

REQUEST FOR PROPOSAL

PROFESSIONAL ENGINEERING SERVICES
for
Project Management
of the
Coalfields Expressway (CFX)
&
Route 460 Phase II Project

Bristol District



GENERAL

The Virginia Department of Transportation (the “Department”) is seeking expressions of interest from consulting engineering firms who wish to be considered to provide professional engineering services for the project management and oversight of the design and construction of the Coalfields Expressway (CFX) and Route 460 Phase II project in southwestern Virginia. The development and construction of the CFX and Route 460 Phase II project is being procured separately by the Department under the Public-Private Transportation Act (PPTA) and Design-Build (DB) contracts.

The CFX and Route 460 Phase II Project entails the new construction of approximately 50 miles of four-lane divided limited access highway for CFX which runs from Route 23 in Pound, Virginia to the West Virginia State Line near Route 83 and the 460 Connector Phase II project is approximately 6.25 miles of four-lane divided limited access highway that will connect to CFX near Grundy, Virginia and Route 460 Phase I project near the Kentucky State Line. A map depicting the CFX and Route 460 Phase II Project is shown in APPENDIX A.

The following website will provide additional project information:

http://www.virginiadot.org/projects/bristol/coalfields_expressway.asp

The estimated CFX and Route 460 Phase II Project cost is \$1.5 to \$2.0 billion.

Contract Objectives

The Department’s CFX and Route 460 Phase II Project Management Services contract objectives are to:

1. Augment the Department’s staffing needs for the project.
2. Procure a consultant team (Consultant) capable of successfully and efficiently providing a wide range of project management services where the Department lacks resources and expertise to meet the engineering and business needs of the project.

Point of Contact

The Department’s sole Point of Contact (“POC”) for the procurement of this Project shall be the person designated below. The POC is the only individual authorized to discuss this Request for Proposal (“RFP”) with any interested party. All communications with the Department’s POC shall be in writing. The POC will not respond to oral inquiries.

The Department’s POC for the procurement is:

Name: Tracy K. Sell, P.E., PMP
Title: CEI Coordinator
Address: Virginia Department of Transportation
1401 East Broad Street
Richmond, VA 23219
Phone: (804) 371-4315
Email tracy.sell@vdot.virginia.gov

The Department disclaims the accuracy of information derived from any source other than the POC noted above and the use of any such information is at the sole risk of the Consultant. All written information to the Department from interested parties shall specifically reference the correspondence as being associated

with the “CFX and Route 460 Phase II Project Management RFP)”. Nothing herein should be construed to preclude the Department’s POC from speaking with any firm at any time, and the Department expressly reserves all rights to do so.

This contract will be developed utilizing the Department’s policies and procedures and FHWA’s guidelines. This RFP does not commit the Department to award a contract, to pay any costs incurred in the preparation of a proposal for this request, or to procure or contract for services. 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 RFP if it is in the best interest of the Department to do so.

Conflict of Interest

All consultant members, including affiliated and subsidiary firms of the Consultant team, providing any design, construction, traffic, operational or maintenance services on any other contract(s) associated with the CFX and Route 460 Phase II Project will be considered in conflict and prohibited from pursuing this contract. Furthermore, the Department reserves the right to make a determination of Conflict of Interest and take appropriate action during the procurement process and the life of this contract. For information on the Department’s policy on Conflict of Interest, reference the Office of Transportation Public-Private Partnerships memorandum on Conflicts of Interest at http://www.virginiadot.org/business/resources/IPD_07_02_0.pdf. If you require clarification of your status on the CFX and Route 460 Phase II Project, please provide a written request for determination to the Department’s POC no later than 4:00 p.m. local prevailing time on March 1, 2012.

In the event that updated information, clarifications or addendums are developed for this RFP, a link to access these updates will be found on the same website where the link to this RFP resides: <http://www.virginiadot.org/business/rfps.asp>

SCOPE OF SERVICES

The Consultant will be responsible for project management services at the direction of the Department’s Program Manager/Project Managers for the CFX and Route 460 Phase II.

The scope of services may include, but is not limited to, the administration of the following:

- Project Management Services
 - Project Managers and Assistant Project Managers for design and construction management activities to coordinate with the Department’s Program Manager/Project Managers.
 - Oversight and implementation of Project controls, including scheduling, estimating, project documentation systems and claim avoidance and review.
 - Development, implementation, and maintenance of a Project document control system and a Project communication network for internal and external project participants.
 - State and Federal regulatory and policy compliance including surface mining requirements.
 - Conduct mineral reviews.
 - Contract change management and independent cost analysis.
- Design Management and Services

- Engineering disciplines such as roadway, structures, bridges and other types of infrastructure development.
- Design quality assurance and interaction as the Department's representative.
- Environmental Services
 - Environmental and surface mining permit review.
 - Monitoring and review of construction and mitigation measures.
- Right of Way and Utility Services
 - Acquisition oversight for surface and mineral.
 - Appraisal reviews for surface and mineral parcels.
 - Utility relocation oversight.
- Traffic Management Design and Development Services
 - Review and /or development of Traffic Management Plans.
 - Oversight of congestion management activities, maintenance of traffic.
 - Coordination of public information.
- Public Affairs/Outreach Management Services
 - Public communication oversight.
 - Provide information technology support services including a “one stop” public information web site/project communication program.
- Safety Program
 - Construction oversight and monitoring.
- Construction Management and Inspection Services
 - Independent verification of Quality Control processes.
 - Construction engineering management and inspection.
 - Project partnering activities.
- Materials Services
 - Geotechnical Engineering Design and Construction support services construction issues (slope stability analysis, rock fall analysis, embankments, etc.).
- Disadvantaged Business Enterprise (DBE) and Small, Women and Minority (SWaM) Owned Business Enterprise
 - Provide administrative support for monitoring DBE and SWaM programs, information collection and reporting, workforce utilization and contractor compliance guidance, supportive services and training programs.
 - Business outreach and development programs.
- Project Level Financial and Administrative Monitoring

The selected Consultant will be managed by Department staff. Department personnel will be available to determine policy and make major decisions as appropriate. The Department reserves the right to supplement the selected Consultant or staff if it is in the best interest of the Project.

The selected Consultant will be required to provide access to a project communications network to service all project participants to include 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 graphic files, such as project reports, correspondence, schedules, spreadsheets, CADD drawing files, audio and visual communications equipment capable of providing reliable and consistent communications between local offices and field operations, etc. The Consultant must also incorporate file security and timeliness of the electronic transfers in the administration of the system. This will include the necessary management, maintenance and troubleshooting to ensure continuous operation.

KEY PERSONNEL

The Consultant's Key Personnel shall be permanently assigned to the Project as long as the Department determines that there is a need for their presence on the project or the Department agrees upon replacement personnel or determines that the position is no longer needed. The availability of Key Personnel should be flexible to meet the needs of the Department. All individuals identified as Key Personnel in the RFP below and 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. 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. If the Consultant is awarded a contract, unauthorized changes to any individuals identified as Key Personnel in the RFP and EOI may be considered a breach of contract and result in termination.

