



**SOUTHWEST**  
Inspection & Testing, Inc.

*Continuous Inspection & Materials Testing*

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**RFQ #111-21**  
**Special Inspection Services**  
**Newport-Mesa Unified School District**

**PROUD TRADE PARTNERS WITH**



*Today's Fresh Start Charter*



**SEQUOYAH SCHOOL**

**Materials Testing & Special Inspection Consulting Services**

**BUSINESS PROFILE**

Newport-Mesa Unified School District (NMUSD):

This letter is to introduce Southwest Inspection and Testing, Inc. (Southwest), located at 441 Commercial Way, La Habra, CA 90631. We have been a California Corporation since 1956, formerly doing business as Godbey Concrete Company. Southwest offers full range of special inspection and materials testing services to the construction industry. **We are a fully insured and licensed materials testing and special inspection firm.** Our laboratory has been approved by DSA, ICC, CCRL, OHSPD, AMRL, AASHTO, Caltrans, City of Los Angeles, and City of San Diego. It is our desire to continuously improve the quality of material testing, inspection and testing in the industry by an intensive training and supervision program. Southwest Inspection and Testing will act as the prime consultant to NMUSD for their proposed project.

**We believe that our services should be an asset to any project, not a hindrance.** The concept of Southwest was created by a strong need in the construction industry for a hands-on, progressive, full service engineering, inspection and testing firm. By having an open access to all the key personnel in our firm we enable architects, engineers, builders, developers, owners and contractors to achieve a safe, cost efficient, quality construction, which are profitable to all parties.

Southwest Inspection and Testing currently employs over 100 employees including 6 Engineers, 4 Geologists, 65 Field Special Inspectors, 15 Laboratory/Soils Technicians and 10 Clerical staff.

Southwest's personnel are strongly aware of the jobsite need for speed, quick response, constant communication and the need to work with the parties involved. It is our responsibility to maintain close relationships and communications with the builders, owners, and design professionals to insure the project is constructed according to the plans, specifications and the current building codes; and the project is completed within the budget and the deadlines.

You will find working with Southwest Inspection & Testing a refreshing and profitable experience. We are a company whose goals precisely meet yours. Our philosophy is to serve our clients. We feel this has been and will continue to be the key to our success.

The Principal-in-Charge who would be responsible for oversight, project management for on-call material testing and special inspection consulting services for NMUSD projects throughout the duration of this contract will be: Mr. Jacob Godbey, Vice President, 441 Commercial Way La Habra, CA 90631, 714-833-1221, jacobg@southwesttesting.com

Southwest Inspection & Testing will not form a joint venture with any other firm for delivery of material testing and special inspection services for the NMUSD projects. Southwest does not have any pending or current litigation against them.

Southwest Inspection and Testing, Inc.



Jacob L. Godbey , Vice President



Materials Testing & Special Inspection Consulting Services

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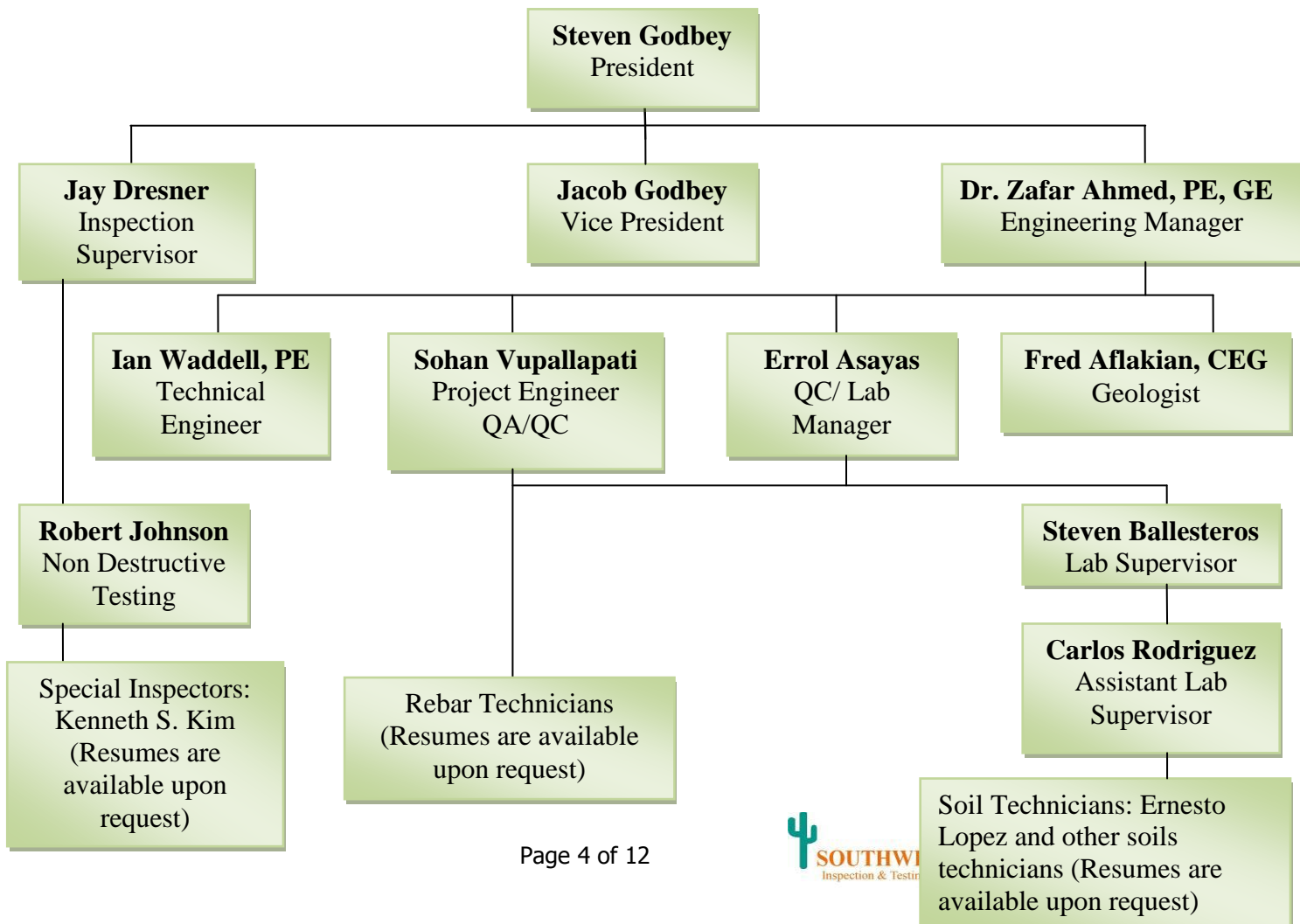
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**EXPERIENCE**

Over the last 3 years, Southwest Inspection & Testing has been continuously providing special inspection and materials testing services for numerous DSA projects, and educational facilities construction that are expected to be similar in scope for the on-call NMUSD projects. Highlights of our recent project experiences for various school, community college districts and educational facilities are presented below.

**PROJECT TEAM**

Following is an organization chart of the list of project professionals whom Southwest intends to use for the Newport-Mesa Unified School District projects. Southwest has successfully used the same team members in this chart in numerous public, private construction projects with various levels of complexities, scales over the recent years. We have built up a great working dynamics among ourselves by supporting each other's tasks in achievement of a common goal - successful delivery of our services and add value to the construction projects. All the anticipated inspection and testing services for the subject project will be performed out of our Regional Headquarters in La Habra, CA. This office has in-house resources and laboratory capabilities to cover the necessary services without hiring any third-party subcontractor. We will schedule for field inspection, sample pick up, materials test in laboratory within a 24-hour notice.





## **PROJECT UNDERSTANDING**

We understand, the District is seeking to retain firms to provide future materials testing and special inspection services for various facility improvement projects. These future projects may include, but are not limited to new construction and modernization projects.

## **SCOPE OF SERVICES**

Southwest is proposing for on-call materials testing and special inspection services for the Newport-Mesa Unified School District. We understand that NMUSD is looking for qualified consulting firms to help the district with its needs for materials testing and special inspection services. With this general understanding, we propose to perform the following scope of services:

### **Special Inspection Services**

Southwest has all the necessary in-house resources - professional engineers, technical staff, laboratory - knowledge base, and proven track record to perform all the special inspection services for the NMUSD projects. Because of the varying size and degree of complexity among different projects, special inspection services for any project will be project and site specific, which will be developed based on the plans of any specific project. A generalized description of our scope of special inspection services for anticipated District's projects is outlined in the following:

- Conduct review the proposed concrete mixes, masonry grout and mortar mixes for conformance with the specifications.
- Conduct concrete batch plant inspection, perform field tests of concrete (slump, temperature, and air content) during pour, and prepare field samples for compression tests (ASTM C29). In case of lightweight concrete and insulating concrete, conduct inspection, field sampling will be conducted following the applicable standards (ASTM C495, ASTM C332).
- Collect reinforcing rebars from the fabrication shop with proper tagging, mill certificates in order to identify the rebars delivery at the site and to conduct the laboratory tests (tension, bend) per the project specifications.
- Perform the following items field inspection and tests for prestressed concrete:
  - Test prestressing tendons and anchorages
  - Placement of prestressing tendons
  - Test tendons and anchorages
  - Application of prestressing forces and grouting of bonded tendons
- Perform pull, torque tests to the specified tension, torque value for the post-installed anchors. These tests at field will be performed by ICC certified technicians utilizing calibrated ram, torque wrench.



