



February 9, 2024

Ms. Kristen D. Wallace, Contract Administrator
Oklahoma Department of Transportation
200 N.E. 21st Street
Oklahoma City, Oklahoma 73105-3204

**Re: Letter of Interest to Provide Geotechnical Engineering Services
LG-0004 Local Government Pre-Qualification for Geotechnical Investigations Services
State of Oklahoma**

Dear Ms. Wallace:

Midwest Engineering and Testing Corporation (METCO) is pleased to submit our Statement of Qualifications for the Geotechnical Services Contract and to express our strong interest in being selected to provide geotechnical engineering services in support of ODOT staff for design of bridges, roadways and transportation structures for Local Government at locations throughout the state of Oklahoma.

METCO is a local **woman minority owned** firm providing services in geotechnical engineering, construction materials testing and consulting. We bring **OVER 120 years** of a unique combination of educational background and practical experience to meet your needs. Believing in the importance of quality sound engineering solutions, METCO has been

- **AASHTO Accredited since 2005.**
- **US Corp of Engineers Accredited since 2012.**
- **ODOT Lab Accredited since 2014.**

METCO brings the following benefits to your projects

- ❖ **Proven Performance** We are thoroughly familiar with Oklahoma local requirements and our team members have over one hundred twenty years of experience in the Oklahoma market. Our professionals are knowledgeable of ODOT methods and procedures.
- ❖ **Exceptional Customer Service** We have a proven track record of meeting and exceeding our customer's professional expectations.
- ❖ **Local Expertise & Resources** Our locally recognized associates will be a valuable asset to you. We are committed to providing timely services resulting in project cost savings.
- ❖ **National Experience/Innovative Solutions** Our engineers and technical support have extensive experience in Oklahoma and other states, which allow us to look at engineering issues from several angles resulting in cost savings.
- ❖ **Commitment to Satisfaction** Our qualified engineers and **certified** technicians will be committed to achieving your satisfaction.

We look forward to discussing how we can tailor our services to satisfy your needs

Sincerely,

Midwest Engineering & Testing Corporation

Tina Morgan
Business Development Manager

Nasir Marakah, P.E., D.GE
President



Qualifications and Roles

Midwest Engineering and Testing Corporation (METCO) is a locally recognized **Woman Minority owned, AASHTO accredited, US Corp. and ODOT Certified** consulting engineering and testing firm providing geotechnical engineering, construction materials testing and consulting services throughout the state of Oklahoma.

The Principal Administrator, Ms. Anna Marakah, MHR will serve as our team project administrator for this contract. Ms. Marakah has developed a reputation for personalized and successful project management. Ms. Marakah has successfully provided services on similar projects. Ms. Marakah will have the full responsibility and authority to assure that our team meets its budget and obligations on all assigned projects. Ms. Marakah has successfully completed her Master's Degree in Human Relations and Management from the University of Oklahoma.

The Principal Chief Engineer & Radiation Safety Officer, Mr. Nasir Marakah, P.E. D.GE, will serve as our team chief engineer for this contract. Mr. Marakah will be responsible for the timely on budget completion of the assigned projects. Mr. Marakah has developed a reputation for personalized and successful on time and on budget completion of projects. Mr. Marakah has successfully provided services for small to large transportation, structural, and various other types of projects throughout the state of Oklahoma. Mr. Marakah has completed his Master's Degree in Civil Engineering at The University of Oklahoma, specializing in Geotechnical Engineering and Construction Materials Testing. Mr. Marakah continues to offer his experience and knowledge as an Adjunct Instructor at The University of Oklahoma.

The Vice President of Operations, Omar Karmid, will serve as our controller for this contract. Mr. Karmid will be responsible for the timely completion of all laboratory testing and/or field drilling services. Mr. Karmid has over eighteen years of experience in the testing and quality control industry and is certified by the American Concrete Institute lab and field certifications, Troxler Laboratories, Haz-Mat, OSHA 10, F-Number Measurement and Oklahoma Department of Transportation. Mr. Karmid also has his Oklahoma Water Resources Board, Drilling Certification. Mr. Karmid has completed his Bachelor degree in science.

The Project Staff Engineer, Mr. Shafe Saad Al Din, P.E., will serve as our team project engineer for this contract. Mr. Saad Aldin will be responsible for the timely completion of project reports and the quality assurance of all the laboratory tests. Mr. Saad Aldin has over nine years of experience in the geotechnical engineering and construction materials testing industry. Mr. Saad Al Din has successfully completed his Bachelor of Science Degree in Civil Engineering from Al-Balqa Applied University. Mr. Saad Al Din is certified by the American Concrete Institute, Oklahoma Department of Transportation and Troxler Laboratories. Mr. Saad Al Din is also ICC Structural Concrete Special Inspector, and Haz-Mat certified.

The Project Staff Engineer, Mr. Tareq Abuawad, PhD., & P.E., will serve as our team project engineer for this contract. Mr. Abuawad will be responsible for the timely completion of project reports and the quality assurance of all the laboratory tests. Mr. Abuawad has over one year of experience in the geotechnical engineering and construction materials testing industry and over four years of experience in research and development at the University of Oklahoma. Mr. Abuawad successfully completed his Bachelor of Science Degree, Master of Science and his Doctorate degree in Civil Engineering. Mr. Abuawad has been conducting research on the application of seismic cone penetration tests parameters for Oklahoma soils. Mr. Abuawad is also certified by the American Concrete Institute and Troxler Laboratories.