The Consultant is expected to provide a core group with the appropriate mix of management, technical expertise, and experience. The Consultant's staff will be required to show that Key Personnel have experience, expertise, innovation, and other skills in leadership and technical ability in the following areas:

- Consultant Project Manager (1): Experience and expertise shall include: administration of alternative project/program delivery projects, leadership roles in the management and delivery of infrastructure projects with a background in the administration of design and construction programs. A professional engineering license in the Commonwealth of Virginia is required for this position. The Consultant Project Manager may also serve as the design project manager or the construction manager or be a separate individual.
- Design Project Manager (1): Experience and expertise shall include: leadership roles in the development of relevant project designs using alternative delivery methods; heavy civil, structures and relevant experience working on major transportation corridor projects. A professional engineering license in the Commonwealth of Virginia is required for this position. A Project Management Professional (PMP) certification is preferred.
- Construction Project Manager (1): Experience and expertise in administration of complex construction projects including safety compliance, maintenance of traffic, project controls, and quality assurance processes. This individual should possess experience in transportation and surface mining methods, scheduling, project controls, specification writing/interpretation, estimating, and claims analysis. A professional engineering license in the Commonwealth of Virginia is required for this position. A Certified Construction Manager (CCM) certification is preferred.
- Assistant Design Project Manager (1-4): Experience and expertise shall include: leadership roles in the development of relevant project designs using alternative delivery methods; heavy civil, structures and relevant experience working on major transportation corridor projects. A professional engineering license in the Commonwealth of Virginia is required for this position.

- Assistant Construction Project Manager (1-4): Experience and expertise in administration of complex construction projects including safety compliance, maintenance of traffic, project controls, and quality assurance processes. This individual should possess experience in transportation and surface mining methods, scheduling, project controls, specification writing/interpretation, estimating, and claims analysis. A professional engineering license in the Commonwealth of Virginia is required for this position.
- Materials Manager (As Needed): Experience and expertise shall include: geotechnical knowledge of, expertise in, and experience with the localized issues that will affect the design and construction of the Project. Expertise in current and emerging trends in discussing the challenges that may be faced on this Project. Address both design and construction issues. A professional engineering license in the Commonwealth of Virginia is required for this position.
- Traffic Management Engineer (As Needed): Experience and expertise shall include development of maintenance of traffic plans, understanding of traffic modeling and congestion management, and other traffic related issues relevant to construction in the project area. This individual may also serve in another capacity as one of the Key Personnel. A professional engineering license in the Commonwealth of Virginia is required for this position.
- Environmental/Permit Manager (As Needed): Experience and expertise shall include managing and monitoring highly sensitive environmental issues; design constraints on major roadway/bridge/ construction projects including storm water management, erosion and sediment control and Section 404 permitting. Environmental/Permit Manager should also have experience coordinating with Virginia and Federal environmental agencies and the Department of Mines Mineral and Energy (DMME) and their regulations.
- Project Controls Manager (As Needed): Experience and expertise shall include all aspects of project scheduling using Primavera P6 or equivalent software, managing the project schedule, including development, maintenance, reporting, and resource allocation. Expertise with cost management systems, cost analysis, forecasting and change management. Expertise with regards to Risk Management and Risk Analysis on PPP projects.

ADDITIONAL PERSONNEL

Construction Inspector Senior (1-4)

Construction Inspector Senior Function: To monitor the work of contractors for Independent Assurance / Independent Verification purposes to ensure quality control and contract compliance for roadway, structure, and bridge construction projects of moderate to considerable complexity. In addition to inspection responsibilities, the Inspector Senior may be required to provide inspection/project management, under the direction of a Project Manager or designee.

Construction Inspector Senior Features of Work: In addition to the features noted for Construction Inspector, the Inspector Senior monitors contractor's operations to ensure compliance with contract terms and specifications. Independently coordinates and directs all phases of construction inspection of projects which are typically complicated by extensive traffic control, sensitive political or environmental concerns, or significant project coordination with property owners, utility companies, and local and federal government representatives. Verifies lines and grades, dimensions and elevations using survey and field engineering equipment. Coordinates and schedules various stages of construction with the design-builder and agency personnel; reviews and monitors design-builder's plan of operation; and

advises project manager of violations and recommends adjustments to operations. Recommends changes to construction plans to meet field condition; conducts materials testing; checks equipment; prepares and maintains comprehensive project records including daily diaries, materials notebooks, as-built plans, pay quantity records and monthly estimates. Evaluates and monitors progress schedules, and performs work order analysis. Reviews and monitors Equal Employment Opportunity/Disadvantaged Business Enterprise (DBE) documentation and compliance with Federal labor requirements/regulations for Federal-aid construction projects, ensuring contractor compliance with program requirements.

Construction Inspector Senior Knowledge Skills and Abilities: The Construction Inspector Senior is expected to have at least six (6) years of inspection experience including a working knowledge of VDOT PPTA and DB projects of roadway, structure and bridge construction methods, materials, standards and specifications; working knowledge of the VDOT Road and Bridge Specifications, Road and Bridge Standards, Construction Manual, and Inspector Manual; and knowledge in the use of contract management software. Working knowledge of state and federal safety, environment, and EEO/DBE guidelines and regulations; and of mathematics including algebra, geometry, and trigonometry. Working skill in operating computer equipment, software programs and field inspection equipment. Ability to provide technical supervision and leadership to other inspectors; read and interpret roadway, bridge, and structure plans and contract specifications; apply mathematical formulas and engineering principles to determine field adjustments; maintain detailed records; perform required materials testing; and communicate effectively with agency and design-build personnel and the general public.

It is the sole responsibility of the Consultant Engineering Firm to provide certified personnel when requested and/or assigned to projects by the Department.

It is anticipated that the Department will require Inspector Senior positions with various combinations of the following certifications throughout the life of this contract. The specific certifications required for a given task order will be identified by the Department at the time the task order is assigned.

Certification	Issuing Agency
Soil and Aggregate Field Compaction	VDOT or MARTCP*
Asphalt Field	VDOT or MARTCP*
Hydraulic Cement Concrete Field	VDOT or MARTCP*
Pavement Marking	VDOT or MARTCP*
Slurry Surfacing	VDOT
Surface Treatment	VDOT
Flagger Certification	VDOT
Certification for Erosion and Sediment Control Inspection	Department of Conservation & Recreation (DCR)
Nuclear Gauge Safety Training	NRC** Recognized Provider
Intermediate Work Zone Traffic Control	VDOT Approved Provider
10 Hour OSHA Safety Training	OSHA
GRIT (Guardrail Certification)	VDOT

*MARTCP – Mid Atlantic Regional Certification Program

** Nuclear Regulatory Commission

Construction Inspector (1-4)

Construction Inspector Function: To monitor the work of contractors for Independent Assurance /

Independent Verification purposes to ensure quality control and contract compliance for roadway, structure, and bridge construction projects of routine to moderate complexity. In addition to inspection responsibilities, the Inspector may be required to provide inspection/project management, under the direction of a Project Manager or designee.

