



Letter of Interest for
COUNTY ENGINEERING SERVICES

Oklahoma Department of Transportation
EC 1813



July 27, 2016

Engineering safe and lasting infrastructure solutions for our communities.

TULSA METRO OFFICE
10759 East Admiral Pl
Tulsa, OK 74116
918.437.0282



OKC METRO OFFICE
1741 West 33rd St, Suite 110
Edmond, OK 73013
405.608.4217



Engineering safe and lasting infrastructure solutions for our communities.

July 29, 2016

Shannon Sheffert
Division II Engineer
Oklahoma Department of Transportation
200 Northeast 21st St.
Oklahoma City, OK 73105

Re: Engineering Contract No. 1813, Pre-Qualification for County Engineering Services

Dear Mr. Sheffert,

Oklahomans depend on counties for 75% of their roads and 62% of their bridges, and Oklahoma counties have been depending on GUY Engineering Services (GUY) for professional design services for nearly 30 years. GUY has strong relationships with Oklahoma counties throughout the State: for example, we have worked with Osage and Craig Counties for 25 years, Ottawa County for 10 years, and Bryan and LeFlore Counties for 5 years.

FROM START TO FINISH – GUY can manage county projects from the initial scoping through survey, design, R/W acquisition, and utility relocations. GUY strives to keep projects moving to completion, ensuring projects are let as early as possible.

As the Program Manager for CED #1 and design engineer for numerous counties, GUY is in constant communication with ODOT and Commissioners.

At GUY, our mission statement is “Engineering safe and lasting infrastructure solutions for our communities,” and we thank ODOT and the counties of Oklahoma for allowing us to fulfill this mission statement. We look forward to partnering with you on county projects through EC-1813.



Respectfully,

A handwritten signature in blue ink, appearing to read "John E. Blickensderfer".

John E. Blickensderfer, PE, CFM, LSI
President

Enclosure

Table of Contents



PROPOSED PROJECT TEAM.....	2
Specialized Team Qualifications.....	2
Table of Organization.....	2
Subconsultants	4
CAPABILITIES AND QUALIFICATIONS.....	6
ODOT Experience.....	6
Policies / Procedures	7
Completed Projects	7
Street and Roadway Design Services	9
Bridge and Structure Design Services	10
Surveying.....	11
Utility Relocation Coordination.....	11
Drainage Infrastructure Design Services	11
TEAM CAPACITY.....	12
PAST PERFORMANCE.....	12
VERIFIABLE REFERENCES	16
APPENDIX A: 255 FORM	
APPENDIX B: FAR AUDIT	

Proposed Project Team



GUY has been dedicated to making Oklahoma roads and bridges safe for its citizens for nearly 30 years. ***We have completed work in all eight ODOT divisions in Oklahoma.*** The GUY team possesses a full understanding of the entire ODOT project process, from planning and design to utility relocating and letting.

SPECIALIZED TEAM QUALIFICATIONS

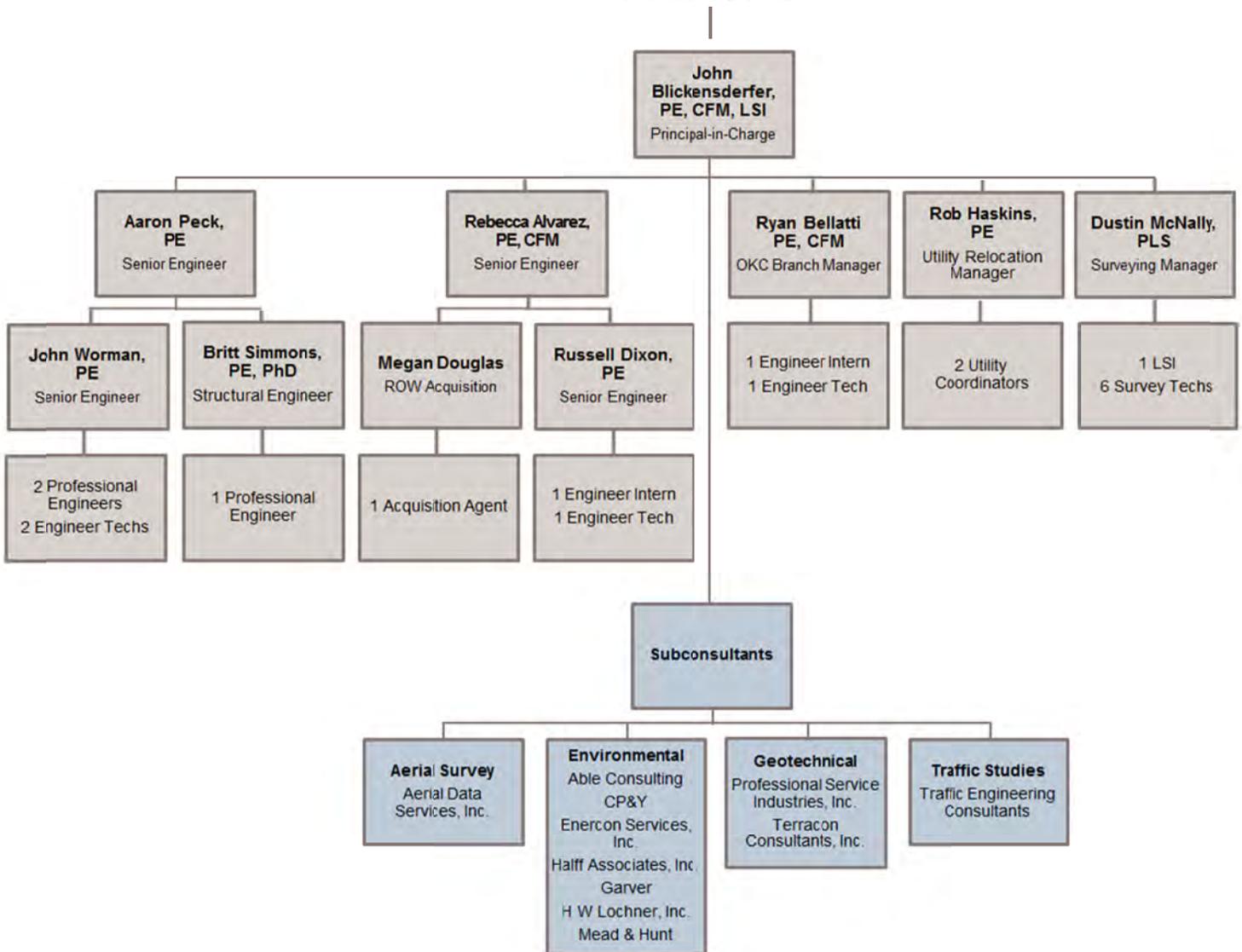
GUY's senior design team has an ***average of 23 years' civil engineering design experience, and all are trained in the ODOT design process.***



TABLE OF ORGANIZATION

The Table of Organization on the following page outlines GUY's key personnel for this project. Resumes of our key personnel are located with our Form 255 in Appendix A.

Proposed Project Team



* The GUY team includes multiple geotechnical and environmental firms. A firm for each project will be selected based on capacity and location.

Proposed Project Team



SUBCONSULTANTS

To complement our skills and experience, we have chosen subconsultants with whom we have collaborated on previous state and county projects. Specific environmental and geotechnical subconsultants will be selected for each project based on location and capacity.

ENVIRONMENTAL SUBCONSULTANTS	
Company	Experience and Qualifications
	Offering over 23 years of experience as an environmental/ planning professional, Ms. Koscelny, founder of Able Consulting, has coordinated and/or supervised numerous environmental analyses related to NEPA.
	CP&Y is a full-service architectural and engineering consulting firm. Their staff of environmental scientists, historians, planners, and GIS specialists draw from extensive interdisciplinary backgrounds and expertise to ensure projects are not delayed by environmental issues.
	Enercon is an architectural engineering, environmental, technical and management services firm. They are ranked in the top 200 of nationally recognized environmental firms in the United States.
	Garver is a multi-disciplined engineering, planning, and environmental services firm. With engineering services dating back to 1919, Garver has nearly a century of service in providing clients with consulting expertise.
	Half is a regional consulting firm that has provided full-service engineering, architecture, and related services for decades. Their environmental experts develop environmentally sensitive and creative solutions that comply with environmental regulations and preserve the environment.
	Lochner offers civil and structural engineers, project managers, planners, environmental specialists and construction inspectors in offices across the country. Their environmental experts represent the clients on the project site, ensuring design satisfaction.
	Mead & Hunt helps clients comply with the federal, state, and local environmental regulations for their projects. They are adept at preparing individualized environmental studies, plans, compliance strategies, and mitigation measures to meet clients' needs.

Proposed Project Team



GEOTECHNICAL SUBCONSULTANTS

Company	Experience and Qualifications
	<p>Terracon has provided geotechnical engineering, construction materials testing and environmental services in Oklahoma since 1981 from offices and AASHTO certified laboratories in both Tulsa and Oklahoma City.</p>
	<p>PSI is a leader in providing environmental consulting, geotechnical engineering, construction materials testing & engineering, industrial hygiene services, facilities & roof consulting, and specialty engineering & testing services.</p>

OTHER SUBCONSULTANTS

	<p>Aerial Data Services provides aerial photography, surveying and mapping services to hundreds of engineering firms and governmental agencies across the country.</p>
	<p>Established in 1984, TEC has an international reputation for providing clear direction in transportation planning and design solutions.</p>

Capabilities and Qualifications



ODOT EXPERIENCE

FROM START TO FINISH, the GUY team understands the ODOT process and has experience in providing the following services:

- Bridge rehabilitation
- Safety bridge inspections
- Highway/roadway design
- Surveying and mapping
- Utility relocation coordination
- Project scoping, planning and programming
- ROW acquisition and mapping
- Facility and site design
- Bridge design
- Hydrology & hydraulics
- Bridge hydraulics
- Urban arterial street design
- Interchange design
- Traffic control and construction phasing
- Reconnaissance and alignment studies
- Waterline and sewer design

We have 29 years of ODOT experience and have worked in all eight ODOT divisions in Oklahoma.



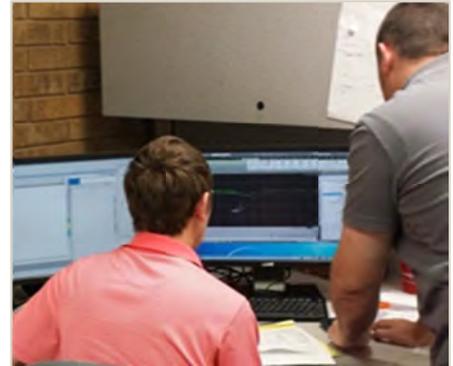
Before and after photos of BR 85 Connors over Neosho River. This project was a Pharaoh Award finalist in 2010.

Capabilities and Qualifications



Policies / Procedures

GUY is very familiar with ODOT's design policies and procedures, having successfully completed 200+ projects. To foster a culture of continuous improvement, GUY offers an extensive in-house training and education program. We frequently review ODOT policies and procedures and swiftly implement updates as required.



Completed Projects

Our team of 36 employee-owners has designed

- ***more than 150 county bridges and numerous county roadway projects over the past 29 years***
- 36 bridge rehabilitations over the past five years
- 24 on-system highway projects over the past 12 years

We have completed designs for five ODOT field divisions and are knowledgeable about the variations that exist between divisions. We pride ourselves on the good relationships we have established with each ODOT Division.

GUY provides quality design plans that result in minimal change orders during construction. In addition, during review meetings, we receive few comments relating directly to the design provided.

Capabilities and Qualifications



The diversity of our experience and knowledge in working with all ODOT divisions is recapped in the table below:

SUMMARY OF ODOT EXPERIENCE	
Over 150 county bridge and roadway projects in three ODOT divisions	<ul style="list-style-type: none"> Assisted in rewriting <i>County Design Manual</i> in coordination with ODOT and FHWA in 2012 Various types of bridges, including RCB, slab span, steel, and PC-beam Familiar with standard and custom bridges Roadway reconstruction as well as widen and overlay (3R)
Internal QA/QC program consistent with ODOT procedures	<ul style="list-style-type: none"> Projects follow ODOT process Sheet templates align with ODOT guidelines
13 years of state highway bridge design experience	<ul style="list-style-type: none"> Various types of bridges, including RCB, slab span, steel, and PC-beam Familiar with standard and custom bridges Roadway reconstruction as well as widen and overlay (3R)
24 state highway projects in five divisions	<ul style="list-style-type: none"> Experience with roadway and railroad overpasses, divided highways, shoulder & safety improvements, and creek and river bridges
Over 100 utility relocations in all eight divisions	<ul style="list-style-type: none"> Vast experience with all utilities across the entire state
39 ODOT surveys completed in all eight divisions	<ul style="list-style-type: none"> Quality survey work with exceptional detail and accuracy
57 reconnaissance reports in four divisions	<ul style="list-style-type: none"> We know what key information is needed for planning and design
36 bridges rehabilitated and 49 bridge assessments across the state	<ul style="list-style-type: none"> Vast experience rehabilitating bridges to improve safety and reduce costs
Right-of-way mapping	<ul style="list-style-type: none"> Experience in mapping, landowner research, and legal descriptions

Capabilities and Qualifications



STREET AND ROADWAY DESIGN SERVICES

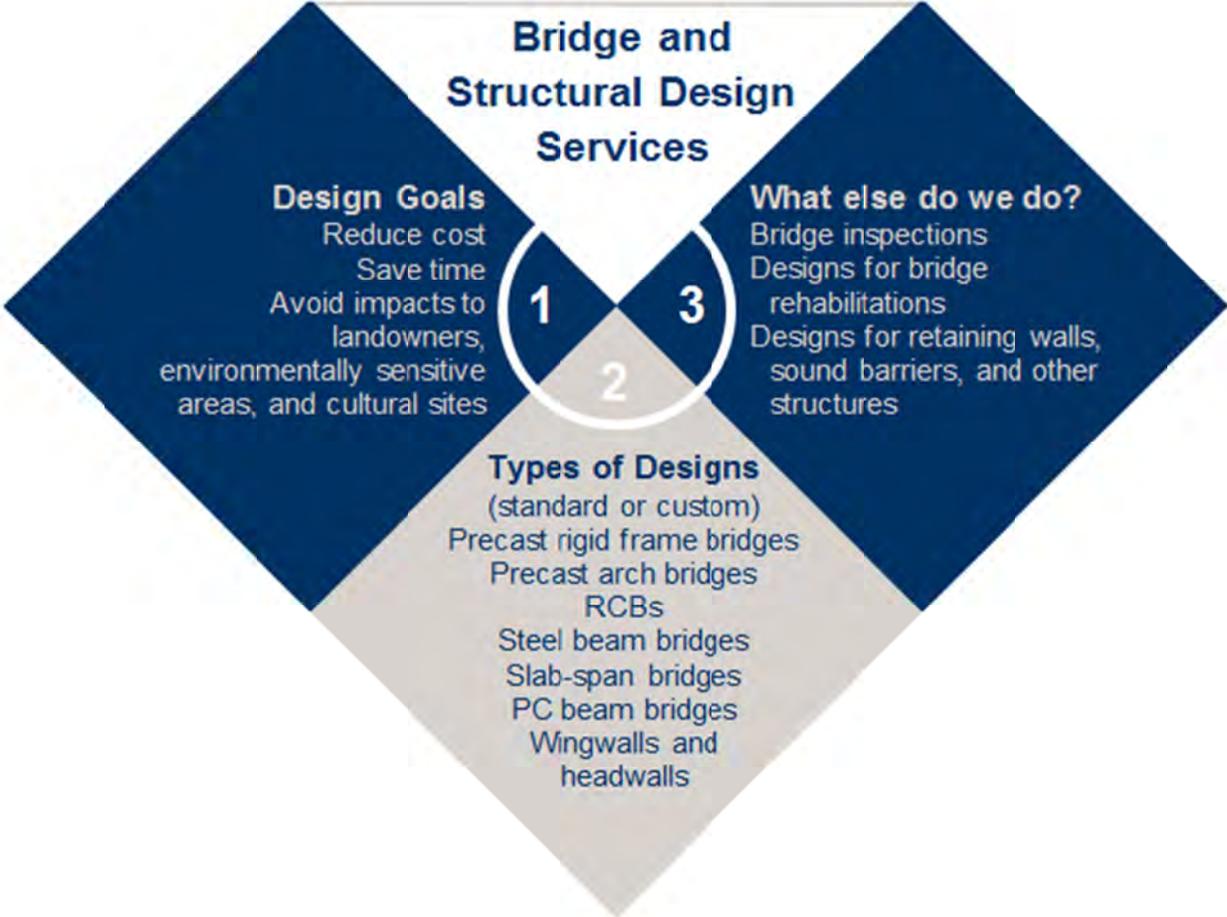
GUY Engineering's **29 years of roadway design experience** includes curb and gutter streets, overlays, widenings, and reconstructions.





BRIDGE AND STRUCTURE DESIGN SERVICES

GUY has designed bridges over water, highways, and railroads. This includes designs for new bridges and bridge rehabilitations. Two of our projects have been nominated for Pharaoh Awards, ODOT Bridge of the Year; one project was a finalist.



Capabilities and Qualifications



SURVEYING

GUY's survey department produces quality design-ready surveys for both in-house use and for other engineering firms. Our surveyors use the latest field equipment and software to produce rigorous surveys, plats, legal descriptions, and route maps.

UTILITY RELOCATION COORDINATION

Relocating utilities can become a construction roadblock. For over 20 years, GUY has helped our clients avoid such roadblocks through services such as

- Utility relocation coordination
- Utility data for conceptual designs
- Utility reconnaissance reports
- Utility locating
- Utility inspection

DRAINAGE INFRASTRUCTURE DESIGN SERVICES

GUY designs solutions that help our clients manage overland drainage and storm water. We have been preparing storm water designs and providing hydraulics and hydrology services for over two decades. Our experienced staff can design new storm water systems along curb and gutter streets in both residential and commercial areas.



*With our in-house surveying and utility relocation teams, you benefit from **one consistent presence** through the entire project process, from planning and design to utilities and letting.*

Past Performance



GUY offers extensive experience working with Oklahoma counties, including

- County bridge design
- County roadway design
- Utility relocation coordination
- Surveys
- Structural engineering
- Hydraulics/hydrology studies and reports
- Drafting

Highlights of specific recent and relevant projects are outlined below, while more details are located in the attached 255 form.

36th Street North Phases I and II	
Location	Division VIII – Osage County
Completion Date	2013
Cost (thousands)	\$7,500
Relevant services	<ul style="list-style-type: none"> ▪ Survey ▪ Roadway design ▪ Standard county bridge design ▪ Hydraulic modeling ▪ Utility relocation coordination ▪ Geotechnical investigation
BR 238 Blackburn Bridge over Arkansas River	
Location	Division VIII - Osage and Pawnee Counties
Completion Date	2012
Cost (thousands)	\$6,600
Relevant services	<ul style="list-style-type: none"> ▪ Survey ▪ Geotechnical investigation ▪ Bridge hydraulics ▪ Roadway geometrics



BR 85 Connors over Neosho River	
Location	Division VIII - Ottawa County
Completion Date	2010
Cost (thousands)	\$4,221
Relevant services	<ul style="list-style-type: none"> ▪ Survey staking ▪ Bridge and roadway design ▪ Structural foundations ▪ Utility relocation coordination ▪ NEPA and 404 permitting
BR 20 over Clear Boggy Creek	
Location	Division II - Choctaw County
Completion Date	2014
Cost (thousands)	\$3,100
Relevant services	<ul style="list-style-type: none"> ▪ Bridge and roadway geometrics ▪ Bridge and roadway design ▪ Shoofly design ▪ 404 permit ▪ Utility relocation coordination
Old US-64 Overlay; BR 87 and BR 88 Replacements	
Location	Division I - Sequoyah County
Completion Date	2017
Cost (thousands)	\$2,995
Relevant services	<ul style="list-style-type: none"> ▪ Survey ▪ Roadway geometrics and design ▪ Bridge replacement design ▪ Hydrology and hydraulics ▪ 404 permitting ▪ Utility relocation coordination



Past Performance



Chimney Rock Road Phase I	
Location	Division VIII – Mayes County
Completion Date	2012
Cost (thousands)	\$2,900
Relevant services	<ul style="list-style-type: none"> ▪ Survey ▪ Roadway and geometric design ▪ Hydrologic analysis ▪ 404 permit ▪ Geotechnical investigation ▪ Aerial photography
BR 171 over Brazil Creek	
Location	Division II - LeFlore County
Completion Date	2015
Cost (thousands)	\$1,693
Relevant services	<ul style="list-style-type: none"> ▪ Bridge and roadway geometrics and design ▪ 404 permit ▪ Geotechnical investigation ▪ Utility relocation coordination
BR 24 over Opossum Creek	
Location	Division VIII – Nowata County
Completion Date	2014
Cost (thousands)	\$1,512
Relevant services	<ul style="list-style-type: none"> ▪ Survey ▪ Environmental ▪ Structural design ▪ Hydrology and hydraulics ▪ Bridge and roadway geometrics and design ▪ Geotechnical investigation ▪ Utility relocation coordination



Past Performance



BR 50 over Big Cabin Creek

Location	Division VIII - Craig County	
Completion Date	2011	
Cost (thousands)	\$920	
Relevant services	<ul style="list-style-type: none"> ▪ Bridge and roadway geometrics ▪ Bridge and roadway design ▪ Survey ▪ Hydrology and hydraulics ▪ Geotechnical investigation ▪ Utility relocation coordination ▪ 404 permit 	

BR 141 over Island Bayou

Location	Division II - Bryan County	
Completion Date	2014	
Cost (thousands)	\$590	
Relevant services	<ul style="list-style-type: none"> ▪ Bridge and road geometrics ▪ Bridge and roadway design ▪ 404 permit ▪ Geotechnical investigation ▪ Utility relocation coordination 	

Verifiable References



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Appendix A: 255 Form





STATE OF OKLAHOMA

Consultant Services For A Specific Project

1. Project Name/Location for which firm is filing:
EC-1813
Oklahoma Department of Transportation
Statewide
Pre-Qualification for County Engineering Services

2a. Date of Announcement:
July 15, 2016

2b. Agency originating announcement:
Oklahoma Department of Transportation
200 NE 21st Street
Oklahoma City, OK 73105

3. Firm (or Joint-Venture) Legal Name and Address:
GUY Engineering Services, Inc.
10759 E Admiral Pl
Tulsa, OK 74116

3c. Name, Title, & Telephone Number of Principal Contact:
John E. Blickensderfer, President
918.437.0282

3a. Certificate of Authority Number: 1427

3d. Address of office to perform work if different from Item 3:

3b. FEI/Tax ID Number: [REDACTED]

4. Personnel by Discipline: (List each person only once, by primary function.)

- 6 Administrative
Architects
4 CAD/CADD Technicians
Chemical Engineers
11 Civil Engineers
Construction Inspectors
Draftsmen
Ecologists
Economists
Electrical Engineers
Estimators
Geologists
Hydrologists
Interior Designers
Landscape Architects
1 Land Surveyors
Mechanical Engineers
Mining Engineers
Planners: Urban/Regional
Sanitary Engineers
Soil Engineers
Specification Writers
1 Structural Engineers
Surveyors
2 Engineer Interns
2 Survey Technicians
1 Land Survey Intern
1 Utility Coordinator
4 Survey/Field Data Collection Techs
3 Utility Field Inspectors
36 Total Personnel

5. If submittal is by a JOINT-VENTURE, list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: All firms and the joint venture MUST be registered with Construction and Properties, Division of Capital Assets Management, 2401 N. Lincoln Blvd., Suite 212, P. O. Box 53448, Oklahoma City, OK 73152-3448.

5a. Has this Joint-Venture previously worked together? [] Yes [] No If YES, how many times? _____

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: John E. Blickensderfer, PE, CFM, LSI - President	a. Name and Title: Roy Aaron Peck, PE - Vice-President, Operations
b. Project Assignment: Principal-in-charge	b. Project Assignment: Senior Civil Engineer
c. Name of firm with which associated: 	c. Name of firm with which associated: 
d. Years experience: With this firm 9 With other firms 11	d. Years experience: With this firm 12 With other firms 0
e. Education: Degree(s)/Year/Specialization Bachelor of Science / 1988 / Civil Engineering	e. Education: Degree(s)/Year/Specialization Bachelor of Science / 2004 / Civil Engineering
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Oklahoma / 2001 / Civil Engineering / 20212 Oklahoma / 1992 / Land Surveyor Intern / 21 Oklahoma / 2008 / Certified Floodplain Manager / OK-08-00003 Oklahoma Certificate of Authority (if any): 1427	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number Oklahoma / 2009 / Civil Engineering / 23988 NHI Course # 130055 Safety Inspection for In-Service Bridges - 2008 NHI Course # 130078 Fracture Critical Inspect. Techniques for Steel Bridges - 2008 NHI Course No. 135045 Stream Stability and Scour at Highway Bridges - 2010 Oklahoma Certificate of Authority (if any): 1427
g. Other experience and qualifications relevant to the proposed project: Mr. Blickensderfer's experience includes project and construction management, roadway design, hydrology and hydraulic analyses, drainage analysis, right-of-way coordination, 404 permits, NEPA coordination, and project reconnaissance. As Program Manager for Circuit Engineering District #1, he helped 33 County Commissioners in 11 counties with developing and funding county bridge and roadway projects; served as liaison with ODOT; and provided technical assistance with culvert design, bridge repairs, collector designation, policy directives, and environmental processes. BRIDGES <ul style="list-style-type: none"> 18 state highway bridge replacements with approach roadway 56 county CIRB bridge replacements with approach roadway ROADWAY <ul style="list-style-type: none"> 4 county CIRB and Tribal roadway projects SH-63 in Talihina, OK, six mile state highway HYDRAULICS/HYDROLOGY <ul style="list-style-type: none"> Master drainage plan for Little Joe Creek and Joe Creek, east and west branches Turner Park and Brookhollow detention facilities Bridge hydraulic reports for numerous CIRB projects Hickory Creek development, drainage analysis, City of Sapulpa, OK CITY DESIGN <ul style="list-style-type: none"> 6th Street revitalization, City of Tulsa, drainage and redevelopment plan BR 46 over Sahoma Lake, City of Sapulpa, OK West 49th Street bridge over Harlow Creek, City of Tulsa BRIDGE INSPECTION <ul style="list-style-type: none"> Off-system safety bridge inspection, Certified Team Leader MILITARY Colonel Blickensderfer served as the Deputy JTF Commander for the Oklahoma National Guard. As Base Engineer for the Tulsa Air National Guard base for 13 years, he was responsible for all infrastructure, licenses, and leases for an 80 acre industrial complex with more than 40 facilities totaling over 360,000 square feet. His responsibilities included planning, design, construction, and maintenance of all water, drainage, sewer, electrical, steam, natural gas, and communication utility systems.	g. Other experience and qualifications relevant to the proposed project: Mr. Peck has been the Program Manager of GUY Engineering's inspection program for the past two and a half years and a team leader for the past six years. Mr. Peck has been the Team Leader on 3,000+ inspections. Mr. Peck's experience at GUY Engineering includes site design, hydraulic analysis, quantity calculations and cost estimates, roadway design, drainage analysis, waterline design and mapping, and right-of-way coordination. Mr. Peck has been a part of the design effort as project manager or designer on more than 40 county bridge design projects and was a key designer on five county or city roadway projects. He has overseen designs replacing existing bridges with multi-span concrete beam bridges and three sided boxes and conventional box culverts. He performs design and plan review with standards compliance. LOAD POSTING ASSISTANCE PROGRAM Assisted multiple counties by load posting bridges during the onsite safety inspection. This ensures they are properly posted in accordance with FHWA guidelines COUNTY DESIGN <ul style="list-style-type: none"> SH-88, Rogers CountyDesigned reconstruction of two lane highway to a 4 lane divided highway for approximately 3 miles. Created design summary tables and quantified pay items.R 251 over Guesso Creek, Osage County Br 246 over Quapaw Creek, Osage County Br Replacing LWV over Birch Creek, Osage County Br 31 over West Fork Of Big Cabin, Craig County Br 50 over Big Cabin Creek, Craig County Br 102A over Snake Creek, Mayes County Br Replacing LWC over California Creek, Nowata County Designed to replace existing bridges and approach roadways. Multiple span concrete beam bridges with piers and pier columns. Developed pay quantities and cost estimates. Performed design review and standards compliance.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT .			
a. Name and Title: Rebecca Alvarez, PE, CFM Senior Civil Engineer			
b. Project Assignment: Senior Engineer		a. Name and Title: Britt Simmons, PE, PhD Senior Bridge Engineer	
c. Name of firm with which associated: 		b. Project Assignment: Senior Engineer	
d. Years experience: With this firm 7		c. Name of firm with which associated: 	
With other firms 1.5		d. Years experience: With this firm .5	
With other firms 26			
e. Education: Degree(s)/Year/Specialization Bachelor of Science / 2005 / Civil Engineering Masters of Science / 2007 / Biosystems Engineering		e. Education: Degree(s)/Year/Specialization Bachelor of Science / 1989 / Civil Engineering Master of Science / 1993 / Civil Engineering PhD / 1995 / Structural Engineering	
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Oklahoma / 2011 / Civil Engineering / 24916 Oklahoma / 2014 / Certified Floodplain Manager / OK-14-00001 ADA Compliance Review #OKC120914ADA454 (Exp. 12/2017) Oklahoma Certificate of Authority (if any): 1427		f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Oklahoma / 2000 / Civil Engineering / 24576 Oklahoma Certificate of Authority (if any): 1427	
g. Other experience and qualifications relevant to the proposed project: Ms. Alvarez has experience in project management, roadway geometric and hydraulic design, storm sewer design, county bridge design, traffic control layouts and design, hydrologic studies, construction cost estimating, construction sequencing, signing and striping, technical spec/bid package preparation, flood plain mapping, and quality control. She has worked with Federal, State, County, City, and Tribal entities and with various funding sources including STP, CIRB, CDBG, and FEMA. RURAL <ul style="list-style-type: none"> ▪ 193rd East Ave alignment analysis and design, Rogers County ▪ Reconstruct and widen 2 roads and design storm sewer, Osage County and Osage Nation ▪ Rehabilitate 3 miles of LB May & Old SH-99 for Osage Nation and Osage County ▪ Replace low water crossing with 3-span PC Beam bridge, replace BR-22, and overlay roadway on Barrington Hollow Rd, Cherokee County ▪ Remove and replace 2 bridges and overlay roadway, Sequoyah County, CED#2 ▪ Realign and replace low water crossing at Fourteenmile Creek, Cherokee County ▪ Realign and replace BR-19 with an 800ft bridge, Choctaw County ▪ Replace BR-15 with a 65ft steel arch bridge, Pawnee County ▪ Reconstruct 3/4 mi of 630 Road for Quapaw Tribe ▪ Quapaw to Peoria overlay, signage, and guardrail, Ottawa County ▪ Resurface and drain 6 miles of Airport Road, Pawnee County TRAFFIC CONTROL Roadway and traffic control design for over 20 ODOT State and Federal bridge rehabilitation projects MUNICIPAL <ul style="list-style-type: none"> ▪ Channel improvements and sewer rehabilitation, City of Stillwater ▪ Crow Creek Drainage Improvements for City of Tulsa – complex storm sewer and roadway replacement that used FEMA Hazard Mitigation funds ▪ Existing storm sewer analysis and proposed design for 3 City of Tulsa projects ▪ Mingo Creek access improvements and bank stabilization for City of Tulsa ▪ Widening of Tucson Street for City of Broken Arrow – 1 mile curb and gutter with two bridge-size RCB replacements and storm sewer design <ul style="list-style-type: none"> ▪ Maintenance Zone 2065(E) curb and gutter reconstruction in City of Tulsa 		g. Other experience and qualifications relevant to the proposed project: Mr. Simmons has 26 years of experience in bridge design, analysis of new bridges, and bridge rehabilitations. His expertise includes using straight and curved steel beams (steel I-beams and continuous steel plate girders), prestressed concrete I-beams, prestressed concrete box beams, prestressed concrete slab beams, reinforced concrete slab spans, reinforced concrete box culverts (cast-in-place and precast), and precast reinforced concrete 3-sided (bottomless) box culverts. Mr. Simmons has designed bridges for state, county and city infrastructures in Oklahoma, Ohio, and West Virginia. Mr. Simmons' skill areas include project management, concrete and steel bridge design, bridge rehabilitation design, structural analysis and load rating. Representative projects are highlighted below: BRIDGE REPLACEMENTS Performed structural design and prepared bridge plans for the following bridges: <ul style="list-style-type: none"> • US-60 over Verdigris River (6-span prestressed concrete beam bridge) • US-266 over Putty Creek (2-span prestressed concrete beam bridge) • SH-82 over Fourteen Mile Creek (3-span prestressed concrete beam bridge) • SH-82 over Thompson Branch (3-span prestressed concrete beam bridge) • US-64 over Union Pacific Railroad (3-span prestressed concrete beam bridge) • US-59 over Elm and Russell Creeks (single-span prestressed concrete beam bridge and 3-span prestressed concrete beam bridge) • SH-63 over Billy Creek (3-span prestressed concrete beam bridge) • SH-2 over Beaver Creek (3-span prestressed concrete beam bridge) • US-271 over Hardy Creek (special designed RCB stepping from triple 14ftx8ft to triple 14ftx10ft) ODOT STATEWIDE BRIDGE REDECKING AND REHABILITATION Conducted field reviews and in-depth inspections, developed Field Assessment Reports, performed structural design, and prepared contract plans for state bridge rehabilitation projects.	

