



Terracon Laredo Office  
615 Gale Street  
Laredo, TX 78041

Phone: (956) 284-0797  
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[www.terracon.com](http://www.terracon.com)

# Terracon

RFQ # 2020-005  
Geotechnical Testing for Webb  
County Road Projects

March 11, 2020 @ 10:00am



## WEBB COUNTY

Environmental



Facilities



Geotechnical



Materials



**Proposer Information**

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Name of Company: Terracon Consultants, Inc.  
Address: 615 Gale Street  
City and State: Laredo, TX 78041  
Phone: 956- 284-0797  
Email Address: Art.Barrera@terracon.com

Signature of Person Authorized to Sign:

*Arturo Barrera*

Signature

Art Barrera, P.E.

Print Name

Office Manager

Title

Indicate status as to "Partnership", "Corporation", "Land Owner", etc.

Corporation

3/9/2020

(Date)

**Note:**

All submissions relative to these RFQ shall become the property of Webb County and are nonreturnable.

THIS FORM MUST BE INCLUDED WITH RFQ PACKAGE; PLEASE CHECK OFF EACH ITEM INCLUDED WITH RFQ PACKAGE AND SIGN BELOW TO COMFIRM SUBMITTAL OF EACH REQUIRED ITEM.

RFQ # 2020-005  
"Geotechnical Testing for Webb County Road Projects"

- Proposer Information
  
- A minimum of five (5) references with whom the firm has performed substantially similar services described in this document.
  
- Conflict of Interest form (Form CIQ)
  
- Certification regarding Debarment (Form H2048)
  
- Certification regarding Federal lobbying (Form 2049)
  
- Code of Ethics Affidavit
  
- Proof of No Delinquent Tax Owed to Webb County

  
\_\_\_\_\_  
Signature of person authorized to sign RFQ

3/9/2020  
Date



- A. Firm must demonstrate extensive knowledge of material testing for soil, gravel, asphalt and other related roadway material tests.

### TERRACON COMPANY PROFILE

Terracon is permanently established to conduct business in Laredo, Webb County, Texas. The Laredo office, located at 615 Gale Street, Bldg. B., Laredo, Texas 78041, has been in operating since 2000. Currently, we have a staff of 6 in our Laredo office including 2 Professional Engineers (PE) and 2 Engineers In Training (EIT). We can draw from our staff of 125 in San Antonio, which includes 12 P.E.s and 4 Professional Geologists (PG), licensed in the State of Texas, for supplemental help as needed. We can also draw resources from Austin, Houston, Pharr or any of our 140 offices located in various states.

With over 55 years of proven success, we deliver quality, responsive and cost-effective services, regardless of project size or complexity. Terracon has provided geotechnical engineering and construction materials testing services in South Texas for more than 25 years and provides these services on thousands of projects each year. We continually strive to provide our services on a timely basis with consistently high value and attention to client needs. With over 21 years of proven local success, we deliver quality, responsive and cost-effective services, regardless of project size or complexity. With these resources, Webb County can be assured that your projects will receive the prompt and professional attention they deserve. Terracon has demonstrated our commitment to providing professional services to Webb County since 2004. We continue to add staff and related resources (equipment and vehicles) to serve the needs of our Laredo clients. Our staff is very familiar with geologic conditions in Laredo, and we have worked with virtually all of the contractors in the area. We have a proven track record of successfully meeting the needs of municipalities by providing responsive, cost effective solutions.

**Our Goal:**  
To help you deliver a project that you can be proud of tomorrow and 30 years from now.



### LAREDO OFFICE

- Fully equipped office with approximately 3,400 square feet to test aggregates asphalt, soil, concrete mortar and grout.
- Compression machine for testing concrete, concrete masonry units (CMUs), mortar and grout. Specimens are cured in water tanks in our 440 square feet curing room.
- Nuclear density gauges and sand cone equipment for use on soils and asphalt.
- Air meters to determine air content in concrete.
- Our Technicians wear company shirts that identify them with their names and drive clearly marked company pickups.
  - The Laredo office has 6 company trucks that are fully equipped with GPS tracking systems.
- Our technicians are equipped with cellular phones for dispatching purposes and for communications with clients. They can be contacted after hours and weekends.
- Our technicians are equipped with laptops for electronic data collection and reporting
- Floor profile measuring device (Face Dipstick).



- Hilti ferroscons that can identify conduits, rebar and tendons up to 12 inches deep in concrete.

### KNOWLEDGE OF GEOGRAPHICAL AREA

Terracon has been operating in Laredo and surrounding areas since 2000, our firm has an excellent knowledge of Laredo, and the local contractors and regulatory agencies. We achieve an above standard level of professionalism in the industry. Allowing dedication to the project and our professionalism to be our guide, we know that our staff will complete Webb County's project with quality and integrity.

The project managers and support staff proposed for this project have worked with Webb County before as well as working with similar clients, such as the City of Laredo project management staff, providing materials testing, geotechnical and environmental services since 2005 and we have been providing similar services to the local school districts, TAMU, Texas Department of Transportation, the US Border Patrol/Homeland Security Administration, and numerous local property management and development clients.

We are very aware of the vibrant nature of the Laredo economy and have enjoyed participating in the unprecedented growth the area has enjoyed in the past few years. We have assembled a project team which is appropriately trained, licensed, and equipped, and we are prepared to continue to deliver responsive, cost-effective services to Webb County.

Terracon offers a unique mix of professional staff and experienced technicians that are familiar and comfortable working with both private and public sector clients. In other words, we can bring our services with ***no learning curve***, a proven record of accomplishment and history of excellent performance to Webb County. Terracon services will meet all requirements and requests as defined by Web County.

### Terracon has provided services on the Webb County projects noted below for the Engineering Department:

- Proposed Water Dispenser Station
- USDA Quarantine and Tick Eradication Facility
- La Presa Park Athletic Improvements and Playground
- Webb County Buenos Aires Community Center
- Lake Casa Blanca Dam-Slope Stability Analysis
- Bruni
- Casa Blanca Dam Site Assessment
- New Community Center
- Rio Bravo Drainage Channel
- Girls Scouts Paisano Council
- Veteran's Coalition - 413 San Bernardo
- Webb County Youth Village
- Rancho Penitas
- New Community Center
- Former Dipping Vat Affected Property Assessment
- Former Dipping Vat Phase II
- Former Dipping Vat Site
- Soil Sampling & Analysis
- Former Dipping Vat
- Saint Augustine High School, Phase I and II
- 18.1-Acre Tract
- Webb County Youth Village
- 204M3076A-Webb County

