

REQUEST FOR PROPOSAL

ON CALL STATEWIDE PAVEMENT CONSULTING

RFP No. MAT20180604

Date: JUNE 04 2018



EXECUTIVE SUMMARY

Virginia Department of Transportation (VDOT) has a requirement for consulting engineering services as described below. Please provide an Expression of Interest (EOI) in accordance with the attached solicitation.

Service Needed: **RFP: 20180604**– On call Statewide Pavement Consulting

Type of Contract: Limited Services Term Contract

Value: \$2,000,000

Performance Period: Two-year limited services term contract with two (2) optional one-year renewable terms

EOI Requirements / Instruction to Proposer can be found in: Expression of Interest Volumes I & II Section

DBE/SWaM Goal: VDOT believes that these services support **10%** DBE participation

Anticipated Procurement Schedule follows*:

- | | |
|---|------------------------------|
| - Expression of Interest Due Date and Time | 06/26/2018 at 2:00 PM |
| - Short List Posted on the VDOT Website | 07/24/2018 |
| - Interviews/Technical Presentations | 08/02/2018 |
| - Final Consultant Selection | 08/16/2018 |
| - Selected Consultant Pre-Award Documents Due | 08/30/2018 |
| - Consultant Contract Signed | 10/18/2018 |

***The Department reserves the right to adjust procurement schedule as needed.**

EOI Due Date: **Tuesday, June 26, 2018, 2:00 p.m.** Eastern Standard Time. Submission detail can be found in the **Administrative Section, Item 6, Electronic EOI submittals for this EOI.**

Procurement Point-of-Contact: All procurement related questions or information should be directed to Nishant Patel at 804-371-0945 or Nishant.Patel@Vdot.Virginia.Gov

GENERAL

The Virginia Department of Transportation is seeking expressions of interest from consulting pavement engineering firms who wish to be considered to provide professional engineering services for pavement design and evaluation on an on-call basis throughout the Commonwealth of Virginia.

The proposed two-year limited services term contract with two (2) optional one-year renewable terms will have a maximum value of \$2,000,000 per term.

The Department anticipates, but does not guarantee awarding multiple contracts to more than one, but not to exceed 2 qualified prime consultant firms as a result of this Request for Proposal. The contracts will be negotiated and awarded in accordance with the procedure set forth in the current Manual for the Procurement & Management of Professional Services at the time of advertisement.

The Department reserves the right to accept or reject any or all proposals received as a result of this request, to negotiate with any qualified firm or to modify or cancel in part or in its entirety the Request for Proposal if it is in the best interest of the Department to do so. This Request does not commit the Department to provide any payment for costs associated with the preparation of proposals submitted in response to this Request for Proposal.

The Department reserves the right to alter the project delivery method at any time during the contract period. The Department will notify the consultant of such decision, revise the scope of services and respective man-hours. The change will be implemented utilizing an additional task order or supplemental agreement based on the contract type.

In response to this Request for Proposals, firms submitting an Expression of Interest as a Prime Consultant shall not serve as a sub-consultant on any other team that includes any of the same team member's firms in which they are the Prime.

CONFIDENTIALITY

The Consultant and its employees while providing services under the subject contract may have access to sensitive records and/or information, by virtue of working on a project or being co-located with VDOT. These records and/or information are to be considered confidential and proprietary; VDOT is the owner and custodian of this information. Any information and/or records that the Consultant has access to while providing services under this contract, shall be held in confidence and shall not be used other than for the purposes of providing services to VDOT under this Contract. The Consultant and its employees shall not engage in any activities that may give the Consultant any competitive advantage for future contracts or that may cause a real or perceived conflict of interest. All Consultant employees co-located with VDOT at any VDOT offices, or a project office, irrespective of the period of co-location, shall sign the Confidentiality Certification (to be provided by VDOT).

Unless ordered by a court of competent jurisdiction, or demanded by the Virginia Attorney General's Office, or otherwise required by law, the Consultant and its employees shall not divulge any confidential information to any entity or person outside of VDOT, including but not limited to the media, or any member of the public, without the prior permission of VDOT. Confidential information exchanges may have to be conducted as necessary and appropriate between the project team and VDOT to perform assigned tasks under the subject Contract; provided that the Consultant and its employees shall only communicate such information with individuals who are similarly obligated to VDOT under a confidentiality agreement and/or certification.

In the event of any unauthorized disclosure of such confidential information, VDOT reserves the right to take any necessary actions including but not limited to terminating the subject contract and precluding the Consultant and its employee(s) from working on any existing and/or future contracts with VDOT.

CONFLICT OF INTEREST:

The change in a project delivery method for this contract may result in a potential conflict of interests for the consultant and any of its team members. As such, the scope of services and their role may be revised and redefined to meet the project need as identified by the Department. The consultant and its team members may not be allowed to participate in ANY subsequent contracts (design and/or construction) related to this project. The Conflict of Interest determination will be made in accordance with the Department's policy. The policy is available at:

<http://www.virginiadot.org/business/resources/LocDes/IIM-APD-2.pdf>

SCOPE OF WORK

The scope of work shall consist of pavement evaluation and design engineering services including geotechnical investigation, laboratory testing services, pavement investigation and non-destructive testing, specific expertise in the areas of asphalt and concrete pavement construction, pavement rehabilitation design, and other emerging pavement practices such as in-place recycling. Pavement evaluation and design services shall be in accordance with AASHTO Mechanistic-Empirical Pavement Design Guide (MEPDG) as per VDOT MEPDG user manual and Chapter VI of the Manual of Instructions, AASHTO 1993 Guide for Design of Pavement Structures, , and/or the current version of VDOT Pavement Design Guide for Subdivision and Secondary Roads in Virginia. The consultant will also be responsible for the contract administration, management, inspection and coordination of any sub-consultants' or sub-contractors' work, obtaining right of entry and completing utility clearance. The consultant may be required to provide specialized consulting service in the department's MEPDG and in place recycling technology implementation efforts.