The Project Engineering Support, Graduate Engineer, Mr. Muhammad Al Hussoon, will serve as our project engineering support for this contract. Mr. Al Hussoon has over twenty years of experience in the geotechnical engineering and construction materials testing industry. Mr. Al Hussoon has successfully completed his Civil Engineering degree from the University of Yarmook in Jordan. Mr. Al Hussoon is certified by Oklahoma Department of Transportation.



The CMT Manager, Mr. Lee Ellis, will serve as our project field support for this contract. Mr. Ellis will be responsible for the timely completion of all field and laboratory testing. Mr. Ellis has over twenty-five years of experience in the testing and quality control industry and is certified by the American Concrete Institute, F-Number, Oklahoma Department of Transportation, OSHA 10 Certification and Troxler Laboratories. Mr. Ellis will have the full responsibility and authority to assure that all field and laboratory testing services are completed in a timely manner.

The Laboratory Manager, Michael Florer, will serve as laboratory support for this contract. Mr. Florer has over twenty years of experience in the construction testing and geotechnical engineering industry and will serve as the laboratory senior support for this contract. Mr. Florer's twenty years of experience in this field has given him the opportunity of working on similar projects to those anticipated under this contract. Mr. Florer is certified by the American Concrete Institute, Oklahoma Department of Transportation and is OSHA 10 certified.

The Engineering Laboratory Support, Assistant Lab Manager, Graduate Engineer, Dhuha Kareem, will serve as laboratory support for this contract. Ms. Kareem has over eight years of experience in the geotechnical engineering and construction testing industry and will serve as the laboratory lead technician for this contract. Ms. Kareem will be responsible for assisting with all laboratory testing on this project. Ms. Kareem's eight years of experience in this field has given her the opportunity of working on similar projects to those anticipated under this contract. Ms. Kareem has successfully completed her Civil Engineering degree from the Al Mustansiriya University in 2005. Ms. Kareem is Oklahoma Department of Transportation certified.

The CMT Field Support, Lloyd McCoy, will serve as our project field support for this contract. Mr. McCoy has over ten years of experience in the construction testing and geotechnical engineering industry will serve as a senior field technician for this contract. Mr. McCoy will be responsible for field testing on this project. Mr. McCoy's ten years of experience in this field has given him the opportunity of working on similar projects to those anticipated under this contract. Mr. McCoy is American Concrete Institute Lab and Field certified, Certified by Post Tension Institute, Troxler Laboratories, Haz-Mat, Oklahoma Department of Transportation, ICC Fireproofing and OSHA 10 certified.

The CMT Field Support, Kenny Meder, will serve as our project field support for this contract. Mr. Meder has over twenty-five years of experience in the construction testing and will serve as a senior field technician for this contract. Mr. Meder will be responsible for field testing on this project. Mr. Meder's twenty-five years of experience in this field has given him the opportunity of working on similar projects to those anticipated under this contract. Mr. Meder is certified by American Concrete Institute, Oklahoma Department of Transportation, Troxler Laboratories, Haz-Mat and is OSHA 10 certified.

The CMT Field Support, Sammy Chacon, will serve as our project field support for this contract. Mr. Chacon has over six years of experience in the construction testing and geotechnical engineering industry and will serve as a senior field technician for this contract. Mr. Chacon will be responsible for field testing on this project. Mr. Chacon's six years of experience in this field has given him the opportunity of working on similar projects to those anticipated under this contract. Mr. Chacon is American Concrete Institute Lab and Field certified, Troxler Laboratories, Haz-Mat, Oklahoma Department of Transportation, and OSHA 10 certified.

The CMT Field Support, Cannon Holland, will serve as our project field support for this contract. Mr. Holland has over six years of experience in the construction testing and geotechnical engineering industry will serve as a senior field technician for this contract. Mr. Holland will be responsible for field testing on this project. Mr. Holland's six years of experience in this field has given him the opportunity of working on similar projects to those anticipated under this contract. Mr. Holland is American Concrete Institute Lab and Field certified, Troxler Laboratories, Haz-Mat, Oklahoma Department of Transportation, and OSHA 10 certified.

Business Development Manager & Safety Coordinator, Tina Morgan, will serve as our project safety coordinator/safety support for this contract. Ms. Morgan has over twenty years of experience in the



construction and geotechnical engineering industry and will serve as our project safety coordinator/safety support for this contract. Ms. Morgan will be responsible for conducting safety meetings and safety training for this contract in accordance with METCO's policy and procedures. Ms. Morgan's training in the safety field has given her the opportunity to become familiar with safe work practices and to conduct the training necessary for METCO's employees to maintain a safe and practical work environment. Ms. Morgan will have the full responsibility and authority along with the management to ensure that all employees of METCO receive the appropriate safety training and equipment in order to follow METCO's Safety Policy.

Technical Support

- **Gerald Miller, Ph.D., P.E.**, will serve as our team engineering technical support consultant for this contract. Mr. Miller will assist in performing complicated engineering analysis, if needed.
- **James Nevels, Ph.D., P.E.**, will serve as our team engineering technical support consultant for this contract. Mr. Nevels will assist in performing complicated engineering analysis, if needed.
- **David Cohenour**, will serve as our team environmental technical support consultant for this contract.
- **Donald Nist**, will serve as our team environmental technical support consultant for this contract, if needed.
- **American Piping Inspection** will serve as our team for structural steel inspection and other structural inspections as required, if needed.

The combined experience of our team members will be of a great asset to Oklahoma Department of Transportation and Local Government. Our team brings intimate knowledge of Oklahoma soils and the effects of subsurface conditions on transportation structures, infrastructure and facilities.