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT .			
a. Name and Title: Russell Dixon, PE – Senior Civil Engineer			
b. Project Assignment: Senior Engineer		a. Name and Title: John Worman, PE – Senior Civil Engineer	
c. Name of firm with which associated: 		b. Project Assignment: Senior Engineer	
d. Years experience: With this firm 6 With other firms 30		c. Name of firm with which associated: 	
e. Education: Degree(s)/Year/Specialization Bachelor of Science / 1978 / Civil Engineering		d. Years experience: With this firm 3 With other firms 35	
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Oklahoma / 1985 / Civil Engineering / 14020 Oklahoma Certificate of Authority (if any): 1427		e. Education: Degree(s)/Year/Specialization Bachelor of Science / 1976 / Civil Engineering Graduate Studies / 1976-1977 / Structural Engineering	
g. Other experience and qualifications relevant to the proposed project: Mr. Dixon's experience includes street and roadway design and bridge replacements and project management work including coordinating survey, geotechnical, and structural support; public meetings; evaluating options for sections and alignments; managing production staff; QA/QC; and assisting in advertising for construction. URBAN RECONSTRUCTION – ARTERIAL STREET PROJECTS <ul style="list-style-type: none"> ▪ South Mission Road (Country Club Drive to Highway 62), Okmulgee ▪ East Apache Street (Lewis Ave to Harvard Ave), Tulsa ▪ Tucson Street (Aspen Ave to Elm Place), Broken Arrow ▪ East 21st Street (Peoria Ave to Lewis Ave), Tulsa ▪ North Lewis Ave (36th Street North to 46th Street North), Tulsa RURAL RECONSTRUCTION – COUNTY PROJECTS <ul style="list-style-type: none"> ▪ 36th Street North Phase II, Osage County ▪ Chimney Rock Road Phase 1 & 2, Mayes County URBAN CONSTRUCTION – ARTERIAL STREET PROJECTS WITH OTHER FIRMS <ul style="list-style-type: none"> ▪ South Garnett Road (11th Street to Admiral Place), Tulsa ▪ East Admiral Place (I-44 to 145th East Ave), Tulsa ▪ East 11th Street (I-44 to 129th East Ave), Tulsa ▪ Houston Street (Garnett Road to Aspen Ave), Broken Arrow ▪ Albany Street and Elm Place Intersection, Broken Arrow ▪ Albany Street. (Broken Arrow Expressway to Elm Place), Broken Arrow ▪ Elm Place (Albany to Reserve/Battle Creek Subdivision), Broken Arrow ▪ East Kenosha Street and South Elm Place Intersection, Broken Arrow ▪ East Albany Street (9th Street to 23rd Street), Broken Arrow ▪ North Memorial Drive (Admiral Place to Pine Street), Tulsa ▪ Harvard Ave (21st Street to 11th Street), Tulsa ▪ East 11th Street (129th East Ave to 145th East Ave), Tulsa ▪ East Admiral Place (Garnett Road to 129th East Ave), Tulsa ▪ North 129th East Ave (Pine Street to Apache Street), Tulsa ▪ 145th East Ave (11th Street to 41st Street), Tulsa URBAN RECONSTRUCTION – NON-ARTERIAL STREET PROJECTS <ul style="list-style-type: none"> ▪ Non-Arterial Street Maintenance Regency Park West (Maintenance Zone 5048), Tulsa 		f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number Oklahoma / 1989 / Civil Engineering / 15497 Virginia / 1987 / Civil Engineering Missouri / 2005 / Civil Engineering Kansas / 1990 / Civil Engineering Oklahoma Certificate of Authority (if any): 1427	
g. Other experience and qualifications relevant to the proposed project: Mr. Worman has experience managing a transportation group for numerous highway projects and transportation enhancement projects, as well as experience as a quality control manager. The highway project road classifications have ranged from rural local roads to urban freeways. Freeway projects include approximately 15 interchanges, in design and as project manager. During the past 33 years, Mr. Worman has worked almost exclusively in highway design. ODOT TRANSPORTATION PROJECTS <ul style="list-style-type: none"> ▪ Project Manager for 9 ODOT projects NORTHEAST OK COUNTY PROJECTS Project Manager for 35 road and bridge projects in 7 counties. Four projects involve Cherokee Nation or Osage Nation funding. Five projects will be let in fall 2015. RELEVANT EXPERIENCE WITH OTHER FIRMS <ul style="list-style-type: none"> ▪ K-18, KDOT - PM for project to upgrade K-18 to a 4-lane freeway. ▪ I-435/US-69 Improvements, KDOT - PM for preliminary design of project to upgrade capacity for approximately 7 miles of urban freeway. ▪ Broken Arrow (OK) South Loop; Oklahoma Turnpike Authority - Project Engineer for 21.1 mi feasibility study, preparing functional plans for 12.5 mi. PM for final design, designing 1 contract and coordinating remaining 5. ▪ Drainage Improvements, Norman, OK; University of Oklahoma - PM for \$2.5 million project, including approximately 3,000ft of conduit. ▪ Transportation Plan; City of Grove, OK - Project Engineer to prepare transportation plan, manage an origin-destination study, and model traffic. ▪ Arkansas River Bridge; Jenks, OK - PM for bridge at 96th Street including street improvements on the west bank. ▪ Broadway Extension (US-77); City of Edmond, OK - Project Engineer for project to widen 1 mile of urban arterial from 4 to 6 lanes in the business district. ▪ South Sheridan Road (61st to 71st); City of Tulsa, OK - Project Engineer for project to widen 1 mile of secondary arterial from 2 to 5 lanes. 			

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT .	
a. Name and Title: Rob Haskins, PE Senior Civil Engineer	
b. Project Assignment: Utility Coordination Manager	
c. Name of firm with which associated: 	
d. Years experience: With this firm 13 With other firms 24	
e. Education: Degree(s)/Year/Specialization Bachelor of Science / 1982 / Civil Engineering Master of Science / 1984 / Civil Engineering	
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Oklahoma / 1989 / Civil Engineering / 15575 Oklahoma Certificate of Authority (if any): 1427	
g. Other experience and qualifications relevant to the proposed project: Mr. Haskins has devoted much of his career to designing general civil engineering projects. He has provided studies and designs for projects involving storm drainage, wastewater collection and water distribution, site layout, grading, drainage paving, utilities, roads, streets, and highways. His current duties focus on utility coordination and management for state, county, and municipal transportation projects. He has been responsible for contract negotiations, project scoping and consultant selection, and project scheduling and budgeting. PROJECT RECONNAISSANCE DATA COLLECTION Supervised the gathering of utility location information and ensuring the information was indicated correctly on the geo-referenced maps for over 100 reports. OK DOT UTILITY RELOCATION PROJECTS Project management of utility relocations including making suggestions on design revisions to save state dollars, encourage and motivate utility companies to meet ODOT deadlines, review files and proposals for accuracy, ensuring that all documents meet the state and federal relocation rules, and assist ODOT in getting projects ready for construction. <ul style="list-style-type: none"> State highway projects in 26 counties County bridge and roadway projects in 15 counties TRANSPORTATION-RELATED PROJECTS Arterial Street Maintenance, Peoria Avenue, City of Tulsa Rehabilitation of 4-lane arterial street. Project included survey, geotechnical investigation, evaluation of existing paving for repair, surface overlay, curb and gutter, drainage structures, sidewalk, striping, and replacement of traffic signals. Arterial Street Design, 9th Street, Broken Arrow, OK Provided street and drainage design for widening and resurfacing 9 th Street. Project included the 9 th Street and 61 st Street intersection. Elm Creek – 6th Street Detention Pond, Tulsa, Ok Project manager and lead engineer for the design of a 53 acre ft storm water storage facility in Centennial Park. Multi-disciplined project team consisted of civil, structural and electrical engineers; hydrologists, planners, and landscape architects. This project was the first in a series of three detention facilities in the Elm Creek Basin.	
a. Name and Title: Ryan Bellatti, PE, CFM Civil Engineer	
b. Project Assignment: Civil Engineer	
c. Name of firm with which associated: 	
d. Years experience: With this firm 1 With other firms 10	
e. Education: Degree(s)/Year/Specialization Bachelor of Science / 2007 / Civil Engineering	
f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number Oklahoma / 2012 / Civil Engineering / 25797 Oklahoma / 2013 / Certified Floodplain Manager / OK-13-00002 ADA Compliance Review #OKC31114ADA338 (Exp. 3/2017) Oklahoma Certificate of Authority (if any): 1427	
g. Other experience and qualifications relevant to the proposed project: Mr. Bellatti has professional experience in project management, county bridge design, roadway geometric and hydraulic design, storm sewer design, hydrologic studies, construction cost estimating, construction sequencing, traffic control plans, signing and striping, utility relocation coordination, and quality control. He has worked with State, County, City, and Tribal entities and with various funding sources including STP, CIRB, and ACOG. STATE Bridge replacement projects in 4 counties for ODOT Divisions 5 and 6. COUNTY <ul style="list-style-type: none"> Realignment and replacement of Carpenter's Bluff Bridge over the Red River. This project involved working with TXDOT. Realignment and replacement of Belford Bridge over the Arkansas River Reconstruction of Red Rock Road including 12 mi grade, drain, and surface Reconstruction of 2 miles of Country Club Road Widening and reconstruction of 3 miles of roadway – one mile of open section, two miles of curb & gutter Widening and reconstruction of Luther Road – six miles of grade, drain, surfacing, and two bridge replacements Two triple span bridge replacements over Skeleton Creek Widening of Country Club Road – 2 miles of curb and gutter with storm sewer design Widening of Coltrane Road – one mile of curb and gutter with storm sewer design; four miles of open section roadway with ditches and RCB drainage structures Bridge replacement over Finn Creek, McClain County MUNICIPAL <ul style="list-style-type: none"> Widening of Morgan Road – one mile curb and gutter with storm sewer design, City of Oklahoma City Widening of Kerr Lab Road – one mile curb and gutter with storm sewer design, City of Ada 	

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT .				
a. Name and Title: Dustin McNally Vice-President - Surveying			a. Name and Title:	
b. Project Assignment: Survey Manager			b. Project Assignment:	
c. Name of firm with which associated: 			c. Name of firm with which associated:	
d. Years experience: With this firm	8		With other firms	9
e. Education: Degree(s)/Year/Specialization Associate of Applied Science / 2002 / Survey Science			e. Education: Degree(s)/Year/Specialization	
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Oklahoma / 2006 / Land Surveyor / 1636 Oklahoma Certificate of Authority (if any): 1427		f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number Oklahoma Certificate of Authority (if any):		
g. Other experience and qualifications relevant to the proposed project: Mr. McNally manages field and office operations for GUY's survey division. GUY's survey team regularly performs topographic design surveys for roads, bridges, utilities and site plans; providing underground utility data from field investigation and atlas information; boundary surveys requiring extensive research into deeds, plats, right-of-way documents, previous highway plans and GLO notes, staking proposed right-of-way, and coordination with engineers and supervising agencies. GUY's survey team regularly produces design surveys for cities, counties, and transportation departments to aid in their infrastructure improvements.		g. Other experience and qualifications relevant to the proposed project:		
<p>ODOT ROADWAY SURVEYS</p> <ul style="list-style-type: none"> ▪ US-412 Woodward County, JP 10061 and 10067 ▪ SH-11 Southeast of Avant, Osage County, JP 24266 ▪ US-75 Weleetka to I-40, Okfuskee County, JP 12972 ▪ US-287 Boise City Square, Cimarron County, JP 20941 ▪ SH-152 near Dill City, Washita County, JP 27914 <p>ODOT BRIDGE SURVEYS</p> <p>Over 20 surveys completed; examples include the following:</p> <ul style="list-style-type: none"> ▪ SH-125 Bridge over Unnamed (Hudson) Creek, Ottawa County, JP 24276 ▪ US-271 Bridge over Fourche Maline, LeFlore County, JP 27907 ▪ SH-85A Bridge over Horse Creek, Delaware County, JP 28856 ▪ US-266 Bridge over Putty Creek, McIntosh County, JP 21731 ▪ US-266 Bridge over Wayne Creek, McIntosh County, JP 28390 ▪ SH-63 Bridge over Billy Creek, LeFlore County, JP 28004 ▪ US-270 Bridge over Caston Creek, LeFlore County, JP 28005 ▪ US-271 Bridge over Fourche Maline, LeFlore County, JP 27907 ▪ SH-55 Bridge over Little Elk Creek, Washita County, JP 27902 ▪ US-81 Bridge over U.P.P.R, Kingfisher County, JP 29849 ▪ SH-8 Bridge over Driftwood Creek, Alfalfa County, JP 27943 ▪ SH-20 Bridge over Spavinaw Creek, Mayes County, JP 28851 <p>ODOT PEDESTRIAN IMPROVEMENT SURVEYS</p> <ul style="list-style-type: none"> ▪ Fairfax Pedestrian Improvements, Osage County ▪ Quapaw Pedestrian Improvements, Ottawa County ▪ Locust Grove Pedestrian Improvements, Mayes County 				

7. Work by firm or members which best illustrates current qualifications relevant to THIS PROJECT (list not more than 10 projects).						
a. Project Name and Location	"P", "C", "JV" or "I"	b. Nature Of Firms Responsibility	c. Project Owner's Name and Address	d. Completion Date	e. Est. Cost (000's)	
					Entire Project	Firm's Portion
1. West 36th Street North - Phase I & II BIA G00-4161(1) B,G,S Division VIII - Osage County	C	Survey, roadway design, hydraulic modeling, standard country bridge design, right-of-way mapping, right-of-way acquisition assistance, waterline design, utility relocation coordination	Osage County PO Box 87 Pawhuska, OK 74056	2013	\$7,500	\$328
2. BR 238 Blackburn Bridge over Arkansas River Division VIII - Osage and Pawnee Counties JP 23480	C	Survey, bridge hydraulics, geotechnical investigations, roadway geometrics, right-of-way acquisition assistance, structural engineering	Osage County PO Box 87 Pawhuska, OK 74056 Pawnee County 500 Harrison, Room 104 Pawnee, OK 74058	2012	\$6,600	\$199
3. BR 85 Connors over Neosho River Division VIII - Ottawa County JP 22896	C	Survey staking, bridge and roadway design, structural foundations, utility relocation coordination, NEPA, 404 permitting	Ottawa County 102 East Central Suite 202 Miami, OK 74354	2010	\$4,221	\$46
4. BR 20 over Clear Boggy Creek Division II - Choctaw County JP 24820	C	Bridge and road geometrics and design, right-of-way determination, 404 permit, utility relocation coordination, geotechnical investigation	Choctaw County 300 East Duke Hugo, OK 74743	2014	\$3,100	\$168
5. Old US-64 Overlay; BR 87 and BR 88 Replacements Division I - Sequoyah County JP 28515	C	Survey, roadway geometrics and design, bridge replacement design, hydrology and hydraulics, environmental, 404 permitting, utility relocation coordination,	Sequoyah County 476010 Old Highway 64 Muldrow, OK 74948	2017	\$2,955	\$190
6. Chimney Rock Road Phase I Division VIII – Mayes County JP 25417	C	Survey, roadway design, hydrologic analysis, storm sewer system design, 404 permit, stormwater pollution prevention plan, geotechnical investigation	Mayes County Commission One Court Place, Suite 140 Pryor, OK 74361	2012	\$2,900	\$198
7. BR 171 Brazil Creek Division II - LeFlore County JP 25097	C	Bridge and road geometrics and design, 404 permit, geotechnical investigation, utility relocation coordination	LeFlore County PO Box 607 Poteau, OK 74953	2015	\$1,693	\$128
8. BR 24 over Opossum Creek Division VIII – Nowata County JP 27818	C	Survey, NEPA, structural design, hydrology and hydraulics, bridge and road geometrics and design, geotechnical investigation, utility relocation coordination	Nowata County 229 North Maple Street Nowata, OK 74048	2014	\$1,512	\$100
9. BR 50 Big Cabin Creek Division VIII - Craig County JP 23418	C	Bridge and roadway geometrics and design, survey, hydrology and hydraulics, utility relocation coordination, geotechnical investigation, 404 permit	Craig County 210 West Delaware, Suite 106 Vinita, OK 74301	2011	\$920	\$51
10. BR 141 over Island Bayou Division II - Bryan County JP 22488	C	Bridge and road geometrics and design, 404 permit, geotechnical investigation, utility relocation coordination, cost estimating	Bryan County 323 West Beech Street Durant, OK 74701	2014	\$590	\$41

7. Work by firm or members which best illustrates current qualifications relevant to THIS PROJECT.

Project Name and Location	Project Owner's Name and Address and Project Manager's Name and Phone	Completion Date (Actual or Estimated)	
<p align="center">West 36th Street North - Phase I & II Grade, Drain & Surface BIA G00-4161(1) B,G,S Division VIII - Osage County</p>	<p align="center">Osage County PO Box 87 Pawhuska, OK 74056 Commissioner Scott Hilton, District 2 918.396.2747</p>	2013	
		Estimated Cost (in thousands)	
		Entire Project	Firm's Portion
		\$7,500	\$328

SCOPE: Phase I of this project included reconstructing 36th Street North from the Osage Expressway to North Osage Drive, while Phase II included reconstructing Osage Drive from West 36th Street North to West 43rd Street North and reconstructing West 43rd Street North from Osage Drive to North 41st West Ave.

These projects, located in a hilly area of Osage County, required approximately 40 property acquisitions and multiple utility relocations. It included two intersection designs and replacing a span bridge over Flat Rock Creek. Key design elements included the following:

- 105ft single span PC beam bridge
- 2-11ft by 4.5ft RCB bridge
- Significant horizontal and vertical alignment changes
- Urbanized intersection layouts
- Addition of a new 12-inch water main that supports the Osage County RWD 15 supply system to the north

This project was coordinated with and constructed by the Osage Nation.

- SERVICES:**
- Survey
 - Roadway design
 - Hydraulic modeling
 - Standard country bridge design
 - Right-of-way mapping
 - Right-of-way acquisition assistance
 - 12-inch waterline design for the City of Tulsa
 - Utility relocation coordination

SUB-CONSULTANTS: ▪ Terracon – Geotechnical



Phase I Construction Complete in 2009



Phase II Construction Complete in 2013

7. Work by firm or members which best illustrates current qualifications relevant to THIS PROJECT.

Project Name and Location	Project Owner's Name and Address and Project Manager's Name and Phone	Completion Date (Actual or Estimated)	
<p align="center">BR 238 Blackburn Bridge over Arkansas River Bridge, Grade, Drain and Surface Division VIII - Osage and Pawnee Counties JP 23480</p>	<p align="center">Osage County PO Box 87 Pawhuska, OK 74056 Commissioner Darren McKinney, District 3 918.287.2615 and Pawnee County 500 Harrison, Room 104 Pawnee, OK 74058 Commissioner Jim McCormick, District 2 918.762.3741</p>	2012	
		Estimated Cost (in thousands)	
		Entire Project	Firm's Portion
		\$6,600	\$199

SCOPE: This project was for replacing a 1,300ft historic truss bridge rated at 10 tons. Because the existing bridge was historic, Section 4(f) and Oklahoma Historic Preservation Office research and paperwork was required to remove the bridge and allow construction of the new bridge. Special pier designs were required due to bridge height and water conditions.

GUY Engineering provided design for 2,455ft of urban roadway, 2,725ft rural roadway, 9 -145ft span bridge, and a 4,329ft overlay along a rural roadway over the Arkansas River in the backwater of Keystone Lake. Roadway design included 2,455ft of new roadway construction through the town of Blackburn. This semi-urban roadway design required care to not impact residences and historic businesses. Most of the urban roadway design remained within present right-of-way conditions, minimizing impact on private property.

Various alignments were studied and presented to the citizens in the town of Blackburn at two public meetings. The selected alignment was a combination of the options presented.

NEPA certification studies and reports were provided through this contract. Survey services included extensive topographic survey through a rural community and un-platted area.

- SERVICES:**
- Survey
 - Bridge hydraulics
 - Geotechnical investigations
 - Roadway geometrics
 - Right-of-way acquisition assistance
 - Structural engineering

- SUBCONSULTANTS:**
- Meshek & Associates (DBE) – Bridge Hydraulics
 - Terracon – Geotechnical & Environmental
 - White Engineering Associates – Structural

Governor's Commendation 2012



7. Work by firm or members which best illustrates current qualifications relevant to THIS PROJECT.

Project Name and Location	Project Owner's Name and Address and Project Manager's Name and Phone	Completion Date (Actual or Estimated)	
<p style="text-align: center;">BR 85 Connors over Neosho River Bridge & Approaches Division VIII - Ottawa County JP 22896</p>	<p style="text-align: center;">Ottawa County 102 East Central Suite 202 Miami, OK 74354 Commissioner Russell Earls 918.676.3227</p>	2010	
		Estimated Cost (in thousands)	
		Entire Project	Firm's Portion
		\$4,221	\$46

SCOPE: This bridge is located 2.0 miles north of US-60 and 2.0 miles west of SH-137. The original truss bridge had an operating rate of 3 tons. It was closed after being damaged by high flood waters in July 2007. Safety was a high concern due to the narrow bridge width and extremely low load rating.

The new bridge was let in 2009 and construction was completed in 2010. The new bridge is a 4-100ft span pre-cast beam bridge, 32ft-9in clear roadway, on the same alignment as the existing bridge. There were approximately 1,100ft of roadway approaches included in the project.

This bridge project was nominated for the 2010 Pharaoh Award

- SERVICES:**
- Survey staking
 - Bridge and roadway design
 - Structural foundations
 - Utility relocation coordination
 - NEPA
 - 404 permitting

- SUBCONSULTANTS:**
- Nicholls Consulting (DBE) – Structural
 - Terracon – Geotechnical & Environmental



7. Work by firm or members which best illustrates current qualifications relevant to THIS PROJECT.

Project Name and Location	Project Owner's Name and Address and Project Manager's Name and Phone	Completion Date (Actual or Estimated)	
<p align="center">BR 20 over Clear Boggy Creek Bridge & Approaches Division II - Choctaw County JP 24820</p>	<p align="center">Choctaw County 300 East Duke Hugo, OK 74743 Commissioner Ronnie Thompson, District 1 580.326.5331</p>	2014	
		Estimated Cost (in thousands)	
		Entire Project	Firm's Portion
		\$3,100	\$168

SCOPE: This project replaced the existing one lane, structurally deficient truss bridge. Because the existing bridge was eligible for Historic Registry, it remained in place and a shoofly was constructed at both ends of the bridge.

The new 26ft wide, 6-span bridge used 135ft long PC beams while minimizing impacts to existing wetlands. Over 1,800ft of roadway was also reconstructed.

This project used CIRB funding.

- SERVICES:**
- Project management
 - Bridge and road geometrics
 - Bridge and roadway design
 - Right-of-way determination
 - 404 permit
 - Utility relocation coordination
 - Geotechnical investigation
 - Cost estimating

- SUBCONSULTANTS:**
- Professional Service Industries, Inc. – Geotechnical
 - Houser R/W Service – Right-of-Way Acquisition
 - Nicholls Consulting (DBE) – Structural
 - Bearing Tree Land Surveying – Survey



7. Work by firm or members which best illustrates current qualifications relevant to THIS PROJECT.

Project Name and Location	Project Owner's Name and Address and Project Manager's Name and Phone	Completion Date (Actual or Estimated)	
<p align="center">Old US-64 Overlay; BR 87 and BR 88 Replacements Bridge, Grade, Drain and Surface Division I - Sequoyah County JP 28515</p>	<p align="center">Sequoyah County 476010 Old Highway 64 Muldrow, OK 74948 Commissioner Ray Watts, District 1 918.427.5371</p>	2017	
		Estimated Cost (in thousands)	
		Entire Project	Firm's Portion
		\$2,955	\$190

SCOPE: This project involved removing and replacing the functionally obsolete BR 87 over Camp Creek and the structurally deficient BR 88 over Rabbit Branch. In addition to an asphalt overlay, gravel shoulders were added to approximately 3.8 miles of Old US-64. Safety improvements included replacing and adding guardrail and new striping.

- SERVICES:**
- Survey
 - Road geometrics
 - Roadway design
 - Bridge replacement design
 - Hydrology and hydraulics
 - Environmental
 - 404 permitting
 - Right-of-way determination
 - Utility relocation coordination
 - Cost estimating

- SUBCONSULTANTS:**
- Terracon – Geotechnical
 - CP&Y – Environmental
 - Nicholls Consulting (DBE) – Structural



7. Work by firm or members which best illustrates current qualifications relevant to THIS PROJECT.

Project Name and Location	Project Owner's Name and Address and Project Manager's Name and Phone	Completion Date (Actual or Estimated)	
<p align="center">Chimney Rock Road Phase I Grade, Drain & Surface Division VIII – Mayes County JP 25417</p>	<p align="center">Mayes County Commission One Court Place, Suite 140 Pryor, OK 74361 Commissioner Ryan Ball, District 3 918.434.5743</p>	2012	
		Estimated Cost (in thousands)	
		Entire Project	Firm's Portion
		\$2,900	\$198

SCOPE: The design included reconstructing Chimney Rock Road from the SH-82 junction extending two miles east to the Chimney Rock Reservoir Bridge. The roadway reconstruction project included the following tasks:

- Adding 4ft shoulders
- Adding guardrail protection at steep slopes
- Improving grades and horizontal curves
- Adding new drainage structures
- Providing new roadway base and surfacing

Construction was funded by the Cherokee Nation.

- SERVICES:**
- Project management
 - Survey
 - Roadway design
 - Hydrologic analysis
 - Storm sewer system design
 - Right-of-way determination
 - 404 permit
 - Stormwater pollution prevention plan
 - Geotechnical investigation
 - Cost estimating

SURVEY Aerial Data Services, Inc. completed a composite land and aerial survey in accordance with ODOT survey specifications. A 2ft contour interval surface model was initially developed for analyzing the preliminary alignment, while a 1ft contour interval surface model was prepared along the final alignment to formulate the final design. The field survey also set targets and collected topographical data in the obscure areas.

- SUBCONSULTANTS:**
- Terracon – Geotechnical
 - Aerial Data Services, Inc. (DBE) – Aerial Photography and Digital Mapping



7. Work by firm or members which best illustrates current qualifications relevant to THIS PROJECT.

Project Name and Location	Project Owner's Name and Address and Project Manager's Name and Phone	Completion Date (Actual or Estimated)	
<p align="center">BR 171 Brazil Creek Bridge & Approaches Division II - LeFlore County JP 25097</p>	<p align="center">LeFlore County PO Box 607 Poteau, OK 74953 Commissioner Lance Smith, District 2 918.647.2527</p>	2015	
		Estimated Cost (in thousands)	
		Entire Project	Firm's Portion
		\$1,693	\$128

SCOPE: This project replaced BR 171 over Brazil Creek, a 153ft, double intersection, warren through truss. The new bridge was placed off alignment due to the existing bridge being historic.

The project included 1,750ft of roadway and construction of a 5-80ft (403ft) PC Beam span bridge.

- SERVICES:**
- Project management
 - Bridge and road geometrics
 - Bridge and roadway design
 - Right-of-way determination and acquisition
 - 404 permit
 - Geotechnical investigation
 - Utility relocation coordination
 - Cost estimating

- SUBCONSULTANTS:**
- Houser R/W Service – Right-of-way Acquisition
 - Bearing Tree Land Surveying – Survey
 - Nicholls Consulting (DBE) – Structural
 - Professional Service Industries, Inc. – Geotechnical



7. Work by firm or members which best illustrates current qualifications relevant to THIS PROJECT.

Project Name and Location	Project Owner's Name and Address and Project Manager's Name and Phone	Completion Date (Actual or Estimated)	
<p align="center">BR 24 over Opossum Creek Bridge and Approaches Division VIII – Nowata County JP 27818</p>	<p align="center">Nowata County 229 North Maple Street Nowata, OK 74048 Commissioner Tim Kilpatrick, District 3 918.273.0175</p>	2014	
		<p align="center">Estimated Cost (in thousands)</p>	
		<p align="center">Entire Project</p>	<p align="center">Firm's Portion</p>
		<p align="center">\$1,512</p>	<p align="center">\$100</p>

SCOPE: This project replaced existing BR 24, located approximately 3.1 miles south of the Kansas State line and 0.4 miles east of US-169. The original bridge was a 122ft Hi-Truss span with concrete deck and 5/10th of a mile of roadway. The new structure is a 40ft-100ft-40ft PC Beam, 32ft clear roadway bridge with TR-3 concrete rails and approach slabs. The new bridge is on the same alignment; however, the approach roadway to the south of the bridge was relocated east to remove a curve approaching the bridge structure.

- SERVICES:**
- Project management
 - Survey
 - NEPA
 - Structural design
 - Hydrology and hydraulics
 - Bridge and road geometrics
 - Bridge and roadway design
 - Right-of-way determination and documentation
 - Geotechnical investigation
 - Utility relocation coordination
 - Cost estimating

- SUBCONSULTANTS:**
- Terracon – Geotechnical
 - Eagle Environmental – Environmental
 - Nicholls Consulting (DBE) – Structural



7. Work by firm or members which best illustrates current qualifications relevant to THIS PROJECT.

Project Name and Location	Project Owner's Name and Address and Project Manager's Name and Phone	Completion Date (Actual or Estimated)	
<p align="center">BR 50 Big Cabin Creek Bridge & Approaches Division VIII - Craig County JP 23418</p>	<p align="center">Craig County 210 West Delaware, Suite 106 Vinita, OK 74301 Commissioner Hugh Gordon 918.256.3564</p>	2011	
		Estimated Cost (in thousands)	
		Entire Project	Firm's Portion
		\$920	\$51

SCOPE: This project replaced BR 50, a 2-33ft I-beam bridge located on road EW19 2.5 miles west of SH-2 and 6.0 miles north of Vinita. The new bridge is a 105ft-105ft-105ft, 32ft clear roadway, PC beam bridge.

The project also replaced .6 miles of roadway, realigning the roadway to the south to improve the geometry and allow for a straight bridge instead of a skewed bridge.

- SERVICES:**
- Project management
 - Bridge geometrics
 - Roadway geometrics
 - Survey
 - Bridge design
 - Roadway design
 - Geotechnical investigation
 - Hydrology and hydraulics
 - Right-of-way determination and documentation
 - Utility relocation coordination
 - 404 permit
 - Cost estimating

SUBCONSULTANTS: ▪ Terracon – Geotechnical



7. Work by firm or members which best illustrates current qualifications relevant to THIS PROJECT.

Project Name and Location	Project Owner's Name and Address and Project Manager's Name and Phone	Completion Date (Actual or Estimated)	
<p align="center">BR 141 over Island Bayou Bridge & Approaches Division II - Bryan County JP 22488</p>	<p align="center">Bryan County 323 West Beech Street Durant, OK 74701 Commissioner Tony Simmons, District 2 580.924.2201</p>	2014	
		<p align="center">Estimated Cost (in thousands)</p>	
		<p align="center">Entire Project</p>	<p align="center">Firm's Portion</p>
		<p align="center">\$590</p>	<p align="center">\$41</p>

SCOPE: This project replaced the existing one lane structure and approaches on a new alignment. The project involved correcting the horizontal alignment because the existing bridge had reverse curves at each end of the structure. The new bridge was constructed to the north of the existing bridge, approximately 13.2 miles north of Yuba over Island Bayou.

- SERVICES:**
- Project management
 - Bridge and road geometrics
 - Bridge and roadway design
 - Right-of-way determination and acquisition
 - 404 permit
 - Geotechnical investigation
 - Utility relocation coordination
 - Cost estimating

- SUBCONSULTANTS:**
- Professional Service Industries, Inc. – Geotechnical
 - Houser R/W Service – Right-of-Way Acquisition
 - Boatman Engineering, LLC – Survey



8. Use this space to provide any additional information or description of resources (including any computer design capabilities) supporting your firm's qualifications for the proposed project.

FROM START TO FINISH - GUY Engineering (GUY) provides planning and programming services, project management, surveying, urban and rural roadway and bridge design, structural engineering, utility relocation management and reconnaissance, bridge safety inspection services, and utility design services for numerous governmental agencies throughout the state of Oklahoma. GUY's team of 36 highly qualified professionals include licensed professional engineers, registered land surveyors, certified flood plain managers, engineering technicians, CADD technicians, and support staff. We have extensive experience with ODOT policies and guidelines, thus ensuring a smooth project. Our experienced design team has over 29 years' experience designing urban and rural roadway and bridge projects. This includes over **150 county bridges and numerous roadway projects over the past 29 years** and over 24 on-system highway projects over the past 12 years. In addition, GUY has performed off-system safety bridge inspections since 1992 and on-system inspections since 2015.

Established in 1987, GUY was founded on hydrology and hydraulics engineering but has grown to encompass civil and structural engineering, surveying, and utility relocation. With offices in the Tulsa and Oklahoma City metro areas, we are able to serve all our clients in a timely manner. One of GUY's greatest strength is a commitment to constant communication with the client, the community, the governmental agencies, and all the design professionals involved. In addition, we continually improve our design skills and knowledge through a robust in-house training and education program.

GUY's diverse resources, experienced personnel and customer-service focus ensure that your project will be completed on time, to specification and within budget. We are dedicated and committed to ensuring that each of our customers receives the highest level of professional support required to make their project a success.

GUY AWARDS

- 2016 - Tucson Street - APWA Gold Award in Transportation
Bird Creek Bank Stabilization - APWA Gold Award in Environmental
- 2015 - Crow Creek Drainage Project - APWA OK Chapter Disaster/Emergency Award
Crow Creek Drainage Project - OSPE 2015 Outstanding Engineer Achievement Award
- 2012 - Governor's Commendation - Blackburn Bridge; Osage and Pawnee Counties
- 2011 - GUY Ranks 14th on Tulsa's Fast 40 List
- 2010 - Connors Bridge 85 - Ottawa County - 15th Annual Pharaoh Award Finalist; ODOT Division "Bridge of the Year"
- 2007 - Centennial Park/Elm Creek Detention Basin, Tulsa, OK; OK Floodplain Managers Association Platinum Project A
APWA OK Chapter Public Works Project of the Year; ACEC Engineering Excellence Honor Award
Salt Fork of Arkansas River Bridge SH-132 Grant County - Pharaoh Award Nominee
- 2001 - Urban Overlay Award by SH-51, Tulsa County



9. 61 O.S., § 64. Offenses

Any consultant or person doing architectural, surveying or engineering work for the State of Oklahoma, their agents, servants or employees, who shall receive gratuity from any contractor or builder of any public building or works, or solicit, receive or make any political contribution from or to a contractor or a builder of any public building or works, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more that Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year. Any contractor or builder of any public building or works, their agents, servants or employees, who shall offer any gratuity or political contribution to any consultant doing architectural, surveying or engineering work for the State of Oklahoma, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year.

14. The undersigned hereby certifies that the facts stated herein are true and correct.



(Consultant Signature)

John E. Blickensderfer, President

(Printed Name and Title)

July 27, 2016

(Date)

Return this form along with your letter expressing interest to the agency from whom you received the notice of this project.



STATE OF OKLAHOMA

Consultant Services For A Specific Project

1. Project Name/Location for which firm is filing:

**Oklahoma Department of Transportation
Purchasing
200 NE 21st St
Oklahoma City, OK 73105**

2a. Date of Announcement:

July 15, 2016

2b. Agency originating announcement:

**Oklahoma Department of Transportation,
Purchasing**

3. Firm (or Joint-Venture) Legal Name and Address:

**Able Consulting, LLC
9225 North 133rd East Avenue
Owasso, Oklahoma 74055**

3c. Name, Title, & Telephone Number of Principal Contact:

Jennifer Koscelny, President , 918-272-4282

3a. Certificate of Authority Number: **DBE Number 817**

3d. Address of office to perform work if different from Item 3:

3b. FEI/Tax ID Number: XXXXXXXXXX

4. Personnel by Discipline: (List each person only once, by primary function.)

Administrative
Architects
CAD/CADD Technic
Chemical Engineers
Civil Engineers
Construction Inspec
Draftsmen
Ecologists

Economists
Electrical Engine
Estimators
Geologists
Hydrologists
Interior Designer
Landscape Architects
Land Surveyors

Mechanical Engineers
Mining Engineers
Planners: Urban/Regional
Sanitary Engineers
Soil Engineers
Specification Writers
Structural Engineers
Surveyors

**1 Project Manager
2 GIS Specialist/ Env. Scientist

3 Total Personnel**

5. If submittal is by a JOINT-VENTURE, list participating firms and outline specific areas of responsibility (including administrative, technical, and financial) for each firm: All firms and joint venture MUST be registered with Construction and Properties, Department of Central Services, 2401 N. Lincoln Blvd., Suite 106, P.O. Box 53448, Oklahoma City, OK 73152-3448.

5a. Has this Joint-Venture previously worked together? Yes No If YES, how many times? _____

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.

a. Name and Title:
Jennifer Koscelny, President Able Consulting

b. Project Assignment:
 Program Manager, Project Manager, NEPA Practitioner , Section 4(f) Coordination

c. Name of firm with which associated:
 Able Consulting

d. Years' experience: With this firm **17** With other firms **126**

e. Education: Degree(s)/Year/Specialization
 Bachelor of Science Degree / Oklahoma State University / 1990
 Specialization : NEPA practitioner and project management

f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number
DBE issued June 13, 2012 Certificate No. 817 from ODOT
 Oklahoma Certificate of Authority (if any)

g. Other experience and qualifications relevant to the proposed project:

Offering over 26 years of experience as an environmental/planning professional, Ms. Koscelny, founder of Able Consulting, has coordinated and/or supervised numerous environmental analyses related to the National Environmental Policy Act of 1969 (NEPA). She brings extensive experience communicating with the public, department personnel and resource agencies and offers proficiency managing and coordinating transportation projects simultaneously in a timely and cost effective manner. Her experience includes integrating the requirements of numerous State and Federal laws and regulations into the long range planning and NEPA process.

For over a decade, Ms. Koscelny has provided environmental and planning consulting services for NEPA and long range planning processes. She manages all functions of the NEPA process and has at her disposal numerous specialists to complement her team. Her client list includes Oklahoma Department of Transportation, City of Glenpool, Cherokee Nation, City of Owasso, City of Wagoner, City of Sapulpa, Chickasaw Nation, and numerous engineering consulting firms. The following provides a summary of relevant project experience:

ODOT (2008 to present): Able Consulting was awarded 10 On-Demand Services contracts by ODOT: 1) EC-1170, EC-1338, EC 1401 and EC-1547 for Project Reconnaissance Data Collection; 2) EC-1155 nine (9) CE Type II projects; 3) EC-1217, EC-1299, EC-1405, EC-1551 and EC1766 Environmental Services. Task Orders have been issued on all the above contracts. Ms. Koscelny serves as the program manager and project manager for all the contracts. Managing and coordination with ODOT staff and sub-consultants is key to providing a quality product whether it is a reconnaissance report that requires mapping and data collection or supervising the completion of biological reports.