Typical project task orders may include (but not limited to) any combination of the following activities:

- Pavement design for new construction and rehabilitation for various pavement types
- Partial or full service pavement investigation on in service pavements involving both destructive (boring, coring etc.) and non-destructive testing (Falling Weight Deflectometer, ground penetrating radar, profile, locked wheel friction measurement, video logging etc.) and rehabilitation analysis
- Any destructive and non-destructive testing (as mentioned above) without performing pavement design or pavement rehab analysis
- Pavement design and/or pavement rehab analysis without performing testing (using Department's provided data and/or assumption)
- Patching survey as part of pavement rehabilitation
- Specific pavement engineering consultation by subject matter experts
- Ride testing using high speed profiler for paving projects on very short notice

Task order may also include specialized services assisting the Department in MEPDG which include but may not be limited to:

- Performing local calibration
- Establishing various MEPDG design input parameters such as materials and traffic characterization
- Developing and/or review documentation related to MEPDG
- Performing literature review and/or survey
- Providing training on MEPDG
- Designs involving MEPDG.

Traffic control is expected to be required for a majority of the task orders which will be the responsibility of the consultant. Traffic control will be in accordance with the latest version of Manual of Uniform Traffic Control Devices and Virginia Work Area Protection Manual. Traffic control items must cover traffic control services (both day and night) for different roadway classes for the items (where necessary) as listed in the provided line items. If the firm does not have in house capability for traffic control, it is required to identify sub-consultant(s) to provide traffic control service in the EOI (Expression of Interest).

A tentative list of the typically expected testing line items is included in APPENDIX A. The team must have the capability to perform these tests (either in-house or through sub-consultants that are part of the team). The line item for any testing must include all equipment and all labor to perform the test, QC/QA and standard reporting. Therefore, there will be no separate payment for any staff time for any testing item (unless otherwise approved by VDOT for special circumstances that needs extensive coordination to set up testing). Operator/technician hours can be paid separately for some tests that require driving on the road (like profiling, FWD testing etc.). Only mileage following VDOT's latest approved mileage rate will

be paid separately for the travel between the consultant's designated office(s) and the job site. However, the department reserves the right to separate equipment rate and staff time for some or all test items if that is deemed to be in the best interest of the department during fee negotiation.

All laboratory testing for this contract shall be performed by a laboratory that is accredited in the applicable AASHTO procedures by the AASHTO Accreditation Program (AAP). For test methods not accredited by AAP, the laboratory must comply with AASHTO R18 (most current edition) and must be approved by the Department at its sole discretion. Provide copies of current certification as part of the Expression of Interest. The certification must identify the tests the laboratory has been approved to complete (Vol. II).

The consultant will be required to install, operate and maintain a project communications network between all project relevant State, Federal and consultant personnel (via server, etc.). The network must provide an effective and efficient means for performing electronic communication (i.e. internet access). This includes, but is not limited to, e-mail communication and the electronic transfer of all types of data files, such as project reports, correspondence, schedules, spreadsheets, CADD drawing files, etc. The consultant must also consider file security and timeliness of the electronic transfers in the design of the system.

This work is to be accomplished utilizing computerized design and drafting systems compatible with the Department's automated design and drafting systems. The Department's roadway design system is GEOPAK\OpenRoads Civil Design Software and the drafting system is MicroStation. This project will be developed utilizing the Department's policies and procedures and FHWA's guidelines.

Labor Classifications Descriptions:

Clerical

Perform the clerical activities irrespective of the duration at the job and/or designation

Technician - I

Perform any or all of the following tasks: lab testing, sample collection, data collection, survey, field investigation etc. This classification will not perform any engineering analysis that will be required by the engineer classification. The position holder would typically possess up to 7 years' experience and would have successfully completed all appropriate VDOT Certification classes (wherever necessary).

Technician - II

Perform any or all of the following tasks: lab testing, sample collection, data collection, survey, field investigation etc. This classification will not perform any engineering analysis that will be required by the engineer classification. The position holder would typically possess more than 7 years' experience and have completed all appropriate VDOT Certification classes (wherever necessary)

Staff Engineer

Have an engineering degree in the respective field. Perform engineering analysis and some activities designated for technician category that may be essential for performing engineering analysis. The position holders would typically have up to 4 years of experience in this classification. The position is preferred to have EIT certification.

Project Engineer

The position is required to have experience of performing the activities designated for staff engineer. The position holder must have VA PE certification in the respective field. The position holder will independently coordinate and perform all work activities.

Senior Engineer

The position holder will be responsible for coordinating and managing all activities for the task order. The position holder must be a VA PE in the respective field and would typically possess at least 10 years of experience in the respective field irrespective of their designation within the company.

Project Manager

The position will manage the overall contract. The position would typically possess a minimum of five years' experience in managing similar type and size projects. The position must meet the requirement for at least senior engineer position irrespective of his/her designation within the company.

EXPRESSIONS OF INTEREST; VOLUMES I AND II

1. The Expression of Interest must be submitted to two separate volumes. Each volume will be submitted by the required due date and time as outlined in this RFP under the Administrative heading, Section 6. Only one cover letter is required to submit both volumes. Each volume must contain the following information as shown in the table below.

(All items shall be on 8 1/2” X 11” and printed on one side with single-spaced type no smaller than 10 point where applicable.)