Laboratory & Field Staff, 20 ACI and/or ODOT trained personnel will be utilized as needed for the various projects.

It is our understanding that the work will require services that include, but are not limited to:

- ♦ **Foundation Design Recommendations**
- ♦ **Pavement Design Recommendations**
- ♦ **Drilling and Sampling**
- ♦ **Field and Laboratory Testing**
- ♦ **Hole Backfilling and Site Restoration**
- ♦ **Subgrade Preparation and Testing Recommendations**
- ♦ **Concrete, Soil, and/or Asphalt Testing, if requested**

All work will be performed in accordance with the applicable AASHTO, ASTM, ODOT specifications for geotechnical investigations and testing of structures and all applicable state and federal requirement.

Our laboratories are AASHTO, ODOT and US Corp of Engineers Certified and can provide the required testing services on soil, rock, aggregates, concrete, and asphalt. Our laboratory technicians are ACI and/or ODOT trained personnel and are knowledgeable of the testing procedures. Some of the regularly performed tests and services in our laboratories that are regularly requested are but not limited to:

- ♦ Soil Classifications, ASTM D4318–AASHTO T-89, T90, and ASTM D422–AASHTO T-88
- ♦ Specific Gravity, ASTM D854–AASHTO T-100
- ♦ Moisture Content, ASTM D2216–AASHTO T-265
- ♦ Moisture-Density Test, Proctor, ASTM D698–AASHTO T-99, and ASTM D1557–AASHTO T-180
- ♦ Unconfined Compression Tests, ASTM D2166- AASHTO T-208 and D 2938- AASHTO T-229
- ♦ Consolidation Tests, ASTM D2435- AASHTO T-216
- ♦ Swell Pressure Test & Percent Swell, ASTM D4546
- ♦ Particle Size Distribution, ASTM D6913
- ♦ Particle Size Distribution of Fine-Grained Soils, ASTM D7928



- ◆ Concrete Compression, Flexure, and Thickness Tests, ASTM C31- AASHTO T-23, ASTM C39- AASHTO T-22, ASTM C143- AASHTO T-119, ASTM C173- AASHTO T-196, ASTM C231- AASHTO T-152, ASTM C617- AASHTO T-231, ASTM C1231- AASHTO T-22, ASTM C138- AASHTO T-121, ASTM C1064- AASHTO T-309, ASTM C78- AASHTO T-97, ASTM C109/C109M- AASHTO T-106, ASTM C42/C 42M- AASHTO T-24, ASTM C174/174M- AASHTO T-148
- ◆ CBR Tests, ASTM D1883- AASHTO T-193
- ◆ Masonry Tests, ASTM C1019, C780
- ◆ Fire proofing Tests, ASTM E605
- ◆ Extraction Gradation, ASTM D6307- AASHTO T-308, and D5444- AASHTO T-30
- ◆ Lab Molded Density Tests, ASTM D2726- AASHTO T-166
- ◆ Rice Specific Gravity Test, ASTM D2041- AASHTO T-209, ASTM D3203- AASHTO T-269
- ◆ Hveem Stability, ASTM D1560- AASHTO T-246
- ◆ Marshall Test, ASTM D6926- AASHTO T-245
- ◆ Unconfined Compression Tests, ASTM D2166- AASHTO T-208 and D 2938- AASHTO T-229
- ◆ Nuclear Density Gauge Testing, ASTM D2922- AASHTO T-310, and D2950- AASHTO T-355
- ◆ Sand Cone Tests, ASTM D1556- AASHTO T-191

We are also capable of performing other tests, as needed. Some of the tests include but are not limited to:

- ◆ Triaxial Testing, ASTM D4767
- ◆ Direct Shear Tests, ASTM D3080, AASHTO T-236
- ◆ Permeability Tests, ASTM D5084
- ◆ Floor Flatness Tests, ASTM E-115
- ◆ Pressuremeter Testing, ASTM D4719
- ◆ Cone Penetration Tests and Seismic Cone Penetration Tests (CPTu/SCPTu), ASTM D5778
- ◆ Downhole Seismic Testing, ASTM D7400

Our drilling equipment consists of **a coring rig, a Swamp Buggy CME 550, 2 CME 45 and a TMG MC-23 low clearance rig** and all our rigs are equipped with automatic hammers. Our drillers are licensed and experienced in Oklahoma subsurface conditions.

We can provide you with the following services on your projects

- ◆ Soil & Foundation Evaluation
- ◆ Slope Stability Analysis
- ◆ Settlement Analysis
- ◆ Foundation Recommendations
- ◆ Retaining Wall Recommendations and Parameters for Design
- ◆ Soil Stabilization/Improvements
- ◆ Pavement Thickness Recommendations
- ◆ Distress Evaluation and Remedial Measures Recommendations
- ◆ Construction Materials Testing, Including Nuclear Density Gauge Testing
- ◆ Asphalt Testing
- ◆ Concrete Testing
- ◆ Coring of asphalt and concrete pavements
- ◆ Structural Steel Special Inspections
- ◆ Other required Services as Requested by ODOT

Approach to Project

Our approach will depend on the assignment but will usually involve:

- ◆ Pre-project Meeting & Initiation



- ◆ Existing Data Collection & Field Reconnaissance
- ◆ Field & Laboratory Testing
- ◆ Engineering Analysis & Report Submittal

Proper communications with the project managers will be maintained throughout the projects. Preliminary reports and data will be provided as requested prior to final report submittal. It is our commitment to provide on time and on budget services.

