steel, concrete, masonry, and fabricated elements during construction, grading, backfill, paving, and foundation activities.

Port of Long Beach Fireboat Station #20, *Long Beach, CA*

Ninyo & Moore provided geotechnical, materials testing, and specialty inspection services for the Port of Long Beach Fire Station No. 20 project at Pier D (Berths D50–51) in Long Beach, California. The project involved construction of a new two-story fire station and site improvements, including a fireboat bay enclosure, floating dock, piles, retaining walls, an emergency generator enclosure, underground utilities, fencing, and paving. Work also included installation of precast prestressed concrete piles. Services included geotechnical observation; field density testing during earthwork; and materials testing and special inspections for reinforced concrete, masonry, and structural steel. Ninyo & Moore also performed inspection and testing at the precast pile fabrication plant and provided project management and reporting, including preparation of the final compaction report.



SCHEDULE OF FEES

Schedule of Fees

Hourly Charges for Personnel

Professional Staff

Principal Engineer/Geologist/Environmental Scientist/Certified Industrial Hygienist	\$ 250
Senior Engineer/Geologist/Environmental Scientist	\$ 235
Senior Project Engineer/Geologist/Environmental Scientist	\$ 220
Project Engineer/Geologist/Environmental Scientist	\$ 210
Senior Staff Engineer/Geologist/Environmental Scientist	\$ 200
Staff Engineer/Geologist/Environmental Scientist	\$ 180
GIS Analyst	\$ 160
Technical Illustrator/CAD Operator	\$ 140

Field Staff

Certified Asbestos/Lead Technician	\$ 220
Field Operations Manager	\$ 150
Nondestructive Examination Technician (UT, MT, LP)	\$ 145
Supervisory Technician	\$ 140
Special Inspector (Concrete, Masonry, Structural Steel, Welding, and Fireproofing)	\$ 135
Senior Technician	\$ 135
Technician	\$ 130

Administrative Staff

Information Specialist	\$ 120
Geotechnical/Environmental/Laboratory Assistant	\$ 120
Data Processor	\$ 95

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	\$ 15/hr
X-Ray Fluorescence	\$ 70/hr
PID/FID	\$ 25/hr
Air Sampling Pump	\$ 10/hr
Field Vehicle	\$ 15/hr
Equipment	\$ 15/hr
Expert Witness Testimony	\$ 450/hr
Direct Expenses	Cost plus 15 %
Special equipment charges will be provided upon request.	

Notes

Technicians and special inspectors, are charged at a 4-hour minimum, and 8-hour minimum for hours exceeding 4 hours. 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.

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

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

Schedule of Fees for Laboratory Testing

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	\$ 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 6913, 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
Cleanliness 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.

(SUBMIT ONLINE)

COST PROPOSAL---SCHEDULE GEOTECHNICAL & INSPECTION SERVICES

Fire Station No. 80

PROPOSAL ITEM NO.	WORK ACTIVITY DESCRIPTION	ESTIMATED QUANTITY	UNIT	UNIT RATE	TOTAL
	Field				
1	Grading Observation & Testing	280	HR	\$ 145.00	\$ 40,600.00
2	Compaction Testing	600	HR	\$ 145.00	\$ 87,000.00
3	Reinforced Concrete Inspection, Sampling & Testing	240	HR	\$ 145.00	\$ 34,800.00
	Laboratory Testing & Engineering				\$ -
4	Grading Observation - Maximum Density Testing for Soils (ASTM D1557)	6	EA	\$ 220.00	\$ 1,320.00
5	Compaction Testing	35	EA	\$ 1.00	\$ 35.00
6	A/C Paving - HVEEM Stability Test for Asphalt	2	EA	\$ 225.00	\$ 450.00
7	Concrete Compression Strength Testing (Each test shall include four 6"x12")	30	EA	\$ 35.00	\$ 1,050.00
8	Concrete Compression Strength Testing (4x8)	96	EA	\$ 35.00	\$ 3,360.00
9	Tension & Bend Rebar, Post Installed Anchors	24	EA	\$ 75.00	\$ 1,800.00
10	Welding - High Strength Bolt, Nut, Washer Testing	4	EA	\$ 150.00	\$ 600.00
11	Masonry - Block (ASTM C90)	1	EA	\$ 500.00	\$ 500.00
12	Masonry - Mortar Compression Test	10	EA	\$ 35.00	\$ 350.00
13	Masonry - Grout Compressive Testing	10	EA	\$ 35.00	\$ 350.00
14	Masonry - Core (Shear)	1	EA	\$ 70.00	\$ 70.00
15	Masonry - Core (Compression)	1	EA	\$ 70.00	\$ 70.00
16	Nondestructive Testing - UT	8	EA	\$ 10.00	\$ 80.00
17	Design Mix Verification (Periodic)	5	EA	\$ 150.00	\$ 750.00
18	Verification of In-Situ Concrete Strength (Periodic)	4	EA	\$ 100.00	\$ 400.00
	SPECIAL INSPECTION SERVICES				\$ -
19	Special Inspection - Welding	88	HR	\$ 145.00	\$ 12,760.00
20	Special Inspection - Masonry	240	HR	\$ 145.00	\$ 34,800.00
21	Special Inspection - Concrete (IBC Section 1705.3)	320	HR	\$ 145.00	\$ 46,400.00
22	Steel - Shop Inspection	320	HR	\$ 145.00	\$ 46,400.00
23	Special Inspection - Soils (CBC 1705A.6)	80	HR	\$ 145.00	\$ 11,600.00
24	Over-Excavation Observation & Fill Approval	80	HR	\$ 145.00	\$ 11,600.00
25	Underground Water Tank Backfill Inspection & Compaction Testing	32	HR	\$ 145.00	\$ 4,640.00
26	Imported Fill Material Testing & Approval (Per Source)	3	EA	\$ 300.00	\$ 900.00
27	Special Inspection - Structural Wood (CBC 1705A.5)	80	HR	\$ 145.00	\$ 11,600.00
28	Nelson / End-Welded Stud Inspection & Bend Testing (CBC 2213A.2)	12	EA	\$ 145.00	\$ 1,740.00
29	Infiltration System Subgrade Testing & Percolation Testing	4	EA	\$ 145.00	\$ 580.00
30	Contaminated Soils Assessment, Field Screening & Disposal Protocol (Contingency)	1	LS	\$ 5,000.00	\$ 5,000.00
	OFFICE		Subtotal		\$ 361,605.00
31	Project Management (Duration for the entire project)	1	LS		\$ 30,000.00
32	Certified Payroll Administration (Duration for the entire project)	1	LS		\$ 1,000.00
33	Prepare Test Results Summary Report (Separate from onsite summary report)	1	LS		\$ 3,000.00
Field				\$162,400.0000	
Laboratory Testing & Engineering				\$11,185.0000	
SPECIAL INSPECTION SERVICES				\$188,020.0000	
OFFICE				\$34,000.0000	
Grand Total				\$395,605.0000	