Volume I - Technical Qualifications Submittal	Volume II - Administrative Requirements Submittal
Table of Contents	Table of Contents
Cover Letter (1 page or less)	Firm Data Sheet
Understanding of Scope of Work (2 pages or less)	DBE Commitment and Confirmation Letter (if applicable)
Standard Form 330 Part I	Present Workload with Department Form
Standard Form 330 Part II	Names and detailed addresses of all affiliated and/or subsidiary companies
Response to RFP Expression of Interest	Certification Regarding Debarment
Present Workload with Department form	Table Matrix containing the requested information (SCC and DPOR registration and license(s)) and Full size copies of VA. SCC and DPOR (firm and key staff)

2. Furnish current SF 330 Part II for each firm involved, and one (1) combined SF 330 Part I for the project team. Please follow the instructions included on the form, unless indicated otherwise within this RFP. (Vol. I)
3. As referenced in SF 330 Part I, Section D (Organizational Chart of Proposed Team), a one page organizational chart showing all firms involved and key personnel assignments and responsibilities is required to be included. (Vol. I, included in SF330)
4. Indicate KEY PERSONNEL ONLY resumes in SF 330 Part I, Section E (Resumes of Key Personnel Proposed for This Contract). Key personnel are defined as those to whom the contract will be assigned and who will be performing the actual management of the work and be responsible for inspection, administrative and design services. Each resume shall be limited to one page per person with a font no less than 10 point. (Vol. I, included in SF330)

Furthermore, all individuals identified as Key Personnel in the EOI shall remain on the Consultant’s Team for the duration of the procurement process and, if the consultant is awarded a contract, the duration of the contract. If extraordinary circumstances require a proposed change, it must be submitted in writing to the Department’s Project Manager for approval, who, at his/her sole discretion, will determine whether to authorize a change. Unauthorized changes to the Consultant’s Team at any time during the procurement process may result in elimination of the Consultant’s Team from further consideration.

5. In SF 330 Part I, Section F (Example Projects Which Best Illustrate Proposed Team's Qualifications for This Contract), limit example projects to no more than ten (10). Each project example shall not exceed one (1) page. (Vol. I, included in SF330)
6. In SF 330 Part I, Section G (Key Personnel Participation in Example Projects), limit example projects to no more than ten (10). The example projects listed in Section G (#29) should match the example project list provided in Section F. (Vol. I, included in SF330)
7. In SF 330 Part I, Section H (Additional Information), the consultant should detail the plan to assure the Department that the staff submitted for evaluation will be available for the services requested by the RFP. Section H of SF 330 Part I is limited to a maximum of ten (10) pages with a font no less than 10 point. This section should describe the organization of the proposed project staff indicating the role of each by individual. If sub-consultants are proposed, the role of each sub-consultant should be discussed. It should also include statements that are responsive to the attached Consultant Short List Score Sheet that will be used to evaluate your submission. This is the **ONLY** section of the submission which may include pictures or graphics (included in the ten page limit). List any computer and CADD equipment and any specialized computer software packages that you will use on this VDOT project. (Vol. I, included in SF330)
8. It is the policy of the Virginia Department of Transportation that Disadvantaged Business Enterprises (DBE) as defined in 49 CFR Part 26 shall have the maximum opportunity to participate in the performance of federally funded consultant contracts. A list of Virginia Department of Small Business and Supplier Diversity (DSBSD) certified DBE firms are maintained on their web site (<http://www.sbsd.virginia.gov/>) under the **DBE Vendor Directory of Virginia Unified Certification Program**. Consultants are encouraged to take all necessary and reasonable steps to ensure that DBE firms have the maximum opportunity to compete for and perform services on the contract, including participation in any subsequent supplemental contracts. If the consultant intends to subcontract a portion of the services on the project, the consultant is encouraged to seek out and consider DBE firms as potential sub-consultants. The consultant is encouraged to contact DBE firms to solicit their interest, capability and qualifications. Any agreement between a consultant and a DBE firm whereby the DBE firm promises not to provide services to other consultants is prohibited. The Department believes that these services support 10% DBE participation.

In accordance with the Governor's Executive Order No. 20, the Virginia Department of Transportation also requires a utilization of Small, Women and Minority (SWaM) Businesses to participate in the performance of state funded consultant contracts. A list of Virginia Department of Small Business and Supplier Diversity (DSBSD) certified SWaM firms is maintained on the DSBSD web site (<http://www.sbsd.virginia.gov/>) under the **SWaM Vendor Directory** link. Consultants are encouraged to take all necessary and reasonable steps to ensure that SWaM firms have the maximum opportunity to compete for and perform services on the contract, including participation in any subsequent supplemental contracts. If the consultant intends to subcontract a portion of the services on the project, the consultant is encouraged to seek out and consider SWaM firms as potential sub-consultants. The consultant is encouraged to contact SWaM firms to solicit their interest, capability and qualifications. Any agreement between a consultant and a SWaM firm whereby the SWaM firm promises not to provide services to other consultants is prohibited.

49 CFR Part 26 requires VDOT to collect certain data about firms attempting to participate in VDOT contracts. This data must be provided on the enclosed Firm Data Sheet.

VDOT is also required to capture DBE and SWaM payment information on all professional services contracts. The successful prime consultant will be required to complete C- 63 form for both state and federally funded projects on quarterly basis.

Any DBE or SWaM firm must become certified (with the Virginia Department of Small Business and Supplier Diversity) prior to your response being submitted. If DBE or SWaM firm is the prime consultant, the firm will receive full credit for planned involvement of their own forces, as well as the work that they commit to be performed by DBE or SWaM sub-consultants. DBE or SWaM prime consultants are encouraged to make the same outreach efforts as other consultants. DBE or SWaM credit will be awarded only for work actually being performed by them. When a DBE or SWaM prime consultant subcontracts work to another firm, the work counts toward DBE or SWaM goals only if the other firm is itself a DBE or SWaM. A DBE or SWaM prime consultant must perform or exercise responsibility for at least 30% of the total cost of its contract with its own force.

DBE or SWaM certification entitles consultants to participate in VDOT's DBE and SWaM programs. However, this certification does not guarantee that the firm will obtain VDOT work nor does it attest to the firm's abilities to perform any particular work.