ODOT (2013 - 2016) EC 1714, EC 1710, EC 1687, EC 1686, EC 1666, EC 1663, EC 1640, EC 1637, EC 1619, EC 1622, EC 1582, EC 1576, EC 1505, EC 1458, EC 1463, EC 1466, EC 1470, EC 1499 : Able Consulting is currently a sub-consultant with MacArthur, Craig & Keithline, HUB, Poe and Associates, Smith Roberts and Benham for completion of fifteen CE documents. All of these projects will require a NEPA document and necessary studies. Several of these projects require Section 4(f) Statements and coordination and/or public meetings.

ODOT (2012) EC 1394: Able Consulting is currently a sub-consultant to Craig & Keithline, Guy Engineering Services, and Meshek and Associates, Poe and Associates, and Smith Roberts for completion of twelve CE documents. All of these projects will require a NEPA document and necessary studies. Ten of the 12 projects have NEPA completed.

ODOT (2011) EC 1360: Able Consulting is currently a sub-consultant to Craig & Keithline, Guy Engineering Services, and White Engineering for completion of two Reconnaissance Reports and six CE documents. The Reconnaissance Reports have been completed and the NEPA Process is near completion for all of the projects. Two of these projects require Section 4(f) Statements.

Cherokee Nation - Roads Program (2004-2007): Able Consulting was awarded contracts to complete Environmental Assessments, Impact Statements and reports for various road projects for the Cherokee Nation's Roads Program for Bureau of Indian Affairs approval. Seven (7) Environmental Assessments were approved by FONSI that included bridge replacement projects and roadway improvements. These projects included all specialist studies to complete assessments, including cultural resources surveys, coordination with BIA, SHPO and OAS, biological resources reviews that included bat surveys, ABB surveys, coordination with USFWS, wetlands review, and USACE coordination for appropriate Section 404 permit. Coordination of Section 404 of the Clean Water Act (CWA) from the USACE and Water Quality Certification under Section 401 of the CWA from the Environmental Protection Agency. Located in rural settings, issues with the completion of the projects were wetlands avoidance, cultural resources avoidance, endangered species involvement (ABB and bat surveys), USFWS coordination and mitigation, permitting.

Chickasaw Nation (1999-2003): As a sub-consultant for Alexander Engineering Company, six (6) Environmental Assessments' were completed by Able Consulting for the Chickasaw Nation with Bureau of Indian Affairs approval. The work included all specialist studies necessary to complete assessments, including cultural resources surveys, coordination with BIA, SHPO and OAS, biological resources reviews, solicitation letters and coordination for multiple roadway improvements and bridge replacements. Coordination of Section 404 of the Clean Water Act (CWA) from the U.S. Army Corps of Engineers and Water Quality Certification under Section 401 of the CWA from the Environmental Protection Agency. Primary issues included wetlands avoidance, cultural resources avoidance, park avoidance and permitting.

Past Experience (1990-2002): Ms. Koscelny worked for the ODOT for 12 years, 10 of which were in the Planning Division as an Environmental Coordinator. During her tenure, she completed over 100 Categorical Exclusions and numerous Environmental Assessments for FHWA approval. She also prepared and authored several Scope of Services including the Environmental Process and Initial Site Assessments/Preliminary Site Investigations.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.

<p>a. Name and Title: Matt Flynn, Environmental Scientist/ GIS Specialist</p>	
<p>b. Project Assignment: Environmental Scientist for ISA / GIS Mapping</p>	
<p>c. Name of firm with which associated: Able Consulting</p>	<ul style="list-style-type: none"> • Performed extensive title, legal, and historical research regarding federal land tenure throughout KS, OK, and TX in order to inventory present federal ownership throughout the region.
<p>d. Years' experience: With this firm :2 With other firms: 6</p>	<ul style="list-style-type: none"> • Assisted in planning a scoping for a Resource Management Plan (RMP)/Environmental Impact Statement for the three state region managed by the Oklahoma Field Office.
<p>e. Education: Degree(s)/Year/Specialization Oklahoma State University Master of Science, International Development/Environmental Preservation 2012 Phi Kappa Phi Honors Society Bachelor of Science, Natural Resource Ecology & Management 2009</p>	
<p>f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number none</p>	
<p>g. Other experience and qualifications relevant to the proposed project: <u>Able Consulting</u> – Environmental Scientist & GIS Specialist – 2014-Present</p> <ul style="list-style-type: none"> • Provide environmental and planning services for the firm, preparing NEPA documents and building a GIS that supports advanced and automated mapping capabilities. • Conduct field visits to collect field specific data, relating to environmental reconnaissance reports and initial site assessments. • Collect data and prepare documentation for public outreach. <p><u>Bureau of Land Management</u> – GIS Specialist – 2009-2014</p> <ul style="list-style-type: none"> • Acquired, built, and maintained a GIS in support of National Environmental Policy Act (NEPA) processes and the permitting of mineral extraction operations for three states: Kansas, Oklahoma, and Texas. • Provided GIS analysis and modeling support for a wide range of scientific disciplines: Wildlife Biology, Ecology, Archaeology, Hydrology, Petroleum Engineering, Mining Engineering, and Geology. • Led the coordination of strategic planning for a GIS, building a GIS program for a staff of more than 70 from the ground up. • Authored the GIS Strategic Plan for the BLM's 3-state region, building relational databases and mapping applications across multiple office locations and automating updates and transfers of data. • Conducted advanced GIS analysis, utilizing Spatial Analyst, 3D Analyst, and Network Analyst extensions on the ArcGIS platform. 	

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.

a. Name and Title:

Jason Schmidt, Environmental Scientist/ GIS Specialist

b. Project Assignment:

Environmental Scientist for ISA / GIS Mapping / Biologist

c. Name of firm with which associated:

Able Consulting

d. Years' experience: With this firm :1 With other firms: 6

e. Education: Degree(s)/Year/Specialization

Texas A&M University, Master of Science - Wildlife and Fisheries Sciences 2009

Indiana University, Bachelor of Science - Biology 1997

f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number
none

g. Other experience and qualifications relevant to the proposed project:

Able Consulting – Environmental Scientist & GIS Specialist – 2016-Present

- Provide environmental and planning services for the firm, preparing NEPA documents and building a GIS that supports advanced and automated mapping capabilities.
- Conduct field visits to collect field specific data, relating to environmental reconnaissance reports and initial site assessments.
- Collect data and prepare documentation for public outreach.

Bureau of Land Management – GIS Specialist – 2012-2014

- Acquired, built, and maintained a GIS in support of National Environmental Policy Act (NEPA) processes and the permitting of mineral extraction operations for three states: Kansas, Oklahoma, and Texas.
- Provided GIS analysis and modeling support for a wide range of scientific disciplines: Wildlife Biology, Ecology, Archaeology, Hydrology, Petroleum Engineering, Mining Engineering, and Geology.

USADA, Aphis, WS, National Wildlife Research Center 2009 to 2012

- Wildlife biologist
- Data management and data analysis for two research projects.
- Estimated grassland and aquatic areas on and surrounding airfields using GIS.

Texas A&M Teaching Assistant and Research Associate 2006- 2009

- Department of Wildlife and Fisheries Sciences
- Conducted litigation research for hazardous waste contamination and land remediation.

7. Work by firm or member which best illustrates current qualifications relevant to THIS PROJECT (list no more than 10 projects).

a. Project Name and Location	“P”, “C”, “JV” or “I”	b. Nature of Firms Responsibility	c. Project Owner’s Name and Address	d. Completion Date	e. Est. Cost (000’s)	
					Entire Project	Firm’s Portion
ODOT EC 1458 / 1463 /1466 / 1470 / 1499 & 1505 Sub-consultant	I	Program Manager for NEPA process for seven (7) CE documents, one of which require Section 4(f) coordination. These contracts are with two separate firms.	ODOT 200 NE 21st Street OKC,OK 73105	Ongoing or Negotiations	\$225	\$140
ODOT EC 1405 On-Demand Data Reconnaissance Contract	I	Overall Program Manager for providing Reconnaissance Reports. Have two task orders to date with 8 projects.	ODOT 200 NE 21st Street OKC,OK 73105	ongoing	\$250	\$75
ODOT EC 1401 On-Demand Environmental Services Contract	I	Overall Program Manager and Project Manager for contract that is task order specific. Currently have RR data collection, riverside meetings, completion of DCE and mapping task orders.	ODOT 200 NE 21st Street OKC,OK 73105	ongoing	\$250	\$150
ODOT - EC1394 Sub-consultant	I	Program Manager for NEPA process for twelve (12) CE documents two of which require Section 4(f) coordination. These contracts are with five separate firms.	ODOT 200 NE 21st Street OKC,OK 73105	ongoing	\$500	\$250
ODOT - EC1360 Sub-consultant	I	Program Manager for NEPA process for seven (7) CE documents four of which require Section 4(f) coordination. These contracts are with two separate firms.	ODOT 200 NE 21st Street OKC,OK 73105	ongoing	\$355	\$185
ODOT-EC1299 TO 1 -6 On-Demand Environmental Services Contract	I	Overall Program Manager and Project Manager for contract that is task order specific. Task orders included biological report, One CE Document, RR data gathering, mapping, three CE documents, NEPA assistance and two CE documents.	ODOT 200 NE 21st Street OKC,OK 73105	ongoing	\$250	\$150
ODOT-EC 1338 TO 1 to 8 Data Reconnaissance Reports	I	Overall Program Manager for twenty one (21) Reconnaissance Reports in Divisions 1 and 5. Twenty of the 21 project have been submitted and approved by ODOT.	ODOT 200 NE 21st Street OKC,OK 73105	12/2012	\$250	\$75
ODOT- EC 1217 TO 1 - TO 12 On-Demand Environmental Services Contract	I	Overall Program Manager for EA for Rail Corridor, ISA over Arkansas River Bridge, Biological Studies, Mapping, Noise Studies, Preparation of CE Documents.	ODOT 200 NE 21st Street OKC,OK 73105	2/2010	\$500	\$250
ODOT- EC 1170 TO 1 - TO 5 Data Reconnaissance Reports	I	Overall Program Manager for Sixteen (16) completed Reconnaissance Reports in Divisions 1, 2 and 4.	ODOT 200 NE 21st Street OKC,OK 73105	2/2010	\$130	\$45

8. Use this space to provide any additional information or description of resources (including any computer design capabilities) supporting your firm’s qualifications for the proposed project.

Able Consulting has a hp color LaserJet 3500 and Brother HL-41 50 CON for all printing and scanning. Able Consulting uses a ph computer for all word processing and Microsoft 2010 systems plus Microsoft Office for E-mail.

8. 61 O.S., § 64. Offenses

Any consultant or person doing architectural, surveying or engineering work for the State of Oklahoma, their agents, servants or employees, who shall receive gratuity from any contractor or builder of any public building or works, or solicit, receive or make any political contribution from or to a contractor or a builder of any public building or works, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year. Any contractor or builder of any public building or works, their agents, servants or employees, who shall offer any gratuity or political contribution to any consultant doing architectural, surveying or engineering work for the State of Oklahoma, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year.

9. The foregoing is a statement of facts. My signature below indicates I have read the above excerpt from Title 61 of the Oklahoma Statutes.

Date:

Return this form along with your letter expressing interest to the agency from whom you received the notice of this project.

Signature: _____



Typed Name and Title: Jennifer Koscelny, President, Able Consulting

7/18/2016

<p>State of Oklahoma</p> <p>Consultant Services For a Specific Project</p>	<p>1. Project Name/Location for which firm is filing:</p> <p>Oklahoma Department of Transportation (ODOT)</p> <p>EC-1813</p>	<p>2a. Date of Announcement:</p> <p>July 15, 2016</p>	<p>2b. Agency Originating Announcement:</p> <p>Oklahoma Department of Transportation</p>																																
<p>3. Firm (or Joint Venture) Name and Address:</p> <p>CP&Y, INC. 2000 N. Classen Blvd. Suite 1410 Oklahoma City, OK 73106</p>  <p>3a. Certificate of Authority Number: <u>4006</u></p> <p>3b. FEI/Tax ID Number: XXXXXXXXXX</p>		<p>3c. Name, Title, & Telephone Number of Principal to Contact:</p> <p>Scott Stegmann</p> <p>405.835.2836</p>																																	
		<p>3d. Address of office to perform work if different from Item 3.</p>																																	
<p>4. Personnel by Discipline: (List each person only once, by primary function.)</p> <table border="0"> <tr> <td><u>25</u> Administrative</td> <td><u> </u> Economists</td> <td><u> </u> Mining Engineers</td> <td><u>11</u> Environmental Engineers</td> </tr> <tr> <td><u> 3</u> Architects</td> <td><u>12</u> Electrical Engineers</td> <td><u> 4</u> Planners: Urban/Regional</td> <td><u> 6</u> Water Resources</td> </tr> <tr> <td><u>30</u> CADD Technicians</td> <td><u> </u> Estimators</td> <td><u> 1</u> Sanitary Engineers</td> <td><u> 4</u> GIS Specialists</td> </tr> <tr> <td><u> </u> Chemical Engineers</td> <td><u> 2</u> Geologists</td> <td><u> </u> Soils Engineers</td> <td><u>17</u> Environmental Engineers</td> </tr> <tr> <td><u>71</u> Civil Engineers</td> <td><u> 6</u> Hydrologists</td> <td><u> 4</u> Specification Writers</td> <td><u> 2</u> Aviation Manager</td> </tr> <tr> <td><u>17</u> Construction Insp/Mgrs</td> <td><u> 1</u> Interior Designers</td> <td><u>13</u> Structural Engineers</td> <td><u> 4</u> IT Specialists</td> </tr> <tr> <td><u> 6</u> Drafters</td> <td><u> </u> Landscape Architects</td> <td><u>33</u> Surveyors</td> <td><u> 2</u> Architectural Historian</td> </tr> <tr> <td><u> 1</u> Construction Manager</td> <td><u> 3</u> Mechanical Engineers</td> <td><u>25</u> Transportation Engineers</td> <td><u>303</u> Total Personnel - Firmwide</td> </tr> </table>				<u>25</u> Administrative	<u> </u> Economists	<u> </u> Mining Engineers	<u>11</u> Environmental Engineers	<u> 3</u> Architects	<u>12</u> Electrical Engineers	<u> 4</u> Planners: Urban/Regional	<u> 6</u> Water Resources	<u>30</u> CADD Technicians	<u> </u> Estimators	<u> 1</u> Sanitary Engineers	<u> 4</u> GIS Specialists	<u> </u> Chemical Engineers	<u> 2</u> Geologists	<u> </u> Soils Engineers	<u>17</u> Environmental Engineers	<u>71</u> Civil Engineers	<u> 6</u> Hydrologists	<u> 4</u> Specification Writers	<u> 2</u> Aviation Manager	<u>17</u> Construction Insp/Mgrs	<u> 1</u> Interior Designers	<u>13</u> Structural Engineers	<u> 4</u> IT Specialists	<u> 6</u> Drafters	<u> </u> Landscape Architects	<u>33</u> Surveyors	<u> 2</u> Architectural Historian	<u> 1</u> Construction Manager	<u> 3</u> Mechanical Engineers	<u>25</u> Transportation Engineers	<u>303</u> Total Personnel - Firmwide
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<p>5. If submittal is by a JOINT-VENTURE, list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: All firms and the joint venture MUST be registered with the Construction and Properties Division, Department of Central Services, 50 N. E. 23rd Street, Oklahoma City, OK 73105.</p> <p style="text-align: center;">N/A</p>																																			
<p>5a. Has this Joint-Venture previously worked together? <input type="checkbox"/> Yes <input type="checkbox"/> No If YES, how many? _____</p>																																			

6. Brief resume of key persons, specialists, and individual consultants anticipated for THIS PROJECT.

a. Name and Title: **Scott Stegmann** | *Environmental Project Manager*

b. Project Assignment: *Project Manager*

c. Name of Firm with which associated:



d. Years experience: With this firm 3 With other firms 19

e. Education: (Degree(s)/Year/Specialization)
M.E.S. | 1995 | Environmental Science | University of Oklahoma
B.A | 1993 | Geography | University of Oklahoma

f. Active Registration: State/Year first registered/Discipline/License #

g. Other experience and qualifications relevant to the proposed project:

Scott brings 22 years of experience in the environmental field. He has served as environmental project manager on multiple Environmental Assessments and Categorical Exclusions for roadway and bridge projects. He also has extensive experience as a project manager for multiple Comprehensive Environmental Response Compensation and Liability Act (CERCLA) site investigations. His technical specialties include National Environmental Policy Act (NEPA) compliance and documentation; project management; public involvement; Section 4(f) de minimis coordination and documentation; and hazardous waste Initial Site Assessments (ISA). He has worked as NEPA project manager on three Environmental Assessment documents that have received FHWA clearance. He has also completed over 400 Categorical Exclusions. He has worked as project manager on multiple Preliminary Assessments and Site Inspections under CERLCA as well as several Targeted Site Assessments under the Brownfields program. Scott has extensive experience coordinating with resource agencies and public officials, collaborating with engineers during project development, and working with team members including biologists, cultural resource specialists and technical specialists.

EC-1551 On-Demand Environmental Studies | ODOT, Various Locations, OK

Project manager for an on-demand ODOT Statewide NEPA contract that included 6 separate task orders for NEPA studies and Categorical Exclusions in Oklahoma. Projects consist of an Environmental Assessment and public involvement, socio-economic studies, and Categorical Exclusions. Conducted all budgeting, scheduling, coordination, and public involvement. Ensured schedules were maintained and deliverables were consistent with the scope of work.

EC-1401 On-Demand Environmental Studies | ODOT, Various Locations, OK

Project Manager for an on-demand ODOT Statewide NEPA contract that included 6 separate task orders for NEPA studies and Categorical Exclusions throughout Oklahoma. Projects primarily consisted of an Environmental Assessment, socio-economic studies, noise study, and Categorical Exclusions. Conducted budgeting, scheduling, coordination with agency and local officials, assisted in completion of ISAs and biological/wetlands reports, completed noise study, prepared NEPA documentation, and ensured that schedules were maintained on the projects.

EC-1450 & EC-1661 CIRB NEPA On-Demand Services | ODOT, Various Locations, OK

Project manager for two on-demand ODOT CIRB contracts that includes 29 separate task orders for NEPA studies and Categorical Exclusions throughout Oklahoma. Conducted budgeting, scheduling, coordination with agency and local officials, assisted in completion of ISAs and biological/wetlands reports, prepared NEPA documentation, and ensured that schedules were maintained on the projects.

SH-33 over Cottonwood Creek | ODOT, Guthrie, OK

CP&Y project manager for completion of the Environmental Assessment for the replacement of a historic bridge within an historic district in the City of Guthrie. Work included drafting the EA, providing Section 4(f) de minimis documentation, and coordinating Section 6f process. Also provided technical support for Individual Section 4(f) documentation prepared as a result of impacts to historic bridge and district. A FONSI was obtained for the project.

US-270 Noise Study | Seminole County, ODOT

CP&Y project manager for completion of a traffic noise study for this widening project in Semi-nole County. Conducted noise readings for noise model validation, utilized TNM 2.5 noise modeling software to estimate future impacts to noise receptors, compiled and submitted re-port for ODOT approval.

6. Brief resume of key persons, specialists, and individual consultants anticipated for THIS PROJECT.

a. Name and Title: **Andy Atlas, AICP** | *Urban/Regional Planner*

b. Project Assignment: *Project Manager for Socioeconomics*

c. Name of Firm with which associated:



d. Years experience: With this firm 12 With other firms 7

e. Education: (Degree(s)/Year/Specialization)

M.S.CRP. | 1997 | University of Texas at Austin

B.A. | 1983 | Spanish | University of Texas at Austin

f. Active Registration: State/Year first registered/Discipline/License #

g. Other experience and qualifications relevant to the proposed project:

Andy Atlas has 19 years of experience working on a wide variety of transportation and environmental issues. He has served as environmental task manager or deputy environmental task manager on feasibility studies, Categorical Exclusions, Environmental Assessments, and Environmental Impact Statements for roadway projects; Environmental Information Documents for water and wastewater projects; Part 150 studies and an Environmental Assessment for airports; population and employment projections for a Metropolitan Planning Organization; and, a community impact assessment. His technical specialties include National Environmental Policy Act (NEPA) compliance; socioeconomic research and analysis; environmental justice analysis; land use and displacement impact assessment; public involvement, and population and employment forecasting. He has worked as environmental task manager or deputy environmental task manager on four EIS and 16 EA or EID documents that have received final regulatory clearance. He is bilingual in English and Spanish.

US 81 Socioeconomic STUDY, EC1401D | ODOT

Environmental Planning Lead. The project team completed a socioeconomic analysis of US 81 through Chickasha in accordance with the National Environmental Policy Act and the Federal Highway Administration's Community Impact Assessment guidance. The report documents the existing conditions for the following resources: land use, population and demographics, economics (including tax and revenue), environmental justice, and the existing transportation system and mobility. A literature review was also conducted to help frame the study and provide context for the potential consequences that the construction of bypasses may have on nearby towns. Public comments were also reviewed to identify other relevant socioeconomic issues and are included in the report to provide stakeholder perspective on the proposed bypass project. The project team is currently preparing the socioeconomic analysis for the preferred alternative for the proposed Chickasha bypass project.

NEPA IDIQ On-Demand Contracts | ODOT

Project Manager for two on-demand contracts that included 13 different work authorizations for projects throughout Oklahoma. Projects included two Socioeconomic Studies, multiple Categorical Exclusion documents and associated reports, two Historic Resource surveys for NRHP eligible bridges across the Red River, multiple Noise Analyses, Biological Assessments, Initial Site Assessments, and a Section 4(f) Evaluation.

CIRB IDIQ On-Demand Contracts | ODOT

Project Manager for an on-demand ODOT contract that included 13 separate Work Authorizations for Programmatic Categorical Exclusions throughout Oklahoma. Projects primarily consisted of bridge replacements. To date, 12 of the 13 projects have been completed. Provided QA/QC, coordinated with ODOT and County Commissioners, and ensured that schedules were maintained on projects.

SH 36 | ODOT

Environmental Project Manager for this project to provide for future construction of a four-lane section on SH 36 in Cotton County. Andy identified a potential Section 404 permitting issue that could delay the project if left unresolved. He immediately prepared information for the USACE – Tulsa District to assist them in making a jurisdictional determination that the blue line on the USGS quadrangle was not a jurisdictional water of the U.S.

Initial Site Assessments | ODOT

Project Manager under work authorization to complete initial site assessments (ISAs) on four projects throughout the state of Oklahoma: US 59 in Adair County, US 270 in Hughes County, US 283 in Jackson County, and US 270 in Seminole County. The four ISAs were submitted within 30 days of receiving notice to proceed from ODOT.

6. Brief resume of key persons, specialists, and individual consultants anticipated for THIS PROJECT.

<p>a. Name and Title: Amber Majefski <i>Sr. Environmental Planner</i></p>	<p>Inola Wastewater Improvements Project EID Rogers County, OK</p>
<p>b. Project Assignment: <i>Socioeconomic Analysis</i></p>	<p>Planning Task Manager. Amber provided a review of the NEPA requirements for the EID</p>
<p>c. Name of Firm with which associated:</p> 	<p>for a wastewater improvements project in the Town of Inola, OK to rehabilitate the existing wastewater treatment plant and construct a new outfall line to relocate the discharge point from Pea Creek to the Verdigris River. She addressed all outstanding NEPA requirements and followed the document through to the issuance of a FONSI by the State of Oklahoma Water Resources Board in January, 2011.</p>
<p>d. Years experience: With this firm <u>>1</u> With other firms <u>8</u></p>	<p>Oklahoma Locally Coordinated Public Transit/Human Service Transportation Plan ODOT</p>
<p>e. Education: (Degree(s)/Year/Specialization) <i>Master of Public Affairs, University of Texas at Dallas, 2007</i></p>	<p>Planner. Amber provided planning services to ODOT Transit Programs Division for the preparation and implementation of the Oklahoma Locally Coordinated Public Transit / Human Service Transportation Plan (the Plan). The purpose of the Plan is to identify transportation gaps and issues for transit dependent populations throughout the State. Furthermore, the Plan provides guidance for the development of transit projects that address these gaps and issues. Specific tasks under this planning service contract include preparation of the plan, revision to the plan following the 2010 U.S. Census, and assistance with the selection of projects for each application cycle. Ms. Majefski provided planning and graphics services in preparation for public meetings.</p>
<p>f. Active Registration: State/Year first registered/Discipline/License #</p>	<p>Tinker Air Force Base Plating Shop EA OK</p>
<p>g. Other experience and qualifications relevant to the proposed project:</p> <p>Amber has 9 years of experience as a planner and twelve years of transit experience. She has provided planning services for many clients including DART, METRO, Fort Worth T, and DCTA. Amber is knowledgeable in the NEPA process; FTA before and after study requirements; environmental justice; socioeconomic analyses; environmental studies for transit, transportation, and utility corridors; and electrical transmission line routing studies. Her relevant experience includes:</p> <p>US 81 Socioeconomic Study EC1401D ODOT</p> <p>Senior Environmental Planner. The project team completed a socioeconomic analysis of US 81 through Chickasha in accordance with the National Environmental Policy Act and the Federal Highway Administration's Community Impact Assessment guidance. The report documents the existing conditions for the following resources: land use, population and demographics, economics (including tax and revenue), environmental justice, and the existing transportation system and mobility. A literature review was conducted to help frame the study and provide context for the potential consequences that the construction of bypasses may have on nearby towns. Public comments were reviewed to identify other relevant socioeconomic issues and are included in the report to provide stakeholder perspective on the proposed bypass project. The project team is currently preparing the socioeconomic analysis for the preferred alternative for the proposed Chickasha bypass project. Amber conducted field work, collected existing conditions data, and prepared the socioeconomic analysis technical report.</p>	<p>Planner. Amber provided a technical review of the areas of the NEPA document pertaining to occupational health and safety and sustainability objectives.</p> <p>East-West Connector EA DFW Airport and TxDOT, Tarrant County, TX</p> <p>EA Task Manager. Amber managed the preparation of a TxDOT environmental assessment (EA) for a roadway project in the southern sector of DFW Airport that would connect Harwood Road and Rental Car Drive between State Highway 360 and International Parkway.</p> <p>US 175 Environmental Assessment Kaufman County, TX</p> <p>Planner. Provided planning services for this environmental assessment of a proposed frontage road project along US 175 in Kaufman County near Crandall, TX. Ms. Majefski performed socioeconomic, land use, and environmental justice analyses.</p>

6. Brief resume of key persons, specialists, and individual consultants anticipated for THIS PROJECT.

a. Name and Title: **Tori Raines** | *Architectural Historian*

b. Project Assignment: *Cultural Resources*

c. Name of Firm with which associated:



d. Years experience: With this firm 1 With other firms 8

e. Education: (Degree(s)/Year/Specialization)
*M.S. | 2012 | Arts History & Culture Studies with Historic Preservation Concentration
 University of Texas at Austin.*
B.A. | 2006 | Arts: Anthropology | University of Texas at Austin

f. Active Registration: State/Year first registered/Discipline/License #

g. Other experience and qualifications relevant to the proposed project:

Tori Raines previously worked as a Section 106 archeological and architectural historian consultant and most recently worked for the Oklahoma Department of Transportation and has nine years of experience. Tori meets the criteria for professional qualifications for an Architectural Historian as defined by the National Park Service. Tori also holds a Masters in Regional and City Planning. Tori's technical expertise includes historic building surveys and documentation, property type identification and assessment to determine National Register eligibility, assessment of effect for Section 106 and NEPA compliance, National Register and HABS/HAER documentation, building condition assessments, rehabilitation and master plans, developing programmatic agreements and mitigation plans, and all components of Section 106 consultation process.

FM 2001 Environmental, Hays County, TX

Environmental Lead. Performed quality assurance and quality control for the Land Use and Socioeconomic Impacts portions for the Environmental Assessment of proposed new alignment of FM 2001 in Hays County, Texas.

SH 66 Historic Preservation Resource Identification Forms, Lincoln County, OK

Architectural Historian. Prepared the Historic Preservation Resource Identification forms and made National Register of Historic Places eligibility assessments as Architectural Historian for multiple historic-age buildings along SH-66 in Lincoln County, Oklahoma for the Oklahoma Department of Transportation.

SH 29 CE's, Stephens County, OK

Environmental Lead. Prepared the hazardous materials sections of the individual categorical exclusion for the widening and bridge replacements along SH-29 in Stephens County, Oklahoma for the Oklahoma Department of Transportation. Tasks included field reconnaissance, vegetation assessments, and database search and site assessment for hazardous materials. Prepared the individual categorical exclusion document and compiled specialist studies.

San Augustine Architectural Survey, San Augustine, TX

Project Manager. Prepared visual impact assessment memo report for proposed wireless communications tower in the City of San Augustine, Texas for Horizon Environmental Services, Inc. Tasks included assessment of photographs from site visit, documentation of historic-age buildings near the proposed tower location, and assessment of potential visual impact to historic district within FCC established area of potential effect.

6. Brief resume of key persons, specialists, and individual consultants anticipated for THIS PROJECT.

a. Name and Title: **Stacey Benningfield** | *Sr. Environmental Planner*

b. Project Assignment: *Planning & Permitting*

c. Name of Firm with which associated:



d. Years experience: With this firm 1 With other firms 33

e. Education: (Degree(s)/Year/Specialization)
Round Rock High School, 1980

f. Active Registration: State/Year first registered/Discipline/License # N/A

g. Other experience and qualifications relevant to the proposed project:

Stacey Benningfield has nearly 34 years of transportation experience. Her experience includes 26 years of specialization in environmental planning. She is highly skilled in managing all aspects of the environmental planning and permitting process for transportation projects. Her expertise includes preparation of NEPA documents, environmental field investigations, agency coordination, public involvement, and environmental permitting and mitigation planning. She has prepared Environmental Impact Statements (EIS), Environmental Assessments (EA), Categorical Exclusions (CE), EIS/EA Reevaluations, Section 4(f)/6(f) Evaluations and has successfully negotiated Section 404 permits, wetland mitigation plans and protection plans for threatened/endangered species. Ms. Benningfield possesses extensive knowledge of the transportation development process and the state and federal laws, rules and regulations governing that process. As a result of her extensive experience in the transportation industry, Ms. Benningfield has established valuable working relationships at all levels of government (federal, state and local) as well as with resource and regulatory agencies involved in the transportation planning process.

Mobility35 Program Manager for Williamson, Travis, and Hays Counties, Texas (TxDOT)

I-35 (Mobility35) Program Manager. Managed the development of the I-35 Capital Area Improvement Plan and the \$4B program of projects outlined in that plan. In this capacity, she was responsible for all aspects of the project planning and development process including NEPA compliance. Collectively, the projects identified in this award-winning plan, served to address the mobility issues along and across a 65-mile section of I-35. This community-driven, community-focused effort included more than 200 stakeholder meetings and numerous public meetings, open houses and virtual open houses.

South Padre Island Second Access (TxDOT)

Environmental Task Leader responsible for public meetings, agency coordination, and preparation of the Draft Environmental Impact Statement for this high profile project spanning the environmentally-sensitive Lower Laguna Madre. Project required extensive coordination with the U.S. Army Corps of Engineers, National Marine Fisheries Service and the U.S. Fish and Wildlife Service.

IH 35 at SH 29- Georgetown, Texas

Environmental Task Leader for preparation of a CE and Water Pollution Abatement Plan for the addition of a turnaround bridge on the I-35 frontage road in Georgetown, Texas. Working with TxDOT and the project sponsor Williamson County, environmental clearance was successfully expedited allowing this project to become the first project funded under TxDOT's Pass Through Financing Program to advance to construction.

SH 550 EA Re-evaluation, Cameron County, Texas

Environmental Task Leader responsible for preparation of an EA re-evaluation assessing the impacts of tolling. Of particular concern in the re-evaluation was the effect of tolling on environmental justice populations and impacts to jurisdictional waters. Ms. Benningfield successfully negotiated an Individual Section 404 permit and extensive mitigation plan while serving as agent for the Cameron County Regional Mobility Authority.

6. Brief resume of key persons, specialists, and individual consultants anticipated for THIS PROJECT.	
a. Name and Title: Matt Haverland <i>Biologist</i>	<p>Categorical Exclusions TxDOT Fort Worth District, Erath and Hood Counties, TX CEs were required for six projects consisting of the addition of shoulders to existing roadways within existing right-of-way. Matt completed field investigations to document wildlife, vegetation, waters and wetlands, hazardous materials, and other environmental concerns. Data was used to complete biological evaluation forms which assess the vegetation within the project limits and potential for threatened and endangered species to occur within the project limits. Water resource technical reports were also completed for the six projects with a determination of need for Section 404 permit for each project.</p> <p>Old FM 471 and Talley Road Bexar County Public Works, Bexar County, TX Matt served as a biologist for the proposed project which is needed to meet current design standards, implement operational improvements, accommodate growth and development in the area, and include bicycle/pedestrian amenities. Mr. Haverland worked with the environmental team in the preparation of the preliminary engineering portion of the project and prepared threatened and endangered species assessment and water resources technical memo. The preliminary engineering consisted of completing field work for biological resources.</p> <p>Sixmile Creek Individual Permit Bexar County Flood Control Program, TX Matt served as a biologist performing delineations needed for the preparation of an Individual Permit (IP) and associated mitigation plan for the proposed flood control improvements on Sixmile Creek at Stinson Airport. Mr. Haverland performed delineations for the area downstream of the project which is anticipated to be used for enhancement mitigation and completed the Texas Rapid Assessment Method to determine mitigation credits required to compensate for the proposed impacts from the project.</p>
b. Project Assignment: <i>Section 404 Permitting/Wetlands</i>	
c. Name of Firm with which associated: 	
d. Years experience: With this firm <u> 1 </u> With other firms <u> 5 </u>	
e. Education: (Degree(s)/Year/Specialization) <i>M.S. Wildlife Ecology, Texas State University, 2014</i>	
f. Active Registration: <i>State/Year first registered/Discipline/License #</i>	
g. Other experience and qualifications relevant to the proposed project: Matthew Haverland has 5 years of experience as a biologist, with an emphasis in wildlife and fisheries science. He has experience in working on reports for various NEPA documents including categorical exclusions and environmental assessments. Mr. Haverland has also prepared specialized documentation for various projects including Phase I ESAs, habitat assessments, jurisdictional determinations, and wetland delineations for USACE permitting requirements. His client experience includes the Texas Department of Transportation (TxDOT), various counties, water resource agencies, Central Texas Regional Mobility Authority, Oaks and Prairies Joint Venture, and NOAA Fisheries Service. Resurfacing of Simpson Road and Ward Road ODOT, Logan County, OK Matt served as a biologist for the proposed project involving the resurfacing of Simpson Road and Ward Road in Logan County, Oklahoma. Full delineations of potential waters of the U.S. were performed in addition to surveying for threatened and endangered species habitat for preparation for corresponding reports and final NEPA summary. County Roads and FM 62 Bridge Improvements TxDOT, Polk County, TX Matt served as a biologist completing field investigations to document wildlife, vegetation, and waters and wetlands. Data was used to complete biological evaluations and water resource technical reports for six projects involving bridge improvements in Polk County, Texas.	