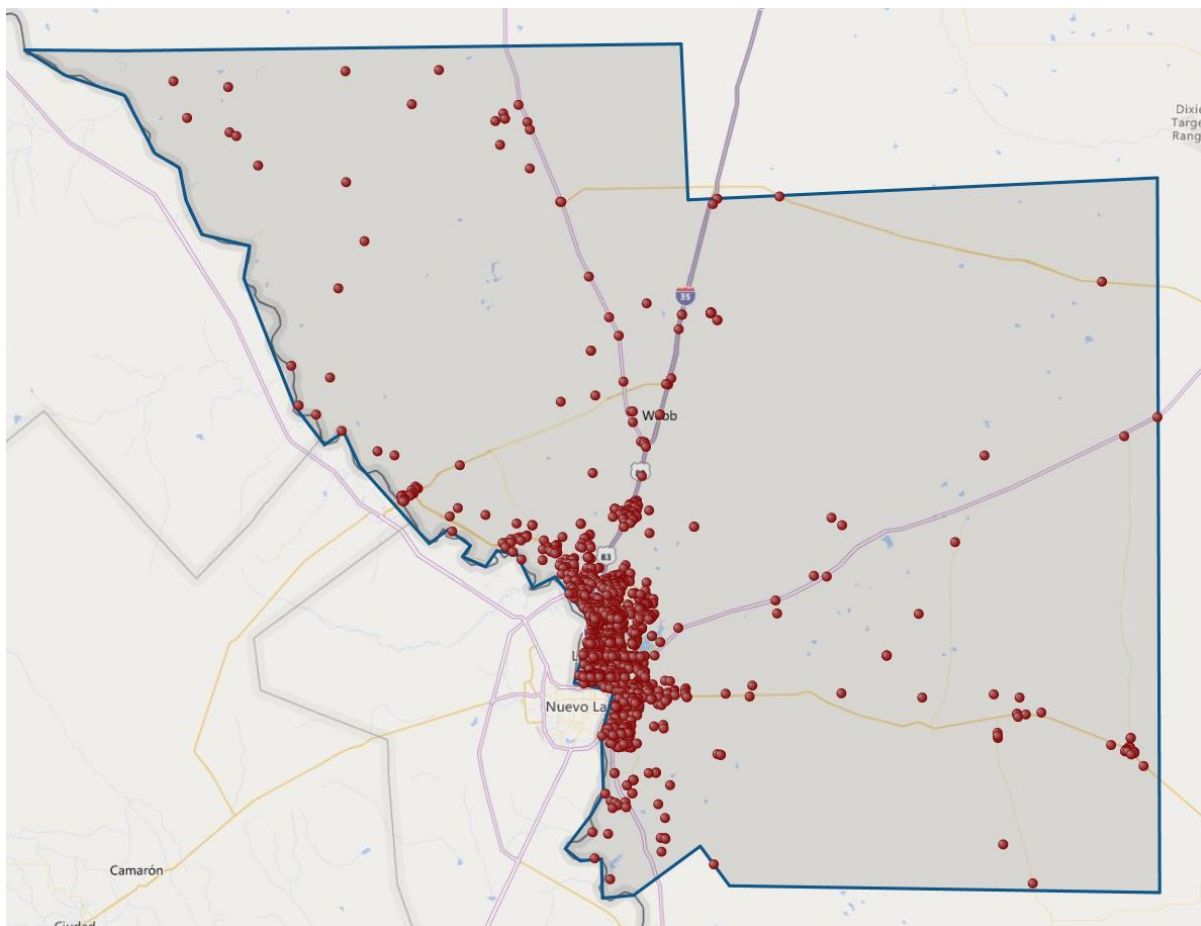


## TERRACON'S GIS PROJECT SYSTEM

Our clients don't have to worry about Terracon's knowledge of the site conditions in our local areas. We've not only been delivering projects locally to Webb County for more than 20 years, but we've also been systematically recording our footprint using our project databases and a Geographic Information System (GIS) Project Query system. The fact that we can pull up reports on past projects makes it convenient for our clients to work with us because we are able to avoid a wide variety of potential site issues because of this system. The GIS Project Query system queries and displays projects on either a street or aerial map based on their latitude and longitude values. This allows the user to graphically determine which projects Terracon has worked on near a specific location.

In practical terms this means that if we have previously don't work close to your site, we can easily retrieve soil and groundwater information to effectively inform you and develop a more focused proposal. This translates to savings for you by potentially reducing, perhaps, the depth or number of borings, type of drilling, or turnaround time for the report. Strategic use of this data helps to develop preliminary information to help efficiently guide the early stages of the project. We not only know the site conditions, but the building officials, regulators and stakeholders involved in case there are problems associated with the site.

As demonstrated by the figure below (showing only our geotechnical projects in Webb County since 2005), we have performed **more than 530 geotechnical projects throughout the county**—and these are just a small sample of our data from the region.





## LOCAL AREA CONSTRUCTION PRACTICES

Construction practices that are typical for a geographic area generally result in more competition from contractors and a better end result for Webb County and users. Having said that, in some cases it makes sense to try something different and innovative in order to advance the state of the practice and, in the long run, reduce costs and improve quality of the completed project.

Given our long-term experience with local projects, we are well versed on the design and constructability related to many aspects of construction including:

- Subgrade improvements (lime, cement, asphalt emulsion)
- Design using geogrids and other pavement interlayers
- Pavement materials (reused, recycled, new)
- Subsurface interceptor drains
- Shallow (footings, slab on grade) and deep (drilled piers on the casing and/or slurry) foundations.
- Utility trenches (backfill and provisions for loss of fines)

Working closely with the contractor, we can help talk and think through sequencing of construction to help reduce costs, shorten schedules and maintain quality.

## GEOTECHNICAL ENGINEERING SERVICES

Design and construction of functional, cost-effective structures require a thorough understanding of local soil, rock, and groundwater conditions. Terracon provides a wide range of services to support all phases of a project, from preliminary design through completion of the building process.

Each local Terracon office, with access to the extensive geotechnical experience and expertise of engineers, geologists, and soils technicians throughout our company, can help to assess the risks associated with subsurface conditions. We participate as a vital member of the project team, focusing on project objectives and using innovative technologies to provide practical design recommendations. Our culture, systems, and structure enable us to excel at both small and large projects.

Our geotechnical services include:

- Subsurface exploration and testing
- Foundation analysis and design
- In-situ testing and performance monitoring
- Earth structures, slopes, and retention systems
- Dynamic analysis and evaluation
- Soil stabilization and ground improvement
- Groundwater control
- Pavement design and subgrade evaluation

With more than 350 geotechnical engineers and one of the largest drilling fleets in the country, Terracon is well positioned to deliver quality, responsive, and cost-effective geotechnical engineering services, regardless of project size. Terracon provides geotechnical services on nearly 15,000 projects every year.





## AVAILABLE GEOTECHNICAL ENGINEERING RESOURCES

Should our local staff need additional internal expertise, we will engage our network of Terracon resources which allows us to provide services from beginning to end. Terracon operates a fleet of over 100 drill rigs nationwide and a variety of in-situ tools, including the pressuremeter and earth electrical resistivity testing both available in the Laredo office. We also use subcontract drillers when dictated by project schedule.

In addition to the requested geotechnical services, Terracon offers expertise in seismic, electromagnetic (EM), resistivity, infrared and down-hole geophysics, as well as construction related non-destructive testing. Geophysics is non-destructive, inexpensive and an efficient aid to projects and provides a greater level of confidence in the final report.

Terracon uses the latest software for various applications. In addition to Microsoft Office, AutoCAD, and MicroStation, the following licensed software packages may be applicable and are available for use on this project:

**LPile:** LPile is considered the industry standard program for the analysis of laterally located piles and drilled shafts using a p-y deflection model. We use version 6.0 on a regular basis to provide soil parameters for lateral design of foundations.

**gINT:** gINT provides a convenient and flexible method of soil boring log generation, as well as data presentation, such as subsurface profiles and data plots.

**Volflo:** Volfo provides the necessary geotechnical input parameters for the design of post-tensioned slabs. Volfo determines the vertical movement of the soil surface due to unsaturated moisture flow, the edge moisture penetration distance, effects of moisture barriers; both vertical and horizontal and allows input of differing soil layers and customized soil suction profiles.

**SLOPE/W:** SLOPE/W is a powerful slope stability analytical package. It can be used to analyze complex slope geometries, soil properties, heterogeneous slope conditions, external loadings, and complex groundwater conditions. SLOPE/W is the leading slope stability CAD software product for computing the factor of safety of earth and rock slopes.