Business Opportunity and Workforce Development (BOWD) Center - The BOWD Center is a VDOT developmental supportive services program and partnering initiative funded by FHWA for selected DBE firms of various skill and competence levels interested in entering, enhancing or expanding highway contracting opportunities with prime consultants. The partnering initiative between prime consultants and BOWD DBE firms provides the opportunity for the further development of DBE firms through performance on contracts and guidance from prime consultants. The intent of this partnering initiative is to increase capacity by perfecting existing skills and knowledge, expanding into new work areas, and prime consultant joint venturing with DBE firms.

The prime consultants are encouraged to achieve all of the required DBE participation/goals determined for this project by the utilization of BOWD approved firms. To assist consultants in taking advantage of this opportunity for utilization of approved firms, please contact the Department of Small Business and Supplier Diversity (SBSD) for additional information, details, resources and support. The SBSBD can be reached by following the link to their website. <https://www.sbsd.virginia.gov/> (Vol. II)

9. If any firms involved with this submission currently have work with the Department, indicate the projects, the division managing the projects, the amount of outstanding fee remaining, and the estimated date of completion. For limited services term contracts, include only the amount of all tasks orders executed or under negotiation. Also, include your estimated fees for pending supplemental agreements and any projects for which the firms have been selected, but have not executed an agreement. Work of affiliated and/or subsidiary companies is to be included. The outstanding workload of any Virginia Department of Small Business and Supplier Diversity certified DBE or SWaM prime or sub-consultant may be reduced up to \$4 million and the remainder (>\$0) shall be added to the team's total workload. When a DBE or SWaM firm graduates from the program, their workload incurred while a DBE or SWaM may be reduced up to \$4 million for the next three years. All new work obtained after graduating from the program will be counted. Work being performed under the Public Private Transportation Act (PPTA) shall not be included. Work being performed as a prime, joint venture, or sub-consultant on a VDOT Design-Build project shall be included. The outstanding fee remaining is the maximum total compensation payable less the amount previously paid to date. Only Category B work will be counted in the scoring criteria. This information shall be submitted using the attached Present Workload with Department form. Please carefully read the instructions on the Present Workload with Department form. (Vol.I and Vol. II)

10. Give names and detailed addresses of all affiliated and/or subsidiary companies. Indicate which companies are subsidiaries. If a situation arises in responding to this questionnaire where you are unsure whether another firm is or is not an affiliate, doubt should be resolved in favor of affiliation and the firm should be listed accordingly. (Vol.II)

Affiliate - Any business entity which is closely associated to another business entity so that one entity controls or has the power to control the other entity either directly or indirectly; or, when a third party has the power to control or controls both; or where one business entity has been so closely allied with another business entity through an established course of dealings, including but not limited to the lending of financial wherewithal, engaging in joint ventures, etc. as to cause a public perception that the two firms are one entity. Firms which are owned by a holding company or a third party, but otherwise meet the above conditions and do not have interlocking directorships or joint officers serving are not considered affiliates.

A firm (prime) shall not submit more than one Expression of Interest (EOI) in response to this Request for Proposals (RFP). If more than one EOI is submitted by an individual, partnership, Corporation, or any party of a Joint Venture, then all EOIs submitted by that individual, partnership, Corporation, or any party of a Joint Venture shall be disqualified.

11. OMITTED

12. In 3 page(s) or less, please emphasize your qualifications in the following areas: (Vol.I)

- Organizational capabilities & planned approach of handling tasks with VDOT (if selected)
- Citation of some relevant projects
- Experience involving MEPDG implementation with other DOTs
- Experience involving recycling materials, process to include FDR, CIR and CCPR

13. A project approach discussion is neither required nor desired for this project.

14. In addition to the page restrictions listed above, a maximum of 1 additional pages may be included in the Expression of Interest. (Vol. I)

15. Please indicate, by executing and returning the attached Certification Regarding Debarment forms, if your firm, sub-consultant, subcontractor, or any person associated therewith in the capacity of owner, partner, director, officer or any position involving the administration of Federal or State funds:

- Is currently under suspension, debarment, voluntary exclusion or determination of ineligibility by any federal agency.
- Has been suspended, debarred, voluntarily excluded or determined ineligible by any federal agency within the past 3 years.
- Does have a proposed debarment pending; or has been indicted, convicted, or had a civil judgment rendered against it or them by a court of competent jurisdiction in any matter involving fraud or official misconduct within the past 3 years.

Any of the above conditions will not necessarily result in denial of award, but it will be considered in determining offeror responsibility. For any condition noted, indicate to whom it applies, initiating agency, and dates of action. Providing false information may result in Federal criminal prosecution or administrative sanctions. (Vol. II)

16. If the prime consultant or sub-consultant does not have the in-house capability to provide non-professional services, each with an estimated cost of \$5,000 or greater, such as diving services, soil drilling, sampling services or laboratory testing, these services must be subcontracted in accordance with State procurement procedures once a contract is executed, with no DBE or SWaM credit in the selection of the most qualified firm or team. Clearly indicate these services in the EOI. (Vol. I)
17. Each business entity (prime and sub-consultants) on the proposed team who is practicing or offering to practice professional services in Virginia, including, but not limited to, those practicing or offering to practice engineering, surveying, hydrologic and hydraulic analysis, geotechnical analysis and landscape architecture, should provide evidence including full size copies of appropriate commercial professional registrations and licenses for all main and branch offices proposed for this Project, as well as providing full size copies of appropriate individual registrations/licenses for those professional occupations per the requirements listed below. The EOI should convey the requested information by the use of a concise table or matrix. (All full size copies of the Commonwealth of Virginia State Corporation Commission (SCC) and Department of Professional and Occupational Regulation (DPOR) supporting registration documentations should be included in the EOI and will not be counted towards page restriction):
 1. The Commonwealth of Virginia SCC registration detailing the name, registration number, type of corporation and status of the business entity.
 2. For this Project/Contract, the Commonwealth of Virginia DPOR registration information for each office practicing or offering to practice any professional services in Virginia: Provide the business name, address, registration type, registration number, expiration date.
 3. For this Project/Contract, the Commonwealth of Virginia DPOR license information for each of your Key Personnel practicing or offering to practice professional services in Virginia: Provide the name, the address, type, the registration number, and the expiration date. Provide the office location where each of the Key Personnel is offering to practice professional services.
 4. For this Project/Contract, the Commonwealth of Virginia DPOR license information for those services not regulated by the Board for Architects, Professional Engineers, Land Surveyors, Certified Interior Designers, and Landscape Architects (e.g. real estate appraisal): the business name, the address, the registration type, the registration number, and the expiration date.