Construction Inspector Features of the Work: Oversees, inspects, and monitors design-builder's field work which includes excavations, drainage facilities, road surfaces, and structures; schedules work and inspection phases with design-builder's superintendent and agency personnel; advises project manager of violations and recommends adjustments to operations; takes field measurements of pay items; checks placement of and performs tests on construction materials; checks lines, grades, dimensions, and elevations using standard survey and field engineering equipment; and oversees and enforces the installation of erosion/siltation controls and safety devices. Recommends changes to construction plans to meet field conditions or provide project cost savings. Maintains project records; including daily diaries, materials notebooks, as-built plans, and pay quantity records and monthly estimates. Monitors Equal Employment Opportunity/Disadvantaged Business Enterprise (DBE) documentation and compliance with Federal labor requirements/regulations for Federal-aid construction projects, ensuring contractor compliance with program requirements.

Construction Inspector Knowledge Skills and Abilities: The Construction Inspector is expected to have three (3) years of inspection experience including a working knowledge of VDOT PPTA and DB projects of roadway, structure, and bridge construction methods, materials, standards, construction symbols and terminology; state and federal environmental, safety, and Equal Employment Opportunity guidelines and regulations; and of mathematics including algebra, geometry, and trigonometry. Working knowledge of the VDOT Road and Bridge Specifications, Road and Bridge Standards, Construction Manual, and Inspector Manual; and knowledge in the use of contract management software. Working skill in operating computer equipment, software programs and field inspection equipment. Ability to read and interpret roadway, structure, and bridge plans and specifications; apply mathematical formulas and engineering principals to determine minor adjustments to construction plans; maintain detailed records; perform required materials testing; and communicate effectively with agency and design-build personnel and the general public.

It is the sole responsibility of the Consultant Engineering Firm to provide certified personnel when requested and/or assigned to projects by the Department.

It is anticipated that the Department will require Construction Inspector positions with various combinations of the following certifications throughout the life of this contract. The specific certifications required for a given task order will be identified by the Department at the time the task order is assigned.

Certification	Issuing Agency
Soil and Aggregate Field Compaction	VDOT or MARTCP*
Asphalt Field	VDOT or MARTCP*
Hydraulic Cement Concrete Field	VDOT or MARTCP*
Pavement Marking	VDOT or MARTCP*
Slurry Surfacing	VDOT
Surface Treatment	VDOT
Flagger Certification	VDOT
Certification for Erosion and Sediment Control Inspection	Department of Conservation & Recreation (DCR)
Nuclear Gauge Safety Training	NRC** Recognized Provider
Intermediate Work Zone Traffic Control	VDOT Approved Provider

10 Hour OSHA Safety Training	OSHA
GRIT (Guardrail Certification)	VDOT

*MARTCP – Mid Atlantic Regional Certification Program

** Nuclear Regulatory Commission

Construction Inspector Trainee (1-2)

Construction Inspector Trainee Function: To monitor in a training capacity, the work of design-builder for Independent Assurance / Independent Verification purposes to ensure quality control and contract compliance for roadway, structure, and bridge construction projects, under the direction of a Construction Inspector Senior or their designee.

Construction Inspector Trainee Features of the Work: Performs work of routine difficulty in a training capacity. Inspects excavations, drainage facilities, safety, environmental, and traffic control devices, and road surfaces and structures by comparing work performed to plans and specifications. Maintains project records including daily dairies, workbook and materials records. Receives on-the-job and required agency classroom training to obtain designated highway material certifications.

Construction Inspector Trainee Knowledge Skills and Abilities: The Construction Inspector Trainee is expected to have a working knowledge of basic mathematics including computation of linear and cubic measurements; a demonstrated ability to communicate effectively both orally and in writing; and learn and apply new information and concepts.

Engineering Technician (1-2)

Engineering Technician Function: To provide support to the Department and engineering staff in the analysis and review in the areas of, but not limited to, constructability/bidability review/analysis, shop drawings, schedule review and notice of intent and claims analysis, as requested by the Bristol District Program Manager.

Engineering Technician Features of the Work: Provides support for consultation, investigations, evaluations, and written documentation in the areas of, but not limited to, constructability/bidability review, shop drawings, schedule review and notice of intent analysis, as requested by the Bristol District Program Manager.

Engineering Technician Staff Knowledge Skills and Abilities: The Engineering Technician shall be under the supervision of a Virginia licensed P.E. The Engineering Technician shall have at least three (3) years of experience including a working knowledge of VDOT PPTA and DB projects of roadway, structure, and bridge construction methods, materials, standards and of mathematics including algebra, geometry, and trigonometry. Working skill in operating computer equipment and engineering software programs.

MATERIALS SAMPLING AND TESTING

The consultant firm shall provide material testing equipment. The cost of these items should be included in the overhead cost to the consultant and will not be billable to the Department as a direct cost expense with the exception of the nuclear gauge which shall be provided as a direct cost expense. This equipment will remain the property of the Consultant and shall be removed at completion of the work. The Consultant will be responsible for obtaining proper licenses for equipment and personnel operating equipment when licenses are required. The Consultant shall make the license and supporting documentation available to the Department for verification, upon request. The Consultant's handling of nuclear gauges shall be in compliance with their license.

The material testing equipment shall include but not be limited to; soil/aggregate compaction kit, including: speedy moisture kit, one-point proctor mold, hammer, gas stove, pans and spoons, scales, 10' straight edge, sand cone device; slump cone; air meters, non-contact thermometer, and 4' level. Any testing device that will be used for acceptance/rejection of materials will need evidence of calibration as recommended by the manufacturer. All hand tools necessary for inspection services shall also be supplied by the consultant.

TEAM QUALIFICATIONS

The Consultant should demonstrate relevant qualifications, capacity and capability in performing the Scope of Services listed above and those further defined below. Additionally, the Consultant is expected to supply any additional positions to its staff for successful project delivery including any Key Personnel that may not initially be anticipated. At all times, the Consultant will be required to show the necessary experience, expertise, technical ability and skill in the areas identified in the Scope of Services and any other areas necessary for successful project delivery.

As noted in the Expression of Interest (EOI) section, Item 5, the Consultant shall emphasize its qualifications in 30 pages or less.