## TERRACON LABORATORIES

Terracon operates *geotechnical* and *materials* laboratories throughout the nation that are equipped to perform a wide variety of tests on soil and bedrock materials. Our laboratory meets the requirements outlined in the American Society for Testing and Materials (ASTM) E 329 Standard and is accredited to work on TxDOT and Local Area Management (LAM) projects (see certifications on following pages). Terracon complies with established national and industry standards and maintains an in-house quality assurance program to make certain that the firm provides quality services and accurate testing. Terracon is regularly inspected by the National Institute of Standards and Technology through the AMRL (AASHTO Materials Reference Laboratory) and CCRL (Cement and Concrete Reference Laboratory) accreditation programs. The U.S. Army Corps of Engineers validates our laboratory by reviewing these inspections. Terracon performs following field and laboratory testing/inspection services:

### Soils

- Soil classification
- Moisture-density relationships
- In-place density
- Subgrade stabilization: lime, cement, fly

### Aggregates

- Gradation analysis
- Specific gravity
- Absorption
- Abrasion





- ash, geotextiles, and geogrids
- Bearing strata evaluation for footings
- Deep foundations: drilled and driven piles, drilled piers

#### **Concrete**

- Mix designs and trial batches
- Batch plant and placement evaluations
- Cylinder and beam testing
- Rebar location, ultrasonic testing, Windsor probe and V-meter
- Portable laboratory facilities
- Chloride ion content
- Rapid chloride ion permeability
- Maturity meter evaluations
- Half cell corrosion measurement
- Diamond bit coring

#### **Masonry**

- Block prism tests
- Mortar and grout mix design
- Block shrinkage

#### **Bituminous Mixtures**

- Mix designs
- Batch plant calibration
- Field observation and testing of asphaltic concrete pavements
- Density determination: in-place nuclear density and core density
- Marshall and Hveem test properties
- Percent asphalt content
- Gradations

- Soundness
- Deleterious materials
- Freeze-thaw
- Acid Solubility

#### **Flexible and Rigid Pavements**

- Nondestructive testing with heavy weight deflectometer and ground penetrating radar
- Pavement condition index (PCI) distress surveys
- Subgrade assessment
- Street acceptance testing

#### **Structural Steel**

- Fabrication shop inspection
- Erection observation and testing
- Field testing of structural steel connections
- Nondestructive testing: dye penetrant, ultrasonic, magnetic particle
- Bolt tension testing
- Procedure qualification, welder qualification

#### **Asphalt**

- Optimum mix design through superpave, marshall, and hveem test methods
- Laboratory testing of aggregate properties, extraction, and gradation

#### **Other Specialties**

- Video, bore scope evaluations
- UBC "Special Inspections"
- Data analysis/interpretation
- Specification preparation
- Failure/damage evaluation

### **SAFETY**

Safety is one of Terracon's core values and our commitment to an "Incident and Injury Free (IIF)" philosophy is one of the pillars of our culture. Successful execution and delivery includes the need to work safely and keep our employees and the public safe every day. Terracon is very much a safety-oriented company. We strive to build health and safety into all aspects of our business and into the thinking of our employees. The culture is continued further in our everyday work culture, with all meetings beginning with an IIF moment and safety discussion. Having these values will be a beneficial asset for Webb County.

### **Pre-Task Planning**

Terracon views pre-task planning as the most proactive activity that we can do to maintain an Incident and Injury Free workplace. It is required from the very beginning when preparing a proposal and starting projects, as well as when we assign work and execute tasks throughout the day. Employees at all levels have the responsibility for ensuring Pre-Task Planning is done effectively. We ask all our employees prior to doing a task, to take time to review how you will do the task safely, determine if the work conditions are what you expected to do the job safely, and repeat Pre-Task planning prior to starting any new task. In addition, our project managers discuss and address site specific safety considerations and concerns on our projects with not only our project and field staff but also through regular communication with our clients and their project team so as to understand their safety concerns and requirements as well.



- B. Firm must demonstrate its applicable experience by listing at least five material testing road projects completed within the last three (3) years.

**PROJECT 1: WCCL RMA Los Presidentes Project from Loop 20 (Cuatro Vientos) to Concord Hills – Webb County, Texas**

*Dates: 1/2020 – Ongoing*

Terracon was retained to provide geotechnical engineering services for the design and construction of the Los Presidentes Road project which consists of which is a new location roadway that extends from Loop 20 South (Cuatro Vientos) to Concord Hills within the City of Laredo City Limits for a total distance of 3,150 LF. The roadway is classified as a modified major arterial. The roadway will consist of four (4) travel lanes, a median, curb, sidewalk, and dedicated bicycle lanes on both sides of the roadway in a 100' ROW. Geotechnical services will include drilling and sampling. It is estimated seven (7) soil/rock borings will be required. Samples of the encountered earth materials will be obtained, and groundwater observations will be made and recorded during the drilling operations. Terracon will conduct a brief visual condition survey of the existing pavements in Loop 20 and Concord Hills. Traffic control measures will be implemented during drilling activities that are anticipated to include partial lane closures in TxDOT ROW. Terracon will characterize the subsurface soils in accordance with their physical and engineering characteristics and provide and engineering Analysis and Report of the field and laboratory programs results. The report will include the following:

- Describe and assess the site and general soil conditions encountered
- Computer generated boring logs with soil stratification based on soil classification.
- Summarized laboratory data.
- Groundwater levels if observed during and after completion of drilling.
- Boring location plan.
- Subsurface exploration procedures.
- Provide appropriate site preparation, fill, backfill and placement criteria necessary to construct the Project
- CBR test results
- Recommendations for flexible pavements using AASHTO design procedures for pavement materials, thicknesses and related construction requirements. Asphalt Pavement Design Recommendations will account for 3M ESAL count for the proposed arterial road, 1M ESAL count for the proposed major collector road (Concord Hills), and asphalt design parameters for TxDOT accelerate / decelerate lane. Pavement design alternatives must also consider benefits of including or excluding subgrade stabilization

**REFERENCE CONTACTS:**

**HNTB**

Antonio Rodriguez

Address: 715 Kirk Drive, Kansas City, MO 64105

Phone: 8164721201 | Email: anrodriguez@hntb.com

**Crane Engineering**

Edward Garza, P.E., CFM | President

Address: 1310 Junction Drive, Suite B, Laredo, TX 78041

Phone: 956-712-1996 | Email: eddie-crane@sbcglobal.net

*\*please refer to the following page for reference letter.*



*Edward D. Garza, P.E., CFM  
President  
Alfredo Martinez, P.E., CFM*

February 25, 2020

Mr. Juan Guerrero  
Contract Administrator  
Webb County Purchasing Department  
1110 Washington Street, Suite 101  
Laredo, TX 78040

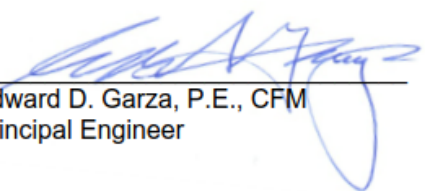
**Re: Reference Statement for Terracon Consultants, Inc.  
Webb County RFQ # 2020-005  
Geotechnical Testing for Webb County Road Projects**

Dear Mr. Guerrero,

Crane Engineering has maintained a professional business relationship with Terracon for several years. In addition, when asked, Terracon's fieldwork and reporting has always been completed in a timely and professional manner, efficiently utilizing fully qualified resources within proposed budgets. Terracon has been a valuable resource to our project team on multiple road projects including EG Ranch Road and WCCL RMA Los Presidentes Arterial Project from Loop 20 (Cuatro Vientos) to Concord Hills by providing knowledgeable and professional guidance to ensure successful project delivery.