Failure to comply with the law with regard to those requirements in Virginia (whether federal or state) at the time of the EOI submittal regarding your organizational structure, any required registration with governmental agencies and/or entities, and any required governmental licensure, whether business, individual, or professional in nature may render your EOI submittal(s), in the sole and reasonable discretion of the Department, non-responsive and in that event your EOI submittal(s) may be returned without any consideration or evaluation. (Vol. II)

ADMINISTRATIVE

1. Prior to the time of submittal of the EOI, all business entities, except for sole proprietorships, are required to register with the Virginia State Corporation Commission. Information about entity formation can be found at <https://www.scc.virginia.gov/default.aspx>. Foreign Professional corporations and Foreign Professional Limited Liability Companies (i.e., organized or existing under the laws of a state or jurisdiction other than Virginia) must possess a Commonwealth of Virginia Certificate of Authority from the State Corporation Commission to render professional services. Any business entity other than a professional corporation, professional limited liability company or sole proprietorships that do not employ other individuals for which licensing is required must be registered in the Commonwealth of Virginia with the Department of Professional & Occupational Regulation <http://www.dpor.virginia.gov/>, Virginia Board for Architects, Professional Engineers, Land Surveyors and Landscape Architects (Board). Board regulations require that all branch offices of professional corporations and business entities located in Virginia, which offer or render any professional services relating to the professions regulated by the Board shall be registered as separate branch office with the Board. All offices, including branches, which offer or render any professional service, must have at least one full-time resident professional in responsible charge who is licensed in the profession offered or rendered at that office. All firms involved that are to provide professional services must meet these criteria prior to submitting an Expression of Interest to the Department. Individual engineers shall meet the requirements of Chapter 4, Title 54.1 of the Code of Virginia.
2. The Department will not consider for award any cost proposals submitted by any consultants and will not consent to subcontracting any portions of the contract to any sub-consultants in violation of the provisions of the Federal Immigration Reform and Control Act of 1986, which prohibits employment of illegal aliens.
3. Based upon the procurement and contract schedule, the approved escalation rate for this contract is .75% for year 1 and 1.5% for year 2. Any additional terms authorized for renewal will use the prevailing escalation rate at the time of renewal. Payment for work performed beyond the last term of the contract will remain at the rates of the most recent term renewal.

The method of payment will be actual costs for each project assignment based on fixed billable rates. For purpose of determining the fixed billable rates, an overhead rate shall be established in compliance with cost principles contained in the Federal Acquisition Regulations (FAR) of Part 31 of Title 48 of the Code of Federal Regulations. The overhead rate shall be established by an audit by a cognizant government agency or independent CPA firm.

4. All firms submitting Expressions of Interest (prime consultants, joint ventures and sub-consultants) must have internal control systems in place that meet Federal requirements for accounting. These systems must comply with requirements of 48CFR31, "Federal Acquisition Regulations, Contract Cost Principles and Procedures," and 23CFR172, "Administration of Negotiated Contracts." All architectural or engineering firms selected for a project (prime consultants, joint ventures and sub-consultants) must submit their FAR audit data along with a Contractor Cost Certification for indirect cost rates required by FHWA order 4470.1A dated October 27, 2010 to the Department within 10 work days of being notified of their selection, whereby an official of an architectural or engineering firm shall certify that the indirect cost rate submitted does not include any costs which are expressly unallowable and that the indirect cost rate was established only with allowable costs in accordance with the applicable cost principles contained in the Federal Acquisition Regulations (FAR) of 48CFR31. A sample Contractor Cost Certification is available for architectural or engineering firm's use on VDOT website at <http://www.virginiadot.org/business/gpmmps.asp>. Should any firm on the consultant team fail to submit the required audit data and certification within the 10 work days,

negotiations may be terminated by the Department and the next most qualified team invited to submit a proposal.

5. Records Exclusion from Public Disclosure: Pursuant to the provisions of §2.2-3705.6 (22) of the Code of Virginia, trade secrets, as defined in the Uniform Trade Secrets Act (§ 59.1-336 et seq.), including, but not limited to, financial records, including balance sheets and financial statements, that are not generally available to the public through regulatory disclosure or otherwise, and revenue and cost projections supplied by a private or nongovernmental entity to the Inspector General of the Virginia Department of Transportation for the purpose of an audit, special investigation, or any study requested by the Inspector General's Office in accordance with law may, subject to a determination by the Inspector General as described herein, be withheld from public disclosure under the Virginia Freedom of Information Act (FOIA). To enable the Inspector General to identify data or records that may be subject to this exclusion from disclosure under FOIA the private or nongovernmental entity shall, in accord with procedures adopted by the Inspector General, make a written request to the Inspector General of the Virginia Department of Transportation:

- invoking such exclusion upon submission of the data or other materials for which protection is sought;
- identifying with specificity the data or other materials for which protection is sought; and stating the reasons why protection is necessary.

The Inspector General of the Virginia Department of Transportation shall determine whether the requested exclusion from disclosure is necessary to protect the trade secrets or financial records of the private entity. The Virginia Department of Transportation shall make a written determination of the nature and scope of the protection to be afforded by it. Notwithstanding the foregoing, Contractor's failure to comply with the requirements stated herein and procedures established by the Inspector General for seeking an exclusion pursuant to §2.2-3705.6 (22) of the Code of Virginia shall result in a denial of the exclusion. Requests for exclusion that are submitted after data or other materials for which protection is sought have been submitted will be denied.