ORGANIZATIONAL CAPABILITY

The EOI should demonstrate the Consultant's capability in the following areas:

- Provide relevant project experience of each team member (Firm). The experience should illustrate the member's role on the project and how the firm's capabilities were utilized by the Owner.
- Provide a narrative detailing how your proposed organization, resources, and capabilities will enhance the success of the proposed project. Describe the processes and tools that will be used to address staffing, cost control, and schedule issues.
- Provide, in narrative and chart form, the organization's capacity with its existing workload as well as the proposed workload from this contract. Please describe how you will meet the expected project deliverables and resources needed while managing your competing workloads and priorities.
- Illustrate how the individual firms and/or Key Personnel have worked together in the past

CONSULTANT'S RELEVANT EXPERIENCE PROVIDING SIMILAR TYPES OF SERVICES

The EOI should demonstrate the Consultants' expertise and experience in the following areas:

- Managing, administering, and providing project oversight and inspection services for complex design and construction contracts as an owner representative, including oversight of other consultants and design-build contractors.
- Specialized competence related to all aspects of review, design, construction, inspection, quality assurance and experience with surface mining operations.
- All engineering and non-engineering disciplines required for the development of relevant transportation facilities and or systems through the Public Private Partnership (P3) process (acquisition, design, and construction).
- State and Federal processes/requirements associated with a P3 project. Application of and understanding of relevant industry and project standards and specifications.

- Environmental permitting and compliance: Overseeing, monitoring, and managing environmental permitting processes and agency coordination. Expertise in and experience with the pertinent State and Federal laws and regulations that will apply to this Project.
- Geotechnical knowledge of, expertise in, and experience with the localized issues that will affect the design and construction of the Project. Expertise in current and emerging trends in discussing the challenges that may be faced on this Project.
- Public and private utility management: Code issues, coordination, etc.
- All aspects of surface mining, including but not limited to: surface mining permitting, environmental permitting requirements relating to surface mining permits, etc.
- Working with minority, women and disadvantaged businesses to provide technical, managerial and other assistance.
- Facilitating team building and partnering concepts among stakeholders including Federal and State agencies, design teams, the public and contractors to ensure open communication throughout the process for the large complex projects.
- Providing a programmatic documentation tracking system for correspondence, notices, and any other type of project documentation.
- Schedule review and analysis and claim avoidance analysis and resolution procedures.
- Overseeing and competently maintaining internal budgets and providing oversight of project budgets.
- Managing and analyzing construction and field issues and the responses to these situations.
- Managing and tracking project costs for escalation during design and construction and applying cost effectiveness strategies and mechanisms for cost containment.
- Value engineering procedures and experience in evaluating and analyzing value engineering proposals during construction.

Each response should include the following items concerning the Consultant:

- Each Firm's experience related to providing the project related services noted above, and a description of how the team members have sufficient experience to mobilize/demobilize support personnel to supplement the Department's technical resources.
- A matrix, table or list of relevant project examples where the team members held leadership positions in providing the noted services and describing the member's involvement in the project. Include the dates and location where the services were performed.
- A narrative providing your team's understanding of how your member's experience and expertise will be utilized as the Department's representative on the proposed project and how these resources will be effectively utilized to meet the stated contract objectives.

KEY PERSONNEL'S EXPERIENCE IN PROVIDING SIMILAR TYPES OF SERVICES (EXCEPT CONSULTANT PROJECT MANAGER AND ASSISTANT PROJECT MANAGERS – DESIGN AND CONSTRUCTION)

The EOI should demonstrate the Key Personnel's experience in the following areas:

- Qualifications as described in the RFP to successfully fulfill responsibilities of the proposed contract.
- The flexibility and availability of Key Personnel to meet the needs of the project.
- Demonstrate the current availability and anticipated availability of each of the Key Personnel based on current commitments and work projections.
- The relevant experience on design-bid-build, design-build, and P3 projects including project experience in the development of significant major transportation facilities. In addition, Key Personnel's experience should include project management, dispute resolution, design,

environmental documentation, permitting, construction management, right of way acquisition, operations, quality assurance, and other support and specialty services as described in the Scope of Services.

Each response should include the following items concerning the Key Personnel:

- A list of relevant projects focused on the Key Personnel's experience. For each Key Personnel position, their project history should include leadership roles in at least one major interstate highway or freeway corridor project, or at least one major bridge project. This experience should reflect appropriate and applicable management, leadership and technical expertise and participation by Key Personnel on the projects provided for evaluation.
- A narrative providing your team's understanding of how the proposed Key Personnel enhance the Department's ability to meet the specific challenges of the proposed projects, how they will be maintained throughout the life of the contract and how their individual experience and expertise will be effectively resourced to meet the stated contract objectives.

QUALIFICATIONS OF THE CONSULTANT PROJECT MANAGER AND THE ASSISTANT DESIGN AND ASSISTANT CONSTRUCTION PROJECT MANAGERS

The proposal should demonstrate the Consultant Project Manager's and Assistant Project Managers' experience in the following areas:

- Specific experience as an owner representative in the leadership and management of significant transportation infrastructure projects delivered through an alternative delivery method (including P3 or design-build) developed by private entities.
- Ability to communicate, both orally and in writing, effectively with the Department's Project Manager/Contract Administrator and to provide detailed information about multiple disciplines to a diverse group of stakeholders.
- Ability to coordinate the activities and efforts of a large organization/team that includes numerous design firms, contractors and other disciplines that will be involved in the development and construction of this project.
- Ability to identify, address, and otherwise resolve project challenges, disputes and all administrative issues affecting the successful completion of the projects and identify and mitigate risk items.
- Demonstrate, using project examples, the level of experience in managing similar projects (complexity, type and size).

Each response should include the following items concerning the Consultant Project Manager and Assistant Project Managers (Design and Construction):

- A list of relevant projects focused on the Consultant Project Manager's and Assistant Project Managers' experience should include experience as the owner's representative for at least one major highway corridor project or at least one major bridge project. The Assistant Construction Manager shall include experience in the construction of at least one major highway corridor project within the last ten (10) years. The Assistant Project Managers' experience should reflect appropriate management, leadership and technical expertise and participation.
- A narrative of how the Consultant Project Manager and Assistant Project Managers will coordinate directly with the Department's Project Manager/Contract Administrator, facilitate the resolution of multiple challenges on the proposed projects and lead a diverse group of disciplines and individuals to meet the contract objectives. In addition, the narrative should define Consultant Project Manager's and Assistant Project Managers' commitment to the long term

success of the project and how their individual experience will be utilized effectively to administer the comprehensive agreement.

- A narrative of how the Consultant Project Manager and Assistant Project Managers will manage this project. Discuss coordination with the P3 developer, government agencies, and other stakeholders; leadership traits; management philosophy, etc.

CONTRACT SCOPE AND PROJECT MANAGEMENT APPROACH

The proposal should demonstrate a clear understanding of contract Scope of Services and the Consultant's Project Management philosophy, approach and/or strategy for the successful delivery of the proposed project.