Sincerely,

**CRANE ENGINEERING CORP.**  
Firm # F-3353

  
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Edward D. Garza, P.E., CFM  
Principal Engineer



## **PROJECT 2: Foster Road Widening – Bexar County, Texas**

*Dates: 6/18 – 11/19*

Terracon was retained to provide geotechnical engineering services for the design and construction of the widening of approximately 2.0 miles of Foster Road from US Hwy 87 to FM 1346. Two lanes were added to the existing roadway. Each lane is 12 feet wide with 6 feet paved shoulders on both sides. The reconstructed roadway was designed based on City of San Antonio (COSA) specifications for street design and is classified as an “Arterial Street.”

Terracon provided a geotechnical report that described the subsurface conditions observed at the bore locations drilled for this study, analyzed and evaluated the test data, and provided recommendations with respect to subsurface soil conditions, groundwater conditions, earthwork, pavement design and pavement construction services. A total of 15 borings were drilled and analyzed along the alignment for this project.

### **REFERENCE CONTACT:**

#### **Stantec Engineering**

Mason Liebau

Address: 70 NE Loop 410 Ste 1100, San Antonio, TX

Phone: 210-525-9090 | Email: Mason.Liebau@stantec.com

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## **PROJECT 3: North Evans Road Improvements – Selma, Texas**

*Dates: 12/18 – 3/19*

Terracon was retained to provide geotechnical engineering services for the design and construction of the reconstruction of Evans Road from the RR tracks north of the Lookout Road intersection to the I35 corridor in Selma, Texas. The reconstruction of the proposed road was designed based on City of San Antonio (COSA) specifications for street design and was classified as a Secondary Arterial Type A. The geotechnical described the subsurface conditions observed at the bore locations drilled for this study, analyzed and evaluated the test data, and provided recommendations with respect to: subsurface soil conditions, groundwater conditions, earthwork, pavement design and pavement construction. The subsurface conditions at the site were explored by drilling 14 soil borings to depths of about 8 feet below existing grade.

### **REFERENCE CONTACT:**

#### **KSA Engineers**

Michael Shangreaux, EIT

Address: 140 E Tyler St Ste 500, Longview, TX

Phone: 512-342-6868 | Email: mshangreaux@ksaeng.com



## **PROJECT 4: Watson Road Widening – San Antonio, Texas**

*Dates: 11/16 – 5/17*

Terracon was retained to provide geotechnical engineering services for the design and construction of the widening of a 0.6-mile segment of Watson Road. The roadway was constructed per the TxDOT construction code. Additionally, the existing culvert at the intersection of Watson Road and Somerset Road was replaced. Four (4) borings to depths of about 15 feet each within the existing and proposed roadway and one (1) boring to a depth of about 25 feet near the culvert location. Sampling and testing were performed in general accordance TxDOT guidelines using Texas Cone Penetrometer (TCP). The geotechnical described the subsurface conditions observed at the bore locations drilled for this study, analyzed and evaluated the test data, and provided recommendations with respect to: subsurface soil conditions, groundwater conditions, earthwork, California Bearing Ratio (CBR) Test Results and Texas Triaxial Compression Test Results.

### **REFERENCE CONTACT:**

#### **City of San Antonio c/o Civil Engineering Consultants (CEC)**

Julio Ramos, P.E., P.T.O.E.

Address: 11550 IH 10 W, Suite 395, San Antonio, TX

Phone: 210- 641-9999 | Email: jramos@cectexas.com

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## **PROJECT 5: Reconstruction of Glenarm Road Phase I & II – San Antonio, Texas**

*Dates: 4/17 – 5/18*

Terracon was retained to provide geotechnical engineering services for the design and construction of two phases for the reconstruction of Glenarm Road. Phase 1 of the reconstruction consisted of approximately 615± linear feet long and 30 feet wide. The reconstruction included pavement, curbs, sidewalks and utilities associated within the street. Phase 2 consisted of two areas of Glenarm Place being considered for reconstruction. The 200 block is residential and is asphalt pavement, for approximately +/- 600 linear feet. The portion of the 100 block that is in this project is commercial and is concrete pavement, for approximately +/- 200 linear feet. The City of Balcones Heights follows the City of San Antonio (COSA) specifications for street design. The street was classified as a “Local Type A without bus traffic.” However, Terracon was requested to provide a section for “Local Type A with bus traffic.” The geotechnical described the subsurface conditions observed at the bore locations drilled for this study, analyzed and evaluated the test data, and provided recommendations with respect to: subsurface soil conditions, groundwater conditions, earthwork, pavement design and pavement construction.

### **REFERENCE CONTACT:**

#### **City of Balcones Heights c/o Slay Engineering**

Rodger Lawhead

Address: 123 Altgelt Avenue, Suite 210, San Antonio, TX 78201

Phone: 210-734-4388 | Email: rlawhead@slayengineering.com



- C. Firm must demonstrate its proposed team of qualified, experienced staff members that will be involved with this project. Proposed team members must have been involved in the projects outlined in Section B above. The firm must also demonstrate its capability to successfully execute the project without the employment of sub-consultants or outside team members.

All team members resumes that are included are the following pages were involved in the projects noted in Section B. Please refer to their resumes for additional information on their qualifications and project experience working on similar road projects for municipalities.

The scope of work that Webb County is requesting is precisely the scope of work that Terracon performs on a daily basis for many of our municipal clients. Our typical project duration ranges from a few days to many months, dependent upon our clients' needs. As a result, we are on a consistent cycle of working through and closing out our current projects making us ready for our next assignment. Our clients may assign us one site at a time, or they often assign us a portfolio of multiple sites. Multiple-site projects are generally made up of several small to medium-sized projects, with the Project Managers assigning staff as appropriate so that each project is staffed by qualified personnel trained for the requirements of that specific project. This business model has allowed Terracon to develop the capability to meet workload demands as we excel in our execution of projects such as those anticipated by Webb County.

Terracon assigns seasoned Project Managers to oversee work assignments such as those proposed by Webb County. These Project Managers are experienced and have demonstrated the ability to manage multiple jobs. They assist the client in identifying and resolving potential conflicts and assembly and material compatibility issues, thereby reducing change orders and warranty issues. The Project Managers are dedicated to serving the client's needs in a conscientious and ethical manner. Terracon's extensive resources are available for the successful performance of Webb County's need for Geotechnical Engineering Services for road projects.

Terracon is ready and eager to assist Webb County in achieving its goals by providing the following:

- **TEAM Approach** - Terracon proposes to function as an extension of Webb County's organization. This TEAM-oriented concept will allow us to interact with other outside firms as well as the Webb County. Terracon will act as a liaison between Webb County and the many architects, engineers, contractors and other professionals involved in the projects.
- **Staff Qualifications** – Terracon will supply qualified and certified professionals under the direct supervision of Professional Engineers licensed in the State of Texas for all Webb County projects. The primary charge of a Professional Engineer is to protect the public health, safety and welfare above all other interests, and we believe that Webb County shares this belief.
- **Staffing and Responsiveness** – Terracon will adjust the number of staff members assigned to the projects to correspond with Webb County's needs; however, Terracon will maintain continuity in our staff in order to preserve project knowledge and procedures



## Arturo R. Barrera, JR., P.E., PMP

### OFFICE MANAGER/ LOCAL CONTRACT LIAISON

#### PROFESSIONAL EXPERIENCE

Mr. Barrera is a bilingual Office Manager (Spanish, English) in Terracon's Laredo Office and has over 30 years of Engineering, Procurement and Construction (EPC) experience which include planning, estimating, scheduling, Safety and Quality Assurance. Mr. Barrera's responsibility at Terracon Laredo Office will be to plan, organize, direct and coordinate all office activities (administrative and technical). This includes general profit/loss management practices, employee supervision, project management, client relations and development, new business development and contract administration. Experience includes nuclear facility renovations; high explosive pressing facilities; high pressure fire systems; rocket launch facilities; US Embassy renovations and security upgrades; wireless and fiber optic telecommunication; telecommunication switch centers; 100 meter towers; aircraft technical support facilities; administrative; runways; emergency power generation plants; and military records / archive storage. Managed direct hire and subcontract work force. Direct experience with multi-project execution; Earned Value Management, Project Controls (planning, scheduling, project costs and reporting); permitting and leasing; and Risk Management.

