

**RFQ# ADSP014-00003465, Annual Request for Qualifications and Experience
REVISED - Attachment I – General Qualifications**

(If a firm has branch offices, complete for each specific branch office seeking work.)

1. REVISED ADSP013-00003465: Annual Request for Qualifications

a.	FIRM (OR BRANCH OFFICE) NAME:	Caruso Turley Scott Inc.
b.	FIRM (OR BRANCH OFFICE) STREET:	1215 W Rio Salado Parkway, Suite 200
c.	FIRM (OR BRANCH OFFICE) CITY:	Tempe
d.	FIRM (OR BRANCH OFFICE) STATE:	AZ
e.	FIRM (OR BRANCH OFFICE) ZIP CODE:	85281
f.	YEAR ESTABLISHED:	1963
(g1).	OWNERSHIP - TYPE:	Corporation
(g2).	OWNERSHIP - SMALL BUSINESS STATUS:	Federal & Arizona Small Business
h.	POINT OF CONTACT NAME AND TITLE:	Richard Turley - Partner Structural Director
i.	POINT OF CONTACT TELEPHONE NUMBER:	(480) 774-1702
j.	POINT OF CONTACT E-MAIL ADDRESS:	RTurley@ctsaz.com
k.	NAME OF FIRM (If block 1a is a branch office):	

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2. EMPLOYEES BY DISCIPLINE

a. Discipline Title	b. Function: Primary (P) or Secondary (S)	c. No. of Employees - Firm	d. No. of Employees - Branch
Structural Engineer	P	49	
Project Manager Cost Engineer/Estimator	S	10	
Construction Inspector	S	39	
Construction Inspector	P	7	
CADD Technician	P	10	
Other	P	10	
Total		76	

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3. PROFILE OF FIRM'S EXPERIENCE AND ANNUAL AVERAGE REVENUE FOR LAST YEAR


a. Approximate No. of Projects	b. Experience	c. Revenue Index Number (see below)
20	Commercial Buildings (Low Rise); Shopping Centers	2
2	Community Facilities	1
50	Dining Halls; Clubs; Restaurants	2
14	Educational Facilities, Classrooms	2
4	Hospital & Medical Facilities	1
6	Housing; (Residential; Multi-Family; Apartments; Condominiums)	2
2	Libraries; Museums; Galleries	1
4	Judicial; Courtroom Facilities	2
3	Recreational Facilities	2
12	Warehouses & Depots	2
3	Garages; Vehicle Maintenance Facilities; Parking	1
18	Office Buildings; Industrial Parks	3
4	On-Call Contracts	1
50	Solar Energy Utilization	3
4	Computer Facilities	2
9	Highrise; Air-Rights-Type Buildings	5
3	Hotels; Motels	3
2	Swimming Pools	1
4	Auditoriums; Theaters	2
2	Public Safety Facilities	3

PROFESSIONAL SERVICES REVENUE INDEX NUMBER

- | | |
|---|---|
| 1. Less than \$100,000 | 6. \$2 million to less than \$5 million |
| 2. \$100,000 to less than \$250,000 | 7. \$5 million to less than \$10 million |
| 3. \$250,000 to less than \$500,000 | 8. \$10 million to less than \$25 million |
| 4. \$500,000 to less than \$1 million | 9. \$25 million to less than \$50 million |
| 5. \$1 million to less than \$2 million | 10. \$50 million or greater |

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4. RESUMES OF KEY PERSONNEL PROPOSED FOR THIS CONTRACT (Complete one Section 4 for each key person.)

a. NAME RICHARD D. TURLEY, P.E.	b. ROLE IN THIS CONTRACT STRUCTURAL ENGINEERING DIRECTOR	c. YEARS EXPERIENCE	
		1. TOTAL 36	2. WITH CURRENT FIRM 34
d. FIRM NAME AND LOCATION (City and State)  CARUSO TURLEY SCOTT INC. STRUCTURAL ENGINEERS 1215 W. Rio Salado Pkwy, Suite 200 - Tempe, AZ 85281			
e. EDUCATION (DEGREE AND SPECIALIZATION) BS / 1976 / Civil Engineering Northern Arizona University - Flagstaff, AZ		f. CURRENT PROFESSIONAL REGISTRATION (STATE AND DISCIPLINE) P.E./ 1981/ Structural Engineering Registration active in: AZ, CO, ID, KS, MA, ME, MI, MN, MS, MO, MT, NM, NH, ND, NE, OH, OK, RI, UT, WA, WI, WY, Washington D.C.	
g. OTHER PROFESSIONAL QUALIFICATIONS (Publications, Organizations, Training, Awards, etc.) Member: ACEC/ AISC/ ASCE/ ICC Board of Director: SAME - Phoenix Post 1999 Member & Past Director: SEAoA U.S. Air Force: 1969-1973/ Honorable Discharge NAU CE DAC			