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- Perform inspection during panel test, continuous inspection during placement of production shotcrete. Take out core samples of in-place shotcrete for laboratory compression tests.
- Perform inspection during layout, grouting for structural masonry blocks. Following items of masonry field inspection services will be provided certified DSA Masonry inspectors:
  - Review mill test certifications of block and reinforcing steel
  - Inspect to determine size and spacing of dowels prior to placement of concrete foundations, prior to the start of masonry installation, and prior to placement of grout
  - Inspect to determine that cleanouts are provided for high-lift grouting methods
  - Inspect proper lay-up of block units
  - Inspect reinforcing steel prior to grouting
  - Inspect anchor bolts and inserts to make sure they are in place and properly secured prior to grouting
  - Inspect to determine proper consolidation of grout
  - Check that curing requirements are being followed
- Perform field and shop inspection - periodic and continuous as required by the project specifications - for welding of structural steels. Following items of fabrication shop and field welding inspection services will be provided by Certified Welding Inspectors (CWI):
  - Verify WPS welder qualifications and equipment
  - Field and Shop Welding (groove, multi-pass, fillet, stairs, railings, metal stud, metal backing, reinforcing steel)
  - High Strength Bolting
  - Metal Decking
  - Welded Stud Connectors
  - Fabrication Shop
  - Ultrasonic Examination
  - Magnetic Particle Examination
  - Liquid Penetrant Examination
  - Radiographic Examination

Southwest has a large pool of CWIs. We are capable to handling of multiple welding inspection job simultaneously; conduct shop inspections all over the state as well out of state and out of country (Canada, Mexico).

- Perform fabrication inspection of structural glue-laminated timber for fabrication facilities located both within the state and out of state.

## **Materials Testing Services**

Southwest's laboratory is fully equipped to provide all the necessary materials laboratory tests for the proposed NMUSD projects. We will perform the following tests utilizing our in-house resources:

a. Soil, Aggregate and Asphalt





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- 1) Maximum Dry Density
- 2) Expansion Index
- 3) R-Value
- 4) Sand Equivalent
- 5) Sieve Analysis
- 6) Hveem Stability
- 7) Asphalt Extraction
- 8) Hardness and Abrasion
- 9) Sampling

**b. Concrete**

- 1) Cylinder Compression Strength
  - 2) Anchor Pull-Out
  - 3) Core Extraction
  - 4) Slump
  - 5) Air Testing
  - 6) Concrete Cylinder Sampling/Fabrication
- c. Reinforcing Steel
- 1) Tensile Strength
  - 2) Bend Test
  - 3) Sample and tag Specimens

**d. Masonry**

- 1) Grouted Prism
- 2) Mortar Compression
- 3) Grout Compression
- 4) Anchor Pull-Out

**e. Masonry Block Conformance Testing**

- 1) Block Compression
- 2) Block Measurement
- 3) Block Moisture/Absorption
- 4) Shrinkage
- 5) Effloresce

**f. Structural Steel**

- 1) Bolt and Washer Hardness
- 2) Fireproofing Density
- 3) Bolt Bend/Tensile



## **PROJECT COST AND MANAGEMENT**

Southwest has a lot of experiences working on DSA approved projects for numerous community colleges, school districts with varying levels of complexities and challenges. We have a proven track record of successful completion of the complex, fast-paced construction projects. Southwest has all the in-house resources (personnel, equipments) that would be necessary to serve NMUSD projects. We understand the dynamics and needs for the public projects where quick response, pro-active approach and value added services are of essence since these DSA projects are typically fast paced.

Based on our previous experiences, Southwest has adapted several methods and developed an effective work plan for NMUSD. In the following paragraphs, we will provide a brief description of our proposed work plan, philosophy, milestones for measuring progress, and the resources that we will commit for the proposed District projects.

### **Project Scheduling**

Before starting of project, Southwest's personnel (Geotechnical Engineer, Lab Manager, supervising field inspector) will attend the pre-construction meeting to meet with all the parties involved in the project in order to understand Southwest's specific involvement in any NMUSD project, and the district's needs. We will discuss with NMUSD's Project Inspector, representatives from the general and grading contractors to understand the construction schedule and scheduling protocol. Southwest will set up a distribution list that can be e-mailed, faxed or mailed to all parties involved with the project who would require copies of daily field reports and laboratory test results.

Southwest keeps an electronic schedule of our daily tasks in our internal scheduling system. We have two scheduling department managers. Our primary scheduling manager provides staffing for our field technicians as well as special inspectors. He will communicate with NMUSD's Project Inspectors on a daily basis to confirm the type of inspection required on their projects and to ensure that appropriate certified inspectors are being placed on the projects.

Another scheduling person is our laboratory scheduling manger, who will also discuss with the NMUSD's Project Inspector about all laboratory test, field equipment needs as well as any long lead test items (such as qualification tests for import soils) in order to keep the construction schedule moving without any interruption. He will ensure that all the tests are done in compliance with the specifications and applicable Building Code. He will closely work with the primary scheduling person to commit the appropriate equipment, resources both in the field and in the laboratory.

### **Project Cost Control**

Southwest thrives to stand out as the most competitive testing and inspection firm in the industry without compromising our quality of services. We share a common objective with all of our clients – provide the value-added services while keeping the project cost in control. With this objective in mind, Southwest will implement the following measures:

- Each of the Southwest's team members will assume a pro-active role to resolve any non-compliance issues, to prepare the project submittals without any delay. We will inform NMUSD's Project Inspector and Project Manager about the long lead items (such as test for import soil, base, DTSC analytical tests) well ahead of the schedule so that construction time frame does not get impacted causing cost overrun.





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- If any overtime work is needed, we will authorize that in advance by the NMUSD's Project Manager.
- Southwest will use a tracking system throughout the duration of any of the NMUSD projects to address the major milestones in progress and completed. This tracking system allows us to close out certain phases of a project while the project is still in progress. Southwest's tracking system works hand in hand with our billing department to track the billing percentage of completion in cross reference to the estimated job completion. Southwest's project managers and accounting managers track this progress on a bi-monthly basis by communicating with field representatives on project status.

### **Project Deliverables**

Project deliverables will include daily inspection reports, material test results reports, any project submittals (e.g., RFI, materials specifications review, etc.), any interim recommendations letter/report, interim and final verified DSA reports (DSA 291). We will maintain the following protocol and practice to deliver these items in a timely and efficient manner.

- All of the Southwest inspectors in the field will have devices (lap top or iPad) to prepare daily inspection reports electronically. A copy of the daily report will be e-mailed to the NMUSD's Project Manager and the jobsite superintendent as well as to Southwest's Project Manager and Principal Engineer on a daily basis. If hard copies of the report with wet signature is required by the District, our inspectors will gladly provide the hard copy of the daily report as well.
- At the end of each week, a summary of the daily reports will be e-mailed to the NMUSD's Project Manager and all other concerned parties as designated by the District. If hard copies by post-mail are requested by any party, Southwest will accommodate that request.
- All laboratory materials test reports will be reviewed by Southwest's Principal Engineer prior to distribution. After the engineer's review, test reports will be e-mailed to all parties designated by the District.
- Project submittals such as response to RFI; review of the material specifications, mix designs, welding procedures; any interim recommendations letter/report, interim and final verified DSA reports (DSA 291) will be prepared under direct supervision of Southwest's Principal Engineer. These deliverables will be signed and stamped by the Engineers. Electronic copies will distributed out to all the concerned parties. After review and approval by NMUSD's Project Inspector, DSA reports will be uploaded online to the assigned project folder in DSA's Box. Hard copies of any of the project submittals with wet signature and stamp will be made available (hand delivery, post-mail) as requested.
- Southwest is open 24 hours a day. One of our team members will be accessible by e-mail or phone. We also work on Saturday and have the capabilities to provide laboratory testing on Sunday, if demanded by the project schedule.



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### **Quality Assurance Plan**

Southwest is committed to providing the following items and protocol if the material testing and special inspection services for the subject NMUSD anticipated projects is awarded to us:

- All the material testing and inspection reports, letters will be prepared under direct supervision by a licensed Engineer. All reports will be peer reviewed internally by Southwest's Principal Engineer.
- All laboratory test data and reports will be reviewed by the Principle Engineer.
- We will commit the same project personnel throughout the duration of this project. This will guarantee seamless operation and a solid teamwork by our personnel.
- Our project manager will be available 24 hours a day 7 days a week.
- All laboratory tests will be done in-house. So there will be no delay for laboratory test results. We will have the capabilities of expediting tests at no costs to the District and providing same day tests.
- Our laboratory is open and available Monday through Saturday and we work a night shift Monday through Friday. This will ensure that the test results will be delivered on-time

### **Non-Compliance and Acceptance Inspection**

During construction, Southwest's inspectors will bring up non-compliance items to the immediate attention of the contractor; NMUSD's Project Inspector, Project Manager; and Southwest's Project Manager and Principal Engineer.

At the completion of construction, Southwest's Project Manager and Principal Engineer will participate in a final walk-through of the project and prepare a construction deficiencies list (Punch List) that documents items to be completed prior to acceptance of the completed project.