If litigation directly or indirectly results from or arises out of a granted exemption, the contractor will be responsible for all litigation costs incurred by contractor and/or VDOT associated with such litigation. In no event shall the Virginia Department of Transportation or its officers, employees or agents be liable to the contractor as a result of any disclosure of records or data collected by the Department, its officers, employees or agents, pursuant to an audit, special investigation, or any study requested by the Inspector General's Office, whether or not the Inspector General has determined that the requested exclusion from disclosure under FOIA is necessary to protect the trade secrets or financial records of the private entity, and in no event shall the Virginia Department of Transportation, or its officers, employees, or agents be liable to the contractor for any damages or other claims arising directly or indirectly from a determination that the exclusion from public disclosure will not be granted.

6. **Electronic EOI submittals are required for this EOI.** Submittals shall be prepared simply and economically, providing a straightforward, concise description of the firm's capabilities to satisfy the requirements of the RFP. Emphasis should be on completeness and clarity of content. Elaborate brochures and other representations beyond that sufficient to present a complete and effective proposal are neither required nor desired. Please do not duplicate information furnished in the SF 330 Part I and Part II elsewhere in the submittal. **All information must be submitted electronically through VDOT's ProjectWise system and received no later than 2:00 PM (local time prevailing) on 06/26/2018. Responses received after this time will not be considered. Please note that electronic submittals are time stamped at the moment that a file *completes* uploading. The uploading process is sensitive to connection speed and file size – a 25 MB file may take 15**

minutes to load. Please plan accordingly, so that the time stamp occurs prior to 2:00 pm, 06/26/2018. All text in the PDF file shall be searchable using Adobe Acrobat software except within illustrations and scanned registration documents.

A. Requests for new logins and passwords to the ProjectWise system must be submitted to CADD Support at least 5 business days prior to the due date.

[Instructions on how to request a ProjectWise Account](#)

B. When submitting the Expression of Interest electronically, upload a test file at least 2 business days prior to the due date to insure that your computer software is compatible and working correctly. Contact the CADD Support Helpdesk to confirm the upload was successful. The test file will be deleted at that time. We recommend using Internet Explorer version **10 or 11**. The ProjectWise Web Server interface requires ActiveX controls for full functionality. Internet Explorer is the only browser supporting ActiveX controls and therefore is recommended for use with ProjectWise Web Server. Google Chrome and Mozilla Firefox are supported browsers that can also be used to access ProjectWise Web Server with limited functionality.

C. The file name field is limited to a maximum of 80 characters. File names **cannot contain** special characters such as an ampersand (&) or apostrophe (').

File names should follow the format: Vol I_RFPNo_Firm Name.pdf.

For Example: **VOL I_MAT20180604_Jones Construction.pdf**

VOL II_MAT20180604_Jones Construction.pdf

All Expressions of Interest must be loaded into the “Expression of Interest” subfolder. Expression of Interest loaded into any other folder will not be accepted.

D. **Do not wait until the last minute to upload the EOI.** The time required for the upload to complete has several variables, including the load on the system with multiple concurrent uploads. If steps A and B are completed at least 5 business days and step C is completed at least 2 days prior to the due date, it will help to eliminate any last minute issues.

All electronic deliveries shall be made to the following VDOT Web address:

<https://projectwise.vdot.virginia.gov/>

Any offeror needing access to submit an Expression of Interest to the Professional Services Procurement area on the ProjectWise Web Site must email the VDOT CADD Support Helpdesk at CADDsupport@VDOT.virginia.gov at least 7 business days prior to the submission date to request a ProjectWise login and password or to request that an existing ProjectWise account be given access.

The VDOT CADD Support Helpdesk phone numbers are:

LOCAL: (804) 786-1280

TOLL FREE: (888) 683-0345

HOURS: 7:30AM – 4:30PM Monday – Friday (Closed on State Holidays)

7. The Department assures compliance with Title VI of the Civil Rights Act of 1964, as amended. The consultant and all sub-consultants selected for this project will be required to submit a Title VI letter of approval within 10 working days of notification of selection when requested by the Department or a Title VI report in the absence of a letter of approval. This requirement applies to all consulting firms when the contract amount equals or exceeds \$10,000.

The Virginia Department of Transportation (VDOT) in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 U.S.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award.

8. The Offeror shall be in compliance with Commonwealth of Virginia Executive Order 61 Ensuring Equal Opportunity and Access for all Virginians in state contracting and public services. The Offeror shall maintain a non-discrimination policy, which prohibits discrimination by the Offeror on the basis of race, sex, color, national origin, religion, sexual orientation, gender identity, age, political affiliation, disability, or veteran status. This policy shall be followed in all employment practices, subcontracting practices, and delivery of goods or services. The Offeror shall also include this requirement in all subcontracts valued over \$10,000.
9. Any offeror who desires to protest the award of a contract shall submit such protest in writing to the Department no later than ten days after the announcement of the award. Public announcement of the award shall be posted on the Department's Business Center Internet site.
10. eVA Business-to-Government Vendor Registration: The eVA Internet electronic procurement solution, web site portal (<http://www.eva.state.va.us>), streamlines and automates government purchasing activities in the Commonwealth. The portal is the gateway for vendors to conduct business with state agencies and public bodies. All vendors desiring to provide goods and/or services to the Commonwealth shall participate in the eVA Internet e-procurement solution through either eVA Basic Vendor Registration Service or eVA Premium Vendor Registration Service. For more detail information regarding eVA, registrations, fee schedule, and transaction fee, use the website link: <http://www.eva.state.va.us>. All bidders or offerors must register in eVA; failure to register may result in the bid/proposal/expression of interest being rejected.
11. The required services will involve the handling of Critical Infrastructure Information/Sensitive Security Information (CII/SSI) material. Firm(s) handling CII/SSI material will be required to sign non-disclosure agreements. Individuals with the firm(s) that handle CII/SSI material will be required to sign non-disclosure agreements. Once negotiations have been completed and prior to executing a contract, personnel handling CII/SSI material, visiting Critical Infrastructure (CI) facilities or performing bridge/tunnel inspections may be required to pass a fingerprint-based Criminal History Background Check (CHBC). An individual employee's failure to successfully pass the fingerprint-based CHBC will not negate the selection and offerors will be allowed to replace those individuals. However, if key personnel fail the fingerprint-based CHBC, the selection may be cancelled and negotiations begun with the next ranked offeror. VDOT reserves the right to conduct fingerprint-based CHBC on all employees of the prime consultant, on any employees of sub-consultants or on any proposed replacements during the term of the contract who will be involved in this project. All costs associated with the fingerprint-based CHBC are the responsibility of the prime consultant. A VDOT issued photo-identification badge is required for each employee of the prime consultant or any sub-consultant who will need access to VDOT CI facilities or who will be performing bridge/tunnel inspections. Based upon the results of the fingerprint-based CHBC, VDOT reserves the right to deny issuance of a VDOT security clearance or a VDOT issued photo-identification badge.