H. RELEVANT PROJECTS

1)	(1) TITLE AND LOCATION (City and State) State of Arizona Game & Fish Department Ben Avery Shooting Facility Police Firearms Training Center - Phoenix, AZ	(2) Year Completed	
		Professional Services 2012	Construction (If Applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Structural Engineering Director and Project Manager for the \$800 thousand dollar, 1-story 3,000 SF Police Department Firearms Training Center. Project features: 300 Yard Shooting Range, Restrooms, and police employment-related Education Center. The structural engineering design was completed according to schedule.		
2)	(1) TITLE AND LOCATION (City and State) City of Scottsdale Structural Engineering On-Call 1-Year Term Contract Scottsdale, AZ	(2) Year Completed	
		Professional Services 2014-2015	Construction (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Structural Engineering Director and Project Manager for on-call services projects for a 1-year term contract with 3-year extension possible. Project features: structural building review and assessments, structural repair details, floor loading reviews, etc.		
3)	(1) TITLE AND LOCATION (City and State) Maricopa County Structural Engineering 5-Year Term On-Call Contract Phoenix, AZ	(2) Year Completed	
		Professional Services 2012-2017	Construction (If Applicable)
	(3) BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Structural Engineering Director and Project Manager for numerous on-call projects. Project features: canopy repairs, food bank building assessment, wall damage repairs, floor loading reviews, jail skylight security screen welding, generator enclosure, etc. The structural engineering reviews, reports and/or designs were completed according to schedule.		
4)	(1) TITLE AND LOCATION (City and State) Veterans Administration Carl T. Hayden Medical Center Emergency Department Renovation & Expansion – Phoenix, AZ	(2) Year Completed	
		Professional Services 2012	Construction (If Applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Structural Engineering Director and Project Manager for \$4.1 million, major renovation of an existing 13,000 SF Emergency Department including; 11,700 SF expansion, 8-story elevator tower, underground tunnel to rehabilitation building and storage basement. The structural engineering design will be completed according to schedule.		
5)	(1) TITLE AND LOCATION (City and State) State of Arizona Department of Veteran's Services Northern Arizona Veterans Memorial Cemetery – Flagstaff, AZ	(2) Year Completed	
		Professional Services 2012	Construction (If Applicable) 2013
	(3) BRIEF DESCRIPTION (Brief scope, size, cost etc.) AND SPECIFIC ROLE <input checked="" type="checkbox"/> Check if project performed with current firm Structural Engineering Director and Project Manager for the estimated 22.0 million dollar, three buildings, 1-story facility. Project features: Avenue of Flags, Assembly Area, Entry Feature, Administration and Public Information Buildings, Public Restrooms, Maintenance Yard. The structural engineering design was completed according to schedule.		

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5. EXAMPLE PROJECTS WHICH BEST ILLUSTRATE PROPOSED TEAM'S QUALIFICATIONS FOR THIS CONTRACT

(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION (<i>City and State</i>) STATE OF ARIZONA TUCSON VETERAN'S HOME SKILLED NURSING FACILITY - Tucson, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2010	CONSTRUCTION (<i>If applicable</i>) 2011

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Veterans' Services	d. DOLLAR AMOUNT OF PROJECT Original Budget Unknown	e. TOTAL COST OF PROJECT \$30.0 Million Estimated
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and length of project*):



CTS ROLE
Structural systems design and details
Value Engineering
Construction Administration
Special Structural Inspections

STRUCTURAL SYSTEM
Gravity System:
Wood Trusses & Walls
Light Gage Steel Trusses
Steel Joist Floors
Lateral System:
Masonry Shear Walls
Wood Shear Walls



PROJECT FEATURES
New Skilled Nursing Facility
Total Buildings: Five, 1 & 2-Story
4 Patient Buildings with 120 Private Rooms

LOCATION
Tucson, AZ

SQUARE FOOTAGE
137,000

DESIGN COMPLETE
June 2010

CONSTRUCTION COMPLETE
June 2011

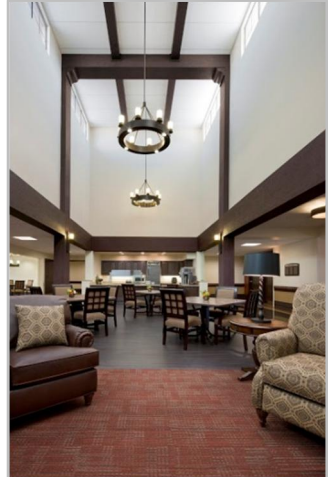
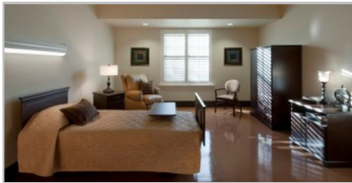
DELIVERY METHOD
Construction Manager at Risk



