

# **REQUEST FOR PROPOSAL**

**7/21/2021**

## **IDIQ MASTER (ON-CALL) CONTRACT FOR Geotechnical Engineering Services**

Statewide

**Issuing Office  
Mississippi Department of Transportation  
P. O. Box 1850  
Jackson, Mississippi 39215-1850**

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**PART 1:  
GENERAL INFORMATION FOR CONSULTANT(s)**

**I. Purpose**

This Request for Proposal (RFP) is issued to provide interested consulting engineering firms (hereinafter referred to as CONSULTANT(s)) with sufficient information for the preparation and submission of a proposal (hereinafter referred to as PROPOSAL) for consideration by the Mississippi Transportation Commission (hereinafter referred to as the **COMMISSION**). The services requested consist of the following:

*Provide Geotechnical Engineering Services, statewide (hereinafter referred to as the PROJECT). Additional services may apply as identified in this RFP.*

**II. Issuing Office**

This RFP is issued by the Mississippi Department of Transportation (MDOT) on behalf of the **COMMISSION**. CONSULTANT(s) submitting PROPOSALS must comply with the instructions in this RFP, Legal Ad, and any addenda. The issuing office is identified below:

Stephen Rone  
Mississippi Department of Transportation  
Consultant Services Unit  
P.O. Box 1850  
Jackson, Mississippi 39215-1850  
Or e-mail Stephen Rone  
[srone@mdot.ms.gov](mailto:srone@mdot.ms.gov)

**III. Intent of the COMMISSION**

The intent of the **COMMISSION** is to award an Indefinite Delivery / Indefinite Quantity (IDIQ) Master Contract(s) to CONSULTANT(s) to provide the services specified herein. This document does not and is not intended to include or address every item that will be included or addressed in the contract for consulting engineering services.

**IV. The Selection Process**

Selection of CONSULTANT(s) will be based on the criteria established in this RFP and/or any addenda. CONSULTANT(s) **shall not** submit any cost or price information with their PROPOSALS. CONSULTANT(s) for this RFP should submit complete PROPOSALS sufficient for final selection of the most qualified firm(s). The MDOT will then select the most qualified firm(s) based on the criteria. The **MDOT** reserves the right to select the CONSULTANT(s) for award of an IDIQ Master Contract using the following method:

- Final ranking of all PROPOSALS based on the initial response to this RFP.

Once the most qualified firm(s) are selected and awarded an IDIQ Master Contract by the COMMISSION, the MDOT will provide the IDIQ Master Contract for the selected CONSULTANT(s) to execute based on the description of work established in this RFP and/or any addenda. If the selected CONSULTANT(s) do not execute the contract or are unable to meet any contractual requirements within 30 days of receipt, then MDOT may select the next most qualified firm on the selection list until an IDIQ Master Contract has been executed.

Selected CONSULTANT(s) may then be assigned Work Assignments throughout the IDIQ Master Contract term. Work Assignments will be assigned based on MDOT's standard operating procedures. In addition, selected CONSULTANT(s) may also be considered by Local Public Agencies (LPAs) during their selection procedures in accordance with the "Local Public Agency Consultant Operating Procedures for Professional Services."

The MDOT reserves the right to request additional information with any party at any time prior to final contract execution.

The MDOT reserves the right to obtain references from any source listed in the PROPOSAL and any other source deemed appropriate for any of the requirements/criteria listed in this RFP.

## V. Type of Contract

The terms of an IDIQ Master Contract for each selected CONSULTANT will not exceed five (5) years with an estimated maximum contract amount of up to five (5) million dollars; however, MDOT may elect to execute a contract for a shorter time period and/or a lesser "not to exceed" amount. MDOT may select up to ten (10) CONSULTANT(s) to be awarded an IDIQ Master Contract; however, MDOT reserves the right to select a lesser amount. The IDIQ Master Contract will utilize **cost plus fixed fee, labor hour/unit cost or lump sum/firm fixed price Work Assignments to include a maximum "not to exceed" amount\* for any federally funded projects.** The IDIQ Master Contracts and associated Work Assignments will include all appropriate federal contract provisions in accordance with 49 CFR Part 18, and 23 CFR 172 as revised. The IDIQ Master Contract and associated Work Assignments will provide general terms and conditions for performance of services, as well as specific instructions for fees, billing, payment, and other related items.