## **LABORATORY ACCREDITATIONS**

Southwest's laboratory is one of the top materials testing laboratories in Southern California. It holds certifications and accreditations with numerous major approvals, accreditation agencies – state and nationwide. Following is the list of agencies that our laboratory is currently approved by:

- DSA (LEA #90; School, Community College projects)
- Caltrans (Bridge and Roadway Work)
- AMRL (Private, Public and Local Jurisdiction Work)
- CCRL (Private, Public and Local Jurisdiction Work)
- OSHPD (Hospital Work)
- ICC (Private, Public and Local Jurisdiction Work)
- City of Los Angeles (Private, Public and Local Jurisdiction Work)
- City of San Diego (Private, Public and Local Jurisdiction Work)
- IAS (Private, Public and Local Jurisdiction Work)
- US Green Building Council (Private, Public and Local Jurisdiction Work)
- FACE (Floor Flatness Work)
- ACI (Field Technician and Sampling Work for Concrete)

## **SUB CONSULTANTS**

Southwest Inspection and Testing will be the prime consultant for all NMUSD projects.

## **REFERENCES**

See Exhibit

## **LEGAL ISSUES**

There is no legal action being taken against Southwest Inspection and Testing or any employee of Southwest Inspection and Testing alleging violations of the law in connection with an offering of municipal securities in a California transaction. There are not any settlements or judgments involving Southwest Inspection and Testing in the last 5 years.



## **COMPANY CONCLUSION**

We thank you for this opportunity in allowing us to provide this RFQ package to NMUSD. We are a family owned business that is selective on the clients that we target. When we commit to a client, you have the confidence that starting from the president of the company down to our field technician we all will be accessible to you at all times. Our project managers are highly involved and knowledgeable of every project that we are working on and are accessible by cell phone day or night. Southwest Inspection and Testing takes pride in being a part of the success of large projects on educational facility buildings. We hope to work with NMUSD and are confident that we will meet and exceed your expectations.

### **Contact Cell Phone Numbers:**

President: Steve Godbey, 310-505-9135

Vice President: Jacob Godbey, 714-833-1221

Managing Engineer: Dr. Zafar Ahmed, 949-331-3232

Laboratory Manager: Errol Asayas, 310-505-9096

Inspection Supervisor: Jay Dresner, 562-318-5730

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**Newport-Mesa**  
Unified School District

**Special Project Inspection Services  
Newport-Mesa Unified School District  
RFQ #111-21**

**Materials Testing & Special Inspection Consulting Services**

## **Appendix A Resumes of Key Personnel**

## ASSOCIATIONS

ICC

IAS

US Green Building

BIA

ACI

## Professional Summary

Mr. Steven L Godbey is the President/Chief Operating Officer and Founder of Southwest Inspection and Testing. He oversees all employees and all projects on a daily basis.

Mr. Godbey has worked in the concrete industry since 1971. He started Southwest Inspection and Testing in 1986. He served as an expert witness in the inspection and testing industry and is considered one of its most knowledgeable concrete inspectors. Steve led a seminar on post tension concrete for a panel of 200 members where he taught members of the construction industry as well as special inspectors on post tension projects.

## Relevant Experience

**Mr. Godbey has been a part of some of Southern California's major construction projects. Following is a list of his recent project experiences in education facilities construction:**

**Los Angeles Community College District:** Book Store, Little Theater Upgrade, Math and Science Center, Storm water collection, Fitness and Wellness Center, Northeast Quad Parking Structure, Campus Restroom Building, Cox Building Upgrade, Solar Power Parking Structure, Behavioral and Social Science Building, Performing Arts Building, Stadium Marquee, Marquee Sign Renovation, Astronomy Building, Theater Drama Speech Building, Northeast Enrichment Project, Bus Turnaround, Student Success and Retention Center, Valley Glen Gateway Building.

**Rancho Santiago Community College District:** Sidewalk and Road Improvement, Sports Field Netting, Pavement rehabilitation.

**Cal State University, Los Angeles:** Geotechnical investigation and engineering geologic review for a Tennis Court Facility, Parking Lot Stairs between Lots 7 and 9, and Parking Lot C Deck Rehabilitation.

**Los Angeles Unified School District:** Southwest Inspection and Testing was recently awarded a 5 year on call Geotechnical Engineering Contract to provide Geotechnical Engineering support services for over 900 school campuses.

**Irvine Unified School District:** Geotechnical engineering and inspection services during design and construction of a new classroom building at Northwood High School; a new campus for Cypress Village Elementary School, a new campus for Portola High School (currently ongoing), relocatable classroom building at Cypress Village ES (currently ongoing).



# Jacob L. Godbey, M.A.

Vice President

## Education:

M.A. Counseling Psychology  
University of San Francisco,  
CA; Summa Cum Laude.

Member of the National  
Honor Society in Psychology

B.A. Major in Psychology with  
a double minor in  
Communication and  
Sociology. Notre Dame de  
Namur University, CA . Dean's  
List recipient all 4 years.

Played College Soccer at  
NDNU for 4 years; receiving  
the coach's award.

## Associations

ICC

IAS

Caltrans

AASHTO

DSA

OSHDP

ACI

## Professional Summary

Mr. Godbey has been working with Southwest Inspection and Testing for the past eight years. Within those eight years, Mr. Godbey has worked his way up to the position of Vice President. Mr. Godbey is responsible for managing all assigned projects to ensure that every aspect of the project is being well taken care of and that Southwest Inspection and Testing is taking accountability for their projects. Mr. Godbey is the liaison between the client and Southwest Inspection and Testing. Mr. Godbey is assigned to clients that need a Senior Project Manager who can handle working on multiple projects as well as fast track projects. Mr. Godbey takes a hands on approach to every project and makes it a priority to be present onsite periodically to ensure that his project are running at a high quality to meet and exceed the clients expectations. Mr. Godbey believes that having one representative from his company limits issues of dealing with several people within our organization and having important information slip through the crack. Mr. Godbey will take on all tasks and delineate them out within his company. This method has been proven successful and ensures accountability for the project.

## Relevant Experience

**Below is a list of Clients Mr. Godbey is currently working with or has worked with in the past two years:**

**Northwood High School** - Construction of a new two story structural steel building. Provide support services and project management for the Geotechnical Engineering and Special Inspection and Materials Testing. Scheduling out of country shop inspection and expediting DTSC testing. Project completed in 2014.

**Los Angeles Valley College, Valley Glen Gateway Building** - Providing support services and project management for the construction of a new two story structural steel building as well as the Geotechnical Engineering support services. Facilitating project schedule and liaison between owners rep and Southwest Inspection and Testing. Project to be completed March of 2016.

**Irvine Unified School District** - Geotechnical engineering and inspection services during design and construction of a a new campus for Cypress Village Elementary School, a new campus for Portola High School (currently ongoing), relocatable classroom building at Cypress Village ES (currently ongoing).

# Zafar Ahmed, PhD, PE, GE

Geotechnical Engineer

## EDUCATION

Ph.D., Geotechnical Engineering, University of Florida, FL

M.S., Geotechnical Engineering, University of Florida, FL

B.S., Civil Engineering, Bangladesh University of Engineering and Technology, Dhaka, Bangladesh

## LICENSES / CERTIFICATIONS

Geotechnical # 2720  
Civil # 64785

## ASSOCIATIONS

American Society of Civil Engineers

Geo-Institute, ASCE

International Society of Soil Mechanics and Geotechnical Engineering

## Professional Summary

Dr. Ahmed has 14 years of industry experience in geotechnical engineering, materials testing and construction inspection services. Over his long professional career he has progressively moved from staff level to Principal level position. Dr. Ahmed's expertise encompasses from the geotechnical site investigation, laboratory testing, field instruments monitoring, engineering analysis, report preparation through project management of grading and construction inspection for various types of facilities including transportation, public works, governmental and utility projects, large-scale developments - commercial, industrial, and residential. He has an excellent track record in business development, maintenance of the existing clients as well as expansion to the new client base.

Dr. Ahmed was actively involved in several research projects sponsored by federal and state agencies. His research works included development of design methodologies for driven steel piles, development of numerical model and algorithms for large-strain consolidation, development of general-purpose 2D and 3D numerical simulation (finite element) engine for design, analysis of geotechnical/structural problems. Some of his research works are routinely followed for foundation design by several state DOTs such as Florida DOT, Georgia DOT, South Carolina DOT.

## Relevant Experience

- **Los Angeles Southwest College, CA:** Performed responsibilities as the GEOR during construction of a new 4-level parking structure; alterations to the Fitness & Wellness Center Bldg; alterations, modernization of the existing Cox-Annex Building and Little Theater at this college campus of the Los Angeles Community College District.
- **East Los Angeles College, Monterey Park, CA:** Geotechnical engineering services for construction of a new 5-story building with steel frame structure and site work for the proposed Student Success & Retention Center (SSRC) at this college campus of the Los Angeles Community College District.
- **Portola High School, Irvine, CA:** Conducted geotechnical investigation during the design and currently supervising the geotechnical engineering services for construction of this new high school campus in Irvine. This campus sits on an approx. 40 acres area. It will have 11 one- to two-story buildings, parking lots, driveways, stadium, athletic track, hard courts, swimming pool, and other associated improvements.