OWNER
State of Arizona
Department of Veteran's Services
Travis Schulte
(602) 234-8403

ARCHITECT
Orcutt | Winslow Partnership
Neil Terry, AIA
(602) 257-1764

CONTRACTOR
Hayden Building Corp
Fritz Behrhorst
(602) 296-1496



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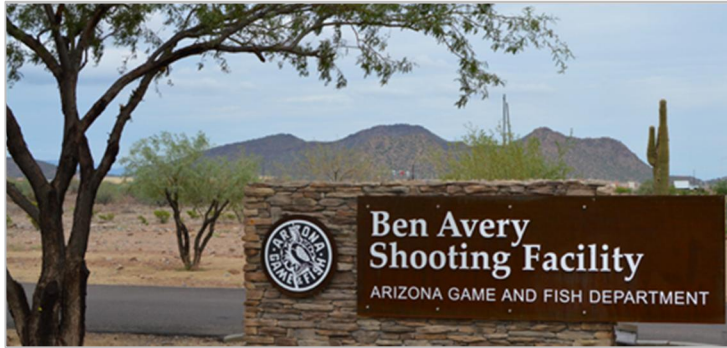
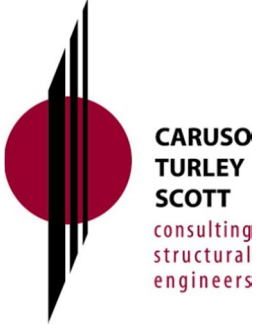
(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION (<i>City and State</i>) STATE OF ARIZONA BEN AVERY SHOOTING FACILITY POLICE FIREARMS TRAINING CENTER - Phoenix, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION (<i>If applicable</i>) 2013

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Game & Fish Department	d. DOLLAR AMOUNT OF PROJECT Original Budget Unknown	e. TOTAL COST OF PROJECT \$800 Thousand Estimated
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and length of project*):



CTS ROLE
Structural systems design and details
Value Engineering
Construction Administration
Special Structural Inspections

PROJECT FEATURES

New City of Phoenix Police Department Lease through 2028
Design and Construction of 300 Yard Shooting Range, Restrooms and Employment-related Firearms Training Center
Building: One, 1-Story

OWNER
State of Arizona
Game & Fish Department
Renee Gillespie (623) 236-7490
Jay Cook
Shooting Sports Branch Chief (623) 236-7188
jcook@azgfd.gov

LOCATION

4044 W. Black Canyon Blvd. - Phoenix, AZ 85086

ARCHITECT
SPS+ Architects
Bob Pian (480) 991-0800

SQUARE FOOTAGE
3,000

DESIGN COMPLETE
September 2012

CONSTRUCTION COMPLETE
2013

CONTRACTOR
Danson Construction
Kevin Wolfram (602) 997-0777

DELIVERY METHOD
Design-Build

Ben Avery is a world-class shooting range and is a City of Phoenix Point of Pride. It has received a 5 Star rating from the National Association of Shooting Ranges. Which means it is the best of the best at providing a quality recreation experience, and it is the first government facility to receive this designation.



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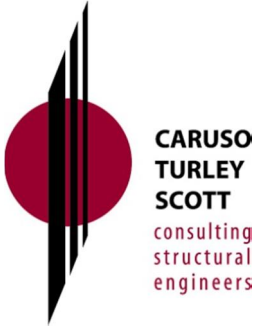
(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION (<i>City and State</i>) STATE OF ARIZONA KARTCHNER CAVERNS DISCOVERY CENTER & CAVE PATHWAY WALLS / RAILS - Phoenix, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 1996	CONSTRUCTION (<i>If applicable</i>) 1999

23. PROJECT OWNER'S INFORMATION

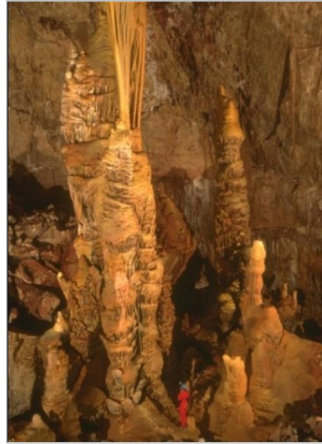
c. PROJECT OWNER Arizona Parks Department	d. DOLLAR AMOUNT OF PROJECT Original Budget Unknown	e. TOTAL COST OF PROJECT Structures: \$7.0 M Estimated Total: \$35.0 M
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and length of project*):