The execution of an IDIQ Master Contract is no assurance that any Work Assignment will be assigned to the CONSULTANT or that the parties will enter into Work Assignment(s). If a Work Assignment is assigned to the CONSULTANT, costs may be negotiated at a fair and reasonable price. Direct expenses may also be reimbursable.

An example of a typical MDOT engineering services contract template may be found on the website at the web link indicated below. The template will be identified as "Engineering Services IDIQ Master Contract Template."

[https://mdot.ms.gov/portal/consultant\\_services\\_unit\\_documents#c1427](https://mdot.ms.gov/portal/consultant_services_unit_documents#c1427)

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\* All Consultant and subconsultant firms, shall comply with the AASHTO Uniform Audit & Accounting Guide – 2016 edition (as revised), unless specifically authorized otherwise by MDOT. Information regarding this guide may be found at <http://audit.transportation.org/>

All written questions regarding this contract template shall be e-mailed to the below addressees no later than **the date and time indicated in Part 1, Section XXIII. Procurement Schedule.**

Stephen Rone  
[srone@mdot.ms.gov](mailto:srone@mdot.ms.gov)  
and copy (Cc)  
Maggie Brown  
[mabrown@mdot.ms.gov](mailto:mabrown@mdot.ms.gov)

MDOT may update this contract template throughout the procurement process. MDOT intends to post the final contract template for this PROJECT to the website indicated above no later than **the date indicated in Part 1, Section XXIII. Procurement Schedule.** Contract terms after this date are non-negotiable; however, MDOT reserves the right to modify the contract terms at its discretion.

The **COMMISSION** intends to utilize this template in order to execute a contract with the selected CONSULTANT(s).

#### **VI. Rejection of PROPOSALS and/or Discontinuance of Contract Execution**

The **COMMISSION** reserves the right to reject any and all PROPOSALS and/or to discontinue the execution of any IDIQ Master Contract or Work Assignment with any party at any time.

#### **VII. Costs Incurred by CONSULTANT Prior to Execution of a Contract**

The **COMMISSION** shall not be liable for any costs incurred by any CONSULTANT prior to the execution of an IDIQ Master Contract or Work Assignment by all parties. Furthermore, the **COMMISSION** shall not be liable for any costs incurred by the CONSULTANT under any Work Assignment prior to the effective date of the MDOT Project Director's Notice to Proceed for that Work Assignment.

#### **VIII. Addenda to and/or Questions about the RFP**

Only written requests by e-mail to the below addressees will be considered.

Stephen Rone  
[srone@mdot.ms.gov](mailto:srone@mdot.ms.gov)  
and copy (Cc)  
Maggie Brown  
[mabrown@mdot.ms.gov](mailto:mabrown@mdot.ms.gov)

No requests for additional information or clarification directed to any other MDOT office, consultant, or employee will be considered. All responses to written questions and addenda will be in writing and will be posted to the MDOT website indicated below:

[https://mdot.ms.gov/portal/legal\\_advertisements](https://mdot.ms.gov/portal/legal_advertisements)

CONSULTANTs shall be solely responsible for checking the website for updates. The MDOT will not be responsible for any oral exchange or any exchange of information that occurs outside the official process specified herein.

All written questions shall be e-mailed to the above addressees no later than **the date and time indicated in Part 1, Section XXIII. Procurement Schedule.**

MDOT intends to post written answers for this RFP to the website indicated above no later than **the date and time indicated in Part 1, Section XXIII. Procurement Schedule.**

### **IX. Pre-proposal Meeting**

A pre-proposal meeting will not be held for this RFP.

### **X. CONSULTANT Submission**

To be considered, **seven (7) copies and one (1) CD/flash drive containing electronic PDF file(s)** of the CONSULTANT's PROPOSAL must be received by **the date and time indicated in Part 1, Section XXIII. Procurement Schedule.** at the office of the MDOT Consultant Services Unit, addressed to Stephen Rone, 10th floor, Mississippi Department of Transportation Building, 401 North West Street, Jackson, Mississippi 39201.

PROPOSALS received after this date and time may be deemed non-responsive.