# Zafar Ahmed, PhD, PE, GE

*Geotechnical Engineer*

- **Cypress Village Elementary School, Irvine, CA:** Conducted geotechnical investigation during the design phase and performed responsibilities as the project GEOR during construction for a new elementary school campus over ~10.3 acres land; consisting of multiple school bldgs, parking lots, driveways, hard courts and site work.
- **Portola Springs Elementary School, Irvine, CA:** Conducted geotechnical investigation during the design phase for a new elementary school over ~15 acres land, consisting several school bldgs, parking lots, driveways, hard courts and site work.
- **Northwood High School, Irvine, CA:** Conducted geotechnical investigation during the design phase and performed responsibilities as the project GEOR during construction for a new 2-story, steel frame classroom building and site work at the existing high school campus.
- **Lisa J Mails Elementary School, MVUSD, Murrieta, CA:** Geotechnical investigation, geotechnical and materials testing and inspection services for a new elementary school for Murrieta Valley Unified School District. The project consisted of five school buildings, playground, parking lot, fire truck access lane, and other associated facilities.
- **Dorothy McElhinney Middle School, MVUSD, Murrieta, CA:** Geotechnical investigation, geotechnical and materials testing and inspection services for a new middle school for Murrieta Valley Unified School District. The project consisted of eight school buildings, playground, ball fields, arch culvert, parking lot, fire truck access lane, and other associated facilities.
- **Murrieta Mesa High School, MVUSD, Murrieta, CA:** Geotechnical investigation for a new high school for Murrieta Valley Unified School District.
- **High School No. 4, DSUSD, Indio, CA:** Geotechnical investigation of a new high school in Indio for Desert Sands Unified School District.
- **Paloma Valley High School, PUHSD, Menifee, CA:** Geotechnical and material inspection and testing services for improvements at Paloma Valley High School of Perris Union High School District that included construction of additional fire truck access lane, portable classrooms, tennis courts, sidewalk, and utilities.
- **Tovashal Elementary School, MVUSD, Murrieta, CA:** Geotechnical investigation for new classroom buildings and parking lot addition for Tovashal Elementary School at Murrieta.
- **Bobby Duke Middle School, Coachella Valley USD, CA:** Geotechnical investigation for a new middle school at Coachella.
- **South Madison Elementary School, DSUSD, Indio, CA:** Geotechnical investigation for a new elementary school for Desert Sands Unified School District.
- **Indio Elementary School No. 7, DSUSD, Indio, CA:** Geotechnical investigation for a new elementary school for Desert Sands Unified School District.

# Ian R. Waddell, PE

Principal Engineer

## EDUCATION

B.S. and M.S. in Civil  
Engineering

University of Toronto

University of British Columbia

## LICENSES / CERTIFICATIONS

Professional Engineer, CA  
#41219

## Professional Summary

Mr. Waddell is the principal engineer for Southwest Inspection and Testing. Ian has worked for Southwest Inspection and Testing for 19 years as the principal engineer. Ian's primary position at Southwest is to review all engineering services, testing procedures, test results, review inspection reports, and inspection procedures. Ian works as an in-house engineer to ensure all testing is performed in accordance with applicable codes (ASTM, ACI, AASHTO, ICC, etc.) and manufacturer's recommendations. Ian reviews Southwest's written inspection procedure policy to ensure accuracy. Ian works with city, county, and governmental agencies to ensure conformance with the proper testing procedures and inspection requirements. Ian will be the lead engineer on the project and will oversee all engineering services, field inspections and laboratory procedures to ensure quality.

## Relevant Experience

**Following is a list of school, community college district projects that Mr. Waddell has been involved recently and over the last 5 years:**

**Los Angeles Community College District:** Book Store, Little Theater Upgrade, Math and Science Center, Storm water collection, Fitness and Wellness Center, Northeast Quad Parking Structure, Campus Restroom Building, Cox Building Upgrade, Solar Power Parking Structure, Behavioral and Social Science Building, Performing Arts Building, Stadium Marquee, Marquee Sign Renovation, Astronomy Building, Theater Drama Speech Building, Northeast Enrichment Project, Bus Turnaround, Student Success and Retention Center, Valley Glen Gateway Building.

**Rancho Santiago Community College District:** Sidewalk and Road Improvement, Sports Field Netting, Pavement rehabilitation.

**Cal State University, Los Angeles:** Geotechnical investigation and engineering geologic review for a Tennis Court Facility, Parking Lot Stairs between Lots 7 and 9, and Parking Lot C Deck Rehabilitation.

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**EDUCATION**

General Education, Mount  
San Antonio College

**LICENSES /  
CERTIFICATIONS**

ACI Technician

AWS Certified Welding  
Inspector

ICC Reinforced Concrete

ICC Prestressed Concrete

ICC Reinforced Masonry

ICC Structural Steel & Welding

ICC Spray Applied Fireproofing

ICC Master Inspector

**Professional Summary**

Mr. Dresner is the inspection supervisor for Southwest Inspection and Testing. Jay supervises all inspectors on Southwest's projects to ensure quality and consistency of inspections. With over 35 years of experience in the trade and the diverse projects Jay has been a part of, he possesses the knowledge of supervising inspection on the most complex projects. Jay holds current licenses as a Reinforced Concrete Special Inspector, Pre-Stressed Concrete Special Inspector, Structural Masonry Special Inspector, Spray-Applied Fireproofing Special Inspector, Structural Steel and Welding Special Inspector, and an American Welding Society Certified Welding Inspector. Jay will be the lead project supervisor for all projects Southwest Inspection and Testing's projects. He will oversee all operations and will be present on site periodically to ensure quality on the project.

**Relevant Experience**

**OSHPD Experience;**

1. Pomona Valley Hospital 2014
2. Hoag Hospital 2008-2013
3. Barstow Replacement Community Hospital 2010
4. Antelope Valley Hospital 2010-2012
5. Children's Hospital Los Angeles 2011
6. Camp Pendleton Hospital 2011
7. Pacific Hospital 2011
8. Long Beach Hospital 2011
9. Alhambra Hospital 2011
10. Palmdale Hospital 2011
11. East Los Angeles Hospital 2012
12. San Gabriel Hospital 2012
13. Fountain Valley Hospital 2013
14. Naval Hospital Seal Beach 2012
15. West Hills Canoga Park Hospital 2012-13
16. Pacific Hospital Long Beach 2013
17. Monrovia Memorial Hospital 2013
18. Glendale Memorial Hospital 2014

### LICENSES / CERTIFICATIONS

FACE- Dipstick Floor Profiler Technician  
(American Concrete Inst./ Canadian Star Association)

ACI – Concrete Laboratory Testing  
Technician Level 1 - # 047065

ACI - Concrete Laboratory Testing  
Technician Grade I - # 047065

ACI - Concrete Field Testing  
Technician- # 047065

ACI - Concrete Strength Testing  
Technician- # 047065

ACI - Concrete Aggregate Testing  
Technician - # 047065

IAS - Measurement of Uncertainty  
ISO-17025

IAS – ISO 9001 Quality Management  
Systems

City of Anaheim License (Field / Soil)

City of Covina License (Field / Soil)

Assistant Radiation Safety Officer –  
# 14200

Nuclear Gauge Operator - # 14646

Auto Cad Certified Drafter- Release  
14 version.

World of Concrete – Mix Design  
Calculation and Review

### LABORATORY SKILLS

Perform laboratory and field test  
methods based on the following  
designations:

#### ASTM:

D2216, C94, D1556, C2922,  
C42, C617, C1231, C39, C75,  
C702, C117, C136, C29, C127,  
C128, C566, C40, C192, C495,  
C805, and C642

#### AASHTO:

T176, T89, and T90

#### Member:

ACI – Southern California Chapter

IAS/ICC

USGBS Los Angeles /San  
Bernardino Branch

Masonry Society

ASTM

### Professional Summary

Mr. Asayas is the quality control laboratory manager for Southwest Inspection and Testing. He reviews laboratory operations to ensure that Southwest is up to date with laboratory qualifications. He has been a member of Southwest Inspection and Testing for 14 years and is responsible for all laboratory activities requiring quality control. Errol maintains all quality procedures to ensure all quality systems are implemented and strictly adhered to based on ASTM, AASHTO, CBC, DSA, OSHPD, Caltrans and ICBO standards. Errol manages and participates in all internal and external quality system reviews and audits. He oversees all quality system trainings to ensure strict standards are being met. Errol will oversee all laboratory operations to ensure the quality on all projects that Southwest Inspection and Testing will be a part of.