Each response should include the following elements concerning the Consultant's understanding of the contract Scope of Services and Project Management Approach and Strategies, principally focusing on P3 development methodologies:

- The Consultant's role;
- Management and Organization;
- Project Control;
- Project Implementation– role in supporting the Department through the project development process for P3's;
- QA/QC;
- DBE / SWaM;
- Public Relations

EXPRESSION OF INTEREST (EOI)

1. The Expression of Interest shall be organized in the following order:
 - Transmittal letter
 - Table of Contents
 - Understanding of Scope of Work
 - Response to RFP Expression of Interest Items 2-11
 - Present Workload with Department form
 - Team Organization Chart
 - GSA Form 255 * – one combined for the project team
 - GSA Form 254 * – one for each firm
 - A table or matrix containing the requested information in Item 11
 - Full size copies of SCC and DPOR supporting registration/licensing documentation for each firm (including that of each pertinent branch office)
 - Full size copies of DPOR registration certificate for the Key Personnel
 - Firm Data Sheet
 - Certification Regarding Debarment form
 - DBE Commitment and Confirmation Letter (if applicable)

* GSA Form 255 and GSA Form 254 are no longer supported by the Federal Government. However, the Department is still requiring consultants to use these forms for VDOT procurements. Copies of these forms can be found on the VDOT website.

2. Furnish four copies of current GSA Forms 254 for each firm involved and four copies of one combined GSA Form 255 for the project team. The GSA Form 255 must specify the number of

personnel by discipline for each office where the work is to be performed. In Section 4 of GSA Form 255, list only the full time employees assigned to the office(s) at the time of this submission. Section 8 of GSA Form 255 is limited to one page with not more than 10 projects total (prime and subconsultants combined) on the one page and should primarily list experience of offices where the work will be performed and of the people shown in the organizational chart. If the experience shown is for a branch office other than where the work will be performed, it should be clearly indicated as such. More detailed descriptions for Section 8b may be expanded into Section 10. In Section 9 of GSA Form 255, references to “Federal agencies” are to be replaced by “Virginia Department of Transportation or transportation agencies of other states.”

3. If more than one firm will participate in the contract, state the type of arrangement between the firms, the names and addresses of all firms, description of the work that each firm will perform, and the percentage of work to be performed by each in Section 5 and 6 of GSA Form 255. Indicate office locations at which the work will be performed. A one page organizational chart showing all firms involved and key personnel assignments and responsibilities is required to be included.
4. In Section 7 of GSA Form 255, indicate KEY PERSONNEL ONLY who will be assigned to this project and give the experience record of each. Key personnel are defined as those to whom the project will be assigned and who will be performing the actual design/services. The project manager shall have a minimum of five years experience in managing similar type and size projects. In Section 7c, indicate the location of the office where the person is currently working if different from where work is to be performed. In Section 7c, part time personnel, personnel not employed on the date of the form, or personnel used on an “as needed basis” must have their status clearly indicated. Section 7g may be expanded to provide a total of a one page resume per individual.

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, 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. Section 10 of GSA Form 255 is replaced by a response of 30 pages or less to demonstrate qualifications previously mentioned under Consultant Qualification section of this RFP.
6. 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 Minority Business Enterprise certified DBE firms are maintained on their web site (<http://www.dmb.e.state.va.us/>) under the **DBE Directory of Certified Vendors**. 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 subconsultants. 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 DBE contract goal for this procurement is 7%.

In accordance with the Governor’s Executive Order No. 33, 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 Minority Business Enterprise (DMBE) certified SWaM firms is maintained on the DMBE web site (<http://www.dmb.state.va.us/>) 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 subconsultants. 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.

DBE and SWaM services may include, but not limited to the following:

- DBE/SWaM payment reports
- DBE compliance reviews
- Equal employment opportunity reviews
- Activity reports
- Statistics and measures of DBE/SWaM participation vs. goals
- Compliance with 49 CFR Part 26
- Work observance and interviews
- Compliance issues
- Payroll requirements
- Commercially Useful Function
- Documents Verification
- Business assessment of subcontractor/subconsultants business operations
- Technical Assistance – On field assistance and support regarding challenges with resources and schedules, contract execution, document performance
- Plan review and assistance
- Support DBE's on Means and Methods and Quantities
- Workshop Design
- One-on-one consultation
- Capacity building – bonding and access to capital
- Contract execution support
- DBE/SWaM certification and pre-qualification
- Workforce Development Initiatives
- Community Involvement – Industry and citizen meetings to support DBE/SWaM program objectives
- Employment consultation

If portions of the services are to be subcontracted to a DBE or SWaM, the following needs to be submitted with your EOI and both must reference the project number(s) for the services:

- Written documentation of the prime's commitment to the DBE or SWaM firm to subcontract a portion of the services, a description of the services to be performed and the percent of participation.
- Written confirmation from the DBE or SWaM firm that it is participating, including a description of the services to be performed and the percent of participation.

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 Minority Business Enterprise) 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 subconsultants. 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 or a percentage 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 BOWD firms, please contact the BOWD Center for additional information, details, resources and support. For further information on the BOWD Center and to view the DBE profiles, go to www.virginia.gov/business/BOWD.asp. The BOWD Center can be contacted at (804) 662-9555 or via email to BOWDCenter@vdot.virginia.gov.

7. 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 Minority Business Enterprise certified DBE or SWaM prime or subconsultant is not to be included. When a DBE or SWaM firm graduates from the program, their workload incurred while a DBE or SWaM will be exempted for the next three years. Any workload obtained after graduating from the program will be counted. Work assigned, performed or under negotiation through VDOT's Professional Services Contracts on either Public Private Transportation Act (PPTA) or Design-Build projects shall be included. Work being performed under PPTA or Design-Build projects through a contract with a private entity shall not be included. The outstanding fee remaining is the maximum total compensation payable less the

amount previously paid to date. Categories A, B, C & D 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.

8. 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.

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.

9. Please indicate, by executing and returning the attached Certification Regarding Debarment forms, if your firm, subconsultant, 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.

10. If the prime consultant or subconsultant 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.
11. Each business entity (prime and subconsultants) 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 for each regulant by the use of a concise table or matrix. (All full size copies of State

Corporation Commission (SCC) and Department of Professional and Regulation (DPOR) supporting registration documentations should be included in the EOI and will not be counted towards page restriction):

.1 The SCC registration detailing the name, registration number, type of corporation and status of the business entity.

.2 For this Project/Contract, the 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 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 DPOR license information for those services not regulated by the Board for Architects, Professional Engineers, Land Surveyors, Certified Interior Designers, and Landscape Architects (i.e. 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) 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.

ADMINISTRATIVE

1. All business entities, except for sole proprietorships, are required to register with the Virginia State Corporation Commission (A Business Registration Guide is available on the Internet at <http://www.state.va.us/scc/division/clk/brg.htm>). 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.state.va.us/dpor>), 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 subconsultants in violation of the provisions of the Federal Immigration Reform and Control Act of 1986, which prohibits employment of illegal aliens.