### **XI. PROPOSALS**

To be considered, CONSULTANT(s) must submit a complete response to this RFP and any addenda, addressing those requirements provided in Part 2 of this RFP. No other distribution of PROPOSALS should be made by the CONSULTANT. **The original and all required copies of the PROPOSAL should be signed by an official authorized to bind the CONSULTANT to its provisions.**

The CONSULTANT should mark any and all pages of the PROPOSAL considered to be proprietary information which may remain confidential in accordance with Mississippi Code Annotated 25-61-9 and 79-23-1 (1972, as amended). Each page of the PROPOSAL that the CONSULTANT considers trade secrets or confidential commercial or financial information should be on a different color of paper than non-confidential pages and be marked in the upper right hand corner with the word "CONFIDENTIAL." Failure to clearly identify trade secrets or confidential commercial or financial information will result in that information being released subject to a public records request.

### **XII. Economy of Preparation**

PROPOSALS should be prepared simply and economically, providing a straightforward, concise description of the CONSULTANT's ability to meet the requirements of the RFP and any addenda.

### **XIII. Prime Consultant Responsibilities**

Each selected CONSULTANT will be required to assume responsibility for all services offered in the PROPOSAL whether or not these services are produced directly by the CONSULTANT or through subconsultant(s). Furthermore, the COMMISSION will consider the CONSULTANT selected to be the sole point of contact with regard to contractual matters, and the MDOT retains the right to approve or disapprove all proposed subconsultant(s). CONSULTANT(s) responding to this RFP should identify all proposed partners and subconsultant(s).

Any partners and subconsultants are to remain for the duration of the contract, and changes cannot be made without prior MDOT approval. Modifications of partner(s) and subconsultant(s) are discouraged and are subject to MDOT's approval. MDOT will not approve requests for modification without justification to MDOT's satisfaction.

Under no condition will the selected CONSULTANT be allowed to sublet or subcontract more than 60% of the work required under the contract. It is clearly understood and agreed that specific projects or phases of the work may be sublet or subcontracted in their entirety provided that the selected CONSULTANT performs at least 40% of the overall contract with its own forces.

The selected CONSULTANT must be registered with the Mississippi Secretary of State's Office to do business in the State of Mississippi prior to contract execution. Failure to comply with this requirement within 30 days of selection notification may result in failure to execute a contract with the selected CONSULTANT. MDOT may then reject the selected CONSULTANT for the duration of this process and negotiate an IDIQ Master Contract with the next most qualified CONSULTANT on the list until the contract has been executed. Additional requirements may apply as identified in Part 2 of this RFP.

### **XIV. Disclosure of PROPOSAL Contents**

All materials submitted in response to this RFP shall become the property of the COMMISSION and may be returned only at the COMMISSION's option. All information submitted in response to this RFP shall be subject to disclosure under the Mississippi Public Records Act and any other applicable law.

### **XV. Nondiscrimination Requirement**

By submitting a response to this RFP, the CONSULTANT agrees that it understands that the COMMISSION is an equal opportunity employer. It is the policy of the COMMISSION to comply with all applicable portions of Title VI of the Civil Rights Act of 1964, which prohibits unlawful discrimination based on race, color, creed, sex, age, national origin, physical handicap, or disability. The proposed contract will require that the CONSULTANT and all subconsultant(s) agree to strictly adhere to this policy in all employment practices and provision of services.

In the event the CONSULTANT performs work for the COMMISSION that involves the selection of a site or location of a facility, the CONSULTANT shall utilize criteria or methods of selection which consider the impacts and benefits of the facility on persons without discrimination because of their race, color, religion, sex or national origin. The criteria and methods shall be designed to include proactive measures

for obtaining citizen participation from persons of all applicable races, colors, religions, sexes and national origins.

**XVI. Disadvantaged Business Enterprise (DBE) Goal**

The MDOT is committed to provide for full participation by Disadvantaged Business Enterprises (DBEs) in contracting opportunities available through this IDIQ Master Contract, to the greatest extent practical. DBE goals may be applied to a Work Assignment at MDOT’s discretion. In the event that a DBE goal is required on an individual Work Assignment, MDOT approval of the DBE subconsultant(s) will be required.