It is our strong believe that we will be able to meet the desired schedules for testing, inspection, and/or geotechnical services. We will be able to mobilize our field and/or drilling equipment as needed and will submit the final reports as will be agreed on with ODOT and/or consultants. Our team will work closely with you and other consultants to meet the required deadlines.

Schedule and Level of Effort

Once selected, METCO's project managers will meet with the designated project manager to finalize the schedule and completion date. **With our current work schedule and personal utilizations, we are confident that METCO will be able to meet the required deadlines for projects completion.**

Relevant Experience

State Highway 9 Bridge over Little River, No. 24760(04), Cleveland County, Oklahoma

METCO provided pedological soil survey and Geotechnical Engineering Services including embankment stability for the three-span bridge.

Roadway Improvements, Project No: J3-0051(04) RB, Dewey County, Oklahoma

METCO provided geotechnical engineering services for the infrastructure improvements project.

Thirteen Span Bridge Job No. 24947(04) CIRB-128C (073) RB, Over Salt Fork of the Red River, Greer County, Oklahoma

METCO provided geotechnical engineering services for the comprehensive infrastructure improvements

Six Span Bridge Over Salt Fork River, Woods County, Oklahoma

METCO provided Geotechnical Engineering Services for the six-span bridge.

Two Span Bridge over Salt Creek, Pottawatomie County, Oklahoma BRF-263C(004)CI Job No. 29211(04)

METCO provided geotechnical engineering services for the comprehensive bridge project

Single Span Bridge, Hughes County, Oklahoma Local No. 024A District No. 3

METCO provided geotechnical engineering services for the comprehensive bridge rehabilitation project

State Highway 8 Bridge Rehabilitation, No. 28077 (04) Blaine County, Oklahoma

METCO provided geotechnical engineering services for the comprehensive bridge rehabilitation project

State Highway 33 Bridge over Farmrail Railroad, No. 28772 (04) Custer County, Oklahoma

METCO provided pedological soil survey and Geotechnical Engineering Services including embankment stability for the three- span bridge

Roadway Improvements, County Road NS-244 and Single Span Bridge, Kiowa County, Oklahoma

METCO provided geotechnical engineering services for the infrastructure improvements

Roadway Reconstruction, Bryant Avenue, Oklahoma County, Oklahoma



METCO provided geotechnical engineering services for the infrastructure improvements.

Relevant Experience (Continued)

Roadway Reconstruction, Bessie Road, Washita County, Oklahoma

METCO provided geotechnical engineering services for the infrastructure improvements

Roadway Improvements, County Road NS-182, Job No.30691(04) J3-0691(04) CI, Roger Mills County, Oklahoma

METCO provided geotechnical engineering services for the infrastructure improvements

Lindsey Roadway & Infrastructure Improvements Phase 1 & 2

METCO provided geotechnical engineering services for the comprehensive roadway and infrastructure improvements and new utilities program

Roadway Improvements, Indian Road Renovation, Dewey County, Oklahoma

METCO provided geotechnical engineering services for the infrastructure improvements

County Road NS 210 SH 19 TO Co. Road EW 157 Job No. 23534(07) CIRB-133C (123) RB

METCO provided geotechnical engineering services for the infrastructure improvements

Five Span Bridge Over Little River, 25467(04) McCurtain County, Oklahoma

METCO provided geotechnical services for bridge replacement and realignment in McCurtain County, Oklahoma.

Turner Turnpike Bridge Exit 215, Creek County, Oklahoma

METCO provided geotechnical services for bridge replacement and realignment in Creek County, Oklahoma.

Turner Turnpike Bridge Over Euchee Creek, Creek County, Oklahoma

METCO provided geotechnical services for bridge replacement and realignment in Creek County, Oklahoma.

Turner Turnpike Bridge Over Rock Creek, Creek County, Oklahoma

METCO provided geotechnical services for bridge replacement and realignment in Creek County, Oklahoma.

Turner Turnpike Bridge S. 153rd Avenue, Creek County, Oklahoma

METCO provided geotechnical services for bridge replacement and realignment in Creek County, Oklahoma.

Cherokee Turnpike, Delaware & Murray County, Oklahoma

METCO provided geotechnical services for the evaluation of the existing sinkholes and Karst formations and possible remedies in Delaware & Murray Counties, Oklahoma.

Turner Turnpike Bridge SH-33, Creek County, Oklahoma

METCO provided geotechnical services for bridge replacement and realignment in Creek County, Oklahoma.

Turner Turnpike Bridge W. 111th Street South, Creek County, Oklahoma

METCO provided geotechnical services for bridge replacement and realignment in Creek County, Oklahoma.

Five Span Bridge Over Salt Creek, Wagoner County, Oklahoma

METCO provided geotechnical services for bridge replacement and realignment in Wagoner County, Oklahoma.

Over 330 bridge and roadway projects throughout the State of Oklahoma.