3. The method of payment for this contract will be actual costs for each project assignment based on fixed billable rates. Assignments will be issued through an individual Task Letter of Agreement (LOA) signed by the VDOT Project Manager following approval of the Annual Work Plan (AWP). Each assignment shall be based on the hours agreed upon for performing the services multiplied by the fixed billable rates plus non-salary direct costs. Billing shall be based on the billable hours for performing services and supported for each employee classification directly engaged in the work multiplied by the fixed billable rate. For purpose of determining fixed billable rates, a Home and Field office 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 (CFR). The overhead rate shall be established by an audit by an independent CPA firm or cognizant government agency, subject to Department approval and based on the indirect (overhead) Home and Field office costs and average hourly labor rates per classification so that reasonable and representative fixed billable Home and Field office rates can be established. The Department has established a base hourly rate not to exceed \$32.37 for the classification of Inspector Coordinator, \$29.43 for the classification of Inspector Senior, \$23.35 for the classification of Regular Inspector, and \$17.09 for the classification of Inspector Trainee. When the specified scope of work falls within the Northern Virginia District the Department has established a base hourly rate not to exceed \$38.43 for the classification of Inspector Coordinator, \$34.94 for the classification of Inspector Senior, \$30.08 for the classification of Regular Inspector, and \$22.31 for the classification of Inspector Trainee. The average hourly rates per classification are determined by adding all base labor rates within the classification and dividing by the total number of employees in the classification and then limiting them to the base hourly rates established above, if required. If the Department modifies the established base hourly rates shown above, prior to execution of a memorandum of agreement with the selected firm, the firm will be permitted to use the modified base hourly rates in their fee proposal. Additionally, the department expects the Consultant team to have all necessary certifications and software knowledge required for the scope of services and will not reimburse for employee training and certification. Any Home office costs that are reimbursed as direct costs shall be eliminated from the indirect (overhead) Home or Field office cost pools.

In accordance with Department policy, a rate escalation will not be allowed in determining the fixed billable rates.

The Department will not pay expenses for travel and moving and relocations for the Consultant's Key Personnel and other members that are permanently assigned to the project, unless a specific individual with unique experience or expertise is requested by the Department. Additionally, the Key Personnel, identified in the RFP and EOI, will not be compensated for work hours exceeding 40 hours/week. The other members of the Consultant's team will not be compensated for work hours exceeding 40 hours/week without expressed written permission from the Department. The use of the Home or Field office overhead rate compensated for billing purposes will be determined by the time the employee spends in the Home or Field office. For other members performing technical work on the Project, Home and Field office fixed billable rates will be established for straight time hours and for premium overtime hours for work exceeding 40 hours/week.

4. All firms submitting Expressions of Interest (prime consultants, joint ventures and subconsultants) 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 subconsultants) 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. An example 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. 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 GSA Form 254 or 255 elsewhere in the submittal. All information must be submitted in QUADRUPPLICATE and **received no later than 4:00 p.m. on March 19, 2012**. In addition, one CD-rom containing a single cohesive electronic (Adobe PDF) copy of the EOI shall be submitted with the original, signed EOI. In the event that a disparity exists between the hard copy and electronic copy, the hard copy shall govern. Responses received after this time will not be considered.

US Postal Service Regular Mail, send to:

Commonwealth of Virginia
Department of Transportation (VDOT)
Central Office Mail Center
Loading Dock Entrance
1401 E. Broad Street
Richmond, Virginia 23219
Attention: Brenda L. Williams

Hand delivery, US Postal Service express mail, or private delivery service (FEDEX, UPS, etc.), send to:

Commonwealth of Virginia
Department of Transportation (VDOT)
Central Office Mail Center
Loading Dock Entrance
1401 E. Broad Street
Richmond, Virginia 23219
Attention: Brenda L. Williams

7. The Department assures compliance with Title VI of the Civil Rights Act of 1964, as amended. The consultant and all subconsultants selected for this project will be required to submit a Title VI Evaluation Report (EEO-D2) within 10 work days of notification of selection when requested by the Department. This requirement applies to all consulting firms when the contract amount equals or exceeds \$10,000.
8. The Department does not discriminate against an offeror because of race, religion, color, sex, national origin, age, disability, or any other basis prohibited by state law relating to discrimination in employment.
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 subconsultants 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 subconsultant 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.

FIRM DATA SHEET

Funding: S/F (S=State F=Federal)

Project No.: CFX/Route 460 Phase II
 Division: Scheduling & Contract Division
 EOI Due Date: March 19, 2012

The prime consultant is responsible for submitting the information requested below on all firms on the project team, both prime and all subconsultants. 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 Minority Business Enterprise

CERTIFICATION REGARDING DEBARMENT

PRIMARY COVERED TRANSACTIONS

(To be completed by a Prime Consultant)

Project: Route CFX/Route 460 Phase II

- 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

CERTIFICATION REGARDING DEBARMENT

LOWER TIER COVERED TRANSACTIONS

(To be completed by a Sub-consultant)

Project: CFX/Route 460 Phase II

- 1) The prospective lower tier participant certifies, by submission of this proposal, that neither it nor its principals is presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation in this transaction by any Federal department or agency.
- 2) Where the prospective lower tier 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

DIVISION: Scheduling & Contract Division
CONSULTANT SHORT LIST SCORE SHEET – FEDERALLY / STATE FUNDED PROJECT
(FOR PROFESSIONAL SERVICES)

EOI NO.: _____

PROJECT: CFX/Route 460 Phase II Project

FIRM: _____

DESCRIPTION: Professional Engineering Services

SUBS: _____

DATE:

		NUMERICAL VALUE						AVG.	WEIGHT	WEIGHTED EVALUATION
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 subconsultants) (1=least, 10=most)		1-10							15%	
TEAM'S EXPERIENCE PROVIDING SIMILAR TYPES OF SERVICES (Cumulative expertise, experience and qualifications of team in providing services as related to the scope of services) (1=least, 10=most)		1-10							25%	
KEY PERSONNEL'S EXPERIENCE PROVIDING SIMILAR TYPE OF SERVICES (Expertise, experience and qualifications of Key Personnel and team members in providing services as related to the scope of services) (1=least, 10=most)		1-10							25%	
QUALIFICATIONS OF THE CONSULTANT PROJECT MANAGER AND ASSISTANT PROJECT MANAGERS (DESIGN AND CONSTRUCTION) (Expertise, experience and qualifications of specific Key Personnel in providing services as related to the scope of services) (1=least, 10=most)		1-10							10%	
CONTRACT SCOPE AND PROJECT MANAGEMENT APPROACH (Firm/Team's understanding of the scope requirements, proposed strategies for implementing the scope of services.) (1=least, 10=most)		1-10							15%	
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 assigned, performed or under negotiation through VDOT's Professional Services contracts on either Public Private Transportation Act (PPTA) or Design-Build projects shall be included. Work being performed under PPTA or Design-Build projects through a contract with a private entity shall not be included.) † (Category A, B, C, D workload are counted on this selection*)	Above \$8,000,000	0							10%	
	7,000,001-8,000,000	1								
	6,000,001-7,000,000	2								
	5,000,001-6,000,000	3								
	4,000,001-5,000,000	4								
	3,000,001-4,000,000	5								
	2,000,001-3,000,000	6								
	1,500,001-2,000,000	7								
	1,000,001-1,500,000	8								
	500,001-1,000,000	9								
0-500,000	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, and bridge and traffic structure safety inspection.