Mr. Barrera had oversight of a Concrete Masonry Unit testing laboratory in Saudi Arabia; foundation soils studies required for 100 meter towers in Venezuela; asbestos abatement on four (4) old DOE facilities in Amarillo, TX; and air quality power generator operating permits in Sacramento, California.

#### PROJECT EXPERIENCE

##### WCCL RMA Los Presidentes Project from Loop 20 (Cuatro Vientos) to Concord Hills – Webb County, Texas

Contract manager for the geotechnical services provided for the design and construction of the Los Presidentes Road project which consists of which is a new location roadway that extends from Loop 20 South (Cuatro Vientos) to Concord Hills within the City of Laredo City Limits for a total distance of 3,150 LF. The roadway is classified as a modified major arterial.

##### On-Call-Construction-Contract – US

Program Manager with direct responsibility for the execution and contract administration of the "On Call Construction Program" for the Air Force Space Systems division which provided for a full service construction capability for unique, rapid response, turnkey projects of a high priority classified nature in various part of the US. Client awarded 99% award fees in two years for outstanding performance. **[\$48M]**

##### Director of Operation & Maintenance – Laughlin AFB, TX

Managed a 300 person work force responsible for the maintenance, repairs and construction necessary to operate a U.S. Air Force Base. Infrastructure included 603 housing units, 250 support facilities, a small hospital, water treatment plant, a sewage plant to include oxidation ponds, electrical power stations, streets, HVAC systems and all related equipment necessary to support said infrastructure. **[\$100M]**.

#### EDUCATION

Master of Arts, Management, 1987,  
Webster University at San Antonio,  
Texas

Bachelor of Science, Civil  
Engineering, 1968, Texas A&M  
University, College Station, TX

#### REGISTRATIONS

Licensed Professional Engineer:  
Texas, No. 63702

Project Management Professional  
(PMP):

#### AFFILIATIONS

Texas Society of Professional  
Engineers, Gateway Chapter  
National Society of Professional  
Engineers

#### WORK HISTORY

Terracon Consultants, Inc., Office  
Manager 2014 – Present

KBR, Inc., Sr Project Controls & Risk  
Manager 2007 - 2012

Bechtel, Inc., Project Manager 1997 –  
2007

Brown & Root, Inc., Project Manager  
1988 – 1997

USAF Civil Engineering Officer 1968 -  
1988



**Mike Ghazawi, P.E.**  
**GEOTECHNICAL DEPARTMENT MANAGER**

**PROFESSIONAL EXPERIENCE**

Mr. Ghazawi is located in the San Antonio office and has over 28 years of experience in geotechnical engineering, project and construction management, geotechnical design, inspection of deep and shallow foundations, exploration for commercial, industrial, residential, and governmental projects. Mr. Ghazawi professional experience includes the evaluation of pile or pier foundations for lateral, compressive and tension loads; conducting roadway soil surveys for the design and improvement of new and existing roadways; performing geotechnical evaluations for residential and commercial structures to evaluate structural damage to the properties; performing geotechnical investigations to provide site preparation, pavement and foundation recommendations.

**PROJECT EXPERIENCE**

**WCCL RMA Los Presidentes Project from Loop 20 (Cuatro Vientos) to Concord Hills – Webb County, Texas**

Authorized Project Reviewer for the geotechnical services provided for the design and construction of the Los Presidentes Road project which consists of which is a new location roadway that extends from Loop 20 South (Cuatro Vientos) to Concord Hills within the City of Laredo City Limits for a total distance of 3,150 LF. The roadway is classified as a modified major arterial.

**Riverhill Loop Widening - Laredo, Texas**

Authorized Project Reviewer for the geotechnical services provided for the design and construction of about 900 LF of road widening. Roadway consist of flexible pavement sections. Water distribution and sanitary sewer collection lines consisted of PVC pipes. Sanitary sewer manholes consisted of concrete or fiber-glass material.

**Building “C” Bridge of the Americas - Laredo, Texas**

Mr. Ghazawi was the geotechnical engineer for the new Building “C” at the Bridges of America, debris and fill materials were encountered during site excavation near Building “C”, develop geotechnical engineering recommendations and guidelines for use in preparing appropriate design and related construction documents for foundations, and building pad planned for this project.

**City of Laredo and Webb County - Laredo, Texas**

Mr. Ghazawi was the project engineer, field and laboratory quality control testing during construction of public works projects, including asphalt and concrete pavements, sanitary sewer and water lines, and wastewater treatment plants and lift stations. Mr. Ghazawi performed geotechnical and foundation studies.

**Laredo International Airport - Laredo, Texas**

Mr. Ghazawi was the project engineer, field and laboratory quality control testing during construction of general aviation aprons, runway and taxiway. Mr. Ghazawi provided assistance to Project Manager in supervision of field technicians providing materials testing, including soils, cemented treated base and concrete. Mr. Ghazawi provided consulting for interpretation of FAA specifications, and recommended laboratory testing in compliance to project requirements. Performed geotechnical and foundation studies and assisted the Project Manager in any construction related issues.

**EDUCATION**

Texas A & M University at Prairie View, B.S. in Civil Engineering, 1990

University of Texas at San Antonio, M.S. in Civil Engineering, 2001

**REGISTRATIONS**

Professional Engineer: Texas, No. 90139

**CERTIFICATIONS**

TxDOT: 14.1.1; 14.2.2; 14.3.3

**AFFILIATIONS**

American Society of Civil Engineers

Association of Soil and Foundation Engineers

**WORK HISTORY**

Terracon Consultants, Inc., 2004-Present

Drash Consulting Engineers, Inc. a Terracon Company ,San Antonio/Laredo, Texas 2001 – 2004

PSI – San Antonio, Texas, Department Manager, 1999 – 2001

Drash Consulting Engineers, Inc., San Antonio, Texas, Project Manager, 1994 – 1999

HTS, Inc., Houston, Texas, Project Engineer, 1990 - 1994





## Gregory Stieben, P.E., D.GE.

### SENIOR CONSULTANT / SENIOR ASSOCIATE - GEOTECHNICAL DEPARTMENT

#### PROFESSIONAL EXPERIENCE

Mr. Stieben has over 39 years' experience in geotechnical engineering consulting services. He has experience in geotechnical engineering which includes new highways, bridges, embankments, railroad bridges, roadway widening projects, and new highway alignments. Highway projects have been performed for transportation agencies, municipalities, and private developers. His technical expertise includes driven pile and drilled shaft bridge foundations, earthen embankments, cast-in-place retaining walls, drilled shaft secant walls and mechanically stabilized earth abutment walls.

#### PROJECT EXPERIENCE

##### **Bexar County Watson Road Phase I – San Antonio, Texas**

Senior consultant for the geotechnical services provided for the widening of a 0.6 mile of Watson Road. Additionally, the existing culvert at the intersection of Watson Road and Somerset Road will be replaced. The roadways will be constructed per the TxDOT construction code.

##### **Reconstruction of Ten Streets – Universal City, Texas**

Senior consultant for the geotechnical services provided for the reconstruction of 10 streets in Universal city. Terracon provided our client information on the existing pavement thickness and soil conditions to reconstruct the proposed ten streets prior to construction.

##### **City of Terrell Hills Street Evaluation – Terrell Hills, TX**

Geotechnical consultant for evaluation of the existing condition of the streets. Helped develop the Pavement Condition Index (PCI) for the entire network of 32 miles within the city limits. Provided recommendations for reconstruction, rehabilitation and repairs.