REFERENCES

Poe & Associates, Inc.
1601 Northwest Expressway
Oklahoma City, Oklahoma 73118
Mr. David Streb, P.E., President
405-949-1962

KSA Engineering, Inc.
1800 Interstate Drive 119
Norman, Oklahoma 73072
Mr. DeAngelo Reyes, Senior Project Manager
405-548-1279

LWPB Architects, P.C.
5909 Northwest Expressway, Suite 600
Oklahoma City, Oklahoma 73132
Mr. Jeff Wegener, Principal
405-722-7270

MKEC
205 NW 63rd St., Suite 240
Oklahoma City, Oklahoma
Mr. Greg Sparks, P.E.
405-842-8558

Bockus Payne Architecture
6303 Waterford Blvd. Suite 240
Oklahoma City, Oklahoma 73118
Mr. David Payne, President
405-842-0858

Kimley Horn and Associates
14101 Wireless Way # 150
Oklahoma City, Oklahoma 73142
Mr. Luke Schmidt, P.E.
405-241-5447

Myers Engineering, Consulting Engineers, Inc
13911 Quail Pointe Drive
Oklahoma City, Oklahoma 73134
Mr. Bill Myers, P.E., Principal Engineer
405-755-5325

4D Construction
P.O Box 964
El Reno, Oklahoma 73036
Ms. Sabrina Sublett
405-262-6925

Circuit Engineering District # 8
909 West Lakes Drive
Alva, Oklahoma 73717
Mr. Tyler Shroder, P.E.
580-327-2278

CMS Willowbrook
620 NE 36TH Street
Oklahoma City, Oklahoma 73105
Mr. Weston DeHart, President 405-600-9207
Mr. Rick Watts, Senior Project Manager
405-574-2380

Wallace Engineering
123 North Martin Luther King Jr. Blvd.
Tulsa, Oklahoma 74103
Mr. Charles Wall, P.E., Principal
918-584-5858

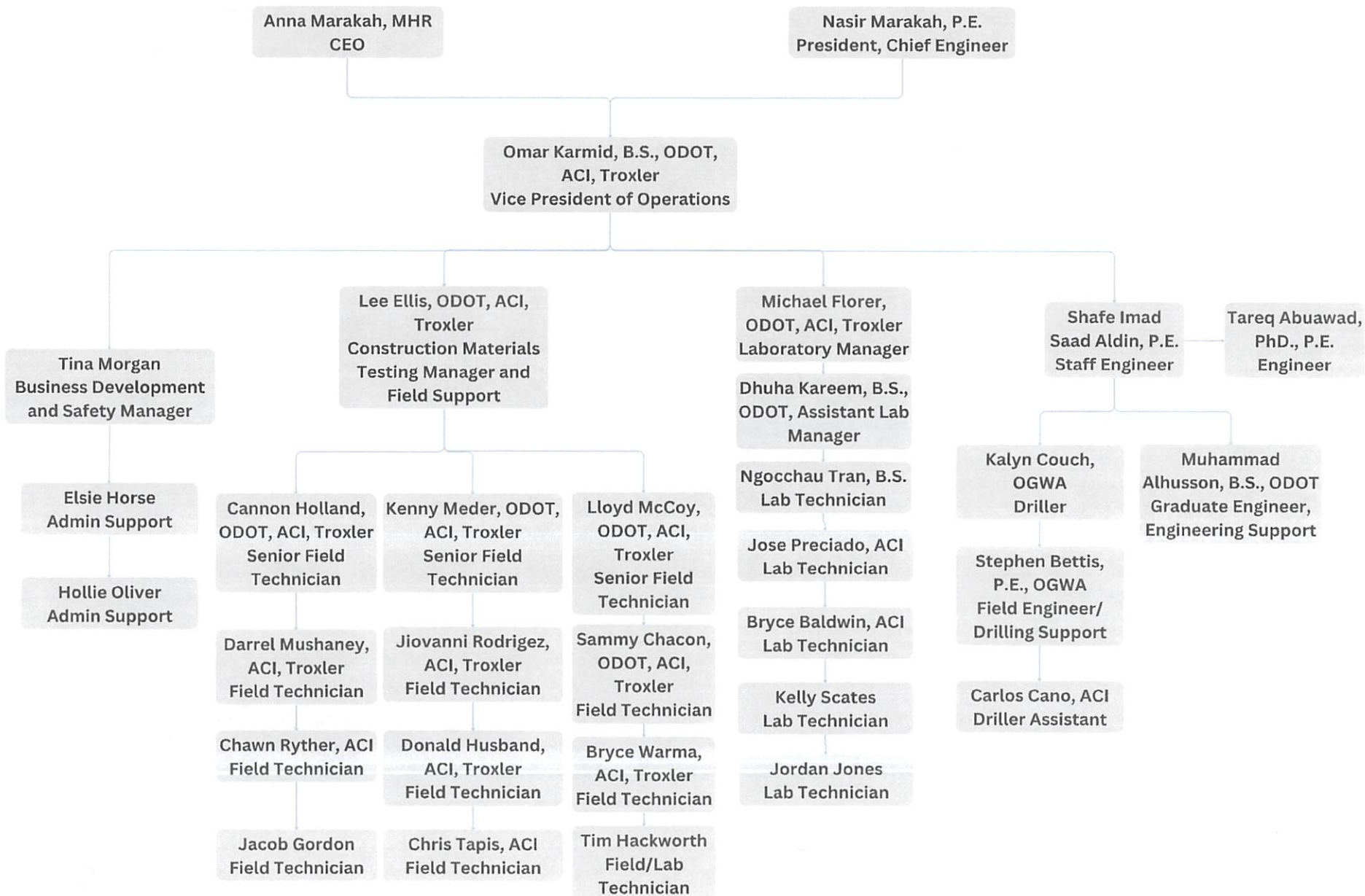
ADG Blatt Architects
920 W. Main
Oklahoma City, Oklahoma 73106
Mr. Tony Blatt, Partner
405-232-5700

Circuit Engineering District # 7
1779 Marshall Road
Clinton, Oklahoma 73601
John Northup, P.E.
580-323-8685

Schwarz Paving Co., Inc.
8251 West Reno Avenue
Oklahoma City, Oklahoma 73127
Mr. Brian Schwarz, P.E.
405-789-7203

JHBR Architecture
600 NE 4th Street
Oklahoma City, Oklahoma 73104
Mr. Jack Joiner, Vice President
405-526-0280

Grubbs Consulting
1819 S. Morgan Road
Oklahoma City, Oklahoma 73128
Mr. Mark Grubbs, P.E., President
405-265-0641



This form, or its pages, may be copied or computer generated, but not altered.