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

**When determining total Present Workload with Department, the outstanding workload of each DBE/SWaM subconsultant will not be counted.

† The outstanding workload of any certified DBE or SWaM prime and subconsultant is not to be included. When a DBE or SWaM firm graduates from the program, their workload incurred while a DBE or SWaM will be exempted for the next three years. Any work obtained after graduating from the program will be counted.

GOOD FAITH EFFORT (Federally Funded Project with DBE Goal)

The Department will be accepting what consultants submit in their Expressions of Interest regarding good faith efforts. If a firm that has submitted good faith effort documentation makes the short list, the procuring Division Administrator (cannot be delegated unless he/she will be out of the office for more than 5 work days) along with a representative of the EO Division will determine if the good faith effort is acceptable.

When there is a contract goal, a consultant must make good faith efforts to meet it. The consultant can do so either through obtaining enough DBE participation to meet the goal or documenting the good faith efforts it made to do so. These means of meeting contract goal requirements are fully equivalent. 49 CFR Part 26 (the Rule) explicitly provides that the Department must not disregard showings of good faith efforts, and it gives consultants the right to have the Department reconsider a decision that their good faith efforts were insufficient. The Department is prohibited from denying a contract to a consultant simply because it did not obtain enough DBE participation to meet the goal. The Department must seriously consider consultants' documentation of good faith efforts. To make certain that consultants' showings are taken seriously, the Rule requires the Department to offer administrative reconsideration to consultants whose good faith efforts showings are initially rejected.

The Rule also ensures flexibility for consultants by requiring that any contract goal be waived entirely for a prime consultant that demonstrates that it made good faith efforts but was still unable to meet the goal.

When the Department sets a contract goal, the basic obligation of consultants is to make good faith efforts to meet it. They can demonstrate these efforts in either of two ways, which are equally valid. First, they can meet the goal, by documenting that they have obtained commitments for enough DBE participation to meet the goal. Second, even though they have not met the goal, they can document that they have made good faith efforts to do so. A refusal by the Department to accept valid showings of good faith is not acceptable under the Rule.

The Rule makes clear that the Department is not to use a "conclusive presumption" approach, in which the apparent successful consultant is summarily found to have failed to make good faith efforts simply because another consultant was able to meet the goal. However, the performance of other consultants in meeting the contract can be a relevant factor in a good faith effort determination, in more than one way. For example, when the apparent successful consultant fails to meet the contract goal, but others meet it, you may reasonably raise the question of whether, with additional reasonable efforts, the apparent successful consultant could have met the goal. It does not, by itself, prove that the apparent successful consultant did not make a good faith effort to get DBE participation, however. On the other hand, if the apparent successful consultant fails to meet the goal, but meets or exceeds the average DBE participation obtained by other consultants, the Department may view this, in conjunction with other factors, as evidence of the apparent successful consultant having made good faith efforts.

The fact that some additional costs may be involved in finding and using DBEs is not in itself sufficient reason for a consultant's failure to meet a DBE contract goal, as long as such costs are reasonable.

If the Department determines that the apparent successful consultant has failed to meet the requirements of a good faith effort, the Department must, before awarding the contract, provide the consultant an opportunity for administrative reconsideration. The Department intends that the process be informal and timely. The Department will ensure that the process is completed within a brief period (e.g., 5-10 days) to minimize any potential delay in procurements. The consultant will have an opportunity to meet with the reconsideration official, but a formal hearing is not required. As part of this reconsideration, the consultant must have the opportunity to provide written documentation or argument concerning the issue of whether it met the goal or made adequate good faith efforts to do so. The Department's decision on reconsideration will be made by an official who did not take part in the original determination that the consultant failed to meet the goal or make adequate good faith efforts to do so. The consultant must have the opportunity to meet in person with the reconsideration official to discuss the issues of whether it met the goal or made adequate good faith efforts to do so. The Department will send the consultant a written decision on reconsideration, explaining the basis for finding that the consultant did or did not meet the goal or make adequate good faith efforts to do so.

The Consultant for this Project will report quarterly, fifteen days after the quarter ends, to the Chief, Equal Business and Employee Opportunity on the accomplishments towards the goal and a Good Faith Efforts assessment will be made and communicated to the Consultant within 15 days after each report.

It is up to the Department to make a fair and reasonable judgement whether a consultant that did not meet the goal made adequate good faith efforts. It is important for the Department to consider the quality, quantity, and intensity of the different kinds of efforts that the consultant has made. The efforts employed by the consultant should be those that one

could reasonably expect a consultant to take if the consultant were actively and aggressively trying to obtain DBE participation sufficient to meet the DBE contract goal. Mere pro forma efforts are not good faith efforts to meet the DBE contract requirements. The Department's determination concerning the sufficiency of the firm's good faith efforts is a judgement call: meeting quantitative formulas is not required.

If DBE is prime, they will be allowed to count toward goals the work they commit to performing with their own forces, as well as the work that they commit to be performed by DBE subcontractors. DBE consultants on prime contracts will be expected to make the same outreach efforts as other consultants.

When a DBE participates in a contract, the Department will count only the value of the work actually performed by the DBE toward DBE goals. When a DBE subcontracts part of the work of its contract to another firm, the value of the subcontracted work may be counted toward DBE goals only if the DBE's subcontractor is itself a DBE. Work that a DBE subcontracts to a non-DBE firm does not count toward DBE goals. Count expenditures to a DBE contractor toward DBE goals only if the DBE is performing a commercially useful function on that contract. If a DBE does not perform or exercise responsibility for at least 30 percent of the total cost of its contract with its own work force, or the DBE subcontracts a greater portion of the work of a contract than would be expected on the basis of normal industry practice for the type of work involved, you must presume that it is not performing a commercially useful function. If a DBE firm loses certification, its work no longer counts toward the DBE goal.

All consultants will be required to submit the following information to the Department with the EOI:

- The names and addresses of DBE firms that will participate in the contract;
- A description of the work that each DBE will perform;
- The percentage amount of the participation of each DBE firm participating;
- Written documentation of the prime consultant's commitment to use a DBE subcontractor whose participation it submits to meet a contract goal;
- Written confirmation from the DBE that it is participating in the contract as provided in the prime contractor's commitment; and
- If the contract goal is not met, evidence of good faith efforts.

The Department has prepared a list based on Federal Regulations of some of the kinds of efforts that consultants may make in obtaining DBE participation. It is not intended to be a mandatory checklist. The Department does not require that a consultant do any one, or particular combination, of the things on the list, nor is the list intended to be exclusive or exhaustive; it merely offers examples. Other factors or types of efforts may be relevant in appropriate cases. In determining whether a consultant has made good faith efforts, it will usually be important for the Department to look not only at the different kinds of efforts that the Consultant has made, but also of the timeliness, quantity, and intensity of these efforts.