CONSULTANT(s) may visit MDOT’s website, [www.gomdot.com](http://www.gomdot.com), to view a complete list of Certified DBE Firms which have been certified as such by the Mississippi Department of Transportation and other Unified Certification Partners (UCPs). The DBE firm must be on the Department’s list of “Certified DBE firms” as listed on MDOT’s website, [www.gomdot.com](http://www.gomdot.com), and approved by MDOT to perform the classification of work to count towards meeting the DBE goal.

**XVII. Notification of Selected CONSULTANT(s)**

The selected CONSULTANT(s) will be notified in writing of their status by MDOT. The CONSULTANT(s) whose PROPOSALS are not selected will be notified in writing of the name of the selected CONSULTANT(s) at the same time.

**XVIII. Debriefing Request(s)**

If a CONSULTANT opts to request a debriefing following the announcement of the selected CONSULTANT(s), the CONSULTANT shall send an e-mail to the below addressees within two (2) weeks of the date of the notification letter of the selected CONSULTANT(s). Any debriefings shall have no more than two (2) CONSULTANT representatives present and shall be limited to the merits of the individual CONSULTANT’s PROPOSAL.

Stephen Rone  
[srone@mdot.ms.gov](mailto:srone@mdot.ms.gov)  
and copy (Cc)  
Maggie Brown  
[mabrown@mdot.ms.gov](mailto:mabrown@mdot.ms.gov)

**XIX. Contract Administration**

The CONSULTANT’s contract will be administered by the MDOT. All payments will be made to the contracted prime CONSULTANT(s) by the MDOT. The prime CONSULTANT will be responsible for all payments to its partners and/or subconsultant(s).



## **XX. Conflict of Interest**

CONSULTANTS shall provide information concerning potential conflicts of interest and disclose all relevant facts concerning any past, present, or currently planned interests which may present a conflict of interest. Examples of potential conflicts of interest include relationships or situations which would impair the CONSULTANT's judgment on the job, impair the ability to perform, or allow the CONSULTANT an unfair competitive advantage. The CONSULTANT shall state how its interests or those of its chief executives, directors, individuals, or subconsultants for this contract may result in, or could be viewed as, a conflict of interest. Furthermore, the CONSULTANT shall describe actions taken, or proposed to be taken, to mitigate stated conflicts or potential conflicts.

The responsibility of the CONSULTANT to disclose a conflict of interest if one is discovered is ongoing, prior to award and throughout the contract period. The CONSULTANT agrees that, if a conflict of interest is discovered, the CONSULTANT must make an immediate and full disclosure to MDOT that includes a description of the action that the CONSULTANT has taken or proposes to take to avoid or mitigate such conflict.

**If no potential conflict of interest exists, the CONSULTANT should indicate so in the cover letter to the PROPOSAL.**

## **XXI. Suspension and Debarment**

**The Prime CONSULTANT shall ensure that it and any subconsultants are not suspended or debarred as specified in 2 CFR 1200 and 2 CFR 180.**

## **XXII. Key Personnel Modifications**

Key Personnel, as identified in the organizational chart, are to remain for the duration of the contract and changes cannot be made without prior MDOT approval. Modifications of Key Personnel are discouraged. MDOT will not approve requests for modification without justification. Examples of justification include death of a Key Personnel, changes in employment status, bankruptcy, inability to perform, organizational conflict of interest, or other such significant cause. In order to secure MDOT's approval prior to execution of the contract, the CONSULTANT shall e-mail the below addressees:

Stephen Rone  
[srone@mdot.ms.gov](mailto:srone@mdot.ms.gov)  
and copy (Cc)  
Maggie Brown  
[mabrown@mdot.ms.gov](mailto:mabrown@mdot.ms.gov)

The request shall include:

- A. The nature of the desired change;
- B. The reason for the desired change;
- C. A statement of how the desired change will meet the required qualification for the position/responsibility; and

D. A copy of the individual's resume for review.

MDOT will review the justification and resume of the Key Personnel and determine whether the modification is appropriate and notify the CONSULTANT. Failure to receive approval for any modification in personnel may result in termination of negotiations.