6. Brief resume of key persons, specialists, and individual consultants anticipated for THIS PROJECT.

a. Name and Title: Angela Smith <i>GIS Specialist</i>	<p>183 North Mobility Project, EA, Central Texas Regional Mobility Authority/TxDOT Austin District - Williamson and Travis Counties, Texas GIS Analyst on this project to construct improvements to US 183 between the RM 620/SH 25 North interchange and MoPac. Providing GIS and mapping analysis, noise modeling, and air quality analysis for the environmental document on this eight mile long project in Williamson and Travis counties.</p>
b. Project Assignment: <i>GIS</i>	
c. Name of Firm with which associated: 	
d. Years experience: With this firm <u> 1 </u> With other firms <u> 3 </u>	
e. Education: (Degree(s)/Year/Specialization) <i>B.S. 2010 International Relations Texas State University</i> <i>GIS Certificate 2012 Austin Community College</i>	
f. Active Registration: State/Year first registered/Discipline/License #	
g. Other experience and qualifications relevant to the proposed project: Angela Smith is a GIS professional with four years of experience with the ArcGIS software package and extensions. Her GIS application experience includes environmental and transportation planning at an urban and regional level. She is also experienced in field data collection with various GPS units and software. Ms. Smith possesses an understanding of GIS management workflow, including data acquisition methods, storage and organization standards, and the ability to produce a quality cartographic end product for client needs. SH 45SW, State EIS, TxDOT Austin District - Travis and Hays Counties, Texas GIS Analyst on this new location project to construct a four lane divided toll road from MoPac to FM 1626 in Travis and Hays Counties. Ms. Smith provided mapping support and technical preparation of the FEIS for this state and locally funded project. Northwest Community Park Dam Remediation - Fort Worth, Texas GIS Analyst. CP&Y conducted wetland and waters of the U.S. determinations for the proposed City of Fort Worth Northwest Community Park. A Pre-construction Notification was submitted to the USACE for approval under Section 404 Nationwide Permit #3. Threatened/endangered species habitat assessments and USACE coordination (pre-application meeting) was also conducted as part of the project. Ms. Smith provided GIS and mapping support.	

6. Brief resume of key persons, specialists, and individual consultants anticipated for THIS PROJECT.	
a. Name and Title: Sarah Itz <i>Biologist</i>	<p>SH-9 at Fish Creek Bridge Replacement and Approaches, ODOT Completed wetland delineation, waters of the U.S. determination, and habitat assessment for a bridge replacement project in Hughes County, OK. Delineated complex forested wetland and braided stream system of Fish Creek. Also completed biological reports for inclusion in the CE document.</p> <p>Hazardous Materials Initial Site Assessments, ODOT Completed hazardous materials ISA reports for four projects in various locations around Oklahoma including Jackson, Seminole, Adair, and Hughes Counties. Performed field surveys, completed land use survey forms, conducted research for multiple potential hazardous material sites at the Oklahoma Corporation Commission, prepared and submitted ISA reports to ODOT.</p> <p>Choctaw Road Widening, City of Oklahoma City, ODOT Performed wetland delineation and habitat assessment for a roadway improvement project on the southeastern side of Oklahoma City. Prepared and submitted a PCN for NWP 14 to the Tulsa District of the USACE due to minor permanent impacts to a jurisdictional wetland. Prepared a wetland mitigation plan and coordinated with the City to buy mitigation credits from the Excel Mitigation Bank.</p> <p>NS 366 Improvements and Boggy Depot Road Bridge Replacement, Bryan & Atoka Counties, ODOT Completed a desktop review, field work, Biological Studies Reports, Initial Site Assessment Reports, and reviewed the Cultural Resources Reports for the reconstruction of two miles of Leavenworth Trail in Bryan County and a bridge replacement project on Boggy Depot Road over a tributary to Fronterhouse Creek in Atoka County.</p> <p>SH-79 at Red River Bridge Replacement, Jefferson County, OK Completed habitat assessment and waters of the U.S./wetland delineations for the SH-79 bridge replacement over the Red River. Prepared the Biological Studies Report, Waters and Wetlands Report, and the Initial Site Assessment.</p>
b. Project Assignment: <i>Section 404 Permitting/Wetlands/Habitat Assessment</i>	
c. Name of Firm with which associated: 	
d. Years experience: With this firm <u> 8 </u> With other firms <u> 1 </u>	
e. Education: (Degree(s)/Year/Specialization) <i>B.S. 2003 Ecology University of Texas Austin</i>	
f. Active Registration: <i>State/Year first registered/Discipline/License #</i>	
g. Other experience and qualifications relevant to the proposed project: Sarah Itz has over nine years of experience working on a variety of transportation and environmental projects. She has served as project manager or assistant project manager on Categorical Exclusions and Environmental Assessments for roadway projects. Her technical specialties include National Environmental Policy Act (NEPA) compliance, wetland delineations, agency consultation, obtaining nationwide permits, plant identification, threatened and endangered species surveys, and habitat assessments. Most of her experience has come in association with transportation and transit projects, pipeline projects, permitting with the U.S. Army Corps of Engineers (USACE), and threatened and endangered species surveys. CIRB NEPA On-Demand Services, ODOT Aided in the preparation of specialist studies (hazardous materials, waters and wetlands, and biological reports) for six bridge replacement projects throughout central Oklahoma. Gathered environmental constraints, created maps, prepared documents, and performed field surveys. Field surveys included habitat assessments for federally listed threatened and endangered species, vegetation survey, wetlands and waters of the U.S. delineations, and hazardous materials investigations. On-Demand Environmental Studies, ODOT Assisted in the preparation of specialist studies (biological, waters and wetlands, and hazardous materials reports) by performing field work, acquiring background environmental constraints, and creating graphics for several projects throughout Oklahoma.	

(1) Three bridge replacements on Co. Rd. NS-364, ODOT JP 27267(04) in Pontotoc County, Oklahoma	C	<u>NEPA services</u> Conducted specialist studies, prepared and completed NEPA documentation, and provided project management for on-demand CIRB bridge replacement project in Pontotoc Co.	Ms. Siv Sundaram Oklahoma Department of Transportation Environmental Programs Div. 200 N.E. 21st Room 3D-2A Oklahoma City, OK 73105 405.522.3791	2013	23,800	21,000
(2) Bridge & approaches on Co. Rd. NS-292 over E. Bitter Cr., ODOT JP 28341(04) in Grady County, Oklahoma	C	<u>NEPA services</u> Conducted specialist studies, prepared and completed NEPA documentation, and provided project management for on-demand CIRB bridge replacement project in Grady Co.	Ms. Siv Sundaram Oklahoma Department of Transportation Environmental Programs Div. 200 N.E. 21st Room 3D-2A Oklahoma City, OK 73105 405.522.3791	2013	23,760	21,530
(3) County bridge over an unnamed creek east of Connerville, ODOT JP 27845(04) in Johnston County, Oklahoma	C	<u>NEPA services</u> Conducted specialist studies, prepared and completed NEPA documentation, and provided project management for on-demand CIRB bridge replacement project in Johnston Co.	Ms. Siv Sundaram Oklahoma Department of Transportation Environmental Programs Div. 200 N.E. 21st Room 3D-2A Oklahoma City, OK 73105 405.522.3791	2013	23,100	20,870
(4) County bridge over an unnamed creek east of Connerville, ODOT JP 29213(04) in Johnston County, Oklahoma	C	<u>NEPA services</u> Conducted specialist studies, prepared and completed NEPA documentation, and provided project management for on-demand CIRB bridge replacement project in Johnston Co.	Ms. Siv Sundaram Oklahoma Department of Transportation Environmental Programs Div. 200 N.E. 21st Room 3D-2A Oklahoma City, OK 73105 405.522.3791	2013	22,900	20,670
(5) Three bridges on Co. Rd. NS-349, ODOT JP 29211(04) in Pottawatomie County, Oklahoma	C	<u>NEPA services</u> Conducted specialist studies, prepared and completed NEPA documentation, and provided project management for on-demand CIRB bridge replacement project in Pottawatomie Co.	Ms. Siv Sundaram Oklahoma Department of Transportation Environmental Programs Div. 200 N.E. 21st Room 3D-2A Oklahoma City, OK 73105 405.522.3791	2013	26,500	23,600

a. Project name and location	P, C I JV	b. Nature of firm's responsibility	c. Project Owner's name and address	d. Completion Date	e. Est. Cost (000's)	
					Entire Project	Firm's Portion
(6) SH-33 Cottonwood Creek bridge replacement, ODOT JP 28160(04) in the City of Guthrie, Logan County, Oklahoma	C	<u>NEPA & Cultural Resources</u> Provided Section 4f documentation for historic bridge replacement in historic district. Also provided Section 4f de minimis documentation for impacts to local park. Prepared draft Environmental Assessment for project. Public hearing anticipated.	Ms. Siv Sundaram & Mr. Scott Sundermeyer Oklahoma Department of Transportation Environmental Programs Div. 200 N.E. 21st Room 3D-2A Oklahoma City, OK 73105 405.522.3791	2013	124,510	124,510
(7) SH-38 bridge over Salt Fork Arkansas River, ODOT JP 28033(04) in Alfalfa County, Oklahoma	C	<u>Design & NEPA Services</u> Provided bridge & roadway design and NEPA services for bridge replacement project. Project involved road closure notification and Section 4f coordination with local park.	Mr. Trent Hurst & Ms. Joan Lindley Oklahoma Department of Transportation 200 N.E. 21st Oklahoma City, OK 73105 405.522.7610 & 405.521.3651	2013	246,590	241,170
(8) SH-29 widening & add shoulders for 9.1 miles, east of Marlow, ODOT JP 24412(04) & (07) in Stephens County	C	<u>NEPA services</u> Conducted specialist studies and provided project management under Statewide on-demand NEPA contract. Project included identification of a historic property within study area. Will provide CE completion once design plans are available.	Mr. Greg Worrell Oklahoma Department of Transportation Environmental Programs Div. 200 N.E. 21st Room 3D-2A Oklahoma City, OK 73105 405.522.8014	N/A	96,580	83,160
(9) NW 122 nd Street from N. Council Road to Rockwell Ave, Oklahoma City, Oklahoma	C	<u>Design & NEPA Services</u> One mile of widening from two to four lanes. Responsible for design services and NEPA documentation.	Ms. Nancy Ashton Environmental Coordinator OK Dept of Transportation 200 N.E. 21 st Street Oklahoma City, OK 73105 405.521.2676	2009	285,000	240,000
(10) SH 36 from US 70 to IH 44, Cotton County, Oklahoma	C	<u>Design & NEPA Services</u> Project to add turn lanes and shoulders to SH 36 in Cotton County. CP&Y provided design services and NEPA documentation for the project.	Mr. Bob Rose, P.E. Division 7 Engineer OK Dept of Transportation PO Box 460 Duncan, OK 73534 405.255.7586	2009	500,000	586,000

8. Use this space to provide any additional information or description of resources (including any computer design capabilities) supporting your firm's qualifications for the proposed project.

CP&Y, Inc. (CP&Y) has provided professional excellence in a full range of architectural and engineering services since 1980. Since its inception, the firm has grown to include a staff of more than 220 located in nine offices in Oklahoma, Texas, Arizona, and Virginia. Our personnel offer experience, dedication and personal concern for the client's needs by performing a wide range of environmental and engineering services.

CP&Y has built an outstanding staff of planners, ecologists, environmental specialists, GIS technicians, air/noise analysts, and architectural historians that has a history of achievement with the Oklahoma Department of Transportation, the Texas Department of Transportation and municipal clients across Oklahoma and Texas. Our staff has extensive experience in the preparation of feasibility studies, Categorical Exclusions (CEs), Environmental Assessments (EAs), Environmental Impact Statements (EISs), Historic Resource Surveys, Hazardous Materials Site Assessments, Section 4(f) documentation, Section 404 permitting, and Section 7 consultation on threatened and endangered species issues for transportation projects. CP&Y has the experience and expertise needed to ensure project compliance with the National Environmental Policy Act.

With more than 1,000 projects successfully completed since 1980, it is our goal to exceed CP&Y's established reputation of performing high quality planning, environmental and engineering services that match our clients' expectations. This is achieved through:

- | | |
|--|--|
| <ul style="list-style-type: none"> ▪ Qualified Staffing ▪ Scheduling and Budget Control ▪ Quality Control/Quality Assurance | <ul style="list-style-type: none"> ▪ Communication ▪ Personal Concern ▪ Follow-up Performance Reviews |
|--|--|

9. 61 O.S. 64. Offenses

Any consultant or person doing engineering work for the State of Oklahoma, their agents, servants or employees, who shall receive gratuity from any contractor or builder of any public building or works, or solicit, receive or make any political contribution from or to a contractor or a builder of any public building or works, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year. Any contractor or builder of any public building or works, their agents, servants or employees, who shall offer any gratuity or political contribution to any consultant doing engineering work for the State of Oklahoma, or who attempts to interfere with the competitive bid process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year.

10. The foregoing is a statement of facts. My signature below indicates I have read the above excerpt from Title 61 of the Oklahoma Statutes.

Signature



Date:

July 29, 2016

Return this form along with your letter expressing interest to the agency from which you received the notice of this project.

Typed Name and Title **James J. Roohms, PE – Senior Vice President, COO**



STATE OF OKLAHOMA

Consultant Services
For A Specific Project

1. Project Name/Location for which firm is filing:
EC 1813 Preliminary Engineering, Preparation of Construction Plans (Pre-qualification for County Engineering Services)

2a. Date of Announcement:
07/15/2016

2b. Agency originating announcement:
ODOT

3. Firm (or Joint-Venture) Legal Name and Address:

Enercon Services Inc.
100 E. Skelly Drive, Suite 450
Tulsa, OK 73135

3c. Name, Title, & Telephone Number of Principal Contact:

Michelle Barnett, P.E., CFM
Tulsa Operations Manager
918-665-7693

3a. Certificate of Authority Number: 1898

3d. Address of office to perform work if different from Item 3:

Same plus:

3b. FEI/Tax ID Number: [REDACTED]

Enercon Services, Inc.
Oklahoma City, OK 73116

4. Personnel by Discipline: (List each person only once, by primary function.)

70 Administrative	0 Economists	86 Mechanical Engineers	<u>9</u> <u>GIS Specialists</u>
3 Architects	64 Electrical Engineers	0 Mining Engineers	<u>97</u> <u>Environmental Scientists</u>
20 CAD/CADD Technicians	5 Estimators	0 Planners: Urban/Regional	<u>10</u> <u>Environmental Engineers</u>
6 Chemical Engineers	25 Geologists	0 Sanitary Engineers	<u>9</u> <u>Archaeologists</u>
67 Civil Engineers	5 Hydrologists	7 Soil Engineers	<u>195</u> <u>Health & Safety Specialists</u>
5 Construction Inspectors	0 Interior Designers	23 Specification Writers	_____
15 Draftsmen	0 Landscape Architects	23 Structural Engineers	<u>863</u> <u>Other</u>
7 Ecologists	6 Land Surveyors	0 Surveyors	<u>1620</u> <u>Total Personnel</u>

5. If submittal is by a JOINT-VENTURE, list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: All firms and the joint venture MUST be registered with Construction and Properties, Department of Central Services, 2401 N. Lincoln Blvd., Suite 106, P. O. Box 53448, Oklahoma City, OK 73152-3448.

Submittal is not a joint venture. Enercon is registered with Construction and Properties.

5a. Has this Joint-Venture previously worked together? Yes No If YES, how many times? N/A

6 Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Michelle Barnett – Operations Manager	a. Name and Title: Mary A. McBryar - NEPA Lead
b. Project Assignment: Program Manager	b. Project Assignment: Project Manager
c. Name of Firm with which associated: Enercon Services, Inc.	c. Name of firm with which associated: Enercon Services, Inc.
d. Years experience: With this firm 6 With other firms 17	d. Years experience: With this firm 2 With other firms 20
e. Education: Degree(s)/Year/Specialization M.S. / 1993 / Civil Engineering B.S. / 1991 / Civil Engineering	e. Education: Degree(s)/Year/Specialization B.S. / 1994 / Wildlife & Fisheries Science B.S. / 1994 / Wildlife & Fisheries Science; Minors: Zoology & Forestry
f. Active Registration: State/Year first registered/Discipline/License # OK / 1998 / Professional Engineer / Civil Engineering/ 19083 OSHA 40 Hour HAZWOPER - Current	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number
Oklahoma Certificate of Authority Number (if any) N/A	Oklahoma Certificate of Authority (if any) 1898
g. Other experience and qualifications relevant to the proposed project: Michelle is a Senior Project Manager overseeing wetland scientists, archaeologists, and environmental scientists. In this role, Ms. Barnett manages projects and is responsible for work quality, staff allocation, safety, cost control, and schedule compliance. She has provided NEPA documentation and project management for multiple FHWA NEPA and non-federal environmental reconnaissance projects in Oklahoma for counties, their engineers, and tribes. She has served as the Project Manager for ENERCON's Environmental Studies under EC 1661, 1450, 1401, 1355, and 1299 as well as PS&E support to multiple engineering firm subcontracts. These encompass a range of state highway roadway and bridge improvement projects similar to the ones proposed for this contract. Past and current projects of note include: - Non-federal environmental reconnaissance of bridge replacement on 14-mile Creek in Cherokee County including protected species and Section 404 issues. -Non-federal environmental reconnaissance for biological resources for roadway reconstruction at Sallisaw Creek WMA -Archival CR documentation of a WPA corridor in Atoka County, OK; -FHWA NEPA clearance of Section 106 bridges in Latimer and Bryan Counties; In addition to leading NEPA clearance projects coordinated with the engineering design, Michelle has extensive experience in development of presentations for large and small-scale public presentations. As project manager for similar projects, she has been responsible for documentation of public involvement in accordance with FHWA guidelines. Michelle has provided public and stakeholder involvement for 4(f) projects including SH-99 in Osage County and SH-10 which involved Camp Gruber, Greenleaf State Park, the ODWC, and USACE in Muskogee County resulting in deminimis impact findings.	g. Other experience and qualifications relevant to the proposed project: Mary has 22 years of environmental experience on a wide range of projects including experience with evaluation, application, and management of federal and state permits related to development proposals and projects on sites ranging from vacant forest lands to pre-disturbed areas. Mary has produced and/or reviewed numerous CE, EA, FONSI, and EIS documents , including any associated technical reports, in accordance with NEPA and other regulatory requirements to ensure compliance and agreement within and between the disciplines analyzed. Recent efforts include the preparation of CE package documents for Oklahoma state highway, roadway, and bridge improvement projects. She has conducted presence/absence surveys and relocations for the federally endangered American burying beetle, <i>Nicrophorus americanus</i> . She has also conducted site evaluations for suitable habitat and ESA Section 7 consultations. She also provides project management for both field and desktop activities in the preparation of CATEX, EA, and EIS documentation. She provided project management for multiple CE, EA and EIS projects in Alabama, Georgia, Kentucky, Mississippi, North Carolina, Tennessee and Virginia during her tenure with TVA. Mary has demonstrated expertise in NEPA, hazardous waste, fuel storage and handling, construction within waterways, biological studies, IBI & stream health surveys, wetlands identification, water quality, and cultural resource preservation.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Jefferson Laughlin, P.G. – Geosciences & Remediation National Lead	a. Name and Title: Bethany Scott – Environmental Scientist
b. Project Assignment: Senior Scientist	b. Project Assignment: Project Scientist
c. Name of firm with which associated: Enercon Services, Inc.	c. Name of firm with which associated: Enercon Services, Inc.
d. Years experience: With this firm 17 With other firms 13	d. Years experience: With this firm 2 With other firms 2
e. Education: Degree(s)/Year/Specialization M.S. / 1985 / Geology B.A. / 1981 / Chemistry	e. Education: Degree(s)/Year/Specialization B.S. / 2010 / Environmental Science M.S. / 2012 / Plant and Soil Sciences
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number MO / 1986 / Registered Geologist / 0713 TX / 2003 / Professional Geologist / 6085 National / 1994 / Certified Professional Geologist/ 9223 - OK / 1985 / OCC Licensed Remediation Consultant / 0384 OK / 2002 / OWRB Petroleum Driller / OP#1310 OSHA 40-hour HAZWOPER – Current Oklahoma Certificate of Authority (if any) N/A	f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Certified Floodplain Manager, (CFM) OK-13-00021 Oklahoma Certificate of Authority (if any) N/A
g. Other experience and qualifications relevant to the proposed project: Jeff has performed and managed numerous Phase I and II Environmental Site Assessments , remediation projects, and general environmental consulting services. He has performed numerous Risk-Based Corrective Action assessments for the State of Oklahoma. He has obtained closure on many leaking underground storage tank (LUST) sites by performing initial site assessments, site classifications, and initial response actions followed by toxicity and exposure assessments to determine Tier 1 Risk-Based Screening Levels (RBSL) and, as needed, Tier 2 Site-Specific Target Levels (SSTL). Jeff has conducted a variety of investigations for the oil and gas industry including hydrocarbon investigations at active gas plants, mercury investigation near gas meter houses, and brine contamination assessments surrounding reserve pits. He served as lead hydrologist for the site investigation and characterization of a proposed nuclear plant. He has managed projects within the ODEQ's Voluntary Cleanup Program . He is a specialist in Risk-Based Corrective Action (RBCA), Saltwater Impact Assessment, Groundwater Quality and Monitoring, Free Product Removal, Remedial Investigation/Feasibility Studies, and Conceptual Remediation Design. Previous experience on ODOT projects include the I-235 Centennial Emergency Investigation, the Barnsdall PSI, the Blanchard PSI, Seiling PSI, SH-183 PSI, Bixby PSI for SH-64, Glenpool PSI for SH-75, I-44 Reconstruction PSI, Wekiwa Road PSI, SH-5 Frederick PSI, Interstate Highway (I-40) Reconstruction Work Corridor Parcels 126 and 129 (PCB and Other Contaminant Remediation and Oversight).	g. Other experience and qualifications relevant to the proposed project: Bethany has performed Initial Site Assessments as well as Phase I Environmental Site Assessments in compliance with ASTM Practice E1527-13 and AAI, Final Rule 40 CFR Part 312 for a diverse clientele, including ODOT and multiple engineering firms. In addition, Ms. Scott has performed environmental site inspections in accordance with National Environmental Policy Act (NEPA) guidelines, documented detailed findings of environmental concern. ISAs she has completed for ODOT include US-64 roadway expansion in Pawnee County, two bridge replacement projects in Beaver County, and two bridge replacement projects in Osage County. As the lead on Oklahoma Department of Transportation (ODOT) Recon Reports , Ms. Scott conducted field GPS surveys, GIS mapping, and compiled final reports. While working on Federal Emergency Management Agency (FEMA) watershed scale flood risk analysis projects, she was responsible for planning, research, and community involvement. Bethany worked to foster collaboration between FEMA, Oklahoma Water Resource Board (OWRB), county, and local community officials.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: David X Williams, Ph.D. – Senior Biologist	a. Name and Title: Rebecca Carroll – Project Biologist
b. Project Assignment: Senior Scientist	b. Project Assignment: Project Scientist
c. Name of Firm with which associated: Enercon Services, Inc.	c. Name of firm with which associated: Enercon Services, Inc.
d. Years experience: With this firm 9 With other firms 20	d. Years experience: With this firm 10 With other firms 1
e. Education: Degree(s)/Year/Specialization Ph.D./2003/ Biology M.S./1993/ Biology B.A./1987/ History, Minor: Anthropology	e. Education: Degree(s)/Year/Specialization B.S. / 2005 / Zoology – Biomedical Sciences
f. Active Registration: State/Year first registered/Discipline/License # Arkansas Native Plant Society, Delzie DeMaree Fellowship 2002. Sigma Xi, Grant in Aid of Research 2001. Arkansas Native Plant Society, Dwight Moore Award for Botany 2001. Oklahoma Certificate of Authority Number (if any) N/A	f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Oklahoma Certificate of Authority (if any) N/A
g. Other experience and qualifications relevant to the proposed project: Dr. Williams is an experienced biologist and environmental professional specializing in Section 404, Threatened and Endangered Species, ecosystem restoration, and natural resources planning. Dr. Williams has comprehensive knowledge of Federal and State regulatory requirements including NEPA (EIS, EA, CE, and similar documents), CWA (extensive Section 404 experience- wetland delineations, wetland functional assessments, stream assessments, permits, mitigation planning and implementation, mitigation bank development), ESA (Section 7 consultation, BA, HCP, trap and relocation, monitoring). Additional related skills include: Experimental design, statistics, plant taxonomy, GIS, wetland, forest, and grassland ecology, ecological restoration, forestry practice, nuisance animal control, public relations, preparation of technical reports and maps, public speaking, personnel management, and inter-agency coordination. Dr. Williams has extensive experience with commercial development, transportation, and oil and gas projects. His project experience includes Wetlands delineation, permitting, and compensatory mitigation plans; Mitigation Bank planning and design; Preparation of NEPA and similar documents (EA, EIS, BA); Data analysis and research design for various water quality projects; Wetland planning and NEPA services for Oklahoma Department of Transportation; and Endangered species surveys and monitoring. Dr. Williams is currently performing Wetlands Delineation and Mitigation Planning for several highway projects and has worked on a potential wetlands bank site for ODOT under a statewide contract.	g. Other experience and qualifications relevant to the proposed project: Ms. Carroll's experience includes the following: waters and wetland delineations, vegetation classification and mapping, plant identification, electroshock fishing, avian surveys, small mammal trapping, terrestrial surveys, benthic invertebrate sampling, water chemistry data collection, gill netting, and habitat evaluation for threatened and endangered species. Ms. Carroll has conducted spring and summer avian surveys in Idaho and Oklahoma, and performed presence/absence surveys and habitat evaluations for the Lesser Prairie Chicken. Ms. Carroll has conducted biological evaluations in support of roadway and bridge improvement project, oil and gas pipeline, and well pad drilling sites in Oklahoma, Nevada, Arkansas, Kansas, Idaho, and Texas. She has conducted presence/absence surveys and relocations for the federally endangered American burying beetle, <i>Nicrophorus americanus</i> . She has also conducted site evaluations for suitable habitat and ESA Section 7 consultations. Ms. Carroll is currently assigned as a Biologist/Environmental Scientist for Biological Evaluations, Wetlands Delineations and Mitigation Plans , and preparation of Categorical Exclusion letters performed for ODOT under regional and statewide contracts.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Erica McLamb – Environmental Scientist	a. Name and Title: Andrew Ward – Project Manager
b. Project Assignment: Project Scientist	b. Project Assignment: Project Scientist
c. Name of firm with which associated: Enercon Services, Inc.	c. Name of firm with which associated: Enercon Services, Inc.
d. Years experience: With this firm 4 With other firms 8	d. Years experience: With this firm 7 With other firms 2
e. Education: Degree(s)/Year/Specialization B.S. / 1998 / Marine Biology	e. Education: Degree(s)/Year/Specialization B.S. / 2005 / Biology/Chemistry
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Oklahoma Certificate of Authority (if any) N/A	f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Certified Floodplain Manager, (CFM) OK-13-00021 Registered Professional Environmental Specialist/Sanitarian Certified Soil Profiler Oklahoma Certificate of Authority (if any)
g. Other experience and qualifications relevant to the proposed project: Erica's experience includes the following: stream and wetland delineations , natural community classification and mapping, plant identification, threatened and endangered plant and bird surveys, and habitat evaluation for threatened and endangered species . Erica has conducted presence/absence surveys and habitat evaluations for the Michaux's sumac, Schweintz's sunflower, smooth coneflower, harperella, American chaffseed, rough-leaved loosestrife, red-cockaded woodpecker, and bald eagle for the North Carolina Department of Transportation (NCDOT). Ms. McLamb has also assisted with freshwater mussel surveys and benthic invertebrate sampling. Erica has written the biological and jurisdictional resource sections for environmental planning documents (CE and EA) for NCDOT. She provides QA/QC review for ENERCON biological and wetland reports to ODOT. While at NCDOT Ms. McLamb applied for and received Nationwide and Individual CWA Section 404 Permits from USACE as well as the corresponding Section 401 permits from NCDWQ.	g. Other experience and qualifications relevant to the proposed project: Andrew's experience includes performing environmental site screenings and preparing detailed reports for construction projects including commercial development projects, State Highway construction projects, and oilfield construction projects. Andrew is trained in wetland delineation techniques and USACE regulations and has performed numerous wetland delineations for various projects and clients. He has participated in threatened and endangered (T&E) species surveys including field work and submitting reports and documentation to USFWS. He is permitted to handle and conduct surveys for the American burying beetle through the USFWS. Mr. Ward provides ABB surveys and documentation throughout the state for private and public sector clients. Mr. Ward is also WAFWA certified for the Lesser Prairie Chicken and experienced in field identification of LPC habitat. Andrew's previous role as an Environmental Programs Specialist with the Oklahoma Department of Environmental Quality (DEQ) has provided him with experience in many DEQ programs including air quality, water quality (public & private water supply), municipal & industrial wastewater, construction & industrial stormwater, and land protection/solid waste. As such, he is uniquely qualified to identify environmental issues in the field. Mr. Ward has working knowledge of Federal and State regulatory requirements including experience relating to National Environmental Policy Act (NEPA), Clean Water Act (CWA), and Endangered Species Act (ESA). He also has experience in GIS analysis/mapping, technical writing, and public speaking.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Spencer Aycock – Senior GIS Specialist	a. Name and Title: Alex Couch – GIS and Noise Modeling
b. Project Assignment: Sr. GIS Specialist	b. Project Assignment: GIS Specialist
c. Name of Firm with which associated: Enercon Services, Inc.	c. Name of Firm with which associated: Enercon Services, Inc.
d. Years experience: With this firm 2 With other firms 15	d. Years experience: With this firm 6 With other firms -
e. Education: Degree(s)/Year/Specialization BS 2001 Environmental Science GIS Certificate 2008	e. Education: Degree(s)/Year/Specialization B.A., Geography, University of Oklahoma, Norman, OK, 2010
f. Active Registration: State/Year first registered/Discipline/License # Geographic Information Systems Professional (GISP) 2012 Oklahoma Certificate of Authority Number (if any) N/A	f. Active Registration: State/Year first registered/Discipline/License # Oklahoma Certificate of Authority Number (if any) N/A
g. Other experience and qualifications relevant to the proposed project: Spencer closely with resource biological and cultural resource specialists to define and map habitat, wetlands, critical waters, and areas of interest. He is skilled in the use of the following software packages to prepare communications materials and analyze data: ESRI ArcServer, Spatial Analyst, 3D Analyst, ModelBuilder, ArcMap, ArcPad, AutoCAD and Microstation. He has significant experience working with biological and photogrammetric data through projects for the U.S. Fish and Wildlife Service and the U.S. Forest Service. Spencer has several biological, wetlands, resource reports and mapping to his credit including: <ul style="list-style-type: none"> • ODOT bridge and roadway projects • Fort Sill GIS Working Group Range Mapping • USFWS Wichita Mountains Mapping program • Forest Service Conservation Planning • GIS-enabled wetland mitigation monitoring • 404 permit mapping and analysis Spencer is not only a GISP professional but also an accomplished field biologist , which allows him to expedite map development and integrate GIS analysis with field activities.	g. Other experience and qualifications relevant to the proposed project: Alex develops GIS mapping and analysis for natural and cultural resources as well as provides modelling expertise in TNM 2.5 noise studies . His recent noise modeling experience for ODOT includes: <ul style="list-style-type: none"> • SH-20 Tulsa County Capacity Expansion and Bridge Replacements. This project involved a capacity expansion to SH-20 between US-75 and Collinsville, OK. Adding to the project complexity were the lack of preliminary design for analysis prior to the public meeting, incorporation of public meeting requests including additional impact analysis using varying speed limits, the presence of multiple existing speed limits along the roadway leading into Collinsville, and the presence of multiple receivers including a cemetery, residential subdivisions, and school. • US-64 Pawnee County Roadway Realignment. This project involved a roadway realignment offset without capacity expansion. The realignment featured vertical deviation from the original roadway elevations and potential structure relocations. The results of the survey indicated that no receiver would experience a significant increase in noise levels post-construction.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Jeff Jenkins – National Industrial Hygiene Lead	a. Name and Title: Sue Thompson - Environmental Scientist
b. Project Assignment: Senior Scientist	b. Project Assignment: Project Scientist
c. Name of Firm with which associated: Enercon Services, Inc.	c. Name of firm with which associated: Enercon Services, Inc.
d. Years experience: With this firm 12 With other firms 20	d. Years experience: With this firm 2 With other firms 17
e. Education: Degree(s)/Year/Specialization B.S./ 1980 / Chemistry	e. Education: Degree(s)/Year/Specialization M.S. /2012/ Industrial Hygiene and Environmental Health Sciences B.S./ 1994 /Wildlife Management & Environmental Law Enforcement
f. Active Registration: State/Year first registered/Discipline/License # Certified Industrial Hygienist, #4677C, 1990 Certified Safety Professional, #23521, 2012 Asbestos Licensed Inspector, Management Planner, and/or Project Designer Lead-Based Paint Risk Assessor –Oklahoma FHWA TNM 2.5 Trained Oklahoma Certificate of Authority Number (if any) N/A	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number 2012 AHERA Asbestos Inspector License – Oklahoma NIOSH 582 – Sampling and Evaluating Airborne Asbestos FHWA TNM 2.5 Trained Oklahoma Certificate of Authority (if any) NA
g. Other experience and qualifications relevant to the proposed project: Mr. Jenkins has more than 30 years' experience in conducting industrial hygiene and noise investigations and audits for employee exposure, community noise, legal issues, workers comp, and engineering reduction measures. He currently serves as ENERCON National Lead for Industrial Hygiene overseeing practitioners in Oklahoma as well as throughout the U.S. Jeff has completed the FHWA Noise Modeling course and has provided support to noise modeling projects for ODOT throughout the last 10 years including work on I-35 in Oklahoma City and numerous production facilities in Oklahoma and Texas. Jeff provides Expert Witness testimony in Noise , IAQ, Mold, Chemical Safety, Waste Disposal, Forensic, and Community Air Quality litigation throughout the U.S. and serves as a quality assurance expert in matters of noise and indoor air. With in-house capacity and on-hand field and personnel measurement equipment, Jeff and his team provide rapid response for our on-call clients. With the support of our GIS department, Mr. Jenkins provides monitoring of existing noise levels, modeling of projected noise based upon facility development or expansion, construction monitoring, and mitigation recommendations. Mr. Jenkins also provides blast analysis for private and public sector clients including storage and production facilities.	g. Other experience and qualifications relevant to the proposed project: Ms. Thompson is an industrial hygienist with experience using the FHWA TNM 2.5 noise model as well as use of field and personnel noise modeling equipment. Ms. Thompson provides hands-on noise assessment and monitoring. Her experience includes the following: <ul style="list-style-type: none">• Transportation noise studies for US-64 in Pawnee County Roadway Realignment and the SH-20 highway capacity expansion in Tulsa County.• Community noise assessments at pipe yard in residential and rural areas.• Conducts noise assessment for compressor and gas production facilities throughout Oklahoma and Texas• Personnel monitoring for noise exposure in construction and industrial programs• Conducts asbestos inspections, area monitoring, personal monitoring and clearance sampling for federal, state, local and private entities.• Presents annual and monthly safety training on construction and operational issues for division employees

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Michael Margolis, P.I, RPA, Senior Archaeologist	a. Name and Title: Gary Edington, P.I, Archaeology
b. Project Assignment: Project Scientist	b. Project Assignment: Project Scientist
c. Name of Firm with which associated: Enercon Services, Inc.	c. Name of firm with which associated: Enercon Services, Inc.
d. Years experience: With this firm 2 With other firms 13	d. Years experience: With this firm 1 With other firms 23
e. Education: Degree(s)/Year/Specialization M.A. / 2007 / Anthropology B.A./ 1999 / Anthropology	e. Education: Degree(s)/Year/Specialization M.A. / 1997 / Anthropology B.A. / 1993 / Ethics and Religion
f. Active Registration: State/Year first registered/Discipline/License # Oklahoma Certificate of Authority Number (if any) N/A	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number Oklahoma Certificate of Authority (if any) NA
g. Other experience and qualifications relevant to the proposed project: Mike has over 14 years of experience managing and conducting all phases of prehistoric and historic archaeological projects in the field, laboratory, and office. He is experienced making National Register of Historic Places (NRHP) evaluations, contributing to National Environmental Policy Act (NEPA) documents, and Native American Graves Protection and Repatriation Act (NAGPRA) compliance. He has conducted and supervised archaeology data recovery, testing, monitoring, and survey projects. Mr. Margolis is experienced in flaked stone, ground stone, and faunal artifact analysis and his areas of Interest and Expertise include Section 106 , NEPA, Behavioral Archaeology, Osteology, Formation and Mortuary Processes. He has prepared technical reports for many clients and agencies, including: <ul style="list-style-type: none"> • US-64 Roadway Realignment Survey and Reporting in Pawnee County • Bridge over Dog Thresher Creek Survey and Reporting, Osage County • Historic Caney River Bridge replacement Survey and Reporting, Osage County • Mud Creek Bridge Replacement Survey and Reporting, Pawnee County • Archaeological Data Recovery, Coal County, for Oklahoma DOT • Survey of Rail Corridor, Fort Worth Transportation Authority, Texas • Intensive Survey and NRHP Eligibility, Lampasas County, Texas • Archaeological Monitoring, Lampasas County, Texas • Class III Cultural Resources Archaeological Inventory Near Portal, AZ for USFWS • Archaeological Monitoring of I-19 Corridor, Pima County, Arizona, for ADOT • Marsh Station Interchange in Tucson, AZ for ADOT As a RPA, Mike is qualified to work on projects that cross the Oklahoma-Texas border. As a former practitioner in Texas, Mike is familiar with the CRM requirements of TXDOT and joint DOT projects.	g. Other experience and qualifications relevant to the proposed project: Gary's professional experience includes research and field work in all 77 counties of Oklahoma as field director. He has served as Principal and Co-Principal Investigator on research projects within the USDA Forest Service Kiamichi Ranger District, Oklahoma and Arkansas; the USDA Forest Service Cibola National Forest, New Mexico, Oklahoma and Texas. He has also conducted numerous field surveys for cultural resources for ODOT roadway and bridge improvement projects. Gary has been listed on Federal permits as field director with the Bureau of Land Management in Oklahoma and Texas; the Bureau of Land Management in the Trans-Pecos region of west Texas and eastern New Mexico; the USDA Forest Service Ouachita National Forest, Arkansas and Oklahoma; the Bureau of Reclamation in Oklahoma and Texas; the Bureau of Indian Affairs, Anadarko and Muskogee and the US Army Corps of Engineers in Oklahoma, Arkansas, Kansas and Texas. Gary has authored or co-authored over 200 CFR 800, Section 106 compliance technical reports up to several hundred pages in length and researched, investigated, and evaluated over three thousand cultural resources in his career. Gary was formerly a Researcher I for the OAS under a FTE grant for ODOT conducting file reviews of recorded historic and prehistoric archaeological resources within ODOT right of ways in all 77 counties of Oklahoma.