CAP Form M255 is the companion form to CAP Form M254 which permits Architects, Landscape Architects, Engineers and Land Surveyors to respond to invitations to be considered for design projects from the State of Oklahoma. It permits consultants to tailor their response to the specific project being considered by an agency.

This form is used in conjunction with CAP Form M254 in the same manner as Federal Standard Forms 254 and 255 are used for Federal selections. CAP Form M255 is to be used for a specific project and CAP Form M254 is used to be registered for consideration. **These forms have been designed to be as similar as possible to the Federal forms but SF254 and SF255 may NOT be used for State registration and selection.**

This form is divided into (6) break sections.

Section 6 (a. through g.) are expected to be reused for all proposed team members for the specific project being responded to. Use as many sheets as necessary, simply provide the proper page numbering in the bottom right for final submission.

Return this completed form to the agency issuing the invitation with a letter requesting consideration for the proposed project.

Instructions for Completing (Numbers below correspond to numbers contained on form.)

1. Enter the description of the project, as it appears in the letter you received announcing the project. If the agency has used a number to identify the project, include that number.
- 2a. Enter the date of the letter soliciting the project. You must reply to the Using Agency as specified, to be considered. This completed form must accompany your Letter of Interest.
- 2b. Enter the name of the Using Agency from which you received the announcement letter.
- 2c. Provide the CAP Solicitation Number of this response.
- 3a. List the legal name and address of the firm or joint-venture submitting this form.
- 3b. All firms, other than individuals practicing under their own license, or joint ventures must be certified by the Oklahoma Board of Registration for Professional Engineers and Land Surveyors or the Oklahoma Board of Governors for Licensed Architects and Landscape Architects.
- 3c. Enter the firm's EIN/TIN.
- 3d. Enter the name, title, and email of the principal representing the firm or joint-venture submitting this form.
- 3e. Enter the address of the office that will perform the work on this project, if it is different from that shown in item 3a.
4. List the number of personnel, by discipline, to be used on this specific project. List them only once by primary function. If functions are not shown, add them in the blanks provided.
5. If a joint-venture is planned for this project, list the member firms and their respective areas of expertise here. All members must be registered with Construction and Properties. Provide total number of employees permanently employed by the firm listed. Do not include employees of consultants or sub-consultants. A separate, complete CAP Form M255 is required for additional consultants or sub-consultants.
6. This page is for the resumes of the key personnel. It may be copied as necessary. It should be noted that Oklahoma law requires that design work for Oklahoma projects require the seals of architects and engineers licensed in the State of Oklahoma. Images and/or photographs are not requested and should not be provided.
7. This page is for the listing of projects accomplished by the (P)artnership, (C)orporation, (J)oint-(V)enture, or (I)ndividual, which best represents the qualifications of the firm for the type of project similar to the one announced. Do not include projects of consultants or sub-consultants. Images and/or photographs are not requested and should not be provided.
8. This area may be used to provide any other information not covered elsewhere on the form, which is pertinent to this project. List any special qualifications, which are applicable to this project. Images and/or photographs are not requested and should not be provided.
9. All prospective consultants must be aware of the quoted section of law from Title 61 of the Oklahoma Statutes. The signature in Item 11 acknowledges that the excerpt has been read and the information provided is accurate.
10. A principal of the firm must sign and date the questionnaire for it to be accepted. Either original or electronic signatures are required.



Procurement Division

**CAP Form M255
Consultant Services for a
Specific Project**

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

Local Government Pre-Qualification
Geotechnical Investigation Services - LG-0004

FOR OFFICIAL STATE RECEIVED STAMP

2a. CAP Solicitation Number: LG-0004

2b. Date of Solicitation: _____

2c. Using Agency originating Solicitation: ODOT

3a. Firm (or Joint-Venture) Legal Name and Address / City, ST ZIP:

Midwest Engineering and Testing Corporation
2025 S. Nicklas, Suite 115
Oklahoma City, Oklahoma 73128

3d. Name, Title, & Email of Principal Contact:

Nasir Marakah, P.E., President
nasir@metco.us

3b. Certificate of Authority Number: 4198

3c. EIN/TIN: 73-1356133

3e. Address / City, ST ZIP of office to perform work, if different from Item 3a:

Same

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

<u>5</u> Administrative	_____ Economists	_____ Mechanical Engineers	<u>4</u> Geotechnical Drilling
_____ Architects	_____ Electrical Engineers	_____ Mining Engineers	<u>9</u> Laboratory Technicians
_____ CAD/CADD Technicians	_____ Estimators	_____ Planners: Urban/Regional	_____
_____ Chemical Engineers	_____ Geologists	_____ Sanitary Engineers	_____
_____ Civil Engineers	_____ Hydrologists	<u>3</u> Soil Engineers	_____
<u>12</u> Construction Inspectors	_____ Interior Designers	_____ Specification Writers	_____
_____ Draftsmen	_____ Landscape Architects	_____ Structural Engineers	_____
_____ Ecologists	_____ Land Surveyors	_____ Surveyors	<u>33</u> Total Personnel

5a. 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, cap@omes.ok.gov.