**XXIII. Procurement Schedule**

The following schedule identified below lists the projected dates for the procurement of this IDIQ Master Contract.

<b>Procurement Schedule</b>	
Advertisement dates for legal notice	July 21 <sup>st</sup> and July 28 <sup>th</sup> , 2021
Deadline for CONSULTANTS' written questions	August 4 <sup>th</sup> , 2021, 5:00 p.m.
*Answering of written questions/ posting of final contract template	*August 11 <sup>th</sup> , 2021
Deadline for delivery of PROPOSALS	August 19 <sup>th</sup> , 2021, 5:00 p.m.
*Selection of qualified CONSULTANT(s)	*December 2021

**\*Approximate dates only**

Note: All times are Central Time.

**PART 2:  
INFORMATION REQUIRED/SELECTION CRITERIA**

**I. Format for PROPOSAL**

To be considered, the PROPOSAL must respond to all requirements of this RFP, the Legal Ad, and any addenda. The PROPOSAL length should not exceed 15 pages, which includes the CONSULTANT's summaries and introductions, team organizational chart, past performance information, and any other responses to the evaluation criteria indicated in Part 2, Section III of this RFP. Information within the 15-page limit should be complete and sufficient in scope for the selection committee to evaluate the CONSULTANT. **Failure to comply with the 15-page limit for this information may result in excess portions of the CONSULTANT's PROPOSAL being excluded from consideration.**

The cover letter, table of contents, and appendices will not count against the 15-page limit. The resumes (which should not exceed two pages per individual in length), Standard Form (SF) 330 Part II, proof of state licensure and certification requirements, and any information not relevant to the requirements or criteria should be included in the appendices.

Pages should be numbered, single-spaced, one-sided, 8.5 inches by 11 inches with margins of at least one inch on all four sides. No more than five pages may be 11 inches by 17 inches, but they will count as two sheets each against the 15-page limit. Tabs are recommended and are not counted against the 15-page limit. All text should be shown in a readable font, preferably size 12-point or larger. Headers, footers, charts, and other graphics may be provided in a different font type and size providing they are legible.

The overall quality of the PROPOSAL will be evaluated. This will include, but will not be limited to, overall layout and readability of the submittal, organization and comprehensiveness of the content, conformance with formatting guidelines above, and any other characteristics of the PROPOSAL that impact the quality of the document. CONSULTANTS are encouraged to thoroughly address and adhere to the RFP for the highest-quality PROPOSAL. Failure to provide any of the information in the appropriate location indicated or adhere to the requirements and guidelines in the RFP may adversely affect the CONSULTANT's score.

**II. Requirements and Instructions for PROPOSAL submission**

CONSULTANT(s) interested in providing these services may indicate so by furnishing MDOT with **seven (7) copies and one (1) CD/flash drive containing electronic PDF file(s)** of a PROPOSAL as referenced in Part 1, Section X of this RFP. The CONSULTANT should divide their PROPOSAL into the following sections as listed below, clearly separated by tabs; however, resumes, certifications/licenses, SF 330 Part II, and other information not relevant to these requirements and/or guidelines should be included in the appendices as indicated above. **CONSULTANTS should address each of the following categories in their PROPOSAL in the same order as listed below.** MDOT reserves the right to obtain references from any source listed in the PROPOSAL and any other source deemed appropriate for any of the information listed in this RFP. The quality of the PROPOSAL will

be considered when evaluating the CONSULTANT's PROPOSAL. The PROPOSAL should provide at a minimum the following information:

#### **A. Provide a Cover Letter**

The CONSULTANT should provide a cover letter (which should not exceed two pages in length) specifying the following information:

- ✓ the description of the IDIQ Master Contract as referenced in this RFP;
- ✓ the name of the prime CONSULTANT and any of its subconsultant(s), along with the roles/responsibilities of each firm;
- ✓ the name of the individual who will be the single point of contact throughout the selection process;
- ✓ the name of the Project Manager; and
- ✓ the location and address of the managing office.