7. Work by firm or members which best illustrates current qualifications relevant to THIS PROJECT (list not more than 10 projects).

a. Project Name and Location	"P", "C", "JV" or "I"	b. Nature Of Firms Responsibility	c. Project Owner's Name and Address	d. Completion Date	e. Est. Cost (000's)	
					Entire Project	Firm's Portion
1. 14-Mile Creek Environmental Reconnaissance Cherokee County	C	Performed biological, wetlands, hazardous waste, and cultural resource reviews for low water crossing replacement with bridge.	Guy Engineering Tulsa, OK	2015	\$Unknown	\$7
2. Dwight Mission Road Reconstruction to Sallisaw Creek WMA, Sallisaw, OK	C	Performed biological, wetlands, and cultural resource reviews for reconstruction of 2-lane asphalt county road	Able Consulting Owasso, OK	2015	Unknown	\$8
3. Riverside Drive TIGER Grant City of Tulsa	C	Performed biological resource studies for NEPA compliance with TIGER Grant requirements for replacement of Riverside Drive.	Able Consulting Owasso, OK	2014	Unknown	\$12
4. SH-62 over Cane Creek Muskogee County	C	Performed biological, wetlands, hazardous waste, and cultural resource studies for bridge superstructure rehabilitation.	Schemmer Associates Tulsa, Oklahoma	2014	Unknown	\$18
5. US-64 Roadway Widening and Bridge Replacements, Pawnee County	C	Performing noise, biological, wetlands, hazardous waste, cultural resource studies and public involvement for bridge replacement.	PEC Tulsa, OK	Ongoing	Unknown	\$58
6. ID Wetland mitigation options and prepare Sec 404 App/ Mitigation Plan for I-44/I-235 Interchange Oklahoma County	C	Prepare wetland mitigation plan and Section 404 Permit Application	Oklahoma Department of Transportation Oklahoma City, OK 73105	2012	\$50	\$50
7. ODOT I-40 Reconstruction - Parcel 129 PCB and Other Contaminant Investigations and Remediation	C	ENERCON initiated a subsurface investigation of Parcel 129 to verify the presence of contamination and in preparation of highway construction	Oklahoma Department of Transportation Oklahoma City, OK 73105	2009	\$92.4	\$66
8. Nowata Mitigation Bank and Adjacent Land Wetland Assessment Nowata County	C	Site assessment of Verdigris Wetland Mitigation Bank to determine the areas for preservation, restoration, establishment, and enhancement.	Oklahoma Department of Transportation Oklahoma City, OK 73105	2010	\$57	\$57
9. SH-99 over Birch Creek Bridge Replacment in Hulah WMA, Osage County	C	Performed biological, hazardous waste, and cultural resource studies as well as Section 4(f) de minimis for USACE/ODWC lands and Section 404 I	Professional Engineering Consultants Tulsa, Oklahoma	2015	Unknown	\$38
10. EC 529, 1155, 1217, 1299, 1360, 1394, 1301, 1458, 1466, 1505, 1551, 1619, 1622, 1640, 1576 Biological and Wetland Studies	C	ENERCON contracted to Able Consulting to perform on-call biological resources and noise studies.	Able Consulting Owasso, Oklahoma	2015	Unknown	\$150

8. Use this space to provide any additional information or description of resources (including any computer design capabilities) supporting your firm's qualifications for the proposed project.

ENERCON operates its NEPA clearance services theTulsa and Oklahoma City offices. Their staff conduct resource studies throughout Oklahoma including biological, cultural, noise and initial site assessment surveys as well as NRCS, Section 4(f), and Section 6(f) coordination.

Operations Manager Tulsa

9. 61 O.S., § 64. Offenses

Any consultant or person doing architectural, surveying or engineering work for the State of Oklahoma, their agents, servants or employees, who shall receive gratuity from any contractor or builder of any public building or works, or solicit, receive or make any political contribution from or to a contractor or a builder of any public building or works, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more that Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year. Any contractor or builder of any public building or works, their agents, servants or employees, who shall offer any gratuity or political contribution to any consultant doing architectural, surveying or engineering work for the State of Oklahoma, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year.

10. The foregoing is a statement of facts. My signature below indicates I have read the above excerpt from Title 61 of the Oklahoma Statutes.

Signature: 

Digitally signed by Michelle Barnett
DN: cn=Michelle Barnett, o=Enercon Services, Inc., ou=Tulsa
Operations Manager, email=mbarnett@enercon.com, c=US
Date: 2016.07.25 14:40:38 -05'00'

Typed Name and Title: Operations Manager, Tulsa

Date:

07/25/2016

Return this form along with your letter expressing interest to the agency from whom you received the notice of this project.



STATE OF OKLAHOMA

Consultant Services For A Specific Project

1. Project Name/Location for which firm is filing: EC-1813, Preliminary Engineering, Preparation of Construction Plans (Pre-Qualification for County Engineering Services)	2a. Date of Announcement: 07/15/2016	2b. Agency originating announcement: Oklahoma Department of Transportation
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3. Firm (or Joint-Venture) Legal Name and Address:
 Garver, LLC
 6450 S. Lewis Avenue, Suite 300
 Tulsa, OK 74136

3a. Certificate of Authority Number: 4193

3b. FEI/Tax ID Number: [REDACTED]

3c. Name, Title, & Telephone Number of Principal Contact:
 Kirsten McCullough, Environmental Team Leader, 918-250-5922
 Brent Schniers, Vice President, 918-250-5922

3d. Address of office to perform work if different from Item 3:

4. Personnel by Discipline: (List each person only once, by primary function.)

<input checked="" type="checkbox"/> Administrative	<input type="checkbox"/> Economists	<input type="checkbox"/> Mechanical Engineers	<input checked="" type="checkbox"/> Environmental Scientists
<input type="checkbox"/> Architects	<input type="checkbox"/> Electrical Engineers	<input type="checkbox"/> Mining Engineers	<input checked="" type="checkbox"/> Environmental Planner
<input type="checkbox"/> CAD/CADD Technicians	<input type="checkbox"/> Estimators	<input type="checkbox"/> Planners: Urban/Regional	<input checked="" type="checkbox"/> GIS Specialist
<input type="checkbox"/> Chemical Engineers	<input type="checkbox"/> Geologists	<input type="checkbox"/> Sanitary Engineers	_____
<input checked="" type="checkbox"/> Civil Engineers	<input type="checkbox"/> Hydrologists	<input type="checkbox"/> Soil Engineers	_____
<input type="checkbox"/> Construction Inspectors	<input type="checkbox"/> Interior Designers	<input type="checkbox"/> Specification Writers	_____
<input type="checkbox"/> Draftsmen	<input type="checkbox"/> Landscape Architects	<input type="checkbox"/> Structural Engineers	_____
<input type="checkbox"/> Ecologists	<input type="checkbox"/> Land Surveyors	<input type="checkbox"/> Surveyors	<input checked="" type="checkbox"/> Total Personnel

5. If submittal is by a JOINT-VENTURE, list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: All firms and the joint venture MUST be registered with Construction and Properties, Division of Capital Assets Management, 2401 N. Lincoln Blvd., Suite 212, P. O. Box 53448, Oklahoma City, OK 73152-3448.

5a. Has this Joint-Venture previously worked together? Yes No If YES, how many times? _____

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT .			
a. Name and Title: Kirsten McCullough, Environmental Team Leader		a. Name and Title: Bill McAbee	
b. Project Assignment: Project Manager		b. Project Assignment: QA/QC	
c. Name of firm with which associated: Garver		c. Name of firm with which associated: Garver	
d. Years experience:	With this firm	4	With other firms
			14
d. Years experience:	With this firm	2	With other firms
			17
e. Education: Degree(s)/Year/Specialization MA / 1997 / Anthropology BA / 1993 / Anthropology		e. Education: Degree(s)/Year/Specialization Master of Science / 1994 / Biology Bachelor of Science / 1991 / Wildlife Ecology/Management	
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number 2005 / American Institute of Certified Planners / 019676 2002 / Registered Professional Archaeologist / 12484 Oklahoma Certificate of Authority (if any):		f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number Oklahoma Certificate of Authority (if any):	
g. Other experience and qualifications relevant to the proposed project: Kirsten is a project manager and Garver's Oklahoma Environmental Team Leader with 18 years of experience. She is experienced in location studies, National Environmental Policy Act (NEPA) documentation, and resource management. Kirsten's technical expertise includes transportation needs analysis, alternatives analysis, agency coordination, public involvement, and completion of environmental documents. Her experience includes both urban and rural projects and includes highway, transit, and utility infrastructure projects. She is familiar with the environmental and cultural resource regulations of numerous federal, state, and local agencies, including the Federal Highway Administration, the Federal Aviation Administration, Bureau of Indian Affairs, Bureau of Land Management, and several state departments of transportation and local governments. Kirsten has led numerous cultural resources investigations, including surveys, archaeological excavations, and historic building documentation. She has documented and evaluated hundreds of historic properties for National Register of Historic Places eligibility and is an expert in National Historic Preservation Act compliance. Kirsten has prepared several Section 4(f) evaluations as they relate to parklands and historic properties		g. Other experience and qualifications relevant to the proposed project: Bill McAbee is an environmental project manager and Garver's Environmental Team leader with 19 years of environmental project experience. His expertise stems from 15 years of experience completing transportation-related projects that range from categorical exclusions (CE) to environmental impact statements (EIS) and most recently a large planning and environmental linkage study (PEL); 17 years of experience completing wetland delineations, permitting, and mitigation; and over 19 years of experience completing endangered species and biological surveys, including birds, fish, and mammals. He has managed many environmental projects and has been involved in almost all aspects involved in NEPA studies such as public involvement, noise, air, environmental justice, cultural resources, and hazardous materials.	

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT .	
a. Name and Title: Cassie Schmidt	a. Name and Title: Ryan Mountain, WPIT
b. Project Assignment: Environmental Scientist/Natural Resources/Hazmat	b. Project Assignment: Environmental Scientist/Natural Resources/Hazmat
c. Name of firm with which associated: Garver	c. Name of firm with which associated: Garver
d. Years experience: With this firm 1 With other firms 3	d. Years experience: With this firm 10 With other firms 6
e. Education: Degree(s)/Year/Specialization Master of Science / 2011 / Biology-Zoology Bachelor of Science / 2005 / Biology-Zoology	e. Education: Degree(s)/Year/Specialization Bachelor of Science / 1999 / Fisheries and Wildlife Management
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Oklahoma Certificate of Authority (if any):	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number 2009 / Wetland Professional in Training / 324627 MS / 2013 / MDOT Stormwater Pollution Prevention / 12420 Oklahoma Certificate of Authority (if any):
g. Other experience and qualifications relevant to the proposed project: Cassie is an Environmental Scientist on our Transportation Team with four years of practice in environmental data collection and assessment, 2 years of project management experience, and an established knowledge of State and Federal environmental regulations and guidelines. Cassie has previous experience conducting Phase I & II Environmental Site Assessments (ESAs) per ASTM guidelines, completing Alternative Analyses and Functions and Services Assessments to satisfy Section 404 permitting requirements, and designing and drafting wetland and stream mitigation plans. Cassie is a permitted biologist for conducting surveys of the endangered American Burying Beetle, <i>Nicrophorus americanus</i> . Cassie's primary responsibilities include co-authoring NEPA documents; conducting wetland and stream delineations and other environmental field investigations; performing Initial Site Assessments (ISA); preparing biological evaluations for threatened and endangered species, and delineations of jurisdictional waters and wetlands. Cassie has designed and conducted environmental risk assessments, conducted water quality monitoring and <i>in situ</i> sampling, performed industrial hygiene and air quality investigations, and participated in wetland construction. She has technical expertise in statistical analyses and quantitative vegetation-structure measurements and is a trained ornithologist and mammalogist.	g. Other experience and qualifications relevant to the proposed project: Ryan Mountain is a senior environmental scientist on our Transportation Team with 16 years of environmental experience. Ryan's responsibilities include authoring and co-authoring NEPA documents, quality control reviews for on-call state and federal environmental documents, wetland and stream delineations, Section 404 permitting (Galveston, Little Rock, Memphis, Mobile, Tulsa, and Vicksburg districts), designing and drafting detailed wetland and stream mitigation plans, biological evaluations, habitat assessments, functional value assessments, Phase I ESAs, EDDAs and ISAs, spill prevention, and stormwater planning. He has participated in fish population surveys, rearing, distribution, spawning, identification, and aging and has completed numerous Phase I Environmental Site Assessments. Ryan has completed the Federal Highway Administration's Section 4(f) Overview course, covering the important statute that protects parklands, recreation areas, wildlife and waterfowl refuges, and significant historic sites; TNM 2.5 Noise Modeling course, regarding noise impacts; Wildlife Hazard Management training required by the Federal Aviation Administration for conducting Wildlife Hazard Assessments at airports; quality NEPA documents training; and air/industrial stormwater permitting training.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT .			
a. Name and Title: Lacey Stanley, EI, CFM		a. Name and Title: Carrie Landgraf, GISP	
b. Project Assignment: GIS Specialist/Environmental Documentation		b. Project Assignment: GIS Specialist	
c. Name of firm with which associated: Garver		c. Name of firm with which associated: Garver	
d. Years experience:	With this firm	7	With other firms
			0
e. Education: Degree(s)/Year/Specialization Bachelor of Science in Civil Engineering / 2008 / Hydraulics		e. Education: Degree(s)/Year/Specialization Master of Science / 2000 / Geography – Natural Resource Management Bachelor of Science / 1998 / Geography	
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number OK / 2012 / Engineer Intern / 14914 Nationwide / 2009 / Certified Floodplain Manager / OK-09-00041 Oklahoma Certificate of Authority (if any):		f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number 2014 / Certified GIS Professional / 67641 Oklahoma Certificate of Authority (if any):	
g. Other experience and qualifications relevant to the proposed project: Lacey Stanley is a project engineer on our Transportation Team with seven years of experience. She is experienced in hydrologic and hydraulic analysis and design, environmental studies and documentation, GIS data collection and analysis, and Section 404 permitting. Responsibilities include coordinating/assisting with environmental field investigations, drafting biological evaluations for threatened and endangered species and jurisdictional waters and wetlands, drafting hazardous materials assessments, and preparing GIS graphics documents. Her experience includes state, county, and city projects that consist of highway, county road, and street projects. She is familiar with ODOT's environmental procedures and water resources regulations. Lacey is a Certified Floodplain Manager (CFM) and is an active member of the Oklahoma Floodplain Managers Association (OFMA).		g. Other experience and qualifications relevant to the proposed project: Carrie Landgraf is a geographic information system (GIS) expert with 16 years of experience. She has experience in data model development, data migration, customized training, topological relationships, and enterprise GIS deployment. She is proficient in the special data standards for facilities, infrastructure, and environment (SDSFIE) data standard, metadata creation, surface danger zone (SDZ) development using Range Manager's Toolkit (RMTK), and spatial and attribute validation. She has also completed the FAA IDLE Level 3 Training for FAA Advisory Circulars AC 150/5300-16A, 17C and 18B. Carrie's expertise has been utilized primarily for municipalities and the Department of Defense.	

7. Work by firm or members which best illustrates current qualifications relevant to THIS PROJECT (list not more than 10 projects).						
a. Project Name and Location	"P", "C", "JV" or "I"	b. Nature Of Firms Responsibility	c. Project Owner's Name and Address	d. Completion Date	e. Est. Cost (000's)	
					Entire Project	Firm's Portion
1. ODOT EC-1450 Environmental Services Task Order 4, 34 th Street Widening, City of Woodward, OK	Prime	Environmental studies and NEPA Documentation	Oklahoma Department of Transportation 200 NE 21 st Street Oklahoma City, OK 73105	2015	45	45
2. ODOT EC-1450 Environmental Services Task Order 3, Three Bridge and Approaches over Crazy Creek, Delaware Co., OK	Prime	Environmental studies and NEPA Documentation	Oklahoma Department of Transportation 200 NE 21 st Street Oklahoma City, OK 73105	2015	49	49
3. ODOT EC-1450 Environmental Services Task Order 2, 101 st Street Widening, Tulsa County, OK	Prime	Environmental studies and NEPA Documentation	Oklahoma Department of Transportation 200 NE 21 st Street Oklahoma City, OK 73105	2015	80	80
4. ODOT EC-1355 Environmental Services Task Order 2, NS-413 over Opossum Creek, Nowata Co., OK	Prime	Environmental studies and NEPA Documentation	Oklahoma Department of Transportation 200 NE 21 st Street Oklahoma City, OK 73105	2012	22	22
5. ODOT EC-1355 Environmental Services Task Order 4, EW-24 over Elm Creek, Craig Co., OK	Prime	Environmental studies and NEPA Documentation	Oklahoma Department of Transportation 200 NE 21 st Street Oklahoma City, OK 73105	2013	16	16
6. ODOT EC-1231 Environmental Services Task Order 3, EW-15 over Willow Creek, Beaver Co., OK	Prime	Environmental studies and NEPA Documentation	Oklahoma Department of Transportation 200 NE 21 st Street Oklahoma City, OK 73105	2012	33	33
7. ODOT EC-1231 Environmental Services Task Order 4, EW-35 over Arkansas River, Pawnee/Osage Co., OK	Prime	Environmental studies and Historic Bridge Mitigation	Oklahoma Department of Transportation 200 NE 21 st Street Oklahoma City, OK 73105	2012	41	41
8. ODOT EC-1231 Environmental Services Task Order 1, Three roads in Alfalfa County, OK	Prime	Environmental studies and NEPA Documentation	Oklahoma Department of Transportation 200 NE 21 st Street Oklahoma City, OK 73105	2010	48	48
9. ODOT EC-1217 Environmental Services Task Order 3, D3615 in Osage Co., OK	Prime	Environmental studies and NEPA Documentation	Oklahoma Department of Transportation 200 NE 21 st Street Oklahoma City, OK 73105	2010	26	26
10. ODOT EC-1120 Environmental Services Task Order 2, Three projects in Division 7, OK	Prime	Environmental studies and NEPA Documentation	Oklahoma Department of Transportation 200 NE 21 st Street Oklahoma City, OK 73105	2009	100	100

8. Use this space to provide any additional information or description of resources (including any computer design capabilities) supporting your firm's qualifications for the proposed project.

Garver performs environmental studies, permitting, and documentation in accordance with local, state, and federal regulatory agency guidelines. Garver's experience, combined with our innovative, forward-thinking solutions, will provide maximum benefit to your projects. Our services include National Environmental Policy Act (NEPA) documentation, environmental compliance, environmental studies, and agency coordination.

Garver performs environmental studies and documentation required for the NEPA process. As alternatives are developed, known constraints such as major utilities and archaeological, biological, historical, and cultural resources are located as part of the environmental inventory to avoid and minimize impacts to the natural and human environment. Garver develops work plans that thoroughly document the environmental constraints and efficiently navigate the NEPA process with clearly and concisely summarized clearance reports. Garver's NEPA documentation experience includes environmental impact statements, environmental assessments, and categorical exclusions.

Recognizing environmental liabilities and incorporating best management practices are an integral part of complying with environmental laws and regulations. As environmental regulations continually change and become more stringent, Garver keeps abreast of the regulatory revisions and leading-edge design practices to provide value to our clients and keep them informed. Garver's compliance documentation experience includes Section 404 permitting and 401 certification, stormwater pollution prevention plans, Phase I and II environmental site assessments, and spill prevention control and countermeasure (SPCC) plans.

Garver coordinates with agencies regarding our clients' permitting and natural resources planning needs. Our ability to provide engineering, environmental, and surveying services allows us to accurately define natural resource issues that can affect project planning. These capabilities allow us to blend the built environment with the natural environment, producing mutually beneficial designs. Environmental studies include wetland delineation, biological and habitat evaluations, threatened and endangered species surveys, cultural resources survey, water quality, noise modeling, farmland impacts evaluation, and Section 4(f) identification.

Garver has a successful history of addressing public involvement issues. Garver's responsibilities include coordinating with local agencies, preparing materials for public hearings and workshops, and responding to requests or questions. Garver's responsibilities also include educating the public on the merits of a project and listening to the public as they provide positive and constructive suggestions that can enhance the project's effectiveness. During construction, our construction management representatives routinely address concerns from adjacent property owners and are well versed on providing positive public relations. Our personnel fully understand the importance of addressing these concerns by involving the correct team members and getting answers fast—before small issues become big problems.

9. 61 O.S., § 64. Offenses

Any consultant or person doing architectural, surveying or engineering work for the State of Oklahoma, their agents, servants or employees, who shall receive gratuity from any contractor or builder of any public building or works, or solicit, receive or make any political contribution from or to a contractor or a builder of any public building or works, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year. Any contractor or builder of any public building or works, their agents, servants or employees, who shall offer any gratuity or political contribution to any consultant doing architectural, surveying or engineering work for the State of Oklahoma, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year.

14. The undersigned hereby certifies that the facts stated herein are true and correct.



(Consultant Signature)

Brent Schniers, PE, Vice President/Transportation Team Leader

(Printed Name and Title)

July 25, 2016

(Date)

Return this form along with your letter expressing interest to the agency from whom you received the notice of this project.



STATE OF OKLAHOMA

Consultant Services
For A Specific Project

1. Project Name/Location for which firm is filing:
Engineering Contract No. 1813
Pre-Qualification for County Engineering Services

2a. Date of Announcement:
July 15, 2016

2b. Agency originating announcement:
Oklahoma Department of Transportation

3. Firm (or Joint-Venture) Legal Name and Address:
Halff Associates, Inc.
435 North Walker Ave., Suite 102
Oklahoma City, OK 73102

3c. Name, Title, & Telephone Number of Principal Contact:
Jason M. Diamond
Environmental Services Team Leader and Authorized Agent
1-800-425-3387

3a. Certificate of Authority Number: 707

3d. Address of office to perform work if different from Item 3:
1201 N. Bowser Road
Richardson, TX 75081
(Resources as needed to supplement Halff's Oklahoma office)

3b. FEI/Tax ID Number: [REDACTED]

4. Personnel by Discipline: (List each person only once, by primary function.)

1 Administrative	Economists	Mechanical Engineers	<u>1</u> <u>Traffic Noise Analyst</u>
1 Architects	Electrical Engineers	Mining Engineers	<u>1</u> <u>Air Quality Analyst/GIS Specialist</u>
CAD/CADD Technicians	Estimators	1 Planners: Urban/Regional	<u>4</u> <u>Environmental Scientists</u>
Chemical Engineers	1 Geologists	Sanitary Engineers	<u>1</u> <u>Public Involvement Expert</u>
Civil Engineers	Hydrologists	Soil Engineers	_____
Construction Inspectors	Interior Designers	Specification Writers	_____
Draftsmen	Landscape Architects	Structural Engineers	_____
Ecologists	Land Surveyors	Surveyors	<u>11</u> Total Personnel

5. If submittal is by a JOINT-VENTURE, list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: All firms and the joint venture MUST be registered with Construction and Properties, Department of Central Services, 2401 N. Lincoln Blvd., Suite 106, P. O. Box 53448, Oklahoma City, OK 73152-3448.

N/A

5a. Has this Joint-Venture previously worked together? Yes No If YES, how many times? N/A

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Jason M. Diamond , Environmental Services Team Leader	a. Name and Title: Rich Jaynes , Senior Environmental Scientist
b. Project Assignment: <u>Environmental Reconnaissance and NEPA Documentation</u>	b. Project Assignment: <u>Protected Species Studies and NEPA Documentation</u>
c. Name of firm with which associated: Halff Associates, Inc.	c. Name of firm with which associated: Halff Associates, Inc.
d. Years experience: With this firm 21 With other firms 0	d. Years experience: With this firm 11 With other firms 27
e. Education: Bachelor of Science/1995/Environmental Science	e. Education: LL.M./1999/Environmental Law LL.M./1990/Military Law; Federal Procurement Law Doctorate of Jurisprudence/1980/Environmental Law Master of Science/1977/Watershed Science Bachelor of Science/1976/Range Science
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number N/A Oklahoma Certificate of Authority (if any) N/A	f. Active Registration: Texas/2003/State Bar of Texas/No. 24038474 Oklahoma Certificate of Authority (if any) N/A
g. Other experience and qualifications relevant to the proposed project: Mr. Diamond is responsible for managing projects requiring environmental reviews to comply with the National Environmental Policy Act (NEPA). He has 21 years' experience performing, reviewing, and overseeing environmental studies. He has served as Project Manager numerous times to complete NEPA documentation in compliance with Federal Highway Administration (FHWA) and state DOT regulations and guidelines for major roadway and other transportation improvement projects. Projects include: Trinity Parkway Environmental Impact Statement, Dallas, TX: As Project Manager, prepared the EIS for a proposed 9-mile, 6-lane toll road within a federal floodway that would serve as a major reliever route to the south and west of the Dallas Central Business District. ROD was issued by FHWA in 2015. SM Wright Environmental Assessment, Dallas County, TX: As Team Leader and QA/QC Manager, ensured accuracy and completeness of the EA evaluating the conversion of a high-speed freeway to a low-speed arterial. Prepared documentation and performed agency coordination necessary for a Section 4(f) de minimis determination. Directed extensive public involvement efforts. FONSI was received in 2013. SH 114 Environmental Assessments, Denton County, TX: Performed project management and led public involvement efforts through the TxDOT and FHWA review process. The EAs evaluated the environmental impacts from the reconstruction of adjoining, two-mile sections of SH 114 in Denton County, including the SH 114/FM 156 interchange. FONSI were received for both projects. US 287, Environmental Assessment, Ellis County, TX: Project Manager for the EA and public involvement for the reconstruction of a 4-mile segment of a 2-lane undivided highway to a 4-lane divided highway with frontage roads. FONSI received 2015. Carson St. Bridge and Little Fossil Creek at SH 121, Categorical Exclusion, Tarrant County, TX: As Project Manager, provided oversight of the CE for proposed bridge and channel reconstruction. Project received environmental clearance in 2012.	g. Other experience and qualifications relevant to the proposed project: Mr. Jaynes has more than 30 years' experience analyzing and managing natural resources and assisting clients in complying with diverse legal requirements. He has more than 17 years' experience in wild land hydrology, plant science and ecology, range management, and natural resource mapping. While in the U.S. Army, he also took specialized training in environmental law and acquired more than seven years' experience developing compliance strategies for all major environmental statutes, defending client interests in enforcement actions, and performing environmental impact reviews. Projects include: Dallas North Tollway (DNT) Extension 4B/5A Environmental Analysis in Collin, Grayson, and Denton counties, TX: Performed environmental constraints analysis that served as the basis for the selection of a preferred alignment for 12 miles of new toll road by the North Texas Tollway Authority Board of Directors. Also led a team of environmental specialists in preparing an EA for the selected alignment. Trinity Parkway Environmental Impact Statement, Dallas, TX: Assisted in the overall planning and preparation of EIS documents (e.g., water and vegetation impacts, Section 404 permitting, analysis of the practicability of alternatives, indirect and cumulative impacts analyses, and public involvement) for a proposed new, 9-mile, 6-lane toll road that would serve as a major reliever route to the south and west of the Dallas Central Business District. IH 30 from Cooper Street to SH 161, including the IH 30/SH 360 Interchange EA in Arlington and Grand Prairie, TX: Project Manager responsible for completion of the EA. Project would construct an interchange with SH 360 to create full directional connectivity, and add 2 general purpose main lanes and 2 reversible managed lanes to 5.5 miles of freeway. FONSI was received in 2015. FM 1382 Turn Lane Project in Cedar Hill, TX: As Environmental Scientist, provided assistance regarding natural resources for the proposed construction of two turn lanes and auxiliary lanes. CE approved in 2015.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Jody Urbanovsky , Traffic Noise Analyst	a. Name and Title: Russell Marusak , Waters of the U.S. Specialist
b. Project Assignment: <u>Traffic Noise Modeling and Analysis</u>	b. Project Assignment: <u>Waters of the U.S. Delineation and Permitting</u>
c. Name of firm with which associated: Halff Associates, Inc.	c. Name of firm with which associated: Halff Associates, Inc.
d. Years experience: With this firm 12 With other firms 0	d. Years experience: With this firm 18 With other firms 2
e. Education: Associates of Applied Science/2000/Drafting and Design Technology Bachelor of Arts/2004/Geography and Geographic Information Systems	e. Education: Master of Arts/2013/Biology Bachelor of Science/1995/Wildlife and Fisheries Sciences
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number N/A Oklahoma Certificate of Authority (if any) N/A	f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number N/A Oklahoma Certificate of Authority (if any) N/A
g. Other experience and qualifications relevant to the proposed project: Mr. Urbanovsky's 12 years of experience include traffic noise analysis, Geographic Information Systems (GIS), cartography, remote sensing, computer science, and drafting design technologies. Representative projects: FM 2499 Section 5 (FM 2181 to IH 35E), Traffic Noise Analysis, Denton County, TX: Performed a reevaluation of the preliminary traffic noise analysis utilizing the FHWA-TNM computer model to evaluate noise impacts and potential mitigation associated with the expansion/creation of the roadway. Aided and conducted a community Noise Wall Workshop. Performed GIS analysis and created exhibits used in the production of the EA document and the community involvement accompanying the traffic noise analysis. SM Wright, Traffic Noise Analysis, Dallas County, TX: Performed an evaluation of the traffic noise analysis utilizing the FHWA-TNM computer model that evaluated noise impacts and potential mitigation associated with the improvements of existing roadways and the creation of new roadway. Performed GIS analysis. Created exhibits used in the EA and the community involvement process. US 635 and DNT, Dallas County, TX: Performed a traffic noise analysis using the FHWA-TNM computer model to evaluate noise impacts and potential mitigation associated with the reconfiguration of managed lanes on US 635 from Welch Road to DNT. Performed GIS analysis and created exhibits accompanying the traffic noise analysis portion of the reevaluation EA document. RM 620, Deepwood Drive to IH35 Traffic Noise Analysis, Williamson County, TX: Performed an evaluation of the traffic noise analysis utilizing the FHWA-TNM computer model that evaluated noise impacts and potential mitigation associated with the improvements of existing roadways and the creation of a new roadway. Performed GIS analysis and created exhibits used in the production of the CE document. McDermott Road, Plano, TX: Utilized TNM 2.5 to create a noise model for existing and projected traffic flows along McDermott Road. Also conducted GIS spatial analysis, constraints mapping, and exhibit production. Analyzed spatial data for geographic statistics to incorporate into documents and reports.	g. Other experience and qualifications relevant to the proposed project: Mr. Marusak's expertise includes jurisdictional determinations of waters of the US as regulated by the U.S. Army Corps of Engineers (USACE) and evaluation of Section 404 permitting requirements. Mr. Marusak has prepared and submitted several individual and general permit applications that have received USACE approval. Representative projects include: NWP 14 for I-30 Expansion from Loop 12 to Sylvan Avenue: coordinated with TxDOT Dallas District ENV staff; prepared all components of PCN components, including the delineation and compensatory mitigation plan. Served as primary point of contact with the USACE project manager. NWP 14 for the I-30 Expansion from Tarrant County Line to NW 7th Street: coordinated with TxDOT Dallas District ENV staff; prepared all components of PCN components, including the delineation and compensatory mitigation plan. Served as primary point of contact with the USACE project manager. Dallas North Tollway Phase 4 Expansion: Coordinated and assisted in all elements individual permit application, including collection of field data for wetland delineation and preparation of mitigation plan. Primary preparer of all documents relative to alternatives analyses, and oversaw the response to comments subsequent to the public notice. Assisted permittee in purchasing credits from local mitigation bank, and providing proof of purchase to USACE. Trinity River Mitigation Bank, Dallas-Fort Worth, TX: Acquired necessary Section 404 and Section 401 permits for the establishment and adoption of the first mitigation bank in the immediate D/FW Metroplex; coordinated implementation of bank management activities and post-permit monitoring of management activities; modified bank agreement to include additional parcels under the original banking instrument. Glass Mountain Pipeline in Alfalfa, Ellis, Garfield, Lincoln, Logan, Major, Payne, Woods, and Woodward Counties, Oklahoma: Managed multi-group team for cross country pipeline. Coordinated right-of-entry with client and landowners and prepared final delineation report for inclusion in NWP 12 submittal to USACE Tulsa District.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Zongpei Tang , Air Quality Analyst/GIS Specialist	a. Name and Title: Allen Terrell, RA, PE, LEED AP , Sr. Architect
b. Project Assignment: <u>Traffic Air Quality Analysis</u>	b. Project Assignment: <u>Historic Structures Studies</u>
c. Name of firm with which associated: Halff Associates, Inc.	c. Name of firm with which associated: Halff Associates, Inc.
d. Years experience: With this firm 9 With other firms 9	d. Years experience: With this firm 18 With other firms 19
e. Education: Masters of Science/2006/Applied Geography Bachelor of Science/1998/Economic Geography and Urban Planning	e. Education: Bachelor of Architecture/1979/Architecture
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number N/A Oklahoma Certificate of Authority (if any) N/A	f. Active Registration: Texas/1982/Licensed Professional Engineer/No. 58037 Texas/1982/Architecture/No.10566 Oklahoma Certificate of Authority (if any) N/A
g. Other experience and qualifications relevant to the proposed project: Mr. Tang's 18 years of experience focuses on traffic air quality analyses, GIS data spatial analysis, raster data modeling, Geodatabase design, web map development, and professional map design and creation. Representative projects: SM Wright Project Environmental Assessment, Dallas, TX: Performed quantitative Mobile Source Air Toxics (MSAT) analysis, traffic distribution data analysis, and Carbon Monoxide (CO) Traffic Air Quality Analysis (TAQA) to predict 1-hour/8-hour CO levels using EPA CALINE-3 model. Also responsible for all GIS tasks including: collecting spatial/tabular data; creating or converting shapefiles; mapping of environmental constraints and impacts; and creating map exhibits for the EA. FONSI issued in 2013. IH 30/SH 360 Environmental Assessment, Tarrant and Dallas Counties, TX: Performed quantitative MSAT analysis and CO TAQA for this highway project. Responsible for all GIS tasks including: collecting spatial/tabular data; creating or converting shapefiles; mapping of environmental constraints and impacts; and creating map exhibits for the EA. FONSI issued in 2015. DNT Extension Phase 4A, 4B, and 5A, Denton, Collin, and Grayson County, TX: GIS Task Lead; Corridor environmental constraints analysis and mapping; Project inter-discipline coordination; data collection, creation, management and quality control; GIS and CAD data conversion; Spatial data analysis for indirect and cumulative impacts analysis; Alternative routes analysis; Potential affected properties analysis; Map exhibits and data analysis reports for environmental assessments documentation. SH 183 Re-Evaluation of the Environmental Assessment and FONSI, From SH 360 to IH 35E, Dallas and Tarrant County, TX: Spatial data analysis for indirect impacts analysis; Land use analysis; Traffic distribution data analysis and mapping in correlation with build and no-build main lane and managed lane; map exhibits production for re-evaluation report.	g. Other experience and qualifications relevant to the proposed project: Mr. Terrell has served as Project Manager and Consultant evaluating and restoring historic structures. Projects include: IH 30 Cultural Resource Survey, Tarrant County, TX: In compliance with Section 106, surveyed over 100 structures including commercial and industrial buildings, schools, houses, and residential neighborhoods, highway bridges, railroad bridges, and other pre-1960 structures of historical and cultural significance. Survey was performed to identify environmental and historical resources for the Area of Potential Effect (APE) for the reconstruction and expansion of IH 30. SH 360 Corridor, Cultural Resources Survey, Arlington, TX: Surveyed over 100 structures including commercial and industrial buildings, schools, houses, and residential neighborhoods, Watson Cemetery, highway bridges, railroad bridges, and other pre-1960 structures of historical and cultural significance. This survey was performed to identify historical resources in the APE for the reconstruction and expansion of SH 360. SH 183 Corridor, Cultural Resources Survey: Surveyed over 100 structures including commercial and industrial buildings, schools, houses, and residential neighborhoods, Tompkins cemetery, highway bridges, railroad bridges, and other pre-1960 structures of historical and cultural significance. This survey was performed to identify historical resources in the APE for the reconstruction and expansion of SH 183. DNT Corridor Section 4B&5A, Historic-age Resources Survey, Collin, Denton, and Grayson Counties, TX: Surveyed over 30 structures including farmsteads, houses, barns and ancillary farm structures, and other pre-1978 structures of historical and cultural significance. The survey was performed to identify historical resources in the APE for this proposed 12-mile extension of DNT in Tollway in Collin, Denton, and Grayson counties.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Samantha Kannenberg , Environmental Scientist	a. Name and Title: Kent Belaire, PG, CAPM , Sr. Geologist
b. Project Assignment: <u>Socio-Economic Studies</u>	b. Project Assignment: <u>Hazardous Waste Studies</u>
c. Name of firm with which associated: Halff Associates, Inc.	c. Name of firm with which associated: Halff Associates, Inc.
d. Years experience: With this firm 3 With other firms 0	d. Years experience: With this firm 27 With other firms 10
e. Education: Bachelor of Arts/2013/Environmental Studies	e. Education: Bachelor of Science/1979/Geology
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number N/A Oklahoma Certificate of Authority (if any) N/A	f. Active Registration: Texas/2002/Licensed Professional Geologist/No. 398 Texas/2002/Corrective Action Project Manager/No.00052 Oklahoma Certificate of Authority (if any) N/A
g. Other experience and qualifications relevant to the proposed project: Ms. Kannenberg is responsible for preparing reports that document environmental impacts in accordance with NEPA. NEPA documentation, such as Categorical Exclusions and Environmental Assessments, are completed on behalf of various federal, state, and local agencies. Representative projects: Darrington Road, El Paso County, TX: The project involves the widening of Darrington Road from a two-lane roadway to a four-lane roadway within the Town of Horizon City. Involvement included conducting socioeconomic impact analyses and drafting the Community Impacts Technical Report, researching indirect impacts and drafting the Indirect Impacts Technical Report, and general preparation of CE documentation. Environmental clearance received in Jan. 2016. IH 30 from Cooper Street to SH 161, Including the SH 360 Interchange, Tarrant and Dallas Counties, TX: The project will provide 10 general purpose main lanes, extend the existing reversible managed lanes, and construct an interchange at IH 30/SH 360 to provide full directional connectivity between these major highways. Conducted the socioeconomic impact analyses. Prepared the Socioeconomic Technical Report and associated sections of the EA. FONSI received in 2015. US 287 from SH 34 to IH 45, Ellis County, TX: The US 287 project involves the reconstruction and widening of US 287 to accommodate the addition of main lanes, ramps, and frontage roads. Conducted the socioeconomic impact analyses and general document preparation. FONSI received in 2015. City of Fort Worth Trails and On-Street Bike Facilities, Tarrant County, TX: The City of Fort Worth Trails and On-Street Bike Facilities project involves the construction of three on-street and off-street pedestrian and bicycle facilities. Involvement has included conducting socioeconomic impact analyses, preparation of technical reports and general preparation of CE documentation. Project received environmental clearance in 2014.	g. Other experience and qualifications relevant to the proposed project: Mr. Belaire's experience is in environmental consulting, site investigations, remedial alternatives analysis, demolition, remedial design, and remedial construction. Projects include: North Tarrant Express, Tarrant County, TX: Project Manager for environmental due diligence services associated with ROW acquisitions for the 6-mi long Segment 2W of the NTE. The NTE is a public-private partnership to improve mobility along IH 35W, IH 820, SH 121, and SH 183 through the reconstruction of existing lanes, addition of frontage roads, and addition of managed toll lanes. Managed Phase I ESAs to document environmental conditions for 200 parcels based on historical and existing conditions and property use. Trinity Parkway EIS/Environmental Due Diligence Services, Dallas, TX: Project Task Leader for environmental due diligence task order required to support the future construction of the Trinity Parkway. Directed environmental site assessments on 128 properties prior to/during ROW acquisition to identify the risks and liabilities related to the environment and hazardous or other regulated substances. Managed the investigation of 24 potential high risk hazardous/regulated materials sites that involved the collection of soil and groundwater samples for laboratory analyses to determine the nature, extent, and source of contamination, evaluate cleanup alternatives, and to develop cost estimates for remediation and closure of affected areas in accordance with applicable rules and regulatory programs. Dallas Areas Rapid transit (DART), Environmental Site Assessments, North Texas: Project Manager for a multiple work order Indefinite Delivery Environmental Site Assessment Contract for DART involving environmental services required for the acquisition of real estate to support construction of light rail facilities in the Dallas Metroplex. Services provided included the preparation of EAs, completion of subsurface investigation, comprehensive asbestos surveys, waste stream evaluations, and remedial alternatives evaluation in accordance with risk-based cleanup criteria.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Cara Rouvaldt , Environmental Scientist	a. Name and Title: David Najvar , Planner/Environmental Scientist
b. Project Assignment: <u>NEPA Documentation and Public Involvement</u>	b. Project Assignment: <u>Environmental Reconnaissance and NEPA Documentation</u>
c. Name of firm with which associated: Halff Associates, Inc.	c. Name of firm with which associated: Halff Associates, Inc.
d. Years experience: With this firm 6 With other firms 0	d. Years experience: With this firm 1 With other firms 14
e. Education: Bachelor of Arts/2010/Environmental Studies	e. Education: Bachelor of Science/1999/Geography and Planning, Resource and Environmental Studies
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number N/A Oklahoma Certificate of Authority (if any) N/A	f. Active Registration: Texas/2005/American Institute of Certified Planners Oklahoma Certificate of Authority (if any) N/A
g. Other experience and qualifications relevant to the proposed project: Ms. Rouvaldt is responsible for NEPA studies (e.g., Categorical Exclusions, Environmental Assessments, and Environmental Impact Statements) and organizing public meetings and public hearings for transportation projects. Representative projects: IH 635 LBJ Freeway East Section from US 75 to I-30, Dallas County, TX: Preparation of notices, newsletter articles and public information material and presenting at stakeholder workshops and public meetings for the IH 635 LBJ Freeway East Section project, which involves the reconstruction of a 10 mile segment of IH 635 from US 75 to IH 30 within the Cities of Dallas, Garland, and Mesquite. US 287 from SH 34 to IH 45, Ellis County, TX: Preparation of notices and public information material for a public meeting and a public hearing in support of the EA. The proposed project involves the reconstruction and widening of a 4.5 mile segment on US 287. Project received a FONSI in July 2015. SM Wright Project that includes IH 45 from United States Highway (U.S.) 175 (SM Wright Freeway) to Lamar Boulevard, and US 175 from IH 45 to SH 310 at Budd Street, Dallas County, TX: Assisted with the socioeconomic analysis and public involvement – including preparation of notices, newsletter content, public information materials, and presentations for stakeholder workshops, public meetings, and two public hearings. FONSI received 2013. SH 66 from SH 205 to FM 1777, Rockwall County, Texas: Project manager for the CE documentation for proposed interim improvements for SH 66 to add turn lanes at SH 66 intersections with John King Blvd, FM 3549, FM 551, FM 552 and Erby Campbell Blvd. The addition of these turn lanes would require acquiring proposed ROW needs. Environmental clearance in November 2015.	g. Other experience and qualifications relevant to the proposed project: Mr. Najvar's experience includes conducting field investigations, coordination with federal and state regulatory agencies, preparing NEPA documentation, and project management. He has experience implementing thorough QA/QC procedures and completing reviews to assure accurate analyses and quality documentation. Representative projects include: FM 121 Roadway Improvements from FM 3356 to Jim Jones Road, Grayson County, TX: Project Manager/Environmental Scientist for the preparation of a Categorical Exclusion and USACE permitting. Environmental clearance in Jan. 2016. Park West Community Park Archeological Survey, City of Seguin, Guadalupe County, TX: Project Manager for an archeological survey and THC Survey Report for a municipal project completed in September 2015. Beard Park Hike and Bike Trail, Town of Little Elm, Denton County, TX: Project Manager for the preparation of a Categorical Exclusion and USACE permitting for a third-party TxDOT project funded through FHWA's Transportation Alternatives Program. Environmental clearance in August 2015. East Rosedale Street Reconstruction, City of Fort Worth, Tarrant County, TX: Environmental Scientist for the preparation of a Categorical Exclusion and USACE permitting. Environmental clearance in May 2015. East Court Street Cultural Investigation, City of Seguin, Guadalupe County, TX: Project Manager for the cultural investigation and THC reporting to address an inadvertent discovery during construction in 2015. FM 1516 Roadway Improvements from FM 78 to FM 1976, City of Converse, Bexar County, TX: Environmental Scientist for the preparation of an Environmental Assessment.