### Relevant Experience

#### LACCD SCHOOL DISTRICT:

- Melbourne Elementary School
- Gahr High School
- Niemes Elementary School
- Whitney High School
- Kennedy Elementary School

#### ANAHEIM UNIFIED SCHOOL DISTRICT:

- Ball Junior High School
- Sycamore Junior High School
- Magnolia High School
- Savanna High School

#### BELLFLOWER UNIFIED SCHOOL DISTRICT:

- Mayfair High School
- Woodruff Elementary School

#### BUENA PARK SCHOOL DISTRICT:

- Pendleton Elementary School

#### CENTRALIA ELEMENTARY SCHOOL DISTRICT:

- San Marino Elementary School

#### DOWNEY UNIFIED SCHOOL DISTRICT:

- Williams Elementary School

#### FOUNTAIN VALLEY UNIFIED SCHOOL DISTRICT:

- Gisler Elementary School
- Newland Elementary School
- Masuda Middle School
- Maiola Elementary School

#### GLENDALE UNIFIED SCHOOL DISTRICT:

- Crescenta Valley High School
- La Crescenta Elementary School
- Franklin Elementary School
- Ocean View High School
- Lincoln Elementary School



### LICENSES / CERTIFICATIONS

ICC Certified for Soils  
Inspection

ACI - Concrete Field  
Technician # 01029746

Nuclear Gage Operator

CHEERS – Home Energy  
Rating System Rater

CalTrans Certified Soils  
Inspector

### LABORATORY SKILLS

Perform laboratory and field  
test methods based on the  
following designations:

#### ASTM:

C702, C117, C1231, C127, C  
128, C 136, C 192, C 29,  
C39 , C40, C42 , C495,  
C566, C617, C75, C805,  
C172,C192,C2922, C31,  
C642, C94,C1064,C138,  
C31,C143,C173,C231,C140,  
C780, C805,D1556,  
D2216,D6938

#### AASHTO:

T176, T89, T90,T176,T100,  
T121, T309, T152,T27,T84,  
T85, T310, T24, T22, T23,  
T19,T97,T112,T141,T196

Field moisture lumber test

#### Manometer floor survey test

Performed Vapor Moisture  
Emission Test ( VPI'S )  
designed to measure  
Moisture Emission from on ,  
below and above grade  
concrete sub floor

Pull test embedded anchors  
and rebar pullout.

### COMPUTER SKILLS

**Auto Cad Draft** (Computer  
Aided Design and Drafting)  
Draw sketch plan using a  
computer.

## Professional Summary

Mr. Lopez is a senior soils inspector. He has been working at Southwest Inspection and Testing for the last 11 years. He has worked in the capacity of senior soils technician, lead inspector for numerous large scale mass grading projects. Mr. Lopez gathered a vast experience in construction industry by working on various projects on different scales and different set of challenges. His experience in grading, concrete, asphalt inspection and pro-active role in troubleshooting has always added values to the inspection services and contributed to successful completion of all the construction projects that he worked on. He has been a very good team player and an asset to Southwest and its clients in the construction industry.

## Relevant Experience

Following is a list of the major recent projects where Mr. Ernesto worked as the senior soils and concrete technician:

- Portola High School, Irvine Unified School District - construction a new high school campus on 40 acres area. The campus will comprise of 11 one- to two-story school buildings, other ancillary structures, baseball fields, hard courts (basketball, tennis), football/track and field stadium, and associated site improvements (project is currently ongoing)
- New Classroom Bldg., Northwood High School, Irvine Unified School District - Addition of a new 2-story classroom building and site work at the existing high school campus
- Cypress Village Elem. School, Irvine Unified School District - New elementary school campus over ~10.3 acres land – multiple school bldgs, parking lots, driveways, hard courts and site work
- SSRC Center at East Los Angeles College, Los Angeles Community College District - A new 5-story building with steel frame structure and site work for the proposed Student Success & Retention Center (SSRC)
- Los Angeles Southwest College/ Los Angeles Community College District - major upgrade and addition for the Cox Annex Building and Little Theater building
- Los Angeles Southwest College/ Los Angeles Community College District - Alterations to the Fitness & Wellness Center Building and associated site improvements

**LICENSES /  
CERTIFICATIONS**

- ACI Concrete Field Technician
- Nuclear Gauge Operator  
Certified
- Soils Inspector

Professional Summary

Mr. Wright has been working in Southwest for more than 5 years. He has been working as a field Technician for concrete, soils, asphalt and miscellaneous inspection like Pull Test, torque Test, for Various DSA, public works and commercial Projects.

Relevant Experience

**Southwest Inspection and Testing, Inc.**  
441 Commercial Way, La Habra, Ca

**- July 2010**

♦ **Concrete Field Testing Technician**

- ✧ Perform concrete field testing in accordance with ASTM procedures.
- ✧ Properly perform and record the results of field test.
- ✧ Insure all concrete mixes are within the field specification.
- ✧ Perform quality assurance and quality control on various state and public city works.
- ✧ Constant communication with superintendent and field deputy inspector if any problem occurs.
- ✧ Perform pull test on embedded rebars / ceiling wires / anchors.
- ✧ Perform Torque Testing on Bolts
- ✧ Verifying plans and specifications provided.

Project Experience

- 1) Student Success and Retention Center, East Los Angeles college
  - Quality control Technician, Assistant to IOR.
  - Performed Concrete quality control
  - Soils/Asphalt Inspection
  - Pull Test and Torque Test
- 2) Park Place/ Irvine Company
  - ACI field Technician, Quality control for concrete slab and Post Tension Podium Decks Pour.
- 3) Little Theater and Cox Building Southwest college/LACCD
  - Pull Test/Torque Test
  - Concrete field Technician

# Andre Uribe

*Soils Testing, Quality Control Supervisor*

## **LICENSES / CERTIFICATIONS**

EIT License #159467

Nuclear Gauge Operator  
Certified #50515

## **LABORATORY SKILLS**

Perform laboratory and field test methods based on the following designations:

### **ASTM:**

D2216, C94, D1556, C2922, C42, C617, C1231, C39, C75, C702, C117, C136, C29, C127, C128, C566, C40, C192, C495, C805, and C642

## Professional Summary

Mr. Uribe is a laboratory supervisor with Southwest Inspection and Testing and is responsible for overseeing daily laboratory operations; receiving and logging all test specimens in the concrete department; reporting test results to clients; assigning work and outlining testing procedures to be used by the laboratory technicians; dispatching field technicians to various jobs; supervising laboratory technicians in logging, marking, and proper handling of concrete samples; performing and supervising concrete mix trial batches; and performing calculations of concrete mix designs.

## Relevant Experience

**Assistant Soil Engineer for the City of La Habra; La Habra, CA (City of La Habra)**— Soil Engineer for the New City Hall for the City of La Habra. Reads grading plans and tests the compaction of soil. Coordinates with the superintendent and Geologist to maintain quality control over the compaction and building pad certification. Project consisted of the full utilities compaction, sidewalk and new building pad.

**Whittier High School Boring Analysis; Whittier, CA (City of Whittier)**— Senior Soils Inspector performing the soils boring logs for two locations on an existing gymnasium. Prepared boring logs, as well as performed all tests necessary in the laboratory to complete the report. Also, prepared the report for the geologist to review and submit.

**Katherine Edwards Elementary School; Whittier, CA (City of Whittier)**— Senior Soils Inspector performing Soils compaction of the new track being placed on the field of the Elementary School. Prepared multiple reports and took various tests of Base and Native Soil. Communicated with the Project Manager on daily activities to keep the project on schedule.

**Albion Elementary School; Los Angeles, CA (City of Los Angeles)** — Staff engineer performing scheduling and reports for the senior soil inspector on site. Communicated directly with the senior soils engineer on progress and completion date. Made site visits to determine the quality of soil on site.

## LICENSES / CERTIFICATIONS

EIT License #159467

Nuclear Gauge Operator  
Certified #50515

## LABORATORY SKILLS

Perform laboratory and field  
test methods based on the  
following designations:

ASTM:

D2216, C94, D1556, C2922,  
C42, C617, C1231, C39, C75,  
C702, C117, C136, C29,  
C127, C128, C566, C40,  
C192, C495, C805, and C642

## Professional Summary

Dedicated Inspector with over 12 years experience as an Ironworker and over 8 years experience as a Special Inspector. Detail oriented while inspecting in the field with high standard of professionalism, quality, honor and integrity. Highly adaptable team player with short learning curve. Excellent written and verbal communication skills as well as clear concise report writing. I am seeking full time position.

## Relevant Experience

**Chevron Refinery-El Segundo :** Resident Inspector for projects such as: The Rock - a 75,000 square foot structural steel structure with blast resistant exterior walls. Cogen D Train – a new cogeneration unit. CRC Building and New Cafeteria – a 100,000 square foot, 3 story structural steel structure with attached 40,000 square foot steel structure for the cafeteria. Coke Drum Replacement Project – a existing 12 story industrial structure retro fit for the replacement of old coke drums. 2 Crude Close Relief System Project – over 64 pipe support foundations and structural steel added for a new pipeline.

Duties included but not limited to:

- Review plans and specifications pertaining to work being executed in the field.
- Performed inspections on welding, bolting, and high strength grout placement.
- Verified rebar as per plan and monitor placement of structural concrete.
- Structural Steel, rebar, and high strength bolting identification corresponding heat numbers with mill certificate

**Parking Structures and Multi-Family Projects:** Resident Inspector for 6 story parking structures wrapped with 5 story multi-family apartments such as: Malden Station - a 6 story parking structure with 380 apartment units on top of commercial shopping in the city of Fullerton. Orange Fair- 2, 6 story parking structures with 490 apartment units in the city of Fullerton. Beach Walk – a 6 story parking structure with 360 apartments in the city of Huntington Beach.