**In addition, the CONSULTANT shall provide information concerning potential conflicts of interest as referenced in Part 1, Section XX of this RFP. If no potential conflict of interest exists, the CONSULTANT should indicate so in the cover letter to the PROPOSAL. \*The CONSULTANT should provide proof that the engineering firm has met state licensure and certification requirements in the appendix. The CONSULTANT must note if this is a joint venture. If selected, a joint venture must meet all contract requirements as a joint venture, including insurance requirements.**

#### **B. Past Experience**

The CONSULTANT and any subconsultant(s) should provide a description of contracts for similar work performed during the past five (5) years which qualifies the CONSULTANT and any subconsultant(s) for this work. Contracts completed during the past five (5) years are preferred. If the contract is an IDIQ Contract, the CONSULTANT and any subconsultant(s) should provide a description of relevant Work Assignment(s) under that IDIQ Contract. **This contract description should include the work related to the Project Description established in Part 3 of this RFP.** The CONSULTANT and any subconsultant(s) should provide the following information at a minimum for each contract, including Work Assignment(s):

- ✓ a description of the contract, including the role/responsibility of the CONSULTANT;
- ✓ indicate any work listed in the contract that was subcontracted and/or assigned to other firms;
- ✓ the amount of the CONSULTANT's contract for the work they provided;
- ✓ the date the CONSULTANT's contract was initiated;
- ✓ the CONSULTANT's scheduled completion date in accordance with the progress schedule;
- ✓ the date the CONSULTANT completed the work in accordance with the contract;

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\* Miss. Code Ann Sections 73-13-1 through 73-13-45 (1972) (as amended) govern the practice of engineering in Mississippi. Firms are encouraged to contact the Mississippi Board of Licensure for Professional Engineers and Surveyors at (601) 359-6160 to ensure that individuals and firms are qualified to offer and provide services in the State of Mississippi. The Board's web address is [www.pepls.state.ms.us](http://www.pepls.state.ms.us).

- ✓ if the CONSULTANT's contract was not completed on time, provide justification (if any); and
- ✓ the name and contact information of the client and the client's representative who can verify and discuss the contract.

### C. Description of Staff, Organizational Chart, and Resumes

The CONSULTANT(s) should propose an appropriate and efficient quantity and quality of staff to ensure the successful completion of all work established in Part 3 of this RFP with limited MDOT support. The following information should be included in this section unless specifically stated otherwise:

1. The CONSULTANT should provide a team organizational chart that identifies Key Personnel and other relevant employees of the CONSULTANT and any subconsultant(s) for this contract as indicated below (Part 2, Section II.C.2). Key Personnel include the Project Manager. **The team organizational chart should include each individual's name, job description (for this contract), company of employment, and primary office location.** In addition, the organizational chart should be arranged in accordance with the tasks outlined in Part 3 of this RFP. The organizational chart should be tabbed and clearly defined.
2. The CONSULTANT should include the following specific information for the Key Personnel and other relevant employees listed below and reference all individuals in the organizational chart:
  - a. **Project Manager** – MDOT prefers that the CONSULTANT's Project Manager be on the permanent staff of the prime CONSULTANT. The Project Manager will be responsible for overall project oversight. Activities of the Project Manager will include but will not be limited to establishing and administering controls to ensure the quality of deliverables, monitoring the project status, developing (with MDOT) and maintaining a detailed project work plan and schedule, and providing status reports to MDOT as requested.
    - i. The CONSULTANT should provide a written summary indicating why the individual serving as the Project Manager would be the best candidate for this contract and describe how they will be engaged in this contract.
    - ii. The CONSULTANT should describe up to three (3) similar contracts that the Project Manager has managed (completed contracts are preferred) in the last five (5) years. The description should include, at a minimum, the following information:
      - ✓ the role and the level of work provided by the Project Manager;
      - ✓ the name of the firm with which the Project Manager was employed for the contract;
      - ✓ the date that the Project Manager's firm initiated the contract for the project;
      - ✓ the date the work was completed in accordance with the firm's contract;
      - ✓ if the contract was not completed on time, provide justification (if any); and

✓ the firm's contract amount.

iii. **The PROPOSAL should include proof that the Project Manager is licensed as a Mississippi Professional Engineer\* in the appendix.**

b. **Other Relevant Employees** – Other relevant employees include any additional staff members of the CONSULTANT and subconsultant(s) who will be utilized to perform any other services in accordance with the Project Description established in Part 3 of this RFP.

i. The CONSULTANT should **provide a chart** summarizing the roles, responsibilities, years of experience, and relevant certifications for each employee relative to the services listed in the Project Description established in Part 3 of this RFP. An example template is included as Appendix A to this RFP.