CTS ROLE
Structural systems design and details
Value Engineering
Construction Administration
Special Structural Inspections

STRUCTURAL SYSTEM
Lateral System: Shear Walls



PROJECT FEATURES

State Park Discovery Visitor's Center
World Class Exhibits in the Museum, Tenen-Tufts Theater for Video Presentations with 180 Seats, Bookstore & Gift Shop, Staff Dormitories and Housing, Maintenance Facilities, Guard House, Food Concession, Group Ramada, 2 Restroom/Shower Buildings, Visitors Contact Station and 167-Seat Outdoor Amphitheater
Cave Pathway Retaining Walls & Rails
Buildings: Seven, 1-Story with Basement

LOCATION

2980 Arizona 90 - Benson, AZ 85602

SQUARE FOOTAGE

23,000

DESIGN COMPLETE

April 1996
March 1998 Additions

CONSTRUCTION COMPLETE

1998

DELIVERY METHOD

Design-Bid-Build



OWNER

State of Arizona
Department
Jeff Dexter – 1st Park Mgr
(520) 586-4125

ARCHITECT

Swabach Partners PLLC
Jon Bernhardt
(480) 367-2100

LANDSCAPE ARCHITECT

McGann & Associates
(520) 297-9540



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a. TITLE AND LOCATION (City and State) STATE OF ARIZONA DEPARTMENT OF VETERANS SERVICES NORTHERN ARIZONA VETERANS MEMORIAL CEMETERY – Belmont, AZ	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES 2012	CONSTRUCTION (If applicable) 2013

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER Arizona Department of Veterans' Affairs	d. DOLLAR AMOUNT OF PROJECT Original Budget Unknown	e. TOTAL COST OF PROJECT Structures: \$4.0 M Estimated Total: \$22.0 M
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f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (Include scope, size, and length of project):



CTS ROLE
Structural systems design and details
Value Engineering
Construction Administration
Special Structural Inspections



PROJECT FEATURES

Entry Feature, Avenue of Flags, Assembly Area, Memorial Walk, Administration & Public Information Complex, Public Restrooms, Maintenance Building and Service Yard, Carillon Tower and Committal Shelter where family and friends can pay last respects

LOCATION
Belmont, AZ

SQUARE FOOTAGE
Building Renovation: 13,000
Expansion: 11,700

DESIGN COMPLETE
2012

CONSTRUCTION COMPLETE
2013 Estimate

The Northern Arizona Veterans' Cemetery is designed to be a place for remembrance & healing, respect and ceremony. It's design reflects a high quality place characterized by its timeless design and ease of access. The design also reflects the unique aspects of local surroundings and culture so that the people who visit it will regard it as a sacred part of their community.



OWNER
State of Arizona
Department of Veteran's Services
Travis Schulte
(602) 234-8403

ARCHITECT
Orcutt | Winslow Partnership
Neil Terry, AIA
(602) 257-1764



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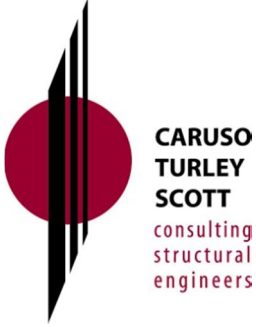
(Present no more than five (5) projects. Complete one Section 5 for each project.)

a. TITLE AND LOCATION (<i>City and State</i>)	b. YEAR COMPLETED	
	PROFESSIONAL SERVICES	CONSTRUCTION (<i>If applicable</i>)
Maricopa County Sheriff's Headquarters & 911 Dispatch Center - Phoenix, AZ	2012	2013

23. PROJECT OWNER'S INFORMATION

c. PROJECT OWNER	d. DOLLAR AMOUNT OF PROJECT	e. TOTAL COST OF PROJECT
Maricopa County FMD Facilities	Original Budget \$80.0 Million	\$80.0 Million Estimated

f. BRIEF DESCRIPTION OF PROJECT AND RELEVANCE TO THIS CONTRACT (*Include scope, size, and length of project*):



OWNER
Maricopa County
Facilities Management Dept
John Magnuson
(602) 506-8164

CTS ROLE
Structural systems design and details
Value Engineering
Construction Administration
Special Structural Inspections