##### **Quail Run Pavement Design – San Antonio, Texas**

Geotechnical Senior Consultant for a new residential street for Unit 3 in the Quail Run Subdivision. Terracon designed a new pavement section based on the City of San Antonio design criteria and requirements. Services consisted of earthwork, subsurface soil conditions, groundwater conditions, pavement construction and pavement design.

##### **Foster Road Widening – San Antonio, TX**

Senior consultant for the geotechnical services provided for the widening of approximately 2.0 miles of Foster Road from US Hwy 87 to FM 1346. Two lanes will be added to the existing roadway. Each lane will be 12 feet wide with 6 feet paved shoulders on both sides. The reconstruction of the roadway was designed based on COSA specifications.

##### **Cedarhurst Drainage and Pavement Reconstruction – San Antonio TX**

Authorized Project Reviewer for the geotechnical services provided for the reconstruction of the existing roadway. A 5-foot sidewalk was added to each side. A 60-inch-diameter sewer line and a 8- by 5-ft box culvert on the order of 10 to 15 feet deep and proposed drainage channel was deepened to about 10 feet. Reconstruction of the roadway is to be designed based on COSA specifications.

##### **Aviation Boulevard Reconstruction – Universal City, TX**

Senior consultant for the geotechnical services provided for of about a 1-mile segment of Aviation Boulevard between Houston Drive and Aztec Lane. Subsurface conditions were explored by drilling 8 borings.

#### EDUCATION

Master of Science,  
Geotechnical Engineering,  
University of California at Berkeley,  
1981

Bachelor of Science,  
Civil Engineering, with Honors  
University of Colorado at Boulder, 1980

#### REGISTRATIONS

Professional Engineer: Texas, No.  
59536

#### AFFILIATIONS

Academy of Geo-Professionals,  
Diplomate of Geotechnical Engineering,  
D.GE

American Society of Civil Engineers  
(ASCE)

#### WORK HISTORY

Terracon Consultants, Inc.,  
Geotechnical Engineer,  
February 2014- Present

Fugro Consultants, Geotechnical  
Manager, 1987-2014

McClelland Engineers, Geotechnical  
Engineer, 1981-1987



## Ali Waly, P.E.

### GEOTECHNICAL PROJECT MANAGER

#### PROFESSIONAL EXPERIENCE

Mr. Waly has more than eight years of consulting experience in the field of geotechnical engineering that includes pavement design. His consulting experience includes construction materials engineering, geotechnical engineering, pavement design, and pavement restoration. Studies and analysis performed have included evaluation of bearing capacity and settlement for different types of shallow and deep foundation systems for commercial developments; oil and gas projects; data centers; transmission line projects; schools and hospitals. He is also experienced with evaluation of pavement distress. He also has experience with evaluation of different ground improvement programs. He also has extensive laboratory experience in soils and concrete.

#### PROJECT EXPERIENCE

##### **Veda Mae Drive - Drainage Improvements – San Antonio, Texas**

Project manager for the geotechnical engineering services provided for the design and reconstruction of the existing roadway. Drainage improvements like construction of a drainage culvert was also considered. Services provided consisted of subsurface soil conditions, groundwater conditions, earthwork, pavement design and pavement construction.

##### **Jo Marie Street Improvements – San Antonio, Texas**

Project manager for the geotechnical engineering services provided for the design and construction for the improvements of Jo Marie Street for a segment of about 2,000± feet from the existing rock wall at the western end of the alignment to WW White. Services provided consisted of subsurface soil conditions, groundwater conditions, earthwork, pavement design and pavement construction.

##### **Reconstruction of East Huff Street – San Antonio, Texas**

Project manager for the geotechnical engineering services provided for the design and reconstruction of East Huff Street between Mission Road and South Flores Street. Services provided consisted of subsurface soil conditions, groundwater conditions, earthwork, pavement design and pavement construction.

##### **W Military Drive and Westmar Drive Area – San Antonio, Texas**

Project manager for the geotechnical engineering services provided for the design and reconstruction of W. Military Drive, Westbriar Drive and Westoak. A few traffic lights were also constructed. Services provided consisted of subsurface soil conditions, groundwater conditions, earthwork, pavement design and pavement construction.

##### **Cedarhurst Drainage and Pavement Reconstruction – San Antonio TX**

Project manager for the geotechnical services provided for the reconstruction of the existing roadway. A 5-foot sidewalk was added to each side. A 60-inch-diameter sewer line and a 8- by 5-ft box culvert on the order of 10 to 15 feet deep and proposed drainage channel was deepened to about 10 feet. Reconstruction of the roadway is to be designed based on COSA specifications.

##### **Rittiman Road Bond Project – San Antonio, Texas**

Project manager for the geotechnical engineering services provided for the design and reconstruction of Rittiman Road between IH 35 and Gibbs Sprawl. Reconstruction of Rittiman Road was designed based on COSA specifications for street design and classified as (Secondary Arterial Type A). Services provided consisted of subsurface soil conditions, groundwater conditions, earthwork, pavement design, pavement construction, pavement reconstruction and rehabilitation.

#### EDUCATION

Master Degree in Civil Engineering,  
2016, University of Texas at San  
Antonio UTSA

Master of Science, Civil Engineering,  
2010, Dokuz Eylul University, Turkey

Bachelor of Engineering, Civil  
Engineering, 2006, Mosul University,  
Iraq

#### REGISTRATIONS

Professional Engineer: Texas, (2016)  
No. 125059

#### AFFILIATIONS

TSPE Texas Society of Professional  
Engineers - Member

ASCE American Society of Civil  
Engineers – Member

#### WORK HISTORY

Terracon Consultants, 2012-Present

Dokuz Eylul University Research  
Assistant; Jan. 2008 – June 2010

# Terracon

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Terracon Laredo Office  
615 Gale Street  
Laredo, TX 78041

Phone: (956) 284-0797  
Fax: (956) 284-0791

[www.terracon.com](http://www.terracon.com)

**RESPONSIVE.  
RESOURCEFUL.  
RELIABLE.**

Environmental



Facilities



Geotechnical



Materials



# CERTIFICATE OF LIABILITY INSURANCE

1/1/2021

DATE (MM/DD/YYYY)

12/20/2019

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

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


<b>PRODUCER</b> Lockton Companies 444 W. 47th Street, Suite 900 Kansas City MO 64112-1906 (816) 960-9000	<b>CONTACT NAME:</b> PHONE (A/C, No, Ext): FAX (A/C, No): E-MAIL ADDRESS:																				
	<table border="1"> <thead> <tr> <th colspan="2">INSURER(S) AFFORDING COVERAGE</th> <th>NAIC #</th> </tr> </thead> <tbody> <tr> <td>INSURER A:</td> <td>Lexington Insurance Company</td> <td>19437</td> </tr> <tr> <td>INSURER B:</td> <td>Travelers Property Casualty Co of America</td> <td>25674</td> </tr> <tr> <td>INSURER C:</td> <td>The Travelers Indemnity Company</td> <td>25658</td> </tr> <tr> <td>INSURER D:</td> <td></td> <td></td> </tr> <tr> <td>INSURER E:</td> <td></td> <td></td> </tr> <tr> <td>INSURER F:</td> <td></td> <td></td> </tr> </tbody> </table>	INSURER(S) AFFORDING COVERAGE		NAIC #	INSURER A:	Lexington Insurance Company	19437	INSURER B:	Travelers Property Casualty Co of America	25674	INSURER C:	The Travelers Indemnity Company	25658	INSURER D:			INSURER E:			INSURER F:	
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INSURER F:																					
<b>INSURED</b> 1312891 TERRACON CONSULTANTS, INC. 10841 S. RIDGEVIEW ROAD OLATHE KS 66061																					