3. Resumes for all Key Personnel and other relevant employees as listed above and in the team organizational chart should be included in the appendix. Resumes (which should not exceed two pages per individual in length) should reflect qualifications and recent experience relevant to the Project Description established in Part 3 of this RFP. Any additional certifications/licenses should be included in the appendices.

4. Copies of any licenses/certifications (MS Professional Engineer license, etc.) of the staff as listed on the organizational chart that may prove advantageous to performing the services established in Part 3 of this RFP should be provided in the appendices.

#### **D. Laboratory Accreditation and Qualifications**

The CONSULTANT (and any subconsultants) should provide a summary of any relevant laboratory accreditations and qualifications that may be pertinent for this contract. The CONSULTANT (and any subconsultants) should identify the laboratory's location, address, and accreditation details. At a minimum, the team should maintain accreditations from AASHTO. Any additional accreditations, including any MDOT accreditations, may prove advantageous in the scoring of the PROPOSAL.

#### **E. Capabilities (Resources and/or Equipment)**

The CONSULTANT should list all resources and/or equipment owned by any team members that may be deemed advantageous to performing the services listed in Part 3 of this RFP. The CONSULTANT should list the resources and/or equipment and the team member who owns the equipment. MDOT prefers that the Prime CONSULTANT have the capability to perform all tasks listed under the Routine Services established in Part 3 of this RFP.

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\* Miss. Code Ann Sections 73-13-1 through 73-13-45 (1972) (as amended) govern the practice of engineering in Mississippi. Firms are encouraged to contact the Mississippi Board of Licensure for Professional Engineers and Surveyors at (601) 359-6160 to ensure that individuals and firms are qualified to offer and provide services in the State of Mississippi. The Board's web address is [www.pepls.state.ms.us](http://www.pepls.state.ms.us).

#### **F. Location/ Proximity of CONSULTANT's Office(s)**

In addition to providing the location and address of the managing office (as indicated in the Cover Letter), the CONSULTANT should also provide any other office locations (including addresses) where any work may take place. If subconsultant(s) will be provided, the CONSULTANT should identify their office location(s) where work may be provided.

#### **G. Part II of Standard Form (SF) 330, Architect-Engineer Qualifications**

The CONSULTANT should provide Part II of SF 330, Architect-Engineer Qualifications. If a CONSULTANT has branch offices, complete the form for each specific branch office seeking work. In addition, this form should be completed for any subconsultant(s) in the same manner. This form can be obtained at the following web address:

[https://mdot.ms.gov/documents/Consultant%20Services/Forms/Standard%20Form%20\(SF\)%20330,%20Part%20II.pdf](https://mdot.ms.gov/documents/Consultant%20Services/Forms/Standard%20Form%20(SF)%20330,%20Part%20II.pdf)

This Form should be provided in the appendix.

### **III. CONSULTANT Selection Criteria**

All responsive PROPOSALS received from CONSULTANT(s) will be reviewed and evaluated by the selection committee based on the selection criteria listed below. The criteria are listed in order of their relative importance to the selection committee.

- A. CONSULTANT's (and any subconsultants') past experience, performance, and qualifications on similar projects related to services identified in Part 3 of this RFP with MDOT and/or other clients;
- B. Experience, performance, and qualifications of the proposed Key Personnel;
- C. Experience, performance, and qualifications of the other relevant employees related to services identified in Part 3 of this RFP;
- D. CONSULTANT's (and any subconsultants') laboratory accreditation and qualifications;
- E. CONSULTANT's (and any subconsultants') capabilities (resources and/or equipment);
- F. Location/proximity of the CONSULTANT's (and any subconsultants') office(s); and
- G. Quality of PROPOSAL.

## **PART 3: PROJECT DESCRIPTION**

The CONSULTANT will provide Geotechnical Engineering Services, statewide. This IDIQ Master Contract will primarily consist of providing bearing determination of pilings, landslide/slope failure remediation design, and geotechnical investigations.