Duties included but not limited to:

- Research job site plans, specifications and RFI's pertaining to the job.
- Perform inspection on all rebar, post tension tendon systems and structural masonry
- Provided continuous inspection for post tension cable stressing and concrete placement
- Provided inspections on all welding and high strength bolting installation

**Irvine Unified School District:** Reinforced concrete, structural masonry, structural steel welding and bolting inspector for a new 35,000 square foot structural steel building and retro fit to existing CMU building at the Maintenance and Operations Facility.

Duties included but not limited to:

- Review plans and specifications pertaining to work being executed in the field.
- Performed inspections on welding, bolting, structural masonry and reinforced concrete
- Observe and monitor all placement of concrete
- Structural Steel, rebar, and high strength bolting identification corresponding heat numbers with mill certifications.

# David Weeding

Deputy Inspector

## LICENSES / CERTIFICATIONS

ACI Technician

ICC Reinforced Concrete

ICC Prestressed Concrete

ICC Structural Masonry

DSA Masonry

## Professional Summary

Mr. Weeding has worked for Southwest Inspection and Testing, Inc. for 5 years as a deputy inspector. David is skilled in providing inspection services for parking structures, podiums, slab-on-grades, and multi-family apartments. He holds current licenses as a Reinforced Concrete Special Inspector, Pre-Stressed Concrete Special Inspector, and Structural Masonry Special Inspector.

## Relevant Experience

**Archstone Gateway; Anaheim/Orange, CA (Archstone Smith)**—This is a high profile project that consists of several different projects. These projects include a 42-acre mixed use/podium project, two free-standing six-story parking structures, an 884-unit slab-on-grade apartment complex, a 532-unit slab-on-grade apartment complex, and a 352-unit podium structure. The podium structure consists of 4 stories above ground and two stories below ground.

Southwest Inspection and Testing's inspector has worked on various projects at the community college level. Below are a list of recent projects worked on;

1. Los Angeles Community College District (9 campuses)
2. Rancho Santiago Community College District (2 campuses)
3. Cal State Los Angeles
4. UCLA



## LICENSES / CERTIFICATIONS

-Nuclear Gauge Operator  
Certified

- Soils Inspector

## Professional Summary

Mr. Wright has been working in Southwest for more than 5 years. He has been working as a field soils technician for Various DSA, public works and commercial Projects.

## Relevant Experience

### Southwest Inspection and Testing, Inc.

- July 2014 to present

441 Commercial Way, La Habra, Ca

#### ♦ Soil / Asphalt Field Testing Technician

- ✧ Receiving and logging all soil test specimens brought to laboratory for testing analysis.
- ✧ Perform observation and compaction during backfill and excavation operation.
- ✧ Execute visual inspection on footing, retaining wall and slab on grade.
- ✧ Perform asphalt inspection and pavement testing during asphalt placement.
- ✧ Perform laboratory soil testing
- ✧ Perform compaction test for soils using sand cone method or nuclear gauges.
- ✧ Perform density test of compacted asphalt using nuclear gauges.
- ✧ Perform several test and inspection for public works and state job.
- ✧ Compaction and testing on Water Sanitation District

## Project Experience

- 1) Los Angeles Valley College
  - Soils/Asphalt Inspection
- 2) LACCD Harbor College
  - Soils/Asphalt Inspection
- 3) IUSD South Lake Middle School
  - Soils/Asphalt Inspection
- 4) LAUSD Point Fermin Elementary School
  - Soils/Asphalt Inspection

# Danny Estrada

*Special Deputy Inspector*

## LICENSES / CERTIFICATIONS

ACI Technician

ICC Reinforced Concrete

### Professional Summary

Mr. Estrada has been working for Southwest Inspection and Testing, Inc. for 12-years as a deputy inspector. Danny has experience providing inspection services for parking structures, podiums, slab-on-grades, and multi-family apartments. Currently he holds licenses as a Reinforced Concrete Special Inspector, Shear Nailing Inspector.

### Relevant Experience

**Avalon Irvine; Irvine, CA (Avalon Bay)**—This project sits on approximately 5-acres. The project contains a six-story parking structure with a wrap building. The building a four-story tall slab-on-grade structure.

**Avalon Anaheim; Anaheim, CA (Avalon Bay)**—This is a 3.5-acre project located in Anaheim, California. It is a six-story podium building with two levels of parking underneath. The project consists of 251 apartment units with 11,800 square feet of retail below.

## LICENSES / CERTIFICATIONS

ACI Technician Grade I

ICC Prestressed Concrete  
Special Inspector

Reinforced Concrete Special  
Inspector

Structural Masonry Special  
Inspector

Structural Steel and Bolting  
Special Inspector

## Professional Summary

Mr. Sundeen has been working in the special inspection arena for over 3 years.

With over 3 years of experience in the commercial reinforced concrete construction, including parking structures, bridges, structural steel building, parking structure warp apartment complexes, tilt ups and podiums. Prior to becoming a special inspector Mr. Sundeen worked as an iron worker for 24 years. As a reinforced iron worker Cole specialties include plan reading, placing and tying post-tension cables and rebar, safety supervisor and project management. Mr. Sundeen has worked both as an inspector and worker which gives him great project understanding.

## Relevant Experience

**Cambria Suites:** 12 Story Hotel in Anaheim. Performed daily inspections of decks, shear walls and columns, worked directly with site engineers to figure out issues pertaining to job progress.

**Vivante luxury apartments Costa Mesa:** Performed daily inspections of the decks, columns and shear walls, CMU walls and slab on grade, observed concrete placement and sample taking, observed all approved details and RFI's, worked directly with city inspectors and site and structural engineers.

**Lux Parking Structure Costa Mesa:** Working directly with contractors to assure quality work, observed all soil inspections for job site experience, working directly with concrete and rebar contractors to assure all work is as approved plans, this project is currently in the footings stages, currently inspecting column from ground floor.



**Newport-Mesa**  
Unified School District

Special Project Inspection Services  
Newport-Mesa Unified School District  
**RFQ #111-21**

**Materials Testing & Special Inspection Consulting Services**

## **Appendix B**

### **Southwest's Fee Schedule**



**Materials Testing & Special Inspection Consulting Services**

**Southwest's Fee Schedule for 2021**

<b>Professional Services</b>	<b>(Hourly Rate)</b>
Field Inspection (AWS, Masonry, Concrete, ACI, Shotcrete, DIA, Shop, Soils, Asphalt, Fireproofing).....	\$ 93.00
NDT (Non-Destructive Testing) Technician .....	\$ 98.00
Laboratory Manager .....	\$ 105.00
Project Manager .....	\$ 105.00
Registered Civil Engineer .....	\$ 150.00
Registered Geotechnical Engineer .....	\$ 150.00
Registered Engineering Geologist .....	\$ 150.00
Admin. Staff.....	\$ 55.00

<b>Laboratory Tests</b>	<b>(Price per Test)</b>
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**Concrete Tests (Field Made Specimens)**

6" x 12" or 4" x 8" Cylinder: Compression Strength (ASTM C39) .....	\$ 22.00
6" x 6" x 18" Flexural Beams Not Exceeding Referenced Size (ASTM C78, C293 or CTM 523) .....	\$ 30.00
Drying Shrinkage Up to 28 Days: Three 3" x 3" or 4" x 4" Bars (ASTM C157) .....	\$ 300.00

**Soils and Aggregate Tests**

Maximum Density: Methods A/B/C (ASTM D1557, CTM 216) .....	\$ 150.00
Expansion Index (ASTM D4829, UBC 18-2).....	\$ 130.00
Atterberg Limits/Plasticity Index (ASTM D4318, CTM204) .....	\$ 125.00
Collapse Potential/Index (ASTM D5333) .....	\$ 170.00
Consolidation Test: Full Cycle (ASTM 2435, CTM 219) .....	\$ 300.00
Consolidation Test: Time Rate per Load Increment (ASTM D2435, CTM 219) .....	\$ 50.00
Corrosivity Series: Sulfate, CI, pH, Resistivity (CTM 643, 417, and 422) .....	\$ 230.00
Crushed/Fractured Particles (ASTM D5821, CTM 205) .....	\$ 160.00
Direct Shear Test: Remolded/Undisturbed - Fast/Slow/Residual (ASTM D3080) .....	\$ 245.00
Durability Index: Per Method - A, B, C, or D (CTM 229) .....	\$ 210.00
Permeability test of aggregates (ASTM D2434) .....	\$ 275.00
Flat Particle and Elongated Particle (ASTM D4791) .....	\$ 45.00
Moisture and Density: Ring Sample (ASTM D2937) .....	\$ 25.00
Organic Impurities (ASTM C40).....	\$ 80.00
Potential Reactivity: Chemical Method (ASTM C289).....	\$ 485.00
Potential Reactivity: Mortar Bar Expansion Method, 14-Day Exposure (ASTM C1260) .....	\$ 700.00
R-Value: Soil/Aggregate Base (ASTM D2844, CTM 301) .....	\$ 275.00
Sand Equivalent (ASTM D2419, CTM 217) .....	\$ 100.00
Sieve Analysis Including Wash (ASTM C136, CTM 202) .....	\$ 135.00
Soundness: Sodium or Magnesium Sulfate, 5 Cycles (ASTM C88) .....	\$ 292.00
Specific Gravity and Absorption: Coarse (ASTM C127, CTM 206).....	\$ 100.00
Swell/Settlement Potential: One Dimensional (ASTM D4546) .....	\$ 105.00