5b. 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 Specific Project**.

a. Name and Title: Nasir Marakah, P.E., President

b. Project Assignment: Chief Engineer

c. Name of firm with which associated: METCO

d. Years experience - with this firm: 22 with other firms: 13

e. Education: Degree(s)/Year/Specialization BS Civil Engineering, 1989,

MS Civil Engineering, 1992 -Geotechnical

f. Active Registration (State/Year first registered/Discipline/Oklahoma License Number):

P.E., 1995, Civil, Oklahoma

Oklahoma Certificate of Authority (if any): P.E. License 18194

g. Dominate experience and qualifications relevant to this Specific Project:

Performing Geotechnical Engineering and Consulting Services for Numerous ODOT, State and County Bridges, Roadways and related projects throughout the State of Oklahoma.

Transportation Background in Texas and Arizona

a. Name and Title: Anna Marakah, CEO, HR Manager

b. Project Assignment: Administrative Operations, Coordinator

c. Name of firm with which associated: METCO

d. Years experience - with this firm: 22 with other firms: 0

e. Education: Degree(s)/Year/Specialization MHR, 2000, BSN, 1997

f. Active Registration (State/Year first registered/Discipline/Oklahoma License Number):

Oklahoma Certificate of Authority (if any):

g. Dominate experience and qualifications relevant to this Specific Project:

Familiar with ODOT procedures and requirements.

Provides Administration Support for METCO projects, OSHA 10 Certified

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for **this Specific Project**.

a. Name and Title: Omar Karmid, BS, MIS, Vice President of Operations

b. Project Assignment: Field, Laboratory and Administration Operations

c. Name of firm with which associated: METCO

d. Years experience - with this firm: 19 with other firms: 0

e. Education: Degree(s)/Year/Specialization BS Business Management, 2006

f. Active Registration (State/Year first registered/Discipline/Oklahoma License Number):

Oklahoma Certificate of Authority (if any):

g. Dominate experience and qualifications relevant to this Specific Project:

Familiar with ODOT procedures and requirements.
Provides Administration Field and Lab Support and has provided services on numerous ODOT projects.
ODOT Certified #2751
American Concrete Institute (ACI)
Troxler Nuclear Density Gauge & Haz-Mat Certified
OSHA 10
Radiation Safety Officer

a. Name and Title: Shafe Saad-Aldin, B.S.C.E, P.E., Staff Engineer

b. Project Assignment: Project Engineer

c. Name of firm with which associated: METCO

d. Years experience - with this firm: 9 with other firms: 1

e. Education: Degree(s)/Year/Specialization B.S. Civil Engineering/2012/Geotechnical Engineering

f. Active Registration (State/Year first registered/Discipline/Oklahoma License Number):

Oklahoma/2021/Civil Engineering/32751

Oklahoma Certificate of Authority (if any):

g. Dominate experience and qualifications relevant to this Specific Project:

Familiar with ODOT procedures and requirements
Provides project management on ODOT, County & State roadway and bridge projects.
ODOT projects.
ODOT Certified #3645
American Concrete Institute (ACI)
Troxler Nuclear Density Gauge & Haz-Mat Certified

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for **this Specific Project**.

a. Name and Title: Tareq Abuawad, P.E., Engineer

b. Project Assignment: Engineer

c. Name of firm with which associated: METCO

d. Years experience - with this firm: 1 with other firms: _____

e. Education: Degree(s)/Year/Specialization B.S. Civil Engineering/2016

PhD. Civil Engineering/2023/Geotechnical Engineering

f. Active Registration (State/Year first registered/Discipline/Oklahoma License Number): _____

Oklahoma/2023/ Civil Engineering/34541

Oklahoma Certificate of Authority (if any): _____

g. Dominate experience and qualifications relevant to this Specific Project:

Familiar with ODOT procedures and requirements
American Concrete Institute (ACI)
Troxler Nuclear Density Gauge & Haz-Mat Certified
OSHA 10

a. Name and Title: Muhammad Al Hussoon, Project Manager, Quality Control

b. Project Assignment: Project Engineer/ Soils Lab/ Quality Control

c. Name of firm with which associated: METCO

d. Years experience - with this firm: 11 with other firms: 18

e. Education: Degree(s)/Year/Specialization B.S. Civil Engineering

f. Active Registration (State/Year first registered/Discipline/Oklahoma License Number): _____

Oklahoma Certificate of Authority (if any): _____

g. Dominate experience and qualifications relevant to this Specific Project:

Familiar with ODOT procedures and requirements
Provides project support on ODOT, County & State roadway and bridge projects
ODOT Certified #4328
Troxler Nuclear Density Gauge & Haz-Mat Certified

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for **this Specific Project**.

a. Name and Title: Lee Ellis, CMT Manager & Field Support

b. Project Assignment: Construction Materials Manager & Field Support

c. Name of firm with which associated: METCO

d. Years experience - with this firm: 12 with other firms: 16

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

a. Name and Title: Mike Florer, Lab Manager

b. Project Assignment: Lab Manager/ Soil Lab/ Quality Control

c. Name of firm with which associated: METCO

d. Years experience - with this firm: 3 with other firms: 18

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

f. Active Registration (State/Year first registered/Discipline/Oklahoma License Number): _____

f. Active Registration (State/Year first registered/Discipline/Oklahoma License Number): _____

Oklahoma Certificate of Authority (if any): _____

g. Dominate experience and qualifications relevant to this Specific Project:

Diverse experience in geotechnical engineering and construction materials testing for
Bridges and Roadway projects across the State of Oklahoma
Transportation background in Idaho, Washington, Oregon, Texas, Wyoming and
Oklahoma
American Concrete Institute (ACI) LAB 2
ODOT Certified #3331
Troxler Nuclear Density Gauge & Haz-Mat Certified