**COVERAGES** TERCO01      **CERTIFICATE NUMBER:** 13881552      **REVISION NUMBER:** XXXXXXX

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

INSR LTR	TYPE OF INSURANCE	ADDL INSD	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
B	<input checked="" type="checkbox"/> COMMERCIAL GENERAL LIABILITY <input type="checkbox"/> CLAIMS-MADE <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> CONTRACTUAL LIAB <input checked="" type="checkbox"/> XCU COVERAGE GENL AGGREGATE LIMIT APPLIES PER: <input type="checkbox"/> POLICY <input checked="" type="checkbox"/> PROJECT <input type="checkbox"/> LOC <input type="checkbox"/> OTHER	N	N	TC2J-GLSA-1118L293	1/1/2020	1/1/2021	EACH OCCURRENCE \$ 2,000,000 DAMAGE TO RENTED PREMISES (Ea occurrence) \$ 1,000,000 MED EXP (Any one person) \$ 25,000 PERSONAL & ADV INJURY \$ 1,000,000 GENERAL AGGREGATE \$ 4,000,000 PRODUCTS - COMPROP AGG \$ 4,000,000
B	<input checked="" type="checkbox"/> AUTOMOBILE LIABILITY <input checked="" type="checkbox"/> ANY AUTO <input type="checkbox"/> OWNED AUTOS ONLY <input type="checkbox"/> SCHEDULED AUTOS <input type="checkbox"/> HIRED AUTOS ONLY <input type="checkbox"/> NON-OWNED AUTOS ONLY	N	N	TC2J-CAP-131J3858	1/1/2020	1/1/2021	COMBINED SINGLE LIMIT (Ea accident) \$ 2,000,000 BODILY INJURY (Per person) \$ XXXXXXX BODILY INJURY (Per accident) \$ XXXXXXX PROPERTY DAMAGE (Per accident) \$ XXXXXXX
B	<input checked="" type="checkbox"/> UMBRELLA LIAB <input checked="" type="checkbox"/> OCCUR <input checked="" type="checkbox"/> EXCESS LIAB <input type="checkbox"/> CLAIMS-MADE DED RETENTION \$	N	N	ZUP-91M46583 (EXCLUDES PROF. LIAB.)	1/1/2020	1/1/2021	EACH OCCURRENCE \$ 5,000,000 AGGREGATE \$ 5,000,000
B	<input checked="" type="checkbox"/> WORKERS COMPENSATION AND EMPLOYERS' LIABILITY ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED? (Mandatory in NH) If yes, describe under DESCRIPTION OF OPERATIONS below	Y/N	N/A	TC2J-UB-6N32541-0 (AOS) TRK-UB-6N32384-6 (AZ,MA,WI)	1/1/2020 1/1/2020	1/1/2021 1/1/2021	<input checked="" type="checkbox"/> PER STATUTE <input type="checkbox"/> OTHER E.L. EACH ACCIDENT \$ 1,000,000 E.L. DISEASE - EA EMPLOYEE \$ 1,000,000 E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	PROFESSIONAL LIABILITY	N	N	26030216	1/1/2020	1/1/2021	\$1,000,000 EACH CLAIM & \$1,000,000 ANNUAL AGGREGATE

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES (ACORD 101, Additional Remarks Schedule, may be attached if more space is required)  
 PROOF OF COVERAGE. THE UMBRELLA LIABILITY IS FOLLOW FORM OVER THE GENERAL LIABILITY, AUTO LIABILITY, AND EMPLOYER'S LIABILITY PER THE POLICY TERMS, CONDITIONS, AND EXCLUSIONS.

<b>CERTIFICATE HOLDER</b> 13881552 SPECIMEN	<b>CANCELLATION</b> SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.  AUTHORIZED REPRESENTATIVE 
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**CONFLICT OF INTEREST QUESTIONNAIRE**  
For vendor doing business with local governmental entity

**FORM CIQ**

This questionnaire reflects changes made to the law by H.B. 23, 84th Leg., Regular Session.  
This questionnaire is being filed in accordance with Chapter 176, Local Government Code, by a vendor who has a business relationship as defined by Section 176.001(1-a) with a local governmental entity and the vendor meets requirements under Section 176.006(a).  
By law this questionnaire must be filed with the records administrator of the local governmental entity not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Local Government Code.  
A vendor commits an offense if the vendor knowingly violates Section 176.006, Local Government Code. An offense under this section is a misdemeanor.

**OFFICE USE ONLY**

Date Received

**1 Name of vendor who has a business relationship with local governmental entity.**

Terracon Consultants, Inc.

**2**  Check this box if you are filing an update to a previously filed questionnaire. (The law requires that you file an updated completed questionnaire with the appropriate filing authority not later than the 7th business day after the date on which you became aware that the originally filed questionnaire was incomplete or inaccurate.)

**3 Name of local government officer about whom the information is being disclosed.**

N/A

Name of Officer

**4 Describe each employment or other business relationship with the local government officer, or a family member of the officer, as described by Section 176.003(a)(2)(A). Also describe any family relationship with the local government officer. Complete subparts A and B for each employment or business relationship described. Attach additional pages to this Form CIQ as necessary.**

A. Is the local government officer or a family member of the officer receiving or likely to receive taxable income, other than investment income, from the vendor?


Yes  No N/A

B. Is the vendor receiving or likely to receive taxable income, other than investment income, from or at the direction of the local government officer or a family member of the officer AND the taxable income is not received from the local governmental entity?

Yes  No N/A

**5 Describe each employment or business relationship that the vendor named in Section 1 maintains with a corporation or other business entity with respect to which the local government officer serves as an officer or director, or holds an ownership interest of one percent or more.**

**6**  Check this box if the vendor has given the local government officer or a family member of the officer one or more gifts as described in Section 176.003(a)(2)(B), excluding gifts described in Section 176.003(a-1).

**7**  
  
Signature of vendor doing business with the governmental entity

3/9/2020  
Date

**CERTIFICATION**  
REGARDING DEBARMENT, SUSPENSION, INELIGIBILITY AND VOLUNTARY  
EXCLUSION FOR COVERED CONTRACTS

**PART A.**

Federal Executive Orders 12549 and 12689 require the Texas Department of Agriculture (TDA) to screen each covered potential contractor to determine whether each has a right to obtain a contract in accordance with federal regulations on debarment, suspension, ineligibility, and voluntary exclusion. Each covered contractor must also screen each of its covered subcontractors.

In this certification "contractor" refers to both contractor and subcontractor; "contract" refers to both contract and subcontract.

By signing and submitting this certification the potential contractor accepts the following terms:

1. The certification herein below is a material representation of fact upon which reliance was placed when this contract was entered into. If it is later determined that the potential contractor knowingly rendered an erroneous certification, in addition to other remedies available to the federal government, the Department of Health and Human Services, United States Department of Agriculture or other federal department or agency, or the TDA may pursue available remedies, including suspension and/or debarment.
2. The potential contractor will provide immediate written notice to the person to which this certification is submitted if at any time the potential contractor learns that the certification was erroneous when submitted or has become erroneous by reason of changed circumstances.
3. The words "covered contract", "debarred", "suspended", "ineligible", "participant", "person", "principal", "proposal", and "voluntarily excluded", as used in this certification have meanings based upon materials in the Definitions and Coverage sections of federal rules implementing Executive Order 12549. Usage is as defined in the attachment.
4. The potential contractor agrees by submitting this certification that, should the proposed covered contract be entered into, it will not knowingly enter into any subcontract with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in this covered transaction, unless authorized by the Department of Health and Human Services, United States Department of Agriculture or other federal department or agency, and/or the TDA, as applicable.