LOCATION
NWC Fifth Ave & Jackson Street
Phoenix, AZ

PROJECT FEATURES:
911 Dispatch Call Center
Administrative Offices
Human Resources
Accounting
Auditors & Legal Offices
Conference Rooms
Data Center
Secure Storage
Media Room
Training Rooms
Fitness Area/ Locker Room
Debriefing Rooms
Break Room
Record Storage Areas
PC Lab/Staging Area

ARCHITECT
Gabor Lorant Architects
Jan Lorant
(602) 667-9090

STRUCTURAL SYSTEMS:
Foundation: Spread Footings
Floors: Post Tensioned Slab
Walls: Concrete
Roof: Steel Beams
Lateral System:
Shear Walls, Steel Braced

SQUARE FOOTAGE
168,565

DESIGN COMPLETE
November 2012

PROJECT LEVELS:
Buildings: One
Basement: 48,484 SF
1st Story: 26,054
2nd Story: 26,174
3rd Story: 21,539
4th Story: 22,623
5th Story: 23,691

CONTRACTOR
D.L. Withers
David Bradley
(602) 438-9500

CONSTRUCTION COMPLETE
December 2013

DELIVERY METHOD
Construction Manager at Risk



6. ADDITIONAL INFORMATION

a. PROVIDE ANY ADDITIONAL INFORMATION YOU FEEL MAY BE NECESSARY TO DESCRIBE YOUR FIRMS QUALIFICATIONS. (ATTACH ADDITIONAL SHEETS AS NEEDED.)

Firm History



Caruso Turley Scott Structural Engineers is the largest structural engineering team in the southwest. Founded by Sam Caruso in 1963 on the promise of **excellence in engineering and outstanding customer service**, his legacy has continued for over 50 years. With a **reputation for responsiveness**, the firm's depth of experience provides clients with efficient and progressive design solutions for all building types, including complex projects with BIM three-dimensional modeling. Professionally **licensed in all 50 states, US Virgin Islands, Guam, Puerto Rico, Saskatchewan** and a team with 24 structural engineering registrants.

Company Contact	Title	Experience	Registration	Email
Richard D. Turley, PE LEED Accredited	Partner	36 Years	AZ #13964	RTurley@ctsaz.com

LEED standards are producing a generation of buildings that deliver high performance inside and out. Caruso Turley Scott currently has **4 LEED-AP Project Managers**. Caruso Turley Scott is well versed in LEED Certified Building construction, with LEED Certified projects of various sizes and construction types, including several with Gold and Silver Level Certifications, and **Arizona's first private CS1.0 Gold Core and Shell Building Certification**. During the design development and construction document phases CTS addresses and considers many structural issues and decisions related to LEED in an effort to weigh budget vs. LEED contribution, and the specifics of the project's design. The considerations include; foundation systems, wall systems, concrete reinforcing, steel framing.



Specialized Expertise



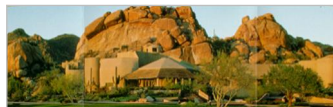
Commercial Office Healthcare Hospitality Airport	Educational Technology Retail Parking Structures	Recreational Municipal Military Aquarium	Residential Multi-Family & Custom Industrial & Manufacturing Sustainability / LEED / Solar BIM: Building Information Modeling
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Value Enhanced

Our value-enhanced services include: system comparisons, innovative and alternative means, building analysis, constructability, reliability, material availability consideration and cost.

Firm Services

Structural engineers face the challenge of providing safe and economical structures while simultaneously maintaining and improving aging structures, utilizing efficient construction materials, and designing for tomorrow's built environment.



Planning

- Structural Systems Evaluation
- Preliminary Structural Design
- Cost Feasibility Studies
- Value Engineering

Design

- Structural Design and Analysis
- Structural Renovation and Addition
- Evaluation & Rehabilitation Design
- Seismic Analysis & Design
- Site Adaptation of Prototypes
- Strengthening Existing Structures

Construction

- Review Sub-Contractor Shop Drawings
- Construction Administration
- Special Structural Inspections & Reports
- Structural Engineer Observations

Investigation

- Due Diligence Reports
- Failure Analysis
- Expert Witness
- Peer Review

7. ANNUAL AVERAGE PROFESSIONAL SERVICES REVENUES OF FIRM FOR LAST 3 YEARS

a.	Percentage of Total Work Attributable to State, Federal and Municipal Government Work:	18%
b.	Percentage of Total Work Attributable to Non-Government Work:	82%

8. AUTHORIZED REPRESENTATIVE. The foregoing is a statement of facts.

Signature: 

Date: 12-10-13

Name: Richard D. Turley, PE

Title: Partner