**Asphalt Concrete Tests**

3/5 Point LTMD: Paraffin Coated (CA 375, 308, and ASTM D1188) .....	\$ 260.00
Abrasion Resistance/Los Angeles Rattler (CTM 211 only) .....	\$ 185.00
Bulk Specific Gravity of Compacted Sample or Core: (CTM 308 and ASTM D2726).....	\$ 45.00
Bulk Specific Gravity of Compacted Sample or Core: Paraffin Coated (CTM 308 and ASTM D1188) .....	\$ 65.00
Maximum Lab Density: Marshall (ASTM D1559 and D561).....	\$ 120.00
Maximum Lab Density: Marshall 6" Specimen (ASTM D5581) .....	\$ 120.00
Extraction: % Bitumen (ASTM D6307, CTM 382) .....	\$ 140.00
Extraction: % Bitumen and Gradation (CTM 382, ASTM D6507, ASTM D5444, and, CTM 202) .....	\$ 180.00
Fine Aggregate Angularity (AASHTO T304).....	\$ 180.00
Flat or Elongated Particles (ASTM D4791).....	\$ 180.00
Gyratory Compacted Superpave Mix Design (Excluding Aggregate Quality Tests).....	\$ 3100.00
HVEEM Mix Design (Excluding Aggregate Quality Tests) .....	\$ 2300.00



**Materials Testing & Special Inspection Consulting Services**

Index of Ret. Strength with Mix Proportion (AASHTO T282 and ASTM D4867).....	\$ 800.00
Index of Retained Strength, 24-Hour Immersion (AASHTO T282 and ASTM D4867) .....	\$ 180.00
Light Weight Particles in Aggregates (ASTM C123) .....	Quotation
Maximum Density of Hot Mix Asphalt by the Superpave Gyratory Compactor (ASTM D6925).....	\$ 280.00
Moisture Content (CTM 370).....	\$ 80.00
Open Grade Asphalt Concrete Mix Design (CTM 368) .....	\$ 1100.00
Percent Swell (CTM 305) .....	\$ 130.00
Resistance of Compacted Bituminous Mixtures to Moisture Induced Damage (Untreated) CT 371.....	\$ 1750.00
Sieve Analysis Per Aggregate Size (CTM 202, ASTM D5444 and ASTM C136) .....	\$ 80.00
Sieve Analysis with Wash (CTM 202 and ASTM D5444) .....	\$ 160.00
Specific Gravity and Absorption: Coarse/Fine (ASTM C127, CTM 206) .....	\$ 100.00

**Brick Masonry Tests**

Absorption (Boil): 1, 2 or 5 Hours (5 Required) .....	\$ 25.00
Absorption: 5 Hour or 24 Hour (5 Required) .....	\$ 30.00
Compression Strength (3 Required Per ASTM) .....	\$ 25.00
Cores: Compression .....	\$ 25.00
Efflorescence (5 Required).....	\$ 50.00
Modulus of Rupture: Flexural (5 Required Per ASTM) .....	\$ 25.00
Shear Test on Brick Cores: 2 Faces .....	Quotation

**Masonry Prisms, UBC STD 21-17**

Compression Test: Composite Masonry Prisms Up To 8" x 16" .....	\$ 115.00
Compression Test: Composite Masonry Prisms Larger Than 8" x 16".....	Quotation

**Mortar and Grout**

Compression: 2" Cubes (ASTM C109).....	\$ 22.00
Compression: 2" x 4" Mortar Cylinders (UBC STD 21-16) .....	\$ 22.00
Compression: 3" x 3" x 6" Grout samples, Includes Trimming (UBC STD 21-18) .....	\$ 22.00
Compression: Cores (ASTM C42).....	\$ 22.00
Mortar Expansion (ASTM C806).....	Quotation

**Masonry Specimen Preparation**

Cutting of Cubes or Prisms.....	\$ 35.00
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**Fireproofing Tests**

Adhesion and Cohesion Test (Field).....	\$ 85.00
Oven Dry Density (Per Sample).....	\$ 35.00

**Gunit and Shotcrete Tests**

Compression: 6" x 12" Cylinders.....	\$ 22.00
Compression: Cubes.....	\$ 22.00
Core Compression Including Trimming (ASTM C42) .....	\$ 37.50
Test Panel (3 Samples, Includes Pick up, Laboratory Coring and Preparation, Compression and Report Distribution) .....	\$ 142.00

**Reinforcing Steel, ASTM A615**

Bend Test: # 11 or Smaller.....	\$ 35.00
Sampling and Tagging (Fabricator).....	\$ 45.00
Tensile Test: # 11 or Smaller .....	\$ 45.00
Tensile Test: # 14.....	\$ 90.00
Tensile Test: # 18.....	\$ 95.00

**Special Testing/Engineering Service (prices are per hour unless noted otherwise)**

Floor Flatness (per pour).....	\$ 120.00
Rebar Locator (R-Meter/Pachometer, .....	\$ 85.00
Coring (One Man Crew, 4-hr minimum; add \$85.00 per extra person) .....	\$ 95.00
Pull Testing on Embedded Bolts, Anchors and Dowels (add 85.00 for extra person).....	\$ 95.00
Lumber Moisture Testing .....	\$ 85.00
Pyranometer (4-hr minimum) .....	\$ 85.00
Manometer .....	\$ 95.00
Ground Penetrating Radar (4-hr minimum).....	\$ 780.00





**Materials Testing & Special Inspection Consulting Services**

**Basis of Charges**

**Minimum Charges (Inspection and Technician Personnel Only)**

2-Hour Minimum: Inspector arrives at jobsite, no work to perform.  
2-Hour Minimum: 1 to 2 hours of inspection completed.

**Regular Time**

The first 8 hours worked Monday through Friday.

**Time and One-Half (All Types of Inspection)**

Any increment past 8 hours through 12 hours worked Monday through Friday and the first 12 hours on Saturday.

**Double Time (All Types of Inspection)**

After the first 12 hours worked Monday through Saturday, all day Sunday, holidays.

Holidays are New Year's Day, Memorial Day, Independence Day, Labor Day, Thanksgiving Day and Christmas Day.

**Prevailing Wage Rate Increase**

Southwest Inspection and Testing will increase its prevailing wage rates mandated by the state of California each time there is a mandatory wage increase for the specified groups and their increases.

**NEWPORT MESA UNIFIED SCHOOL DISTRICT**  
**SPECIAL INSPECTION SERVICES**  
**RFQ EVALUATION**

**Evaluation of Firms:** All responses will be scored using this evaluation sheet. A minimum score of 80% is required to qualify for the 2nd round of evaluation which includes review by a panel. Up to 10 additional points may be awarded in the second round based on subjective determination of the Firm's ability to carry out the required work. NMUSD will select the top-rated firms to be awarded the contracts for these services.

**Instructions:** Fill-in a response for each question in Sections 1-4 below. Each correlates to a required element in the RFQ Response Format.

**Firm:** Southwest Inspection and Testing, Inc

1. Location/Accessibility	Write in:	Max.
a. Firm's location - Write in city and county of headquarters or local office, whichever is closest to the District	La Habra, CA Orange County	5
2. Past Performance	Write in:	Max. Pts.
a. Identify the Firm's number of years' experience in providing services for K-12	Southwest Inspection and Testing has been providing Inspection and Testing services to K-12 schools for 25 plus years	5
b. Project listing - Identify the number of K-12 projects the Firm has worked on within last 3 years.	Huntington Park High School, Hillside Elementary School, Dena Elementary, Mendez HS Monument Sign, Hollywood HS HVAC Replacement, Drew MS Chem lab bld, Mendez HS Clinic, Huntington Park HS New Gym, Huntington Park HS New Science Bld, Monroe HS Industrial Arts Bld, Canoga HS Visual and Performing arts Theater, Portola HS Roof Cover	5
c. Project listing - Identify the number of Theater projects the Firm has worked on within last 5 years.	Canoga HS Visual and Performing arts Theater, LASW Cox Little Theater, Rancho San Joaquin MS Music Room, South Lake MS Orchestra Room Add, LAHC Theater Drama Speech, Chinese Theater Hollywood, Cinepolis Movie Vista, CA, Irvine Spectrum addition	5
d. Industry experience - Circle the type of projects the Project Team has worked on within the last 3 years (circle all that apply)	<div style="display: flex; justify-content: space-around; align-items: center;"> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; text-align: center;">K-12</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; text-align: center;">Community College</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; text-align: center;">Charter/ Private School</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; text-align: center;">Non-School District</div> <div style="border: 1px solid black; border-radius: 50%; padding: 5px; text-align: center;">Other Project Types</div> </div>	5
e. Identify the Firm's number of employees	6 engineers, 4 geologists, 65 field special inspectors, 15 laboratory technicians, 10 clerical staff, 2 field supervisors	5
3. Claims, Lawsuits, Arbitrations	Write in:	Max. Pts.
a. Identify the number allegations against the firm or any employee for any violations of law	0 allegations against the firm or employees	5
b. Identify the number of settlements or judgments involving such actions within the last five (5) years	0 settlements or judgement	5
4. Record of Past Performance	Write in:	Max. Pts.
a. Identify the number of client references from a K-12 school district included in the Response (0-3)	Christa DeBoer - ChristaDeBoer@iusd.org Cristina Cho - Cristina.cho@lausd.net Ryan Zajda - RZajda@lbusd.org	5