The geotechnical engineering services include, but are not necessarily limited to, the following:

### **ROUTINE SERVICES**

#### **1. Bearing Determination of Piling**

- PDA Field Data Collection and Data Reduction (CAPWAP and WEAP)

#### **2. Landslide/Slope Failure Remediation Design**

- Provide recommendations and final drawings for subsurface drainage, surface drainage, retaining wall, ground anchor, soil nail, buttress, and/or other stabilization feature design and layout

#### **3. Geotechnical Investigations**

- Subsurface investigations consisting of borings on land
- Undisturbed Sampling
- Standard Penetration Testing (Disturbed Sampling)
- Cone Penetrometer (CPT) Soundings
- Laboratory testing of disturbed and undisturbed samples
- Engineering analyses
- Geotechnical Site Investigation Report, which contains the results of the subsurface field investigation, seismic site classification, recommended response spectra, liquefaction potential assessment, laboratory testing, and preliminary bridge and/or wall foundation recommendations
- Geotechnical design including geotechnical seismic design of bridge and/or retaining wall foundations, embankments, and/or slopes
- Preparation of necessary plan sheets and special provisions for inclusion into the final construction plans
- Geotechnical Substructure Report, which contains results of all structure-specific engineering analyses, conclusions and recommendations, and all supporting data



## **NON-ROUTINE SERVICES**

### **1. Geotechnical Investigations**

- Subsurface Investigations Consisting of Borings Over Water

### **2. Geophysical Testing for Geotechnical Investigations**

- Shear Wave Velocity Profiling
- Electrical Resistivity (ERI)
- Ground Penetrating Radar (GPR)
- Multichannel Analysis of Surface Waves (MASW)
- Other Geophysical Investigation Methods

### **3. Bearing Determination of Piling**

- Static Load Test of Piling Including Setup, Monitoring, and Analysis

### **4. Drilled Shaft Construction Inspection and Bearing Determination**

- Load Test of Drilled Shafts Including Setup, Monitoring, and Analysis
- Crosshole Sonic Logging (CSL)
- Thermal Imaging Profiler (TIP)
- Gamma-Gamma Logging (GGL)

### **5. Geospatial and Remote Sensing for Geotechnical**

- LiDAR (Terrestrial and UAV)
- Photogrammetry

### **6. Roadway Subgrade and Embankment Stabilization**

- Provide Recommendations for Roadway Subgrade/Embankment Stabilization

In addition, CONSULTANTS may be asked to provide document development and/or policy and procedure review for MDOT.

Services shall comply with the current version of the following publications:

- A. *Mississippi Standard Specifications for Road and Bridge Construction*;
- B. *AASHTO LRFD Bridge Design Specifications*;
- C. *AASHTO Guide Specifications for LRFD Seismic Bridge Design*;
- D. *AASHTO LRFD Specifications for Structural Supports for Highway Signs, Luminaires and Traffic Signals*;
- E. *AASHTO LRFD Bridge Construction Specifications*;
- F. *AASHTO Standard Specifications for Highway Bridges*;
- G. *AASHTO Manual on Subsurface Investigations*;
- H. FHWA Geotechnical Engineering Circulars; and
- I. Any other applicable publications listed in Exhibit 8, or as instructed by MDOT.

All plan sheets, including additions and revisions, should be developed with MicroStation V8i (Version SS4, or later).

**APPENDIX A: EXAMPLE TEMPLATE  
OTHER RELEVANT EMPLOYEE CHART**

<b>Personnel</b>	<b>License(s)</b>	<b>Role</b>	<b>Years of Experience</b>	<b>RFP Part 3, service 1</b>	<b>RFP Part 3, service 2</b>	<b>RFP Part 3, service 3</b>	<b>RFP Part 3, service 4</b>	<b>RFP Part 3, service 5</b>	<b>Etc.</b>
Name 1	PE, PS	Assistant Project Manager	25			•	•	•	
Name 2	PE, PS	Roadway Design	10	•			•		
Name 3	PS	Surveying	5	•	•	•			
Name 4	PE	Geotechnical Investigations	10			•	•		
Name 5	PE	Feasibility and Planning Studies	15					•	
Name 6	PE	Bridge Design	20	•	•	•		•	
Etc.									