Do you have or do you anticipate having subcontractors under this proposed contract?

Yes

No

5. The potential contractor further agrees by submitting this certification that it will include this certification titled "Certification Regarding Debarment, Suspension, Ineligibility, and Voluntary Exclusion for Covered Contracts" without modification, in all covered subcontracts and in solicitations for all covered subcontracts.
6. A contractor may rely upon a certification of a potential subcontractor that it is not debarred, suspended, ineligible, or voluntarily excluded from the covered contract, unless it knows that the certification is erroneous. A contractor must, at a minimum, obtain certifications from its covered subcontractors upon each subcontract's initiation and upon each renewal.
7. Nothing contained in all the foregoing will be construed to require establishment of a system of records in order to render in good faith the certification required by this certification document. The knowledge and information of a contractor is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
8. Except for contracts authorized under paragraph 4 of these terms, if a contractor in a covered contract knowingly enters into a covered subcontract with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available to the federal government, Department of Health and Human Services, United States Department of Agriculture, or other federal department or agency, as applicable, and/or the TDA may pursue available remedies, including suspension and/or debarment.

**PART B. CERTIFICATION REGARDING DEBARMENT, SUSPENSION,  
INELIGIBILITY AND VOLUNTARY EXCLUSION FOR COVERED CONTRACTS**

Indicate in the appropriate box which statement applies to the covered potential contractor:

- The potential contractor certifies, by submission of this certification, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this contract by any federal department or agency or by the State of Texas.
- The potential contractor is unable to certify to one or more of the terms in this certification. In this instance, the potential contractor must attach an explanation for each of the above terms to which he is unable to make certification. Attach the explanation(s) to this certification.

Name of Contractor	Vendor ID No. or Social Security No.	Program No.
Terracon Consultants, Inc.	42-1249917	RFQ 2020-005

Arturo Barrera  
Signature of Authorized Representative

3/9/2020  
Date

Arturo Barrera, P.E.  
Printed/Typed Name and Title of  
Authorized Representative

**CERTIFICATION REGARDING FEDERAL LOBBYING**  
**(Certification for Contracts, Grants, Loans, and Cooperative Agreements)**

**PART A. PREAMBLE**

Federal legislation, Section 319 of Public Law 101-121 generally prohibits entities from using federally appropriated funds to lobby the executive or legislative branches of the federal government. Section 319 specifically requires disclosure of certain lobbying activities. A federal government-wide rule, "New Restrictions on Lobbying", published in the Federal Register, February 26, 1990, requires certification and disclosure in specific instances.

**PART B. CERTIFICATION**

This certification applies only to the instant federal action for which the certification is being obtained and is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U.S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less than \$100,000 for each such failure.

The undersigned certifies, to the best of his or her knowledge and belief, that:

1. No federally appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with the awarding of any federal contract, the making of any federal grant, the making of any federal loan, the entering into of any cooperative agreement, or the extension, continuation, renewal, amendment, or modification of any federal contract, grant, loan, or cooperative agreement.
2. If any funds other than federally appropriated funds have been paid or will be paid to any person for influencing or attempting to influence an officer or employee of any agency, a member of Congress, an officer or employee of Congress, or an employee of a member of Congress in connection with these federally funded contract, subcontract, subgrant, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying", in accordance with its instructions. (If needed, contact the Texas Department of Agriculture to obtain a copy of Standard Form-LLL.)



3. The undersigned shall require that the language of this certification be included in the award documents for all covered subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all covered subrecipients will certify and disclose accordingly.

Do you have or do you anticipate having covered subawards under this transaction?

Yes

No

Name of Contractor/Potential Contractor	Vendor ID No. or Social Security No.	Program No.
Terracon Consultants, Inc.	42-1249917	RFQ 2020-005

Name of Authorized Representative	Title
Art Barrera, P.E., PMP	Laredo Office Manager

  
Signature – Authorized Representative

3/9/2020  
Date

PROOF OF NO DELINQUENT TAXES OWED TO WEBB COUNTY

Name Chuck A. Gregory, P.E. owes no delinquent property taxes to Webb County.

Terracon Consultants, Inc. owes no property taxes as a business in Webb County.  
(Business Name)

Employee-owned owes no property taxes as a resident of Webb County.  
(Business Owner)



Person who can attest to the above information

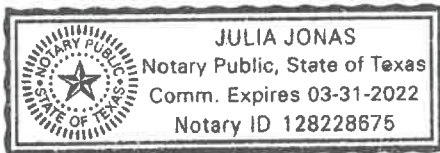
**\* SIGNED NOTORIZED DOCUMENT AND PROOF OF NO DELINQUENT TAXES TO WEBB COUNTY.**

The State of Texas  
County of Webb

Before me, a Notary Public, on this day personally appeared Chuck A. Gregory, know to me (or proved to me on the oath of Sr. Principal to be the person whose name is subscribed to the forgoing instrument and acknowledged to me that he executed the same for the purpose and consideration therein expressed.

Given under my hand and seal of office this 9 day of March 2020.

Notary Public, State of Texas



(Print name of Notary Public here)

My commission expires the 31 day of March 2020

**WEBB COUNTY PURCHASING DEPT.  
QUALIFIED PARTICIPATING VENDOR CODE OF ETHICS  
AFFIDAVIT FORM**

STATE OF TEXAS \*

KNOW ALL MEN BY THESE PRESENTS:

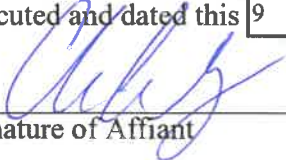
COUNTY OF WEBB \*

BEFORE ME the undersigned Notary Public, appeared Chuck A. Gregory  
the herein-named "Affiant", who is a resident of Webb County, State  
of Texas and upon his/her respective oath, either individually and/or behalf of their  
respective company/entity, do hereby state that I have personal knowledge of the following facts,  
statements, matters, and/or other matters set forth herein are true and correct to the best of my  
knowledge.

*I personally, and/or in my respective authority/capacity on behalf of my company/entity do hereby  
confirm that I have reviewed and agree to fully comply with all the terms, duties, ethical policy  
obligations and/or conditions as required to be a qualified participating vendor with Webb  
County, Texas as set forth in the Webb County Purchasing Code of Ethics Policy posted at the  
following address: <http://www.webbcountytexas.gov/PurchasingAgent/PurchasingEthicsPolicy.pdf>*

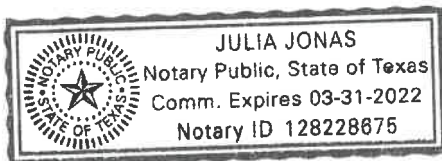
*I personally, and/or in my respective authority/capacity on behalf of my company/entity do hereby  
further acknowledge, agree and understand that as a participating vendor with Webb County,  
Texas on any active solicitation/proposal/qualification that I and/or my company/entity failure to  
comply with the Code of Ethics policy may result in my and/or my company/entity disqualification,  
debarment or make void my contract awarded to me, my company/entity by Webb County. I agree  
to communicate with the Purchasing Agent or his designees should I have questions or concerns  
regarding this policy to ensure full compliance by contacting the Webb County Purchasing Dept.  
via telephone at (956) 523-4125 or e-mail to the Webb County Purchasing Agent to  
[joel@webbcountytexas.gov](mailto:joel@webbcountytexas.gov).*


Executed and dated this 9 day of March, 2020.

  
\_\_\_\_\_  
Signature of Affiant

Terracon Consultants, Inc.  
Printed Name of Affiant/Company/Entity

SWORN to and subscribed before me, this 9 day March, 2020



  
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NOTARY PUBLIC, STATE OF TEXAS