12. The consultant shall not be responsible for correcting any product(s) (e.g., hardware, software, firmware) which were not provided under the agreement or for correcting any previously owned Department products that are used in combination with the Department's product(s). However, if this solicitation identifies any product or sources of data to be used in combination with the product(s) delivered under the resulting agreement, the consultant shall be responsible for providing all necessary interface(s) or other appropriate means for assuring that data output from such other product(s) or source(s) is automatically corrected before being processed by the product(s) or system provided under this agreement.

Key Personnel Registration Information (Vol. II)

DPOR INFORMATION FOR INDIVIDUALS						
Business Name	Individual's Name	Office Location Where Professional Services will be Provided (City/State)	Individual's DPOR Address	DPOR Type	DPOR Registration Number	DPOR Expiration Date

FIRM DATA SHEET (Vol. II)

Funding: ____ (S=State F=Federal)

Project No.: MAT 20180604

Division: Materials

EOI Due Date: 06/26/2018

The prime consultant is responsible for submitting the information requested below on all firms on the project team, both prime and all sub-consultants. All firms are to be reported on one combined sheet unless the number of firms requires the use of an additional sheet. Failure to submit all of the required data may result in the Expression of Interest not being considered.

Firm's Name, Address and DBE and/or SWAM Certification Number	Firm's DBE or SWaM Status *	Firm's Age	Firm's Annual Gross Receipts

* YD = DBE Firm Certified by DMBE

N = DBE or SWaM Firm Not Certified by DMBE

NA = Firm Not Claiming DBE or SWaM Status

YS = SWaM Firm Certified by DMBE. Indicate whether small, woman-owned, or small business.

DMBE is the Virginia Department of Small Business and Supplier Diversity

CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS
(To be completed by a Prime Consultant)
Vol. II

Project: On Call Statewide Pavement Consulting

- 1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:
 - a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency.
 - b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; and have not been convicted of any violations of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification, or destruction of records, making false statements, or receiving stolen property;
 - c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph 1) b) of this certification; and
 - d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- 2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

The undersigned makes the foregoing statements to be filed with the proposal submitted on behalf of the offeror for contracts to be let by the Commonwealth Transportation Board.

Signature Date Title

Name of Firm

CONSULTANT SHORT LIST SCORE SHEET – FEDERALLY / STATE FUNDED PROJECT
(FOR PROFESSIONAL SERVICES)

DIVISION: Materials

EOI NO.: _____

PROJECT: RFP MAT 20180604

FIRM: _____

DESCRIPTION: On Call Statewide Pavement Consulting

SUBS: _____

DATE: _____

	NUMERICAL VALUE	AVG.	WEIGHT	WEIGHTED EVALUATION
FIRM/TEAM'S EXPERIENCE IN SIMILAR TYPE OF SERVICES (Expertise, experience and qualifications of team in providing services as related to the scope of services) (1=least, 10=most)	1-10		25%	
PERSONNEL'S EXPERIENCE IN SIMILAR TYPE OF SERVICES (Expertise, experience and qualifications of team in providing services as related to the scope of services) (1=least, 10=most)	1-10		35%	
QUALIFICATIONS OF PROJECT MANAGER (Expertise, experience and qualifications in project management as related to the scope of services) (1=least, 10=most)	1-10		5%	
ORGANIZATIONAL CAPABILITY (Ability to complete work in a timely manner, size of firm(s) relative to size of project, proposed project staff resources, proposed use of sub-consultants) (1=least, 10=most)	1-10		25%	
PRESENT WORKLOAD WITH DEPARTMENT (Dollar value of present outstanding fee including estimated pending contracts under negotiation. For limited services term contracts, include the amount of all task orders executed or under negotiation. Work being performed under the Public Private Transportation Act (PPTA) shall not be included. Work being performed as a prime, joint venture or sub-consultant on a Design-Build project shall be included.) † (Only Category B workload is counted on this selection*)			10%	
	Above \$4,000,000	0		
	3,500,001-4,000,000	1		
	3,000,001-3,500,000	2		
	2,500,001-3,000,000	3		
	2,000,001-2,500,000	4		
	1,500,001-2,000,000	5		
	1,000,001-1,500,000	6		
	750,001-1,000,000	7		
	500,001-750,000	8		
	250,001-500,000	9		
	0-250,000	10		
			TOTAL	

*CATEGORIES OF WORKLOAD:

A - TERM SURVEYING AND UTILITY DESIGNATION/LOCATION CONTRACTS

B - PRELIMINARY ENGINEERING CONTRACTS - includes transportation planning and environmental studies, utility relocation and design, and roadway and bridge design.

C - CONSTRUCTION ENGINEERING CONTRACTS - includes construction inspection, preparation of final estimates..

D - OPERATION AND MAINTENANCE CONTRACTS - includes operation and maintenance of traffic management systems.