The Department offers the following examples of efforts that may be considered:

A. Soliciting through all reasonable and available means (e.g., attendance at project showings, advertising and/or written notices) the interest of all certified DBEs who have the capability to perform the work of the contract. The consultant must solicit this interest within sufficient time to allow the DBEs to participate effectively. The consultant must determine with certainty if the DBEs are interested by taking appropriate steps to follow up initial solicitations.

B. Selecting portions of the work to be performed by DBEs in order to increase the likelihood that the DBE goals will be achieved. This includes, where appropriate, breaking out contract work items into economically feasible units to facilitate DBE participation, even when the prime consultant might otherwise prefer to perform these work items with its own forces.

C. Providing interested DBEs with adequate information about the plans, specifications, and requirements of the contract.

D. (1) Negotiating in good faith with interested DBEs. It is the consultant's responsibility to make a portion of the work available to DBE subcontractors and suppliers and to select those portions of the work or material needs consistent with the available DBE subcontractors and suppliers, so as to facilitate DBE participation. Evidence of such negotiation includes the names, addresses, and telephone numbers of DBEs that were considered; a description of the information provided regarding the plans and specifications for the work selected for subcontracting; and evidence as to why additional agreements could not be reached for DBEs to perform the work.

D. (2) A consultant using good business judgment would consider a number of factors in negotiating with subcontractors, including DBE subcontractors, and would take a firm's costs, qualifications and capabilities as well as contract goals into consideration. However, the fact that there may be some additional costs involved in finding and using DBEs is not in

itself sufficient reason for a consultant's failure to meet the contract DBE goal, as long as such costs are reasonable. Also, the ability or desire of a prime consultant to perform the work of a contract with its own organization does not relieve the consultant of the responsibility to make good faith efforts. Prime consultants are not, however, required to accept higher quotes from DBEs if the price difference is excessive or unreasonable.

E. Not rejecting DBEs as being unqualified without sound reasons based on a thorough investigation of their capabilities. The contractor's standing within its industry, membership in specific groups, organizations, or associations and political or social affiliations {for example union vs. non-union employee status) are not legitimate causes for the rejection or non-solicitation of bids in the contractor's efforts to meet the project goal.

F. Making efforts to assist interested DBEs in obtaining bonding, lines of credit, or insurance as required by the recipient or contractor.

G. Making efforts to assist interested DBEs in obtaining necessary equipment, supplies, materials, or related assistance or services.

H. Effectively using the services of available minority community organizations; minority contractors' groups; local, state, and Federal minority business assistance offices; and other organizations as allowed on a case-by-case basis to provide assistance in the recruitment and placement of DBEs.

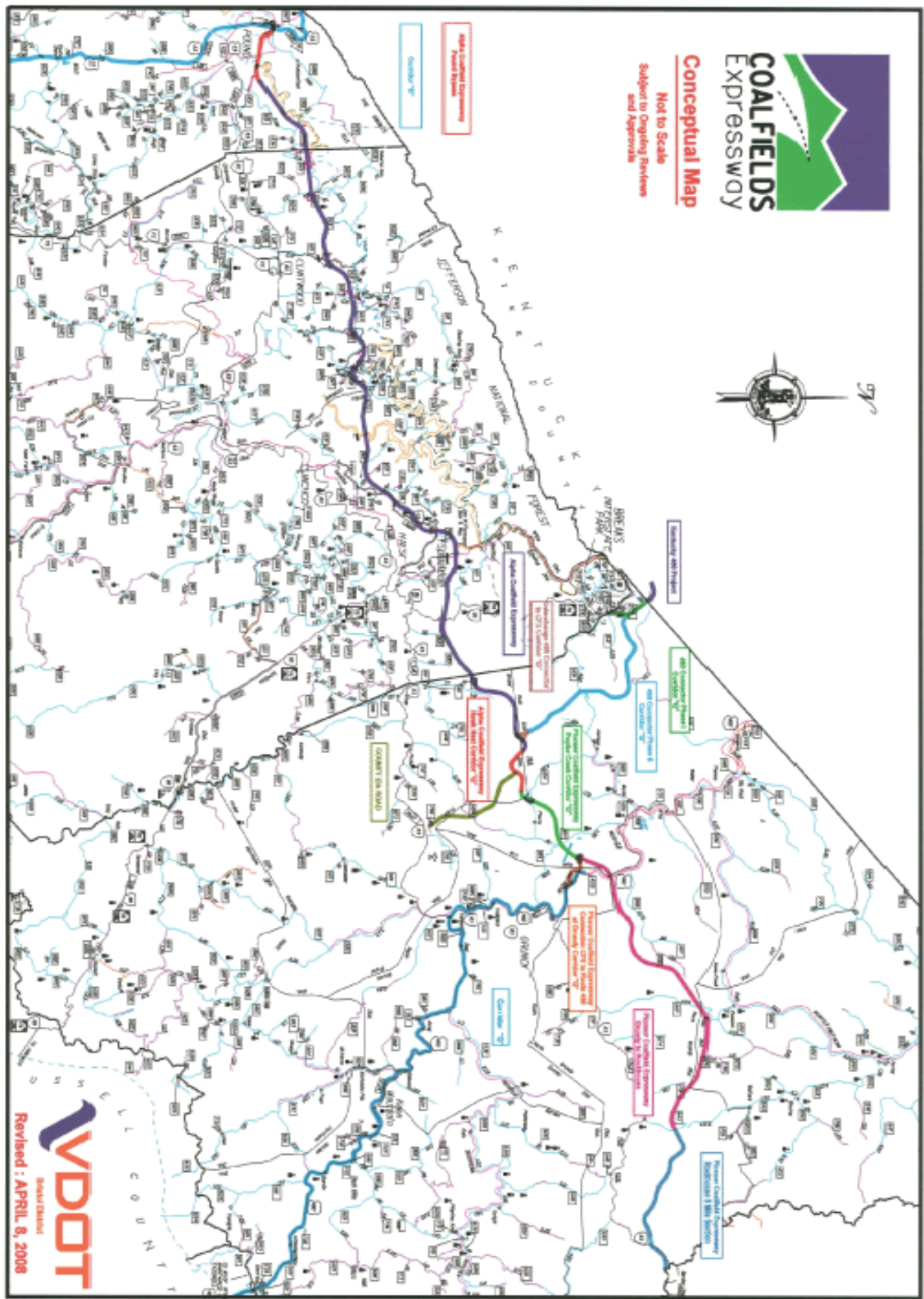
Appendix A



COALFIELDS EXPRESSWAY

Conceptual Map

Not to Scale
Subject to Ongoing Reviews
and Approvals



VDOT
Kentucky
Revised: APRIL 8, 2008