7. Work by firm or members which best illustrates current qualifications relevant to THIS PROJECT (list not more than 10 projects).

a. Project Name and Location	"P", "C", "JV" or "I"	b. Nature Of Firms Responsibility	c. Project Owner's Name and Address	d. Completion Date	e. Est. Cost (000's)	
					Entire Project	Firm's Portion
1. Trinity Parkway Environmental Impact Statement (EIS)/Record of Decision (ROD) City of Dallas, Dallas County, TX	C	Schematic and EIS/ROD, including agency coordination and PI, for 9-mile new location tollway in a federal floodway around the Dallas CBD.	North Texas Tollway Authority 5900 W. Plano Parkway, Suite 100 Plano, TX 75026	04/2015	\$16,900 (fee)	\$13,500 (fee)
2. SM Wright Project Environmental Assessment (EA)/Finding of No Significant Impact (FONSI) City of Dallas, Dallas County, TX	C	Schematic, EA, 4(f) de minimis, and PI for conversion of 6-lane freeway to low-speed arterial and construction of DC ramps between US 175 and IH 45.	TxDOT Dallas District 4777 US Highway 80E Mesquite, TX 75150	09/2013	\$700 (fee)	\$560 (fee)
3. SH 114 Urban Section EA/FONSI FM 156 to IH 35W Denton County, TX	C	Schematic, EA, and PI for 3-mile highway reconstruction from 2-lane rural facility to 6-lane divided urban freeway. Vegetation & WOUS impacts required mitigation.	Denton County 1505 E. McKinney St., Suite 175 Denton, TX 76209	06/2008	\$1,400 (fee)	\$1,000 (fee)
4. US 287 EA/FONSI SH 34 to IH 45 Ellis County, TX	C	Schematic, EA, and PI for highway reconstruction in a mostly agricultural area. Included NWP 14 for bridges and culverts at four stream crossings.	TxDOT Dallas District 4777 US Highway 80E Mesquite, TX 75150	07/2015	\$695 (fee)	\$466 (fee)
5. FM 2934 EA/FONSI FM 423 to the Dallas Pkwy Collin & Denton Counties, TX	C	Schematic, EA, and PI for roadway expansion in suburban fringe area. Issues included water crossings, T&E, farmland impacts, and socioec impacts.	Denton County 1505 E. McKinney St., Suite 175 Denton, TX 76209	12/2006	\$806 (fee)	\$650 (fee)
6. IH 30/SH 360 EA/FONSI Cooper St. to SH 161 Tarrant and Dallas Counties, TX	C	Schematic, EA, and PI for highway reconstruction; evaluated potential impacts on socioec, hazmat, and historic structures among other issues.	TxDOT Fort Worth District 2501 SW Loop 820 Fort Worth, TX 76133	08/2015	\$897 (fee)	\$628 (fee)
7. IH 30 Frontage Roads EA/FONSI SH 161 to Belt Line Road Grand Prairie, TX	C	Schematic, EA, and PI for frontage roads and ramps. Minimized impacts to forested wetland to meet NWP 14 criteria with a PCN. Evaluation of NRHP-eligible school.	City of Grand Prairie 206 West Church St. Grand Prairie, TX 75053	10/2014	\$460 (fee)	\$400 (fee)
8. Baker Blvd. (SH 183) Categorical Exclusion (CE) Handley Ederville to Rufe Snow Tarrant County, TX	C	Schematic, CE, and MAPO for bike/ped and multiple intersection improvements. Performed water, hazmat, biology, cultural resource, and other required studies.	City of Richland Hills 6700 Rena Drive Richland Hills, TX 76118	09/2014	\$320 (fee)	\$300 (fee)
9. Trinity River Trails CE City of Fort Worth, TX	C	Eng drawings and CE for on-street and off-street bicycle and pedestrian facilities partly funded with a federal Transportation Enhancement grant.	City of Fort Worth 4200 South Freeway, Suite 2200 Fort Worth, TX 76115	06/2014	\$430 (fee)	\$300 (fee)
10. Darrington Road Widening CE Alberton Avenue to LTV Road El Paso County, TX	C	Schematic, CE, and PI for road widening that included bike/ped improvements and upgraded drainage infrastructure. Involved noise, socioec, and biological studies.	TxDOT El Paso District 13301 Gateway Boulevard West El Paso, TX 79928	01/2016	\$527 (fee)	\$324 (fee)

8. Use this space to provide any additional information or description of resources (including any computer design capabilities) supporting your firm's qualifications for the proposed project.

EXPERIENCE & FAMILIARITY WITH PROCEDURES

Halff is a trusted firm for environmental reconnaissance and federal NEPA compliance with a long history of successfully working with state transportation agencies and local governments to navigate federal and state requirements for considering project impacts on the environment. Our success taking projects through the NEPA process and other environmental regulatory requirements serves as a testament to our understanding of engineering and environmental issues and our ability to develop partnerships with affected communities and regulatory agencies. While our past experience has primarily been in Texas, we are familiar with ODOT's guidance for non-FHWA funded projects as well as procedures for NEPA studies on State and Local Government Projects, and we understand the importance of following the Department's step-wise process and established coordination protocols. We have conducted scoping to identify issues and appropriate documentation needs, established a track record of developing accurate project schedules, performed environmental studies and resource agency consultation, and delivered quality documents on numerous projects. Halff has conducted extensive public involvement on a variety of projects and understands this is an integral part of the planning and project development process. Our public involvement experience includes developing PI plans, organizing community and interagency work groups, establishing project websites, publishing project newsletters, handling media outreach, and conducting presentations and meetings with a wide range of local organizations, elected officials, and individual stakeholders.

ABILITY TO PERFORM WORK

Halff is confident in our ability, demonstrated by our project experience, to evaluate environmental constraints and impacts and produce the necessary documentation for regulatory compliance on transportation projects ranging from major urban highway projects to rural roads and bridges. Our highly capable specialists have academic credibility and a unique ability to work side by side with federal, state, and local government agencies to provide environmental services in a way that maximizes efficiency and minimizes costs and schedule risks.

SPECIALIZED QUALIFICATIONS

Halff has an interdisciplinary team of engineers, planners, and environmental scientists with expertise in environmental reconnaissance activities and NEPA documentation and offers a full range of environmental services, including hazardous waste studies, stormwater management, floodplain studies, air quality analysis, traffic noise modeling and analysis, historic structures surveys, wetland delineation and Section 404 permitting, socioeconomic analyses, vegetation and wildlife habitat analysis including threatened and endangered species studies, farmland impact assessments, and indirect and cumulative impacts analyses. Halff also has Public Involvement specialists and a visual technologies team capable of producing animated 3D visualizations of projects.

CAPACITY TO ACCOMPLISH WORK AND MEET SCHEDULES

Halff has over 550 professionals in 15 offices across the Southwest, including a multi-discipline transportation engineering and environmental services group with more than 60 professionals. Halff has several ongoing projects, some of which are in the final stages of completion, but our team will be available and has the depth of resources to accomplish any work authorizations and meet desired schedules. Multiple staff members can be assigned on work authorizations to ensure there is ample capacity to complete tasks in an expedient manner. We have internal procedures in place to coordinate tasks and monitor progress. Halff is accomplished in identifying critical path tasks and addressing them early in the process to avoid schedule delays. Quality control reviews are built into our project schedules to allow internal review prior to submittal to ensure quality documents are provided that will minimize agency review time and document revisions.

9. 61 O.S., § 64. Offenses

Any consultant or person doing architectural, surveying or engineering work for the State of Oklahoma, their agents, servants or employees, who shall receive gratuity from any contractor or builder of any public building or works, or solicit, receive or make any political contribution from or to a contractor or a builder of any public building or works, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year. Any contractor or builder of any public building or works, their agents, servants or employees, who shall offer any gratuity or political contribution to any consultant doing architectural, surveying or engineering work for the State of Oklahoma, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year.

10. The foregoing is a statement of facts. My signature below indicates I have read the above excerpt from Title 61 of the Oklahoma Statutes.

Signature: 

Typed Name and Title: Environmental Services Team Leader/Authorized Agent

Date:

07/20/16

Return this form along with your letter expressing interest to the agency from whom you received the notice of this project.



STATE OF OKLAHOMA

Consultant Services
For A Specific Project

1. Project Name/Location for which firm is filing:
Preliminary Engineering, Preparation of Construction Plans (Pre-
Qualification for County Engineering Services) - Engineering
Contract No. 1813

2a. Date of Announcement:
July 15, 2016

2b. Agency originating
announcement:
Oklahoma Department of
Transportation Project
Management Division

3. Firm (or Joint-Venture) Legal Name and Address:

Mead & Hunt, Inc.
2440 Deming Way
Middleton, WI 53562

3c. Name, Title, & Telephone Number of Principal Contact:

Kim Shannon, Environmental Scientist
918-586-7281

3a. Certificate of Authority Number: CA 6455

3d. Address of office to perform work if different from Item 3:

1616 East 15th Street
Tulsa, Oklahoma 74120

3b. FEI/Tax ID Number: [REDACTED]

4. Personnel by Discipline: (List each person only once, by primary function.)

1 Administrative	Economists	Mechanical Engineers	<u>6</u> Environmental Scientist
Architects	Electrical Engineers	Mining Engineers	<u>5</u> Environmental Specialist
CAD/CADD Technicians	Estimators	Planners: Urban/Regional	<u>5</u> GIS Specialist
Chemical Engineers	1 Geologists	Sanitary Engineers	<u>2</u> Cultural Resources
Civil Engineers	Hydrologists	Soil Engineers	_____
Construction Inspectors	Interior Designers	Specification Writers	_____
Draftsmen	Landscape Architects	Structural Engineers	_____
Ecologists	Land Surveyors	Surveyors	<u>20</u> Total Personnel

5. If submittal is by a JOINT-VENTURE, list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: All firms and the joint venture MUST be registered with Construction and Properties, Department of Central Services, 2401 N. Lincoln Blvd., Suite 106, P. O. Box 53448, Oklahoma City, OK 73152-3448.

N/A

5a. Has this Joint-Venture previously worked together? Yes No If YES, how many times? _____

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Louis Bridges, Ph.D., Senior Environmental Professional	a. Name and Title: Laura Morland, PE, Environmental Practice Leader
b. Project Assignment: Quality Assurance/Quality Control / Hazmat	b. Project Assignment: Principal-in-Charge
c. Name of firm with which associated: Mead & Hunt	c. Name of firm with which associated: Mead & Hunt
d. Years experience: With this firm: 1 With other firms: 24	d. Years experience: With this firm: 22 With other firms: 14
e. Education: Degree(s)/Year/Specialization Ph.D/2004/Administration MA/1992/Curriculum and Instruction BS/1982/Biology, Minor Natural History	e. Education: Degree(s)/Year/Specialization BS/1979/Civil Engineering
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number 2016/40 Hr. HAZWOPER, 2011/0 Hr. OSHA Contractor Safety, 1996/Professional Wetland Scientist, CO/2006/Designing and Implementing Stormwater Management Plans, CO/2006/Stormwater Management During Construction Erosion Control Supervisor Training Oklahoma Certificate of Authority (if any)	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number WI/1994/Licensed Professional Engineer Oklahoma Certificate of Authority (if any)
g. Other experience and qualifications relevant to the proposed project: 2009–Present QA/QC Statewide Mitigation Projects for ODOT – Reviewed compensatory mitigation plans for 404 permit applications in support of ODOT road and bridge improvement projects across Oklahoma. Provided technical review for site assessments, site selection, landowner correspondence, site planning, agency coordination, and monitoring plans for multiple mitigation projects. 2015-2016 CDOT Wildlife and Nesting Birds Surveys – Completed fall 2015 and spring 2016 wildlife and nesting MBTA protocol level birds' surveys for the Highway 133 Paonia Reservoir rock scaling and blasting project. 2008-2015 Director of Environmental Compliance for the Eagle P3 project, Denver Colorado – Responsible for all environmental compliance as it relates to construction including USACE NWP and Individual permits, mitigation and restoration of stream and wetland impacts, stormwater, cultural/archeological and paleontological discoveries, hazardous material remediation for unidentified sources. Eight dedicated full time environmental scientist assigned to the project. 2009-2010 QA/QC ODOT On Call – Waters Re-Evaluations, Mitigation Provide technical review for multiple re-evaluations of potentially jurisdictional waterbodies related to bridge replacement projects across Oklahoma. Delineation reports and Mitigation Plans were review for ODOT and the U.S. Army Corps of Engineers, Tulsa Regulatory Branch. 2008-2009 QA/QC ODOT On Call – Categorical exclusion letters for four ODOT road and bridge replacement projects; reviewed waters/wetland delineations, T&E habitat assessments, Phase 1 ESA windshield surveys	g. Other experience and qualifications relevant to the proposed project: Laura Morland has 30 years of diverse national environmental, planning and engineering experience. Laura's experience includes planning and design, resident engineering, National Environmental Policy Act (NEPA) documentation and environmental compliance. She develops monitoring programs for regulatory compliance and has participated in numerous feasibility and planning studies. As national environmental practice leader, she coordinates team efforts, knowledge sharing and quality control. Laura excels at leading clients through the environmental planning process. Key related project experience: General Mitchell International Airport, Milwaukee, Wisconsin Laura was responsible for the consulting team's completion of this multiphase multi-year project. She prepared the feasibility study with input from planners, engineers and scientists which identified preferred alternatives. Led the multidisciplinary NEPA team to complete an Environmental Assessment (EA) that included wetland and natural resource investigations, environmental investigations for building and soil contamination, both above and below ground cultural resource investigations and related state historic preservation office (SHPO) consultation. Directed the construction emissions analysis, and DNR permitting of a 750-foot waterway enclosure. Point-of-contact with regulatory agencies, including the Department of Natural Resources (DNR) and US Army Corps of Engineers (USACE), during the entire project, which included design and construction administration. Awarded Outstanding Environmental Documentation Award by Federal Aviation Administration (FAA) Great Lakes Region for this complex project.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Kim Shannon, Environmental Scientist	a. Name and Title: Christina Slattery, Business Unit Leader
b. Project Assignment: Project Manager / Environmental Coordination	b. Project Assignment: Cultural Resources
c. Name of firm with which associated: Mead & Hunt	c. Name of firm with which associated: Mead & Hunt
d. Years experience: With this firm: 1 With other firms: 10	d. Years experience: With this firm: 21 With other firms: 1
e. Education: Degree(s)/Year/Specialization MS/1997/Applied and Natural Science (Botany) BS/1994/Biology	e. Education: Degree(s)/Year/Specialization MS/1994/Historic Preservation BS/1991/Art History
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Oklahoma Certificate of Authority (if any)	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number Oklahoma Certificate of Authority (if any)
g. Other experience and qualifications relevant to the proposed project: May 2010 to April 2015 Mitigation Plan for ODOT, Durant Bypass – Prepared a compensatory mitigation plan for a 404 permit in support of ODOT’s bypass loop around US70 in Durant, OK. Coordinated with USACE, ODOT, subcontractors, and the City of Durant during the project. ODOT Local Government Contract for Statewide County Road and Bridge Projects These similar county-level projects included attending plan-in-hand meetings, the delineation of waterbodies, assessment of potential habitat for federally protected species, reporting efforts, the completion of project specific NEPA clearance documents, and coordination with ODOT contacts and county commissioners. Coordinated staff and completed field assessments and related reports in support of the Categorical Exclusion (CE) documents, report review with ODOT specialists, and preparation of the final CE. 2009 to January 2010 Waters Re-Evaluations, Mitigation for ODOT – Assisted with multiple re-evaluations of potentially jurisdictional waterbodies related to bridge replacement projects across Oklahoma. Delineation reports, 404 permits, and compensatory mitigation plans were prepared for ODOT and coordinated with the USACE. Threatened & Endangered Species Surveys, EC 1660 for ODOT – Serving as the project manager for the current ODOT EC 1660 contract where she is managing a subconsultant in performing visual and acoustic surveys of protected bat species for multiple bridge replacement projects in eastern Oklahoma. Specific reports were prepared by the subconsultant, reviewed by Mead & Hunt and provided to ODOT. Mitigation Coordination for ODOT with Multiple Agencies, EC 1660 for ODOT – Assisting ODOT with the coordination of various mitigation projects across Oklahoma. As project manager of this current contract she is working directly with the USACE, other consultants, and the Oklahoma Chapter of The Nature Conservancy, a key mitigation partner for ODOT.	g. Other experience and qualifications relevant to the proposed project: Christina Slattery serves as the business unit leader and project manager for Mead & Hunt’s historic preservation projects nationwide specializing in assisting Department of Transportation with Section 106 compliance. She has expertise in the history of historic roads, bridge technology, American architecture and landscape architecture. Her experience over the past 22 years includes the identification, evaluation and management of historic roads and corridors and collaboration with bridge engineers on statewide historic bridge surveys, evaluation and management plans. Christina has extensive experience developing historic contexts and applying the National Register Criteria to a variety of property types. She has completed mitigation activities to comply with Section 106 including HABS/HAER documentation and the preparation of National Register nominations and National Register Multiple Property Documents. Christina exceeds the <i>Secretary of the Interior’s Standards</i> for history and architectural history. Key related project experience: Oklahoma Depression-Era Bridge and Road-related Inventory – Development of a historic context and evaluation criteria to address the eligibility of the state’s Depression-Era bridges and culverts. Louisiana Historic Bridge Inventory – historic context, inventory and National Register evaluations leading to a statewide Programmatic Agreement. Mitigation activities include HAER documentation and historic bridge management plans. Alaska Historic Road Evaluation – historic context and evaluation methodology, including a screening process for historic roads. Cultural Resources On-Demand contract 1659 and 1551 – Completion of Task Orders to assist ODOT with cultural resource compliance. Activities include HAER documentation, exhibit preparation, popular history preparation and data collection. Route 66 in California – historic context development and Multiple Property Document for this nationally important route in California.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Elizabeth Boyer, Cultural Resources Specialist	a. Name and Title: Kelly Maddoux, AICP, Senior Planner
b. Project Assignment: Cultural Resources	b. Project Assignment: Environmental Coordination
c. Name of firm with which associated: Mead & Hunt	c. Name of firm with which associated: Mead & Hunt
d. Years experience: With this firm: <1 With other firms: 6	d. Years experience: With this firm: 4 With other firms: 23
e. Education: Degree(s)/Year/Specialization MA/2008/Historic Preservation BA/2006/Historic Preservation	e. Education: Degree(s)/Year/Specialization BS/1987/Environmental Design Graduate Studies/1988/Landscape Architecture
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Oklahoma Certificate of Authority (if any)	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number 1992, American Institute of Certified Planners (AICP) Oklahoma Certificate of Authority (if any)
g. Other experience and qualifications relevant to the proposed project: Liz Boyer is an architectural historian with over 6 years of experience in documenting, evaluating and researching historic resources. She completes historical context studies, reconnaissance and intensive surveys, Determinations of Eligibility, National Register Nominations, and Section 106 compliance projects. Her responsibilities include archival and historical research, field survey, photographic documentation, and report preparation. Liz exceeds the Secretary of the Interior's Standards in history and architectural history. Key related project experience: Reconnaissance Survey and Determination of Eligibility, Stillwater Regional Airport Terminal, Stillwater, Oklahoma – Completed Section 106 historic review for a proposed expansion of the Stillwater Regional Airport Terminal. Conducted a site visit and prepared an Oklahoma Historic Preservation Resource Identification form and Determination of Eligibility for the terminal building. Route 66 Roadbed Survey Update, ODOT, Statewide Oklahoma – Conducted fieldwork to document bridges along Route 66 and participated in the collection of data to include these resources on ODOT's KMZ file for this historic route and scenic byway. Reconnaissance Survey and Determination of Eligibility, WisDOT, STH 154 Sauk County, Wisconsin – Completed Section 106 historic review for a roadway improvement project encompassing 9.4 miles of STH 154. Completed fieldwork, prepared Architectural History Survey report and contributed to the Determination of Eligibility of the Roewer General Store. HAER Documentation, Louisiana Department of Transportation and Development, Louisiana – Preparing HAER- level 2 documentation for two historic bridges to fulfill mitigation activities outlined in the state's Programmatic Agreement for Historic Bridges.	g. Other experience and qualifications relevant to the proposed project: Kelly Maddoux joined the Mead & Hunt team with Barnard Dunkelberg & Company in 2012 and serves as a project manager and senior planner for the company. He is responsible for performing environmental studies, site evaluation and selection studies; and developing airport master plans and terminal area plans for airports in many states. Kelly is a thorough and talented planner with solid written and oral communication skills. He is comfortable in both large and small group settings and is skilled at delivering well-documented, informative and understandable presentations. Key related project experience: ODOT State Highway 20 Environmental Assessment (EA) – Project manager, integrating multiple work elements into EA. Intermodal Access Road Environmental Impact Statement (EIS), Northwest Arkansas Regional Airport, Bentonville, Arkansas – Project manager, integrating multiple work elements into EIS; land use impacts evaluations; Public Involvement lead.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Dustin Wolff, AICP, Senior Planner	a. Name and Title: Rick Jones, CWB/FAA-Qualified Airport Wildlife Biologist
b. Project Assignment: Noise Studies	b. Project Assignment: Biological
c. Name of firm with which associated: Mead & Hunt	c. Name of firm with which associated: Mead & Hunt
d. Years experience: With this firm: 7 With other firms: 12	d. Years experience: With this firm: 3 With other firms: 10
e. Education: Degree(s)/Year/Specialization MUP/1998/Urban Planning BA/1996/History	e. Education: Degree(s)/Year/Specialization MS/2008/Wildlife Ecology BS/2003/Field Biology
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number 2005/American Institute of Certified Planners (AICP) FHWA-NHI Highway Traffic Noise course 142051 Oklahoma Certificate of Authority (if any)	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number Certified Wildlife Biologist (CWB) FAA Qualified Airport Wildlife Biologist Oklahoma Certificate of Authority (if any)
g. Other experience and qualifications relevant to the proposed project: Dustin has more than 18 years of experience working with communities, counties, state agencies, and stakeholder groups on land use planning, transportation planning, and public involvement. He has a thorough working knowledge of National Environmental Policy Act (NEPA) and Wisconsin Environmental Policy Act (WEPA) and the regulations involved with each. He has experience in the preparation of environmental documents, including Environmental Assessments and Environmental Reports, applying the WisDOT style guide and document protocol. Dustin has developed and implemented numerous public participation and community involvement programs that include education, outreach, and conflict resolution, and information sessions with communities and stakeholders. Dustin has successfully completed regular National Highway Institute and Federal Highway Administration training courses for NEPA and Transportation Decision-making, preparing environmental documents, developing a Finding of No Significant Impacts, and Indirect and Cumulative Effects analysis. Key related project experience: USH 12 Interchange, Dane County, Wisconsin – This project serves to vastly improve the section of USH 12 (the Beltline) from Terrace Avenue to Mineral Point Road. Mead & Hunt was responsible for project development for this multifaceted project that addressed capacity, pavement service life, intersection operation, and traffic noise concerns. Traffic volumes on the four-lane freeway exceed 60,000 AADT. The project improvements consist of the rehabilitation of the Beltline; auxiliary lanes; interchange ramp reconstruction and ramp meter installation; ITS, traffic signal and intersection improvements; median safety barrier; and a 3,300-foot long sound barrier wall. An existing neighborhood was impacted by high levels of traffic noise. The project analyzed the benefit of a sound barrier to mitigate the noise impact on 33 residential properties. Dustin authored the required environmental report, outlining the purpose and need for the project, delineating the design alternatives, conducting public involvement and determining the direct and indirect impacts on residents, businesses and the environment.	g. Other experience and qualifications relevant to the proposed project: Rick Jones is a CWB and has more than 13 years of experience in the environmental consulting industry. Over the past 13 years, he has served exclusively on environmental activities related to transportation, energy, and oil and gas projects. He specialized in environmental planning and permitting, project management, client management and regulatory agency coordination. In addition to regulatory activities and management tasks, Rick has performed numerous natural resources studies, including threatened and endangered species surveys, avian surveys, migratory bird surveys, mammal surveys, habitat assessments and wildlife management plans. Key related project experience: Wildlife Hazard Assessment (WHA) and Management Plan, Pueblo Memorial Airport, Pueblo, Colorado – Rick Jones completed the WHA surveys using the protocol established by Part 139.337. Training airport staff in accordance with FAA requirements was also provided. The WHA report was approved by the FAA in June 2013, and the WHMP was approved in December 2013.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Brauna Hartzell, GISP/GIS/Image Processing Analyst	a. Name and Title:
b. Project Assignment: GIS	b. Project Assignment:
c. Name of firm with which associated: Mead & Hunt	c. Name of firm with which associated:
d. Years experience: With this firm: 23 With other firms: 4	d. Years experience: With this firm: With other firms:
e. Education: Degree(s)/Year/Specialization MS/1994/Environmental Monitoring BS/1982/Biological Science	e. Education: Degree(s)/Year/Specialization
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Certified GIS Professional Oklahoma Certificate of Authority (if any)	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number Oklahoma Certificate of Authority (if any)
g. Other experience and qualifications relevant to the proposed project: Brauna Hartzell has more than 20 years of experience applying GIS software and database design techniques to support wetlands and water resources, historic preservation, community planning, transportation, and municipal infrastructure and storm water management. She has worked extensively with GIS and mapping software including ArcGIS desktop and ARC/INFO workstation and has specialized experience with 3D Analyst, Network Analyst and Spatial Analyst. She also collects environmental field data using hand-held GPS units and post-processes information for inclusion in databases and use in spatial analyses. Brauna is also experienced with GIS-related data submittal requirements associated with the Federal Energy Regulatory Commission (FERC). Key related project experience: USH 53 Wetlands Impact Management Project – GIS analyst conducted land cover classification and GIS analyses to identify potential areas for wetland mitigation necessary for the expansion of USH 53. Wetland Mitigation and Bank Site Monitoring, Dane County Regional Airport – Wetland scientist assisting with wetland monitoring compliance tasks including invasive species monitoring and collection of botanical and hydrologic data. She also performed compliance-based monitoring protocols and groundwater surface mapping. Jacobsen Wetland Mitigation Site Groundwater Modeling – GIS analyst mapping changes in depth to water table over time as part of a groundwater monitoring effort.	g. Other experience and qualifications relevant to the proposed project:

7. Work by firm or members which best illustrates current qualifications relevant to THIS PROJECT (list not more than 10 projects).

a. Project Name and Location	"P", "C", "JV" or "I"	b. Nature Of Firms Responsibility	c. Project Owner's Name and Address	d. Completion Date	e. Est. Cost (000's)	
					Entire Project	Firm's Portion
1. Categorical Exclusion – City of Broken Arrow, Oklahoma	I	Specialist studies for road widening and bridge replacement. Conducted waters/wetland delineation and threatened/engdangered habitat assessment	City of Broken Arrow 220 South First Street Broken Arrow, OK 74012	2013	unknown	\$52
2. ODOT SH 20 Environmental Assessment – Oklahoma	P	Environmental, NEPA documentation, land use impact, public involvement	ODOT Environmental Programs Division 200 N.E. 21st Street, Room 3D2a Oklahoma City, OK 73105	2000	N/A	\$350
3. Environmental assessment, Will Rogers World Airport – Oklahoma City, Oklahoma	C	Environmental assessment included wetlands, fish and wildlife, and cultural and historic resources, as well as socioeconomic impacts and traffic	Mark Kranenburg, Director of Airports Will Rogers World Airport 7100 Terminal Drive, Unit 937 Oklahoma City, OK 73159	2012	\$351	\$67
4. Oklahoma Department of Transporation Cultural On Call – Statewide, Oklahoma	C	Cultural resources inventories, National Register evaluations, mitigation projects, historic context statements, cultural resource management plans	ODOT Cultural Resources Program Scott Sundermeyer 111 E. Chesapeake Avenue, Rm. 102 Norman, OK 7301	2013-2015	N/A	\$250
5. Worker Environmental Awareness Programs (WEAP) and Project Management, EAGLE P3 – Denver, Colorado	I	Wetland and stream mitigation and restoration, stormwater management and compliance, Hazmat dewatering	Denver Transit Partners 10035 E 40th Ave. Suite 400 Denver Colorado 80238	2016	\$2.2 billion	\$6 million
6. Environmental Assessment, Preliminary and Final Design, STH 54, Duck Creek Bridge – Brown County, Wisconsin	C	Environmental Assessment preparation, roadway and bridge design. Storm sewer design, EPA permit, Section 106 coordination, wetland delineation	WisDOT Dan Segerstom, PE 944 Vanderperren Way Green Bay, WI 54304-0080	2013	\$7.6 million	\$780
7. TxDOT Environmental On-Call Aviation Department	C	NEPA documentation, biological evaluations, delineations of water at US, 404 permitting, Phase I, noise air studies, cultural studies	TxDOT Robert Jackson, TxDOT Aviation Division 125 E. 11th Street Alston, TX 78701	Ongoing	\$500	\$200
8. SCDOT Environmental On-Call Permitting/NEPA – Statewide, South Carolina	C	Environmental services: Project Management, Clean Water Act Section 404/401 and state navigational permitting, agency coordination, mitigation planning	SCDOT Randy Williamson 955 Park Street Columbia, SC 29201	Ongoing	N/A	\$240
9. US Highway 12/18 West Beltline - Dane County, Wisconsin	C	Environmental document, noise analysis, public involvement, structure design, design reports, traffic modeling, agency/utility coordination	WisDOT Mike Rampetsreiter 2101 Wright Street Madison, WI 53704-2583	2013	\$13.2 million	\$818
10. Environmental Assessment, Preliminary and Final Design for Pole Branch Road/SC Highway 274 Widening - York County, SC	C	Environmental, Roadway and Bridge Design (wetland delineation, Phase I ESA, asbestos and lead based paint field work) - NEPA document	York County, Jim Gaddy, PE PO Box 148 6 South Congress Street York, SC 29745\$25 million	2016	\$25 million	\$3.3 million

8. Use this space to provide any additional information or description of resources (including any computer design capabilities) supporting your firm's qualifications for the proposed project.