E - BRIDGE SAFETY INSPECTION CONTRACTS - includes bridge and traffic structure safety inspection.

† The outstanding workload of any certified DBE or SWaM prime and sub-consultant may be reduced up to \$4M and the remainder (>\$0) added to the team's total workload. When a DBE or SWaM firm graduates from the program, their workload incurred while a DBE or SWaM may be reduced up to \$4M for the next three years. Any new work obtained after graduating from the program will be counted.

In determining the final short list, the top ranked firms and their sub-consultants will have their VDOT Consultant Performance Reports reviewed and/or references checked.

APPENDIX A

DIRECT COSTS

The following is a list of Direct Costs for services and analytical methods typically associated with the scope of services for the On Call Statewide Pavement Consulting contract. This list is provided for informational purposes only at this time, and **no price quotes shall be submitted to the Department prior to final selection and contract negotiation.**

** = Equipment only. Operator and data analyst (if any) will be paid separately

Serial	Line Items	Preferred Unit	AASHTO	ASTM	VTM
1	Pavement coring - asphalt (Includes patching with asphalt)	Linear inch			
2	Pavement coring - concrete (Includes patching with rapid set concrete)	Linear inch			
3	Falling Weight Deflectometer (FWD) testing**	Daily			68
		Half Day			
4	High Speed profiler @ both wheel path (spot laser)**	Daily			106
		Half Day			
5	Reference profiler (supro)**	Daily			
		Half Day			
6	Reference profiler (dipstick)**	Daily	R41-05		
		Half Day			
7	High speed profiler (roline laser)**	Daily			
		Half Day			
8	Pavement video imaging containing forward and downward image collection system**	Daily			
		Half Day			
9	Rut measurement (a minimum of five measurement points per lane width using laser sensors are required to calculate the rut depths)**	Daily			
		Half Day			
10	Automated faulting measurement on jointed concrete pavement**	Daily	R36-13		
		Half Day			
11	Locked wheel skid testing	1st Day			122
		Additional day			
12	Ground Penetrating radar - Ground and Air Coupled**	Hourly			
12.1	Ground Penetrating radar - Ground Coupled**	Hourly			
12.2	Ground Penetrating radar - Air Coupled**	Hourly			
13	Drainage pipe inspection camera, rate shall include operator and camera	Daily			
		Half Day			
14	Dynamic Cone Penetrometer equipment	Daily			

15	Traffic control (specific details to be provided during negotiation)	Daily, hourly			
16	Traffic control, flagman	Hourly			
17	Soil Boring (hollow stem) - 2 1/4" I.D.	L.F.			
18	Soil Boring (hollow stem) - 4 1/4" I.D.	L.F.			
19	Solid Auger Boring - 6 1/2" O.D.	L.F.			
20	Standard Penetration Test	EA	T206	D1586	
21	Extrude and Log Shelby Tube	EA			
22	Thin Wall Tube Sample - 3" (Shelby Tube or undisturbed sample)	EA	T207	D1587	
23	Density and Moisture Content of Undisturbed Sample				
24	Water Content	EA	T265	D2216	
25	Specific Gravity	EA	T100	D854	
26	Atterberg Limits (Liquid Limit, Plastic Limit, Plasticity Index)	EA	T89/T90	D4318	7
27	Percent Passing No. 200 Sieve only	EA		D1140	
28	Sieve Analysis without Hydrometer Analysis	EA	T87/T88	D422	25
29	Sieve Analysis with Hydrometer Analysis	EA	T87/T88	D422	25
30	Hydrometer Analysis only, excluding Specific Gravity	EA	T87/T88	D422	
31	Percent Organics, Loss on Ignition	EA	T267	D2974	
32	Unit Weight (or Bulk Density or Density) of Soil	EA		D7263	
33	Unconfined Compression on Soil or Soil-Cement or Soil-Lime	EA	T208	D2166	
34	Triaxial, Unconsolidated Undrained per Point	EA	T296	D2850	
35	Triaxial, Consolidated Undrained per Point with Pore Pressure Reading	EA	T297	D4767	
36	Remolding or Compacting Disturbed Samples for Strength Testing	EA			
37	Standard Proctor	EA	T99	D698	1
38	Modified Proctor	EA	T180	D1557	
39	Soil-Cement Proctor	EA		D558	
40	CBR	EA	T193	D1883	8
41	One Point Proctor	EA	T272		12
42	Compressive Strength of Concrete Cylinders	EA	T22	C39	
43	Compressive Strength of Mortar and Grout Cubes	EA		C780	
44	Obtaining and Testing Drilled Cores and Sawed Beams of Concrete	EA	T24	C42	
45	Asphalt Extraction	EA	T164	D2172	
46	Asphalt Bulk Specific Gravity	EA	T166 - Method A	D6752	6
47	Asphalt Maximum Specific Gravity	EA	T209		
48	Asphalt Binder Performance Grading –	EA	M320 -		

	True Grade		Table 2		
49	Multiple Stress Creep Recovery (MSCR) Test of Asphalt Binder Using a Dynamic Shear Rheometer	EA	TP 70		
50	Dynamic Modulus of Hot Mix Asphalt	EA	TP 62		
51	Flow Number of Hot Mix Asphalt	EA	TP 79		
52	Asphalt Mixture Indirect Tensile Strength	EA	T322		
53	Trench/Test Pit - for verification of underdrain, verification of aggregate contamination, assessment of rutting of pavement each pavement layers, and identifying presence of geotextiles.	CY			
54	Soil - Resilient Modulus Determination	EA	T-307		
55	Aggregate Base - Resilient Modulus Determination	EA	T-307		
56	Fine grained soil Unconfined Compressive Strength Testing	EA	T-208		VTM -140
57	Asphalt Content Determination	EA			VTM 102
58	Determination of Hot Mix Asphalt Gradation	EA	T30		
59	Gyratory Compaction of Asphalt Mixtures	EA	T312		