*I hereby certify that the above information is true and correct to the best of my knowledge.*

*By signing below, I further acknowledge that should any of the information I provide be found to be false, the Firm's Response shall be considered nonresponsive and ineligible for consideration.*

Jacob L. Godbey  
Printed Name

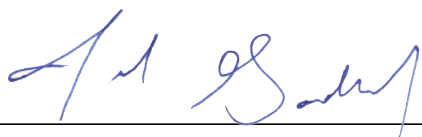
  
Signature

5/11/2021  
Date

ATTACHMENT B

**CERTIFICATION – REQUEST FOR QUALIFICATIONS**

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



**Signature**

Vice President

**Title**

441 Commercial Way  
La Habra, CA 90631

**Address**

714-526-8441

**Telephone**

5/11/2021

**Date**

Jacob Godbey

**Typed or Printed Name**

Southwest Inspection  
and Testing, Inc

**Company**

441 Commercial Way  
La Habra, CA 90631

**Address**

**Fax**

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



## ATTACHMENT C

### STATEMENT OF EXPERIENCE AND FINANCIAL CONDITION

Company Name: Southwest Inspection and Testing, Inc

(Check One): X Corporation        Partnership        Sole Proprietorship

Address: 441 Commercial Way  
La Habra, CA 90631

Telephone/FAX#: 562-941-2990

Date and State of Formation/Incorporation: Oct 30th, 1956 California Corp

Is the company authorized to do business in California? Yes

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

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

Address: 441 Commercial Way  
La Habra, Ca 90631

### FINANCIAL INFORMATION

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

	<u>2017</u>	<u>2018</u>	<u>2019</u>
California:	<u>8 Million</u>	<u>10 Million</u>	<u>11 Million</u>
Total:	<u>                    </u>	<u>                    </u>	<u>                    </u>

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

Gerald Desmond Bridge 1.6 Billion Dollars (2.7 million dollars Southwest Contract), Foshay Learning Center 53 Million Dollar (850K dollars Southwest Contract) ,

Santa Ana College Johnson Student Center 60 Million Dollars (560k dollars Southwest Contract), Portola HS 157 Million Dollars ( 500k dollar Southwest Contract)

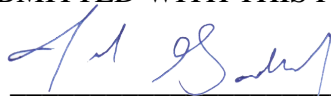
## ATTACHMENT D

### ANSWER THE FOLLOWING QUESTIONS

1. Is the company or its owners connected with other companies as a subsidiary, parent, affiliate, or holding company? ☐ Yes ☒ No If yes, explain on a separate, signed sheet.
2. Does the company have an ongoing relationship or affiliation with an equipment manufacturer? ☐ Yes ☒ No If yes, explain on a separate, signed sheet.
3. Has the company (or any owner) ever defaulted on a contract forcing a surety to suffer a loss? ☐ Yes ☒ No If yes, explain on a separate, signed sheet.
4. In the past five (5) years, has the company had any project with disputed amounts more than \$50,000 or a project which was terminated by the owner, owner's representative or other contracting party and which required completion by another party? ☐ Yes ☒ No  
If yes, explain on a separate, signed sheet. State the project name, location, owner/contact person, telephone number, contract value, disputed amount, date and reason for termination/dispute.
5. Has the company, an affiliate company, or any owner ever declared bankruptcy or been in receivership? ☐ Yes ☒ No If yes, explain on a separate, signed sheet.
6. Has the company ever had an arbitration on contracts in the past five (5) years? ☐ Yes ☒ No If yes, explain on a separate, signed sheet. State the project name, location, owner/contact person, telephone number, contract value, disputed amount, a brief description and final resolution.
7. Does the company have any outstanding liens or stop notices for labor and/or materials filed against any contracts which have been done or are being done by the company? ☐ Yes ☒ No If yes, explain on a separate, signed sheet. State the project name, location, owner/contact person, telephone number, amount of dispute, and brief description of the situation.

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

**SIGNATURE:**



**NAME:**

Jacob L. Godbey

**TITLE:**

Vice President

## **ATTACHEMENT E**

### **PROJECT REFERENCE FORM**

#### **Reference #1 - Laguna Beach Unified School District**

Ryan Zajda

550 Blumont Street, Laguna Beach, CA 92651

Office: 949-497-700 Ext. 5213

Cell: 760-815-7677

E-mail: rzajda@lbusd.org

Contract Amount: ~ \$15,000 and T&M

#### **List of Projects**

- Top of the World Elementary School (Oct. 2020 - Present)
- Laguna Beach High School - Stadium and Storage Building Project (May 2018)
- Thurston Middle School - Classroom Modernization (August 2020 - Present)

#### **Reference #2 - Los Angeles Unified School District**

Cristina Cho

333 S. Beaudry Avenue, 22nd Floor

Los Angeles, CA 90017

Tel. (213) 241-6267

E-mail: cristina.cho@lausd.net

Contract Amount: On-Call Services \$300,000

#### **List of Projects**

- LACES Magnet School Corrective ADA for Elevator Upgrade (DSA #03-116225)
- Griffith Middle School Alteration to shop Building and Auditorium (DSA #03-109853)
- Hancock Park Elementary School Corrective ADA Compliance Work (DSA #03-115138)
- Bravo Medical Magnet High School Boiler and Tank Replacement (DSA #03-116078)
- West Vernon Elementary School Interim Housing HVAC System (DSA #03-117279)
- Mount Gleason Middle School Remove and Replace Flag Pole (DSA #03-116389)
- Carthay Center Elementary School Community School Park Project (DSA #03-116181)
- Van Nuys High School Replace Bleacher (DSA #03-115967)
- LACES Magnet Elevator Upgrade

- Griffith Middle School Room Conversion
- Van Nuys Elementary School HVAC and Fire Alarm Replacement (DSA #03-116481)
- Apperson Elementary School Shade Structure Install (DSA #03-116297)
- State Street Elementary School HVAC Replacement (DSA #03-116391)
- Kennedy Elementary School - New Elevators and Site Work
- Albion Elementary School ADA - New Elevator and Site Work
- Normandie Elementary School Paving, LID and DROPS Project
- Webster Middle School Paving, LID and DROPS Project
- Hale Charter Academy Corrective Access Compliance (DSA #03-116289)
- Reseda High School Corrective Access Compliance (DSA #03-116288)
- Washington Prep High School Installation of New AC Service Road
- San Fernando HS Fire Sprinkle Reroute
- Wright Middle School Replacement of Bleachers in Gym and Barrier Removal (03-108708)
- Drew Middle School HVAC Replacement at Bldg. A & B Chillers
- Daniel Pearl Magnet High School HVAC Replacement (DSA #03-116642)
- UPPSA Drew Middle School
- Mendez High School
- Huntington Park High School

### Reference #3 - Irvine Unified School District

Joe Chapin

2015 Roosevelt , Irvine, CA 92620

Phone: 949-936-5361

E-mail: JoeChapin@iusd.org

Contract Amount: ~ \$500,000

### List of Projects

- New 2-Story Classroom Building, Northwood High School
- New Cypress Village Elementary School (K-6)
- New Portola Springs Elementary School (K-6)
- New Portola High School
- Modular Classroom Bldgs at Cypress Village Elem School
- Modular Classroom Bldgs at Portola Springs Elementary School
- Irvine High School - Walnut Street Improvements
- Woodbridge High School - Turf and Track, Athletic Field
- South Lake Middle School - Orchestra Room Addition



**ATTACHMENT F**

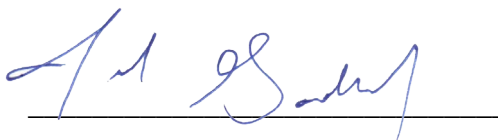
**NEWPORT MESA UNIFIED SCHOOL DISTRICT**

**REQUEST FOR PROPOSALS AND STATEMENT OF QUALIFICATIONS FOR  
SPECIAL INSPECTION SERVICES**

**STATEMENT OF NON-CONFLICT OF INTEREST**

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

Signature



Printed Name

Jacob L. Godbey

Title

Vice President

Date

5/11/2021

## ATTACHMENT G

### FIRM PROPOSAL / OFFER FORM

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

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

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

Name of Person Duly Authorized to Execute this Proposal/Offer: Jacob L. Godbey

Duly Authorized Signature: 

Title: Vice President

Date of this Proposal/Offer: 5/11/2021

Offeror Name: Jacob L. Godbey

Offeror Address: 441 Commercial Way La Habra, CA 90631

\_\_\_\_\_

Offeror Telephone: 562-941-2990

Offeror Email: jacobg@southwesttesting.com

**ATTACHMENT H**

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

**DSA Inspection Services**  
**RFQ: # 124-21**

**NONCOLLUSION**  
**DECLARATION**  
**Public Contract Code § 7106**

TO BE EXECUTED BY SUBMITTER AND SUBMITTED WITH RFQ

The undersigned declares:

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

of Southwest Inspection and Testing, Inc **[PRINT FIRM NAME]**,

The party making the foregoing Contract.

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

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

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