Mead & Hunt has assembled a highly qualified and experienced team tailored specifically to meet the requirements for the Preliminary Engineering, Preparation of Construction Plans (Pre-qualification for County engineering Services) Contract No. 1813. As demonstrated by our existing working relationships with ODOT, we are invested in your success.

Solid comprehensive planning in the early stages of your projects, complimented by thorough field studies, allows for successful project completion by identifying constraints and needs early in order to avoid surprises that may lead to delays. Mead & Hunt environmental professionals routinely provide assessments for sensitive species habitat, delineation of Waters of the U.S., cultural resources studies, noise assessments, socioeconomic studies, public involvement and GIS services to support the preparation of ODOT's specific environmental compliance documents and related state or federal permits. We offer a wide-range of technical services and have expertise in National Environmental Policy Act (NEPA) compliance and biological studies.

The Mead & Hunt team has more than 30 years' of cumulative experience completing ODOT NEPA related projects, ESA Section 7 studies along with cultural and archeological services in Oklahoma, as well as many other states. We have a firm understanding of and experience with ODOT's specialized and evolving biological and waters reporting formats and CE documents. Our planners, scientists and technical specialists have a thorough understanding of NEPA, U.S. Army Corps of Engineers (USACE) regulations, the Endangered Species Act (ESA), Resource Conservation and Recovery Act (RCRA) requirements and the most current regulatory guidance issued by other federal and state agencies. Sites with potential hazardous materials will be evaluated initially using the ODOT Land Use Survey form. Any related compliance or mitigation plan would be reviewed with ODOT prior to proceeding with any agency.

Working closely with our clients enables us to create an environmental strategy tailored for each project to successfully complete site assessments, reporting, NEPA compliance and potential permitting in a manner that addresses ODOT, Federal Highway Administration (FHWA), U.S. Fish & Wildlife Service (USFWS), USACE and other agency regulatory needs. For large multi-faceted projects, we also bring the experience of completing environmental impact statements (EISs), while also having conducted countless routine environmental reviews at the CatEx or EA level.

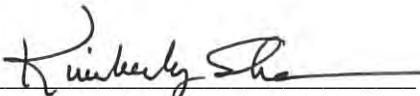
We pride ourselves on using innovative technologies to work smarter on every project. We use GIS and GPS technologies to facilitate all field efforts and mapping requirements. We also have unmanned aerial vehicle (UAV) or drone capabilities to assist with field studies. Our GIS and GPS data are compatible with the ODOT standards for data collection.

The Mead & Hunt team has the expertise to assist ODOT to initiate, analyze, review and reach approval for the full-range of transportation improvement projects for state highways, bridges and other transportation-related facilities.

9. 61 O.S., § 64. Offenses

Any consultant or person doing architectural, surveying or engineering work for the State of Oklahoma, their agents, servants or employees, who shall receive gratuity from any contractor or builder of any public building or works, or solicit, receive or make any political contribution from or to a contractor or a builder of any public building or works, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more that Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year. Any contractor or builder of any public building or works, their agents, servants or employees, who shall offer any gratuity or political contribution to any consultant doing architectural, surveying or engineering work for the State of Oklahoma, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year.

10. The foregoing is a statement of facts. My signature below indicates I have read the above excerpt from Title 61 of the Oklahoma Statutes.

Signature:  Typed Name and Title: Kim Shannon, Environmental Scientist

Date:

07/25/16

Return this form along with your letter expressing interest to the agency from whom you received the notice of this project.



STATE OF OKLAHOMA

Consultant Services For A Specific Project

1. Project Name/Location for which firm is filing: EC 1813

2a. Date of Announcement: July 15, 2016

2b. Agency originating announcement: Oklahoma Department of Transportation Project Management Division 200 N.E. 21st Street Oklahoma City, OK 73105

3. Firm (or Joint-Venture) Legal Name and Address:

Terracon Consultants, Inc. 9522 East 47th Place, Unit D Tulsa, OK 74145

4701 N. Stiles Ave. Oklahoma City, OK 73105

3c. Name, Title, & Telephone Number of Principal Contact:

Michael H. Homan, P.E. Regional Manager/Principal, Tulsa, OK 918-877-5915

Jeremy Basler, P.E. Department Manager/Principal, Oklahoma City, OK 405-525-0453

3a. Certificate of Authority Number: CA 4531

3d. Address of office to perform work if different from Item 3:

3b. FEI/Tax ID Number: [REDACTED]

4. Personnel by Discipline: (List each person only once, by primary function.)

- 16 Administrative, Economists, Mechanical Engineers, Environmental Scientists/Biologists, Architects, Electrical Engineers, Mining Engineers, Project Managers, 1 CAD/CADD Technicians, Estimators, Planners: Urban/Regional, Industrial Hygienist, Chemical Engineers, 3 Geologists, Sanitary Engineers, Drilling Managers, 2 Civil Engineers, Hydrologists, Soil Engineers, Drillers, Construction Inspectors, Interior Designers, Specification Writers, Field & Laboratory Technicians, Draftsmen, Landscape Architects, Structural Engineers, Ecologists, Land Surveyors, Surveyors, 130 Total Personnel

5. If submittal is by a JOINT-VENTURE, list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: All firms and the joint venture MUST be registered with Construction and Properties, Division of Capital Assets Management, 2401 N. Lincoln Blvd., Suite 212, P. O. Box 53448, Oklahoma City, OK 73152-3448.

5a. Has this Joint-Venture previously worked together? [] Yes [] No If YES, how many times? _____

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT .	
a. Name and Title: Michael H. Homan, P.E. Senior Principal Engineer/Regional Manager	a. Name and Title: Phil D. Wood, P.E. Senior Principal Engineer/Regional Manager
b. Project Assignment: Client Manager/Principal in Charge	b. Project Assignment: Oklahoma City Office Point of Contact for Quality Control
c. Name of firm with which associated: Terracon Consultants, Inc.	c. Name of firm with which associated: Terracon Consultants, Inc.
d. Years experience: With this firm 15 With other firms 15	d. Years experience: With this firm 21 With other firms 12
e. Education: Degree(s)/Year/Specialization M.S./1985/Civil Engineering/Oklahoma State University B.S./1983/Civil Engineering/University of Arkansas	e. Education: Degree(s)/Year/Specialization M.S./1981/Civil Engineering/Oklahoma State University B.S./1979/Civil Engineering/Oklahoma State University
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Oklahoma/1989/Civil Engineering/15777 Arkansas/1989/Civil Engineering/7052 Oklahoma Certificate of Authority (if any): 4531	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number Oklahoma/1986/Civil Engineering/14434 Kansas/1992/Civil Engineering/12734 Oklahoma/1997/Certified UST Consultant/0455 Oklahoma Certificate of Authority (if any): 4531
g. Other experience and qualifications relevant to the proposed project: Mr. Homan is responsible for administration and technical operations in the Tulsa office of Terracon Consultants, Inc. He oversees all geotechnical, construction services, and environmental operations, prepares and reviews reports, and is responsible for general administration of the office. Major projects that he has been involved in include pavement design for the H.E. Bailey and Creek Nation Turnpike expansions. He has also lead geotechnical studies for bridge foundation design for well over 100 bridges using LRFD design and Texas Cone Penetrometer design. Mr. Homan has lead pedological surveys collecting data to be used by ODOT in pavement design analysis. He has conducted geotechnical studies for cast in place and MSE retaining walls, as well as soil nail walls for several ODOT projects. He lead efforts for a geophysical survey of US 412 in Major and Woodward counties that utilized electrical resistivity and multichannel analysis of surface wave seismic geophysical surveys to investigate the impact of the karst formation within the highway right-of-way. Mr. Homan has been project manager and Principal in Charge over the past 20 years for various ODOT demand services contracts including: geotechnical services, prestressed concrete bridge beam inspection services, structural steel bridge member inspection services, NEPA environmental services and Phase I Environmental services. Prior to joining Terracon in 2000, Mr. Homan was Principal Engineer and Office Manager for another consulting firm located in Tulsa. He has authored and co-authored several technical papers relating to geotechnical engineering issues such as pavement evaluation, soft-ground tunneling, geophysical surveys and foundation analysis.	g. Other experience and qualifications relevant to the proposed project: Mr. Wood is the Office Manager in the Oklahoma City office of Terracon Consultants, Inc. He provides technical review and management for various types of major projects, in addition to overall administration and direction for the office. He has more than 21 years of experience with projects involving geotechnical engineering services. Mr. Wood provides various consulting services for clients, including local, state and federal agencies. He also provides services for private sector clients including aerospace, agricultural, chemical, oil and gas, waste management, plating, food products, metals refining, nuclear fuels processing, nuclear weapons assembly, real estate and tire manufacturing.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT .	
a. Name and Title: Vaughn Rupnow, P.E. Project Engineer	a. Name and Title: Jeremy W. Basler, P.E. Principal
b. Project Assignment: Project Engineer	b. Project Assignment: Geotechnical Department Manager - OKC
c. Name of firm with which associated: Terracon Consultants, Inc.	c. Name of firm with which associated: Terracon Consultants, Inc.
d. Years experience: With this firm 6 With other firms 8	d. Years experience: With this firm 15 With other firms 3
e. Education: Degree(s)/Year/Specialization B.S./2003/Civil Engineering/Iowa State University	e. Education: Degree(s)/Year/Specialization M.S./1996/Civil Engineering/Oklahoma State University B.S./1995/Civil Engineering/Oklahoma State University
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Oklahoma/2012/Civil Engineering/25692 Iowa/Civil Engineering/19259 Oklahoma Certificate of Authority (if any): 4531	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number Oklahoma/2001/Civil Engineering/20233 Oklahoma Certificate of Authority (if any): 4531
g. Other experience and qualifications relevant to the proposed project: Mr. Rupnow is a Geotechnical Engineer in Terracon's Tulsa, Oklahoma office and is responsible for creating geotechnical reports and overseeing laboratory testing on geotechnical projects. Mr. Rupnow also worked in Terracon's Bettendorf, Iowa in office in 2010 and 2011 prior to joining the Tulsa office at the beginning of 2012. ODOT projects that Mr. Rupnow has been involved include: <ul style="list-style-type: none"> • State Highway 9 over Union Pacific Railroad • U.S. 59 from U.S. 64 • State Highway 266 over Wayne Creek Prior to joining Terracon, Mr. Rupnow worked as a Geotechnical engineer for Allender Butzke Engineers in Des Moines, Iowa where he was responsible for preparing geotechnical reports and overseeing laboratory testing on geotechnical projects. As a part of his responsibilities, Mr. Rupnow also coordinated and scheduled two teams of drillers.	g. Other experience and qualifications relevant to the proposed project: Mr. Basler is the Geotechnical Department Manager for the Oklahoma City office of Terracon Consultants, Inc. His duties include project coordination, engineering analyses, proposal and report preparation and supervision of field exploration and laboratory testing. Mr. Basler also has specialty experience in transportation projects for the Oklahoma Turnpike Authority and Oklahoma Department of Transportation. Major projects that Mr. Basler has been involved include: <ul style="list-style-type: none"> • I-235 & NW 50th Interchange • Skydance Bridge • I-40/Morgan Road Interchange • SH 102 over North Canadian River • I-40 Crosstown MSE Walls Prior to joining the Terracon team, Mr. Basler was a geotechnical project manager for Law Engineering and Environmental Services, Inc. Mr. Basler worked on both OTA and ODOT projects while at Law Engineering.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT .			
a. Name and Title: Jeff Dean, P.E. Senior Project Engineer		a. Name and Title: Norman K. Tan, Ph.D., P.E. Project Engineer	
b. Project Assignment: Project Engineer		b. Project Assignment: Project Engineer	
c. Name of firm with which associated: Terracon Consultants, Inc.		c. Name of firm with which associated: Terracon Consultants, Inc.	
d. Years experience:	With this firm	1	With other firms
			26
e. Education: Degree(s)/Year/Specialization		e. Education: Degree(s)/Year/Specialization	
M.S./1992/Civil Engineering/Oklahoma State University B.S./1989/Civil Engineering/Texas A&M University B.S./1984/Engineering Technology/Texas A&M University		Ph.D./2005/Civil Engineering/University of Oklahoma M.S./2000/Civil Engineering/University of Oklahoma B.S./1998/Environmental Management, Health and Safety Management Minor	
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number PE/Oklahoma/16998 Oklahoma Certificate of Authority (if any): 4531		f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number PE/Oklahoma/2007/23083 Oklahoma Certificate of Authority (if any): 4531	
g. Other experience and qualifications relevant to the proposed project:		g. Other experience and qualifications relevant to the proposed project:	
<p>Mr. Dean is a Professional Engineer with 26 years of geotechnical engineering experience and pavement design and analysis. His experience includes in-situ testing-dilatometer, Pressuremeter, vane shear, DCP testing, AASHTO 1993 and AASHTO M-E pavement design software and procedures, Falling Weigh Deflectometer testing and analysis and field instrumentation- inclinometers, settlement plates and settlement tubes, as well as field permeability.</p> <p>Prior to joining Terracon's Geotechnical staff, Mr. Dean worked for the Oklahoma Department of Transportation. His recent project experience includes:</p> <ul style="list-style-type: none"> • Interstate 40 Crosstown realignment projects through downtown – Oklahoma City, Oklahoma • Interstate 35 - Carter County, Oklahoma • US 412 - Major County, Oklahoma • Interstate 40 - McIntosh County, Oklahoma • Turner Turnpike Landslide near Kellyville - Creek County, Oklahoma • US 169 near Collinsville - Tulsa County, Oklahoma 		<p>Dr. Tan is a geotechnical project manager for Terracon Consultants, Inc. His duties include project coordination, engineering analyses, proposal and report preparation, and supervision of field exploration and laboratory testing. He has been involved in geotechnical investigations for commercial and residential buildings, storage tanks, water towers, communication towers, transportation and related projects.</p> <p>While at the University of Oklahoma, his research involved pressuremeter and cone penetrometer testing in unsaturated soils and was funded by the National Science Foundation. He performed pressuremeter, cone penetrometer, triaxial and soil-water characteristic tests; measured matric suction of unsaturated soils using miniature tensionmeter. As a graduate teaching assistant in Introduction to Soil Mechanics and Laboratory and In-Situ Testing courses, Mr. Tan gained experience in performing a number of laboratory and in-situ tests including, sieve analysis, hydrometer analysis, Atterberg limits, specific gravity, standard and modified proctor, consolidation test, swell test, direct shear test, borehole shear test and pile pull out test.</p> <p>Recent ODOT projects that Dr. Tan has been the geotechnical project manager for include:</p> <ul style="list-style-type: none"> • I-235 & NW 50th Interchange • Skydance Bridge • I-40/Morgan Road Interchange • SH 102 over North Canadian River • I-40 Crosstown MSE Walls 	

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT .	
a. Name and Title: Fernando L. Aponte-Rivera, E.I.T.	a. Name and Title: Steve Levorson, PhD., P.E. Pavement Engineer
b. Project Assignment: Project Manager	b. Project Assignment: Pavement Specialist
c. Name of firm with which associated: Terracon Consultants, Inc.	c. Name of firm with which associated: Terracon Consultants, Inc.
d. Years experience: With this firm 2 With other firms 0	d. Years experience: With this firm 15 With other firms 3
e. Education: Degree(s)/Year/Specialization M.S./2013/Civil Engineering/Texas A&M University B.S./2011/Civil Engineering/ University of Puerto Rico at Mayaguez	e. Education: Degree(s)/Year/Specialization PhD./1993/Geotechnical Engineering/Iowa State University M.S./1991/Geotechnical Engineering/Iowa State University B.S./1990/Civil Engineering/Iowa State University
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Oklahoma Certificate of Authority (if any): 4531	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number Professional Engineer: Kansas and Missouri Oklahoma Certificate of Authority (if any): 4531
g. Other experience and qualifications relevant to the proposed project: Mr. Aponte-Rivera is a Geotechnical Project Manager in Terracon's Tulsa, Oklahoma office. Under the supervision of a Professional Engineer (P.E.), he assigns, coordinates, and evaluates field explorations and laboratory testing results; as well as prepares budgets, proposals and geotechnical reports. He also serves as a field engineer overseeing drilling, sampling, and <i>in-situ</i> testing methods. As Project Manager, Mr. Aponte-Rivera has worked on multiple transportation projects in Oklahoma. Projects include the following: <ul style="list-style-type: none"> • State Highway 11 Over Hominy Creek, Tulsa County, OK • State Highway 99 Over Washita River, Johnston County, OK • Jenks Toll Plaza, Tulsa County, OK 	g. Other experience and qualifications relevant to the proposed project: Dr. Levorson is a Pavement Specialist with Terracon Consultants, Inc. His experience includes technical and business practice accountability for pavement engineering, evaluation, design and management services for highway, airfield and port pavements. He provides project management, planning oversight and execution of field data collection operations, engineering analyses and report development for pavement evaluation studies and pavement management system implementations and updates. Dr. Levorson conducts specialized analyses of cone penetration test results, soft ground improvement; deep foundations; braced excavations; sheetpile waterfront structures; earth dams; landslide stabilization and stabilization of swelling soils. Dr. Levorson has consulted on materials engineering projects involving physical and chemical deterioration of Portland cement concrete and asphaltic cement concrete pavements throughout the United States. This work has included numerous technical presentations to engineering groups and public works officials, as well as forensic testimony in dispute resolution cases. He has conducted engineering research in the use of high sulfate ashes from coal fired power plants for soil stabilization. This work has resulted in several publications and numerous presentations to engineering groups. Dr. Levorson has also served as a pavement engineering consultant, specializing in nondestructive testing and evaluation of existing pavements for rehabilitation design. These projects involved analysis of falling weight deflectometer and ground penetrating radar data throughout the United States.

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT .	
a. Name and Title: Bradley M. Watts, P.E. Principal/Geotechnical Engineer	a. Name and Title: Randy Kress Hydro Geologist
b. Project Assignment: Geotechnical Engineer	b. Project Assignment: Drilling Manager
c. Name of firm with which associated: Terracon Consultants, Inc.	c. Name of firm with which associated: Terracon Consultants, Inc.
d. Years experience: With this firm 25 With other firms 4	d. Years experience: With this firm 13 With other firms 24
e. Education: Degree(s)/Year/Specialization M.S./1986/Civil Engineering/Oklahoma State University B.S./1978/Civil Engineering/University of Oklahoma	e. Education: Degree(s)/Year/Specialization B.S./1978/Earth Sciences/Iowa State University Federal Hydrogeology Training/1988/Oklahoma State University
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Professional Engineer: Oklahoma Oklahoma Certificate of Authority (if any): 4531	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number Oklahoma Certificate of Authority (if any): 4531
g. Other experience and qualifications relevant to the proposed project: Mr. Watts is responsible for preparing engineering reports and directing construction engineering and testing services. He has provided geotechnical design recommendation for earthwork, retaining walls, pavements, spread footings, pier and pike foundations. Mr. Watts has served on the Terracon's Geotechnical Services Committee. This committee serves to assure that Terracon is on the leading edge of new innovations in geotechnical engineering and helps set protocol and procedures for use throughout Terracon. Major projects that Mr. Watts has been involved with include foundation design for the Verdigris River Bridge, SH-18 Bridge over Quapaw Creek, Arkansas River Bridge, and bridge foundation and pavement design for various County bridges and roads. Mr. Watts previous experience while working for a consulting firm in northern California includes geotechnical engineering and supervision of field personnel on various residential and commercial developments, roadway reconstruction projects, and sewer and waterline rehabilitation projects.	g. Other experience and qualifications relevant to the proposed project: Mr. Kress is the drilling manager for Terracon Consultants, Inc. He coordinates the efficient and timely completion of drilling operations with subsurface soil sampling necessary for the preparation of client reports. Mr. Kress supervises three field drilling crews and a variety of subsurface assessment methods including the Menard pressuremeter. Mr. Kress has overseen hundreds of projects and has been involved in subsurface drilling investigations for the past 29 years. Mr. Kress has performed pressuremeter tests on hundreds of different projects throughout the United States Certifications Mr. Kress has are as follows: <ul style="list-style-type: none"> • Sara Operations (Hazwoper) • Nuclear Measurement Services • Concrete Technician I • Traffic Control Technician • Oklahoma Water Resources Board Drillers License

7 Work by firm or members which best illustrates current qualifications relevant to **THIS PROJECT** (list not more than 10 projects).

a. Project Name and Location	"P", "C", "JV" or "I"	b. Nature Of Firms Responsibility	c. Project Owner's Name and Address	d. Completion Date	e. Est. Cost (000's)	
					Entire Project	Firm's Portion
1. 12-Span Bridge- US 62 EB Over Salt Fork River Jackson County, OK	C	Geotechnical Engineering Services- Analysis and Design	Oklahoma Department of Transportation 200 N.E. 21st Street Oklahoma City, OK 73105	Ongoing	N/A	\$185
2. US Highway 385 Over Beaver River Cimarron County, OK	C	Geotechnical Engineering Services- Shoulder Soil Survey, Embankment Survey, Pedological Survey and Analysis and Design	Oklahoma Department of Transportation 200 N.E. 21st Street Oklahoma City, OK 73105	Ongoing	N/A	\$115
3. SH 51 Logan County, OK	C	Geotechnical Engineering Services- Embankment, Geological and Pedological Surveys	Oklahoma Department of Transportation 200 N.E. 21st Street Oklahoma City, OK 73105	Ongoing	N/A	\$108
4. US-60 Beginning at Jct. US-60/SH-35 Osage County, OK	C	Geotechnical-Exploration Studies and Surveys	Oklahoma Department of Transportation 200 N.E. 21st Street Oklahoma City, OK 73105	2014	N/A	\$104
5. SH 20 Keetonville Hill Keetonville, OK	C	Geotechnical Engineering Services-Slope Stability Analysis	Oklahoma Department of Transportation 200 N.E. 21st Street Oklahoma City, OK 73105	2014	N/A	\$430
6. US Highway 277 Grady County	C	Geotechnical Engineering Services- In-Place Shoulder, Pedological and Embankment Surveys	Oklahoma Department of Transportation 200 N.E. 21st Street Oklahoma City, OK 73105	Ongoing	N/A	\$87
7. US-69 Widening Muskogee, OK	C	Geotechnical Exploration Studies and Surveys	Oklahoma Department of Transportation 200 N.E. 21st Street Oklahoma City, OK 73105	2015	N.A	\$66
8. US-60 Beginning at Jct. US-60/SH-35 Osage County, OK	C	Geotechnical-Exploration Studies and Surveys	Oklahoma Department of Transportation 200 N.E. 21st Street Oklahoma City, OK 73105	2014	N/A	\$104
9. On-Demand Geotechnical Engineering- Roadway- Statewide	C	Geotechnical Engineering and Testing	Oklahoma Department of Transportation 200 N.E. 21st Street Oklahoma City, OK 73105	2013	N/A	\$250
10. On-Demand Geotechnical Engineering- Bridge- Statewide	C	Geotechnical Engineering and Testing	Oklahoma Department of Transportation 200 N.E. 21st Street Oklahoma City, OK 73105	2013	N/A	\$250

8. Use this space to provide any additional information or description of resources (including any computer design capabilities) supporting your firm's qualifications for the proposed project.

Terracon Consultants, Inc. is an employee-owned national consulting firm offering services in geotechnical engineering, construction materials testing and engineering, environmental, pavement and facilities engineering. Terracon has over 150 offices throughout the United States and has over 3,500 employees. Licensed professional engineers and certified technicians provide Terracon's geotechnical engineering and materials engineering and testing services. Ranked #35 in ENR's "Top 500 Design Firms", Terracon's diverse capabilities includes observation, testing, and consulting services in the areas of soil, bedrock, concrete, masonry, aggregates, asphalt, structural steel, and roofing systems. Our technical staff includes engineers (geotechnical, geological, civil and materials) and geologists, most of who are registered professional engineers, engineers-in-training, or certified professional geologists.

Terracon has provided geotechnical engineering, construction materials testing and environmental services in Oklahoma since 1981 from offices in Tulsa and Oklahoma City. The two Oklahoma offices have more than 130 employees and a fleet of six drill rigs (two truck-mounted, three ATV-mounted and one Geoprobe). Terracon also maintains its own drilling barge. Both our Tulsa and Oklahoma City laboratories are certified by AASHTO.

SPECIALIZED SERVICES

Terracon has been involved in geotechnical projects that range from pavement coring to extract samples of the existing pavement to gathering a rock formation's strike and dip inclination using a downhole camera and stereonet analysis. We have been involved in deep (70 feet, plus) rock cuts on US 60 in Osage county and the Gilcrease Expressway extension in southeast Osage county. We have conducted geotechnical explorations for well over 100 bridges and bridge approach embankments in practically every county in Oklahoma. Similarly, we have conducted geotechnical explorations for cut section and embankment construction in diverse geologic settings. Terracon conducted a geophysical survey of karst formations along US 412 in Major and Woodward Counties using electrical resistivity and multichannel analysis of surface wave seismic survey equipment. We have followed up these studies with more detailed geotechnical borings to assess the impact of voids on the proposed roadway section. We have collected falling weight deflectometer, ground penetrating and pavement core data along 3,800 miles of Oklahoma's non-toll NHS pavements. Field observation and testing, and laboratory procedures encompass the following services:

Laboratory Testing

- | | | | |
|-----------------------------|-------------------------------|--------------------------|------------------------|
| • Soil classification tests | • Resilient Modulus testing | • Unconfined compression | • Direct shear testing |
| • Triaxial shear testing | • Rock unconfined compression | • Consolidation testing | • Chloride ion content |
| • Permeability testing | • pH | • Resistivity | |

Field Testing

- | | | | |
|-----------------------------|----------------------------------|----------------------------|---|
| • Dynamic cone penetrometer | • Downhole pressuremeter testing | • Pavement coring | • Downhole electronic cone penetrometer |
| • Downhole camera | • Falling weight deflectometer | • Ground penetrating radar | |

9. 61 O.S., § 64. Offenses

Any consultant or person doing architectural, surveying or engineering work for the State of Oklahoma, their agents, servants or employees, who shall receive gratuity from any contractor or builder of any public building or works, or solicit, receive or make any political contribution from or to a contractor or a builder of any public building or works, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year. Any contractor or builder of any public building or works, their agents, servants or employees, who shall offer any gratuity or political contribution to any consultant doing architectural, surveying or engineering work for the State of Oklahoma, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year.

14. The undersigned hereby certifies that the facts stated herein are true and correct.


(Consultant Signature)

Michael H. Homan, P.E., Vice President / Regional Manager
(Printed Name and Title)

07/18/16
(Date)

Return this form along with your letter expressing interest to the agency from whom you received the notice of this project.



STATE OF OKLAHOMA

Consultant Services
For A Specific Project

1. Project Name/Location for which firm is filing:

EC No. 1813
Statewide

2a. Date of Announcement:

July 2016

2b. Agency originating announcement:

ODOT

3. Firm (or Joint-Venture) Legal Name and Address:

Professional Service Industries, Inc.
1901 S. Meyers Road, Suite 400
Oakbrook Terrace, IL 60181

3c. Name, Title, & Telephone Number of Principal Contact:

A. Adam Wadsworth, P.E. - Department Manager
Phone: (405) 632-8800
Fax: (405) 631-2180
jim.smith@psiusa.com

3a. Certificate of Authority Number: 1111

3d. Address of office to perform work if different from Item 3:

PSI
801 SE 59th Street
Oklahoma City, OK 73129

3b. FEI/Tax ID Number: [REDACTED]

4. Personnel by Discipline: (List each person only once, by primary function.)

401 Administrative	0 Economists	6 Mechanical Engineers	<u>52</u> Industrial Hygienists/IAQ/Mold
5 Architects	1 Electrical Engineers	2 Mining Engineers	<u>38</u> Roofing Consultants
0 CAD/CADD Technicians	3 Estimators	0 Planners: Urban/Regional	<u>13</u> QA Engineering Specialists
3 Chemical Engineers	112 Geologists	0 Sanitary Engineers	<u>61</u> Chemists/Biologists/Microscopists
191 Civil Engineers	3 Hydrologists	111 Soil Engineers	<u>72</u> Drillers & Helpers
205 Construction Inspectors	0 Interior Designers	0 Specification Writers	<u>65</u> Environmental Engineers
17 Draftsmen	0 Landscape Architects	6 Structural Engineers	<u>831</u> Technicians
2 Ecologists	0 Land Surveyors	0 Surveyors	<u>2200</u> Total Personnel

5. If submittal is by a JOINT-VENTURE, list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: All firms and the joint venture MUST be registered with Construction and Properties, Department of Central Services, 2401 N. Lincoln Blvd., Suite 106, P. O. Box 53448, Oklahoma City, OK 73152-3448.