Oklahoma Certificate of Authority (if any): _____

g. Dominate experience and qualifications relevant to this Specific Project:

Familiar with ODOT procedures and requirements
Provides project management on ODOT, County & State roadway and bridge projects
American Concrete Institute (ACI)
ODOT Certified #3441
Troxler Nuclear Density Gauge & Haz-Mat Certified
OSHA 10

6. Brief resume of key persons, specialists, and individual consultants employed by sub-consultants anticipated for **this Specific Project**.

a. Name and Title: Dhuha Kareem, Senior Laboratory Engineering Support

b. Project Assignment: Senior Laboratory Engineering Support

c. Name of firm with which associated: METCO

d. Years experience - with this firm: 8 with other firms: 0

e. Education: Degree(s)/Year/Specialization BSc. Civil Engineering

a. Name and Title: Tina Morgan, Business Development Manager, Safety Officer

b. Project Assignment: Client Relations, Safety Officer

c. Name of firm with which associated: METCO

d. Years experience - with this firm: 16 with other firms: 9

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

f. Active Registration (State/Year first registered/Discipline/Oklahoma License Number): _____

f. Active Registration (State/Year first registered/Discipline/Oklahoma License Number): _____

Oklahoma Certificate of Authority (if any): _____

g. Dominate experience and qualifications relevant to this Specific Project:

Diverse experience in geotechnical engineering and construction materials testing for Bridges and Roadway projects across the State of Oklahoma
Provides project laboratory support on ODOT, County & State roadway and bridge projects.
ODOT Certified #3757

Oklahoma Certificate of Authority (if any): _____

g. Dominate experience and qualifications relevant to this Specific Project:

Representing METCO for Client Relations and Business Development
Safety Officer representing METCO for industry standard safety policy and procedures.
Troxler Nuclear Gauge & Haz-Mat Certified
OSHA 10
Radiation Safety Officer
Master Compliance Safety Courses

7. Work by firm or members which best illustrates current qualifications relevant to this specific 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./Final Cost (000's)	
					Entire Project	Firm's Portion
1. Roadway Improvements, Intersection of SH-1/SH-99/US-366 Mississippi Ave. and Arlington St., Ada, Oklahoma	<u>C</u>	METCO provided geotechnical engineering services	Poe & Associates Oklahoma City, Oklahoma	04/2023	450+-	15+-
2. Three Span Bridge over Sand Creek, J/P: 31221 (04) Grant County, Oklahoma	<u>C</u>	METCO provided geotechnical engineering services for new roadway replacements and improvements	Circuit Engineering District #8 Enid, Oklahoma	05/2020	1200+-	20+-
3. Flint Road Reconstruction, Rogers County, Oklahoma	<u>C</u>	METCO provided geotechnical engineering services for embankment and pedological soil survey	MKEC Oklahoma City, Oklahoma	02/2021	3000+-	80+-
4. BNSF Underpass at 4th Street, Moore, Oklahoma	<u>C</u>	METCO provided geotechnical engineering services	Poe & Associates Oklahoma City, Oklahoma	08/2017	3000+-	75+-
5. Roadway Improvements, Post Road Widening and Relocation of 60" Water Line, Oklahoma City, Oklahoma	<u>C</u>	METCO provided geotechnical engineering services and construction material testing for new projects	The City of Oklahoma City CEC	05/2023	4000+-	115+-
6. Three Span Bridge Project No. J3-0700 (04) CI, Over Deep Red Creek, Tillman County, Oklahoma	<u>C</u>	METCO provided geotechnical engineering services	Circuit Engineering District #7 Clinton, Oklahoma	10/2020	250+-	10+-
7. Bridge Rehabilitation, Project No. J3-5178 (004) CI, Over Cache Creek, Comanche County, Oklahoma	<u>C</u>	METCO provided geotechnical engineering services	Oklahoma Department of Transportation	07/2022	1200+-	25+-
8. US-64 Beaver County (8 Mile Widen and Resurface), CI 2330B-JP 34271 (04)	<u>C</u>	METCO provided geotechnical engineering services	MKEC Oklahoma City, Oklahoma	08/2022	3000+-	105+-
9. Three Span Bridge Over Kingfisher Creek, J/P No. 34618 (04), Kingfisher County, Oklahoma	<u>C</u>	METCO provided geotechnical engineering services and pedological soil survey	Circuit Engineering District #8 Enid, Oklahoma	09/2023	1200+-	35+-
10. Roadway Improvements, Project No. J3-0036 (04) RB, State Job No. 30036 (04), Greer County, Oklahoma	<u>C</u>	METCO provided geotechnical engineering services	Circuit Engineering District #7 Clinton, Oklahoma	10/2023	1000+-	25+-

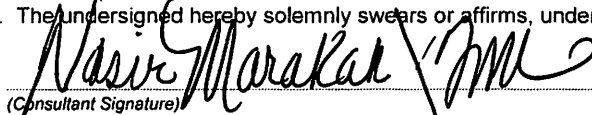
8. Space provided for any additional relative information or description of resources supporting your firm's qualifications for this Specific Project.

METCO has state of art laboratory equipment including triaxial, consolidation, permeability, pressure meter, cone testing and unconfined compression testing.
METCO has formed an agreement with Oklahoma University to perform specialized testing, as needed.

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 undersigned hereby solemnly swears or affirms, under penalty of perjury, that the information stated herein is true and correct.


(Consultant Signature)

Nasir Marakah, P.E., President

(Printed Name and Title)

1/24/2024

(Date)

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