Not a joint venture

5a. Has this Joint-Venture previously worked together? Yes No If YES, how many times? _____

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Ade Oyesanya, PE – Senior Geotechnical Engineer	a. Name and Title: James M. Smith, P.E. – Vice President
b. Project Assignment: Soils Engineer	b. Project Assignment: Soils Engineer
c. Name of firm with which associated: Professional Service Industries, Inc.	c. Name of firm with which associated: Professional Service Industries, Inc.
d. Years experience: With this firm 15 With other firms 10	d. Years experience: With this firm 31 With other firms 1
e. Education: Degree(s)/Year/Specialization Dip CE / 1981 / St. Clair College, Canada BSCE / 1985 / University of Oklahoma MSCE / 1992 / University of Oklahoma	e. Education: Degree(s)/Year/Specialization BSCE / 1984 / University of Missouri MSCE Classes / University of Oklahoma
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Oklahoma PE # 18096 Oklahoma Certificate of Authority (if any) CA No. 1111	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number Oklahoma / 1995 / Professional Engineer / #17612 Oklahoma Certificate of Authority (if any) CA No. 1111
g. Other experience and qualifications relevant to the proposed project: Mr. Oyesanya has over twenty (20) years experience in the geotechnical field. He has performed pavement design subgrade investigations, slope stability and slide investigations, forensic investigations and analysis and design of bridge foundations and abutments. He has spent nine (9) years working in the bridge division of the Oklahoma Department of Transportation.	g. Other experience and qualifications relevant to the proposed project: With over 30 years' experience, Mr. Smith has extensive experience with Geotechnical Engineering and Construction Materials testing. His responsibilities include supervision of borings, logging, and field sampling, supervision of geotechnical engineering, and construction materials services in the State of Oklahoma.
<p>Project Experience</p> <ul style="list-style-type: none"> • BRFY-160C(096); Payne County, Oklahoma • IMY-0040-1(071)017; Beckham County, Oklahoma • IMY-0040-2(130)061; Custer County, Oklahoma • STPY-155F(395)EC; Comanche County, Oklahoma • Sail Boat Bridge; Grove, Oklahoma • Flyover U.S. Hwy 412; Tulsa, Oklahoma • Hwy 412 Reconstruction; Tulsa, Oklahoma • Various County Bridges; Beckham County, State of Oklahoma • Interstate 35 Bridges & Retaining Walls; Oklahoma County, State of Oklahoma • I-40 Bridge Reconstruction; Webbers Falls, Oklahoma • Roller Coaster Bridge; Logan County, State of Oklahoma • Red River Bridge; Jackson County, State of Oklahoma • I-44 Retaining Walls and Bridges, Tulsa County, State of Oklahoma • State Highway 43 Slide Investigation and Mediation; Stingtown, Oklahoma • County Bridge; Delaware County, State of Oklahoma • Various County Bridges; Caddo County, State of Oklahoma • Various County Bridges; Canadian County, State of Oklahoma • Various County Bridges; Carter County, State of Oklahoma Hwy. 6 Reconstruction and Rehabilitation, State of Oklahoma • Asp Avenue Parking Garage – University of Oklahoma; Norman, OK • Huston Huffman Addition – University of Oklahoma; Norman, OK • Sooner's Indoor Practice Facility – University of Oklahoma; Norman, OK • Stadium Expansion – University of Oklahoma; Norman, OK • Hertz Corporate Office Building; Oklahoma City, Oklahoma • I-40 Crosstown Relocation Project • Pedological & Shoulder Soil Survey – Various Highways – State of Oklahoma • Eagle Energy Facility Power Plant; Keifton, Oklahoma 	<p>Project Experience</p> <ul style="list-style-type: none"> • Creek East Turnpike; Tulsa, Oklahoma • Kilpatrick Turnpike Expansion; Oklahoma City, Oklahoma • Highway 71; Fayetteville, Arkansas • Beckham County Bridge on Hwy 6; Elk City, Oklahoma • H.E. Bailey Turnpike Expansion; Oklahoma City, Oklahoma • Will Rogers Turnpike Bridge Rehabilitation; Vinita, Oklahoma • Will Rogers Turnpike Bridge Rehabilitation; Miami, Oklahoma • Creek Turnpike Extension; Tulsa, Oklahoma • I-40 Bridge Reconstruction; Webbers Falls, Oklahoma • Asp Avenue Parking Garage – University of Oklahoma; Norman, OK • Huston Huffman Addition – University of Oklahoma; Norman, OK • Sooner's Indoor Practice Facility – University of Oklahoma; Norman, OK • Stadium Expansion – University of Oklahoma; Norman, OK • Law Library Addition – University of Oklahoma; Norman, OK • Hertz Corporate Offices; Oklahoma City, Oklahoma • Civic Center Music Hall Renovation; Oklahoma City, Oklahoma • Myriad Convention Center Addition; Oklahoma City, Oklahoma • North and South Bricktown Canals; Oklahoma City, Oklahoma • AT&T 38-Story Office Tower; Kansas City, Missouri • Student Union Addition; University of MO, Kansas City • Integris Hospital; Yukon, Oklahoma • General Motors Paint Shop; Oklahoma City, Oklahoma • Federal Building; Kansas City, Kansas • Sioux City Convention Center; Sioux City, Iowa • Gateway Computer Facility; North Sioux City, South Dakota • City of Sioux City, Iowa Annual Paving Program • BRFY-160C(096); Payne County, Oklahoma • IMY-0040-1(071)017; Beckham County, Oklahoma

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Kevin C. Miller, P.E. – Chief Engineer	a. Name and Title: Adam Wadsworth, P.E. – Department Manager
b. Project Assignment: Chief Geotechnical Engineer	b. Project Assignment: Project Engineer
c. Name of firm with which associated: Professional Service Industries, Inc.	c. Name of firm with which associated: Professional Service Industries, Inc.
d. Years experience: With this firm 11 With other firms 20	d. Years experience: With this firm 5 With other firms 0
e. Education: Degree(s)/Year/Specialization BS / 1977 / University of Missouri – Rolla MS / 1982 / Purdue University	e. Education: Degree(s)/Year/Specialization BS / 2009 / Brigham Young University MS / 1982 / Brigham Young University
f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number Oklahoma PE # 20778 / MO PE No. 20701 / AR PE # 10082 / KS PE # 15889 Oklahoma Certificate of Authority (if any) CA No. 1111	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number Oklahoma / 2014 / Professional Engineer / #27238 Oklahoma Certificate of Authority (if any) CA No. 1111
g. Other experience and qualifications relevant to the proposed project: Mr. Miller has over 30 years experience in the wide range of geotechnical projects for the private geotechnical engineering consulting industry, the power industry, the industrial and municipal landfills industry, and the coal mining industry throughout the east central United States. He has specific experience in geotechnical laboratory testing, field instrumentation of dams, landslides, foundations, embankments, foundation design with conventional and mechanically stabilized earth methods, seepage analysis and remediation, slope stability analysis and remediation, dam design, rehabilitation, permitting, construction, landfill design, mine tailing dam design, design and installation of large diameter metal culverts, spans, and linear plates and forensic geotechnical engineering. Mr. Miller has also published numerous professional articles. Project Experience <ul style="list-style-type: none"> • BRFY-160C(096); Payne County, Oklahoma • 3-R Roadway Project; Hughes County, Oklahoma • IMY-0040-1(071)017; Beckham County, Oklahoma • IMY-0040-2(130)061; Custer County, Oklahoma • BRO-164D(052)CO; Pushmataha County, Oklahoma • Single Span Bridge E. Cache Creek; Caddo County, Oklahoma • Bridge over Rock Creek; Marshall County, Oklahoma • BRF-164C(051)CO; Pushmataha County • BRO-106D(045)CO; Blaine County, Oklahoma • Lake Overholser Dam Investigation; Oklahoma City, Oklahoma • Interchange Upgrade I-70/I-75; Dayton, Ohio • Liquefaction Analysis of Upstream Dam Construction; Logan, West Virginia • Low Level Radioactive Liner System; Lima, Ohio • Concrete Gravity Dam; Buchana, Michigan • Remediation Design of Large Corrugated Metal Arch Structure; Cleveland, Ohio • Lee Summit Park Dam; Lee Summit, Missouri • Slope Stability Analysis; Benton, Arkansas • 20 Foot High Tied Back Retaining Wall Investigation; Parkersburg, West Virginia • Spillway Failure Slope Stability Investigation; Cincinnati, Ohio 	g. Other experience and qualifications relevant to the proposed project: Mr. Wadsworth has over 6 years experience in the wide range of geotechnical projects for the private geotechnical engineering consulting industry, the power industry, and the industrial and municipal industry. Project Experience <ul style="list-style-type: none"> • I-240/I-35 Interchange; Oklahoma County, Oklahoma • I-35 Bridge over Wildhorse Creek; Oklahoma • Blaine County Roadway; Blain County, Oklahoma • Seminole County Bridges; Seminole County, Oklahoma • Bridge 87 – Claremore Lake; Rogers County, Oklahoma • Britton Road Widening; Oklahoma County, Oklahoma • Okfuskee County Bridges; Okfuskee County, Oklahoma • US-59; Adair County, Oklahoma • SH-9; Seminole County, Oklahoma • SH-3 over Kiamichi River, Pushmataha County, Oklahoma • I-40/Air Depot Improvements; Oklahoma County, Oklahoma • US-270; Pottawatomie County, Oklahoma • SH-86 Bridge over Cow Creek; Noble County, Oklahoma • SH-32 over Mud Creek; Love County, Oklahoma • SH-51; Payne County, Oklahoma • Multi-Use Parking Garage; Oklahoma City, Oklahoma • OG&E Transmission Line; Woodward County, Oklahoma

7. Work by firm or members which best illustrates current qualifications relevant to THIS PROJECT (list not more than 10 projects).

a. Project Name and Location	"P", "C", "JV" or "I"	b. Nature Of Firms Responsibility	c. Project Owner's Name and Address	d. Completion Date	e. Est. Cost (000's)	
					Entire Project	Firm's Portion
1. I-35/I-240 Interchange Oklahoma City, Oklahoma	C	Geotechnical Engineering Services	Poe & Associates 525 Central Park Drive, Suite 250 Oklahoma City, OK 73105	On-going		600
2. SH-39 Embankment Study Grady County, Oklahoma	C	Geotechnical Engineering Services	ODOT 200 NE 21st Street Oklahoma City, OK 73105	2016		33
3. SH-152 Retaining Walls Binger, Oklahoma	C	Geotechnical Engineering Services	Poe & Associates 525 Central Park Drive, Suite 250 Oklahoma City, OK 73105	2016		26
4. SH-132 over Unnamed Creek Garfield County, Oklahoma	C	Geotechnical Engineering Services	White Hawk Engineering 2204 S. Eastern Avenue Moore, OK 73160	2016		22
5. SH-51 Bridge over Cimarron River, Creek County, Oklahoma	C	Geotechnical Engineering Services	ODOT 200 NE 21st Street Oklahoma City, OK 73105	2015		45
6. SH-33 Bridges "A", "B", & "C" over Barnitz Creek Custer County, Oklahoma	C	Geotechnical Engineering Services	ODOT 200 NE 21st Street Oklahoma City, OK 73105	2015		123
7. EW-2010 Bridge over Muddy Boggy Creek, Choctaw County	C	Geotechnical Engineering Services	Guy Engineering 1741 W. 33rd St. Edmond, OK 73013	2015		48
8. State Highway 51 Bridge "A" Payne County, Oklahoma	C	Geotechnical Engineering Services	ODOT 200 NE 21st Street Oklahoma City, OK 73105	2014		26
9. SH-99 Shoulder Soil Survey Johnston County, Oklahoma	C	Geotechnical Engineering Services	ODOT 200 NE 21st Street Oklahoma City, OK 73105	2014		38
10. Dolese Road Kiowa County, Oklahoma	C	Geotechnical Engineering Services	Circuit Engineering District No. 7 P.O. Box 337 Clinton, Oklahoma 73601	2014		5

8. Use this space to provide any additional information or description of resources (including any computer design capabilities) supporting your firm's qualifications for the proposed project.

Company Profile

Professional Service Industries, Inc. (PSI) is one of America's largest independent testing organizations and among the country's eleven largest consulting engineering firms. We have been providing business and industry with objective, accurate and useful information for more than 100 years.

PSI has earned a reputation for delivering quality services at a reasonable cost. We have successfully completed thousands of projects for a variety of industries and organizations, including private corporate clients, medical facilities, civilian and military agencies of the federal government, state and local governments, colleges and universities, and local education agencies.

PSI employs 2,200 skilled personnel in 83 offices across North America. The men and women who staff our offices have firsthand knowledge of their area's business, environmental and regulatory climate. PSI employees offer the responsiveness, skills and resources of a national company while still maintaining community presence. Our unique combination of local, independent offices and national capabilities means our project managers not only have full responsibility for getting the job done, they have the authority and the resources to assure the work is completed quickly, correctly, and economically.

As a nationally recognized leader in testing, inspection, and consulting engineering, PSI offers third party independent testing, inspection and consulting services to owners, developers, architects, engineers, contractors, and governmental agencies. Complete services are available in the following areas:

- Environmental management/engineering testing
- Geotechnical engineering
- Construction Testing and Quality Control
- Material testing and certification
- Nondestructive Examination and Testing (shop/field)
- Roof and Pavement Consulting

PSI's Oklahoma City office is AASHTO accredited, Corps of Engineers approved and ODOT approved for Soils, Aggregates, Concrete, and Hot Mix Asphalt. PSI's Oklahoma City office also has an on-call geotechnical services contract with ODOT's Roadway Division and Bridge Division.

PSI's field and laboratory engineering technicians and inspectors are trained and certified by associations such as the Oklahoma Department of Transportation, the American Society for Non Destructive Testing (ASNT), the American Welding Society (AWS), the American Concrete Institute (ACI), and other specialized organizations. This professional development and continuity in our staff has enabled PSI to maintain a high level of expertise in providing the best service possible to our clients. PSI takes pride in the fact that our clients can have the utmost confidence in our services, because of the experience and capabilities of our personnel.

9. 61 O.S., § 64. Offenses

Any consultant or person doing architectural, surveying or engineering work for the State of Oklahoma, their agents, servants or employees, who shall receive gratuity from any contractor or builder of any public building or works, or solicit, receive or make any political contribution from or to a contractor or a builder of any public building or works, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year. Any contractor or builder of any public building or works, their agents, servants or employees, who shall offer any gratuity or political contribution to any consultant doing architectural, surveying or engineering work for the State of Oklahoma, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year.

10. The foregoing is a statement of facts. My signature below indicates I have read the above excerpt from Title 61 of the Oklahoma Statutes.

Signature: 

Typed Name and Title: A. Adam Wadsworth, P.E. - Department Manager

Date:

07/20/2016

Return this form along with your letter expressing interest to the agency from whom you received the notice of this project.



STATE OF OKLAHOMA

Consultant Services For A Specific Project

<p>1. Project Name/Location for which firm is filing: Oklahoma Department of Transportation - Engineering Contract 1813</p>	<p>2a. Date of Announcement: July 2016</p>	<p>2b. Agency originating announcement: Oklahoma Department of Transportation</p>
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3. Firm (or Joint-Venture) Legal Name and Address:
Aerial Data Service, Inc.
8301 E. 51st St. Ste. 100
Tulsa, OK 74145

3a. Certificate of Authority Number:

3b. FEI/Tax ID Number: [REDACTED]

3c. Name, Title, & Telephone Number of Principal Contact:
Doug Ward, Vice President (918) 622-4144

3d. Address of office to perform work if different from Item 3:

4. Personnel by Discipline: (List each person only once, by primary function.)

8 Administrative	Economists	Mechanical Engineers	<u>2 Certified Photogrammetrists</u>
Architects	Electrical Engineers	Mining Engineers	<u>1 Commercial Pilots</u>
2 CAD/CADD Technicians	Estimators	Planners: Urban/Regional	<u>22 Cartographic/GIS Technicians</u>
Chemical Engineers	Geologists	Sanitary Engineers	<u>1 Photo Lab Technician</u>
Civil Engineers	Hydrologists	Soil Engineers	<u>1 LiDAR Technicians</u>
Construction Inspectors	Interior Designers	Specification Writers	<u>1 Aerialtriangulation Specialist</u>
Draftsmen	Landscape Architects	Structural Engineers	<u>1 Orthophoto Specialist</u>
Ecologists	0 Land Surveyors	Surveyors	<u>38 Total Personnel</u>

5. If submittal is by a JOINT-VENTURE, list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: All firms and the joint venture MUST be registered with Construction and Properties, Department of Central Services, 2401 N. Lincoln Blvd., Suite 106, P. O. Box 53448, Oklahoma City, OK 73152-3448.

5a. Has this Joint-Venture previously worked together? Yes No If YES, how many times? _____

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Doug Ward, Vice President	a. Name and Title: Curtis Daggs, Aerial Photography Pilot
b. Project Assignment: Photogrammetric and Project Manager	b. Project Assignment: Aerial Photography Pilot
c. Name of firm with which associated: Aerial Data Service, Inc.	c. Name of firm with which associated: Aerial Data Service, Inc.
d. Years experience: With this firm 22 With other firms 0	d. Years experience: With this firm 1 With other firms 10
e. Education: Degree(s)/Year/Specialization B.S. Degree/1993/Cartography, East Central University A.S. Degree/1989/Comp. Science, Eastern OK State College	e. Education: Degree(s)/Year/Specialization Spartan School of Aeronautics Pilot Procedures, Delta Connection Academy
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number Land Surveyor Intern, OK #98, 2008 Certified Photogrammetrist, American Society of Photogrammetry & Remote Sensing (ASPRS) #1242, 2004 American Society of Photogrammetry member Oklahoma Certificate of Authority (if any)	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number FAA Commercial Pilot, Commercial Pilot-Airplane SE Land, Instrument, FAA Flight Instructor – Airplane CFI, FAA Ground Instructor – Advanced FCC Restricted Radiotelephone Operators Permit, FAA First Class Medical – No limitations Oklahoma Certificate of Authority (if any)
g. Other experience and qualifications relevant to the proposed project: Doug Ward joined the Aerial Data Service staff in 1993 as a Stereoplotter Operator in the photogrammetry department. Mr. Ward, who has 21 years of photogrammetric mapping experience, presently serves as ADS's Vice President. He is a member of the American Society of Photogrammetry. He has experience in all areas of photogrammetry, project management, and hiring and supervising photogrammetric department personnel. Mr. Ward's responsibilities include project management, client communications, and client consulting. He has provided photogrammetry management on many projects, including:	g. Other experience and qualifications relevant to the proposed project: Curtis Daggs serves as Aerial Data Service, Inc.'s certified Pilot and Aerial Imagery Acquisition Specialist. He joined the ADS staff in 2015 as the Chief Pilot in our flight department with over 1,000 hours in the role of aerial survey pilot. His responsibilities as Chief Pilot include overseeing flight missions and coordinating with local and distant aviation authorities for entry into various airspaces for aerial photography projects. He has provided aerial photography for the following projects:
<ul style="list-style-type: none"> • Southwest Corner of 121st Street and Memorial, City of Bixby • SH 51 Fort Gibson Bridge – Wagner, OK • Kansas Bridge and Road Corridors, Butler County • Kilpatrick Turnpike Project, Oklahoma Turnpike Authority, OKC, OK • Turner Turnpike Project, Oklahoma Turnpike Authority, OKC, OK • Traffic Signal Rehabilitation – Downtown Amarillo, TX • Muskogee Sewer System Rehabilitation, Muskogee, OK • 2010 DTM Updates - Phase 4 • IH 635 Managed Lanes LBJ Project • USACE, Tulsa District, WO 1-12 Various Locations 	<ul style="list-style-type: none"> • Batesville Facility in Batesville, Arkansas • Echota Public Use Area, Echota, Oklahoma • TxDOT San Antonio 15-5RFP5004 • FM 521 from 2254 to SH 6 • SH 105 from 10th Street to Conroe, Texas

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for THIS PROJECT.	
a. Name and Title: Kathy McAnelly, GIS Analyst	a. Name and Title: Jonathan Ripley
b. Project Assignment: GIS and Imaging Supervisor	b. Project Assignment: GIS Supervisor/Federal Services Manager
c. Name of firm with which associated: Aerial Data Service, Inc.	c. Name of firm with which associated: Aerial Data Service, Inc.
d. Years experience: With this firm 35 With other firms 0	d. Years experience: With this firm 17 With other firms 6
e. Education: Degree(s)/Year/Specialization 1979 - Drafting 1983 – Drafting/Mapping	e. Education: Degree(s)/Year/Specialization University of Kentucky – Lexington, KY B.A. Degree, Geography/ Cartography – 1990
f. Active Registration: State/Year first registered/Discipline/Oklahoma License Number GISP – GIS Certification Institute #00059420 Oklahoma Certificate of Authority (if any)	f. Active Registration: State/Year first registered/Discipline/ Oklahoma License Number Oklahoma Certificate of Authority (if any)
g. Other experience and qualifications relevant to the proposed project: Kathy McAnelly received training in drafting from Anoka Vocational/ Technical School in Anoka, Minnesota. She also studied drafting and mapping at Tulsa Junior College. Ms. McAnelly began her employment with Aerial Data Service, Inc. in 1980, and currently serves as imaging manager. With experience in map cartography and computer aided-drafting, Ms. McAnelly has been involved in numerous large-scale facility-mapping projects. She has completed ArcGIS training and recently completed advanced certification in SDSFIE (Spatial Data Standards For Infrastructure and Environment). Ms. McAnelly has years of experience as a digital imaging and photogrammetric mapping specialist. She has provided data editing, digital orthophotos and image scanning for the following projects: <ul style="list-style-type: none"> • IH 635 Managed Lanes LBJ Project • Southwest Corner of 121st Street and Memorial, City of Bixby • SH 51 Fort Gibson Bridge – Wagner, OK • Kansas Bridge and Road Corridors, Butler County • Kilpatrick Turnpike Project, Oklahoma Turnpike Authority, OKC, OK • Turner Turnpike Project, Oklahoma Turnpike Authority, OKC, OK • Traffic Signal Rehabilitation – Downtown Amarillo, TX • Muskogee Sewer System Rehabilitation, Muskogee, OK • USACE, Tulsa District, WO 1-12 Various Locations 	g. Other experience and qualifications relevant to the proposed project: Jonathan Ripley joined ADS in 1999 as the Quality Assurance Manager for the Special Operations Department. Mr. Ripley has managed the Special Operations Department for over 10 years. Having formerly worked for the National Geospatial-Intelligence Agency (NGA) as a cartographer, Mr. Ripley has over 18 continuous years of NGA product experience, and over 20 years in GIS and map production. Mr. Ripley is actively involved in all areas of management for the Special Operations and Geographical Information Systems (GIS) Department, including the facility security for the federally approved closed area, project estimating, client relations, budget analysis, and personnel. He has provided supervision on the following projects: <ul style="list-style-type: none"> • City of Fort Smith, Arkansas • Stigler Airport, Stigler, Oklahoma • City of Tulsa, Oklahoma

7. Work by firm or members which best illustrates current qualifications relevant to THIS PROJECT (list not more than 10 projects).

a. Project Name and Location	"P", "C", "JV" or "I"	b. Nature Of Firms Responsibility	c. Project Owner's Name and Address	d. Completion Date	e. Est. Cost (000's)	
					Entire Project	Firm's Portion
1. I-44 and U.S. 169 Interchange Tulsa, Oklahoma	C	Aerial Photography and Photogrammetry Services	Craig & Keithline 6940 S. Utica Ave., #103 Tulsa, OK 74136-3901	8/16		17
2. Dwight Mission Road Vian, Oklahoma	C	Aerial Photography and Photogrammetry Services	Guy Engineering Services 10759 E. Admiral Place Tulsa, OK 74116	7/16		13
3. Anderson Road Locust Grove, Oklahoma	C	Aerial Photography and Photogrammetry Services	Guy Engineering Services 10759 E. Admiral Place Tulsa, OK 74116	4/16		9
4. SH 51 and U.S. 169 Interchange Tulsa, Oklahoma	C	Aerial Photography and Photogrammetry Services	Craig & Keithline 6940 S. Utica Ave., #103 Tulsa, OK 74136-3901	8/16		66
5. Turner Turnpike 6 Lane (T-MC-107A)	C	Aerial Photography and Photogrammetry Services	MacArthur Associated Consultants, LLC 25 NW 146th Street Edmond, OK 73013	11/15		35
6. Luther Road Luther, Oklahoma	C	Aerial Photography and Photogrammetry Services	EST, Inc. 1960 Cooper Drive Ardmore, OK	10/15		25
7. Muskogee Turnpike Muskogee, Oklahoma	C	Aerial Photography and Photogrammetry Services	White Hawk Engineering and Design 121 E. Main Street, Ste. 104 Davis, OK	11/14		27
8. SH 3 from US 270 to Kingfisher County Line, Watonga, Oklahoma EC 1502	C	Aerial Photography and Photogrammetry Services	Craig & Keithline 6940 S. Utica Ave., #103 Tulsa, OK 74136-3901	6/15		33
9. SH 3 from Laing Avenue (NS258) in Watonga, east 4.5 miles, Watonga, Oklahoma EC 1502	C	Aerial Photography and Photogrammetry Services	White Hawk Engineering and Design 121 E. Main Street, Ste. 104 Davis, OK	11/14		27
10. US 259 McCurtain County, Oklahoma	C	Aerial Photography and Photogrammetry Services	EST, Inc. 1960 Cooper Drive Ardmore, OK	5/14		90

8. Use this space to provide any additional information or description of resources (including any computer design capabilities) supporting your firm's qualifications for the proposed project.

Aerial Data Service, Inc. (ADS) is a leader in client-focused photogrammetric solutions. With fifty-two years in the geospatial industry (established in 1964) and a management team in place for an average of 29 years, ADS prides itself on building and sustaining long-standing client relationships. Clients rely on ADS to provide the highest level of customer service and continue to call when top quality services are needed. ADS provides a wide range of geospatial data acquisition and production services with a commitment to cost-effective solutions and high quality service. ADS supports local, state and federal government agencies, as well as private industry clients, including engineers, utilities, railroads, and real estate developers with tailor made solutions to their photogrammetric needs.

Our dynamic, forward thinking team consists of employees dedicated to the design and implementation of innovative solutions to photogrammetric projects in order to best meet our client's budget and project needs. The corporate headquarters for ADS are located in Tulsa, Oklahoma with a production facility in Austin, Texas. ADS employs dedicated professionals, including American Society of Photogrammetry and Remote Sensing (ASPRS) Certified Photogrammetrists and geographical information system (GIS) certified technicians. The longevity of our employees, many with more than twenty years employed at ADS, stands as a testament to the dedication and expertise of our staff. The hands-on knowledge of a wide range of projects, from small building sites to entire counties, is paramount to our success.

ADS is a small, 100% woman-owned business certified as a disadvantaged business enterprise (DBE) in numerous states (Oklahoma, Texas, New Mexico, Arkansas, Kansas, Louisiana, Missouri, Mississippi, Iowa). ADS is also certified federally as a Historically Underutilized (HUBZone) business by the U.S. Small Business Administration and as a woman-owned business with the North Central Texas Regional Certification Agency (NCTRCA) and the South Central Texas Regional Certification Agency (SCTRCA). ADS believes that involvement in the photogrammetric/engineering industry is critical to staying informed about latest trends and evolving technologies. Employees are encouraged to join and become active in several industry driven organizations such as American Society of Photogrammetry and Remote Sensing (ASPRS), Association of American Geographers, United States Geospatial Intelligence Foundation and Management Association of Private Photogrammetric Surveyors (MAPPS), among others.

ADS has a long-standing history of providing photogrammetric services for Oklahoma Department of Transportation projects throughout the state of Oklahoma. In the past twenty years, ADS has provided aerial photography and/or digital mapping services for approximately 435 projects as a prime contractor or subconsultant.

9. 61 O.S., § 64. Offenses

Any consultant or person doing architectural, surveying or engineering work for the State of Oklahoma, their agents, servants or employees, who shall receive gratuity from any contractor or builder of any public building or works, or solicit, receive or make any political contribution from or to a contractor or a builder of any public building or works, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year. Any contractor or builder of any public building or works, their agents, servants or employees, who shall offer any gratuity or political contribution to any consultant doing architectural, surveying or engineering work for the State of Oklahoma, or who attempts to interfere with the competitive bidding process of the State of Oklahoma in any manner, is guilty of a misdemeanor, and upon conviction thereof shall be fined not less than One Hundred Dollars (\$100.00) nor more than Five Hundred Dollars (\$500.00), and by imprisonment in the county jail for not less than six (6) months nor more than one (1) year.

10. The foregoing is a statement of facts. My signature below indicates I have read the above excerpt from Title 61 of the Oklahoma Statutes.

Signature:  Typed Name and Title: Doug Ward, Vice President

Date:

7/20/2016

Return this form along with your letter expressing interest to the agency from whom you received the notice of this project.

**STANDARD
FORM (SF)**

255

Architect-Engineer
and Related Services
Questionnaire for
Specific Project

1. Project Name/Location for which Firm is Filing:

EC 1813

2. *Commerce Business
Daily Announcement*
Date, if any:

7/18/16

2b. Agency Identification
Number, if any:

3. Firm (or Joint-Venture) Name & Address

**Traffic Engineering Consultants, Inc.
6000 S. Western Ave., Ste. 300
OKC, OK 73139**

3a. Name, Title & Telephone Number of Principal to Contact

**Todd E. Butler, President (405) 720-7721
Wayne Russell, Sr. Vice President (405) 720-7721**

3b. Address of office to perform work, if different from Item 3

**Traffic Engineering Consultants, Inc.
6931 S. 66th E. Ave., Ste. 100
Tulsa, OK 74133**

4. Personnel by Discipline: (List each person only once, by primary function.) Enter proposed consultant personnel to be utilized on this project on line (A) and In-house personnel on line (B).

(A) <u>1</u> (B) _____ Administrative	(A) _____ (B) _____ Electrical Engineers	(A) _____ (B) _____ Oceanographers	(A) <u>1</u> (B) _____ Part-Time
(A) _____ (B) _____ Architects	(A) _____ (B) _____ Estimators	(A) _____ (B) _____ Planners: Urban/Regional	(A) <u>4</u> (B) _____ Part-Time Data Coll
(A) _____ (B) _____ Chemical Engineers	(A) _____ (B) _____ Geologists	(A) _____ (B) _____ Sanitary Engineers	(A) _____ (B) _____
(A) _____ (B) _____ Civil Engineers	(A) _____ (B) _____ Hydrologists	(A) _____ (B) _____ Soils Engineers	(A) _____ (B) _____
(A) _____ (B) _____ Construction Inspectors	(A) _____ (B) _____ Interior Designers	(A) _____ (B) _____ Specification Writers	(A) _____ (B) _____
(A) <u>3</u> (B) _____ Draftsmen	(A) _____ (B) _____ Landscape Architects	(A) _____ (B) _____ Structural Engineers	(A) _____ (B) _____
(A) _____ (B) _____ Ecologists	(A) _____ (B) _____ Mechanical Engineers	(A) _____ (B) _____ Surveyors	(A) _____ (B) _____
(A) _____ (B) _____ Economists	(A) _____ (B) _____ Mining Engineers	(A) <u>7</u> (B) _____ Transportation Engineers	(A) <u>16</u> (B) _____ Total Personnel

5. If submittal is by JOINT-VENTURE list participating firms and outline specific areas of responsibility (including administrative, technical and financial) for each firm: (Attach SF 254 for each if not on file with Procuring Office.)

5a. Has this Joint-Venture previously worked together? Yes No

7. Brief resume of key persons, specialists, and individual consultants anticipated for this project.	
<p>a. Name and Title: Jon Eshelman, P.E., PTOE Manager</p>	<p>a. Name and Title: B.J. Hawkins, P.E., PTOE Corporate Secretary</p>
<p>b. Project Assignment: Project Manager</p>	<p>b. Project Assignment: Traffic Engineer</p>
<p>c. Name of Firm with which associated: Traffic Engineering Consultants, Inc.</p>	<p>c. Name of Firm with which associated: Traffic Engineering Consultants, Inc.</p>
<p>d. Years Experience: With this Firm 15 With Other Firms 27</p>	<p>d. Years Experience: With this Firm 10 With Other Firms</p>
<p>e. Education: Degree/Year/Specialization M.S. Civil Engineering, Kansas State University, 1971 B.S. Civil Engineering,, Kansas State University, 1970</p>	<p>e. Education: Degree/Year/Specialization B.S. Civil Engineering, University of Oklahoma, 2006</p>
<p>f. Active Registration: Year First Registered/Discipline Oklahoma #10253, 1976 Arkansas #11771, 2004 Missouri #2006033965, 2006 PTOE Certification #865, 2001 Oklahoma Certificate of Authority CA1160</p>	<p>f. Active Registration: Year First Registered/Discipline Oklahoma, Professional Engineer, 25164 PTOE Certification #3193 Texas, Professional Engineer, 112086 Okla. Cert of Authority CA 1160 Arkansas, Professional Engineer, 16703</p>
<p>g. Other Experience and Qualifications relevant to the proposed project:</p> <p>Mr. Eshelman is the manager of the Tulsa office of Traffic Engineering Consultants, Inc. He has extensive experience in the field of Transportation Engineering and Planning. He joined the firm in August 2000 and opened the Tulsa office.</p> <p>Prior to his employment with TEC; Mr. Eshelman worked for the City of Tulsa for 27 years. For the first 14 years, he served as a Traffic Engineer responsible for all aspects of Municipal Traffic Engineering. His areas of expertise include planning design, maintenance of traffic systems, traffic signals, traffic signs and pavement markings. He obtained special expertise in bicycle safety and design, roadway lighting, and parking design.</p> <p>The last 13 years, Mr. Eshelman served as the Chief Traffic Engineer for the City of Tulsa. He obtained expertise in working with Mayors, City Councils, Planning Commissions, private developers, and the public.</p> <p>Prior to working with the City of Tulsa, Mr. Eshelman was employed by Harland Bartholomew and Associates for 2 years. He was involved with traffic signal design under the Topics programs.</p>	<p>g. Other Experience and Qualifications relevant to the proposed project</p> <p>Mr. Hawkins is currently a Principal with the firm of Traffic Engineering Consultants, Inc. (TEC). He has been a traffic engineer with the firm since May 2006. He worked at the TEC Tulsa office for 3 years before relocating to the Oklahoma City office in May 2009. His responsibilities include conducting traffic impact and traffic simulation studies, performing intersection and traffic signal warrant analyses, analyzing traffic signal timing plans, and designing traffic signal, signing, striping, and lighting plans.</p> <p>He has previously worked through the University of Oklahoma and the Oklahoma Department of Transportation as a research assistant. He was in charge of developing and testing early strength concrete to be used on road, highway and interstate patching.</p>

8. Work by firms or joint-venture members which best illustrate current qualifications relevant to this project (list not more than 10 projects).					
a. Project Name & Location	b. Nature of Firm's Responsibility	c. Project Owner's Name & Address and Project Manager's Name & Phone Number	d. Completion Date (actual or estimated)	e. Estimated Cost (In Thousands)	
				Entire Project	Work For Which Firm Was/Is Responsible
(1) Downtown Tulsa Conversion of Certain Streets from One-Way to Two-Way Tulsa, OK	Traffic Study	City of Tulsa 175 E. 2nd St., Ste. 690 Tulsa, OK 74103	Ongoing		
(2) Apache Multi-Modal, LOS Study Tulsa, OK	Traffic Study	Guy Engineering Services 10759 E. Admiral Pl. Tulsa, OK 74116	Ongoing		
(3) W. 41st St & S. 33rd W. Ave Street Rehab Tulsa, OK	Traffic Study and Signal Design	Dewberry Design Engineers 1350 South Boulder, Ste. 600 Tulsa, OK 74119	2015		
(4) Main St Streetscapes Phase IV Broken Arrow, OK	Traffic Study	R.L. Shears Company, P.C. 1522 S. Carson Ave. Tulsa, OK 74119	Ongoing		
(5) Main St Bikeway Transp. Altern. Grant Assist. Broken Arrow, OK	Traffic Study	Landplan Consultants, Inc. 1110 W. 23rd Street Tulsa, OK 74107	Ongoing		
(6) US 59 from Junction SH 125 NW to Junction I-44 Ottawa County, OK	Traffic Study and Signal Design	Craig & Keithline, Inc. 6940 S. Utica Ave., Ste. 103 Tulsa, OK 74136	Ongoing		
(7) SH 33 & Little Ave and SH 33 & Linwood Ave Cushing, OK	Study and Signal Design	Meshek & Associates, PLC 1437 S. Boulder, Ste. 1550 Tulsa, OK 74119	Ongoing		
(8) Transportation System Operational Analysis Update Broken Arrow, OK	Operational Analysis	City of Broken Arrow PO Box 610 Broken Arrow, OK 74013	Ongoing		
(9) Albany Street Widening (9th St. to 23rd St) Broken Arrow, OK	Study and Signal	Holloway, Updike & Bellen, Inc. P.O. Box 1543 Muskogee, OK 74402	Ongoing		
(10) Broken Arrow Main Street Streetscape Broken Arrow, OK	Striping and Pedestrian Crossing Protection	R.L. Shears Company, P.C. 1522 S. Carson Ave. Tulsa, OK 74119	2012		

10. Use this space to provide any additional information or description of resources (including any computer design capabilities) supporting your firm's qualifications for the proposed project.

Background

Traffic Engineering Consultants, Inc. (TEC) is a multi-faceted transportation engineering firm comprised of skilled professionals, highly qualified to perform traffic and transportation design work. The firm was originally formed in May 1984 as a one person firm. Since then the firm has greatly expanded its area of expertise. Projects completed include both private and public sector traffic planning and design work. The private sector work involved reviews of site development plans, traffic impact analyses, and assistance with internal and external circulation. This work also leads to design services for off-site improvements to the adjacent roadway to improve access. The public sector projects typically include providing design work for municipalities that require the expertise to provide construction plans for street lighting, traffic signals, computerized interconnected traffic signals and traffic signal timing. TEC has the ability and equipment to collect traffic data utilizing the latest equipment available. Since its inception, TEC has acquired the skill and knowledge required to solve complex transportation planning and design issues. TEC has extensive regional transportation planning and design experience in Oklahoma, Arkansas, Texas, Kansas, Louisiana, New Mexico, Nebraska, Colorado, California, Arizona, Missouri, England and the U.S. Virgin Islands.

TEC employs six (6) full time registered professional engineers. It is the only firm in the State of Oklahoma in which the majority of the engineers have obtained the nationally recognized ITE Professional Traffic Operations Engineer (PTOE) certification. The corporate office in Oklahoma City and a branch office in Tulsa offer a vast knowledge of the ever changing field of traffic/transportation planning and design. The key employees backgrounds are varied and provide a better understanding of the process of project development, design and completion most firms are unable to offer.

Services

- Traffic Impact Studies
- Computerized Traffic Analysis
- Traffic Signal and Intersection Design
- Traffic Engineering Needs Studies
- Traffic Counts
- Closed Loop Systems
- Inventory Projects
- Planning
- Roadway Design
- Roadway Lighting
- Signing and Striping

12. The foregoing is statement of facts

Date

Signature: Jon Eshelman Typed Name and Title: Jon H. Eshelman, P.E., PTOE Mgr

7/18/16