



Odd Fellows Rd

A DESIGN-BUILD PROJECT

Odd Fellows Road Interchange at US Route 29/460 and Road Improvements along US Route 29/460

From: 0.6 Miles East of Candler Mountain Road (Route 501 North)
To: 0.5 Miles West of Campbell Avenue (Business Route 460/501)
And Along Odd Fellows Road From: Top Ridge Road (Frontage Route 794)
To: Lynchburg Expressway (Business Route 29/501)
City of Lynchburg, Virginia

State Project No.: 9999-118-240, R201, C501, B628

Federal Project No.: NH-5118(209) | Contract ID Number: C00105515DB78

Submitted to: **Virginia Department of Transportation**

Submitted by: **W.C. English, Inc.**

In association with: **Parsons Brinckerhoff, Inc.**





Odd Fellows Rd



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August 7, 2014

Kevin Reichert, P.E.
Alternate Project Delivery Office
Virginia Department of Transportation
1401 East Broad Street
Annex Building, 8th Floor
Richmond, VA 23219

Re: **Letter of Submittal** – Odd Fellows Road Interchange at US Route 29/460 and Road Improvements, City of Lynchburg, Virginia

Dear Mr. Reichert:

The new interchange with Odd Fellows Road and US Route 29/460 will not only provide additional capacity and direct access to the City of Lynchburg’s First Industrial Park, but it will create significant improvements to other related corridors and intersections throughout the area. In the long term, these improvements will provide easier access and enhance economic development throughout the corridor.

W. C. English, Incorporated (English) has assembled a team of experienced firms and personnel who are focused on providing the Department with not only the best price for this project, but also an unsurpassed quality. English, along with many of our team participants, are members of the Lynchburg community and are committed to making this a successful and useful project for both the City of Lynchburg and Campbell County. In addition, we have identified regional firms and personnel who bring similar experience and knowledge to the team. I am confident our SOQ presents a team of unmatched experience and accomplishment for which English is long recognized.

Our design and engineering partner for this project is **Parsons Brinckerhoff**. Other team members include **ECS Mid-Atlantic, LLC**, (QA testing; environmental permitting); **NXL Construction Services, Inc.** (construction QC testing); **Pulsar Advertising, Inc.** (public involvement); **Stantec Consulting Services, Inc.**, **Appraisal Review Specialists, LLC** and **Crider, Bouye, Elliott** (VDOT-prequalified right-of-way manager, fee appraiser and review specialist); and **Thompson & Litton** (survey).

As requested in section 3.2 of the RFQ, the Orders team offers the following information:

3.2.1, 3.2.2, 3.3.3 Wilson L. Dickerson, Jr., P.E. (Senior Vice President) is the *principal officer* of W.C. English, Incorporated the legal entity with whom a design-build contract with VDOT will be written. Mr. Dickerson will serve as the *authorized representative and point of contact* for the English team relative to this SOQ, and he will serve as the offeror’s representative. His contact information is shown to the right.

W. C. English, Incorporated
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3.2.4 English is structured as a corporation and is not a limited liability company, joint venture, or any form of partnership. English will undertake the financial responsibility for this design-build project, provide the required bonding, and accept the risks and liabilities for the performance of the work. English has no liability limitations.

3.2.5 W. C. English, Incorporated will serve as the lead contractor and will execute the Contract with VDOT. Parsons Brinckerhoff will serve as the lead designer. More information on the history and expertise of these firms, as well as our sub-consultants and subcontractors, can be found in section 3.3

3.2.6 See Attachment 3.2.6 in the Appendices.

3.2.7 See Attachments 3.2.7 (a) and 3.2.7 (b) in the Appendices.

3.2.8 W. C. English, Incorporated's certification number is E009 and we are an active prequalified contractor designated to do business with VDOT. A copy of certificate is included in the Appendices.

3.2.9 In the Appendices, please find a letter from Travelers Casualty & Surety Company regarding English's bonding capability.

3.2.10 See Attachment 3.2.10 in the Appendices.

3.2.11 English is fully committed to meeting and/or exceeding the 3% DBE participation goal for the entire value of the contract. Our team already includes the following subconsultants to help fulfill this goal: **NXL Construction Services, Inc. (DBE 626437); and Pulsar Advertising, Inc. (DBE 005622)**

Our team is 100 percent committed to delivering a successful quality project to VDOT on-time and on-budget. We appreciate the opportunity to submit our qualifications to you and look forward to being selected to pursue this project in greater detail. If you have any questions or need further information, please contact me.

Respectfully submitted,

W. C. English, Incorporated



Wilson L. Dickerson, Jr., P.E.
Senior Vice President



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3.3 | OFFEROR’S TEAM STRUCTURE

The W.C. English, Inc. Team is comprised of highly skilled firms and individuals to create an integrated team structure that effectively utilizes the Design-Build (DB) process and capitalizes on the strongest attributes of each team member’s capabilities. English’s role will include managing the total design and construction of the project and self-performing the major work elements. Parsons Brinckerhoff, Inc. joins English as the Lead Designer. *The table below illustrates the English Team’s structure—the construction contractors and the design consultants.*

W.C. English, Inc.	<i>DB and prime contractor, overall management</i>
Parsons Brinckerhoff, Inc.	<i>Lead designer; Quality Assurance</i>
Appraisal Review Specialists	VDOT-prequalified right-of-way review appraiser
Crider, Bouye, Elliott	VDOT-prequalified right-of-way fee appraiser
ECS Mid-Atlantic, LLC	QA Testing, AMRL-certified technicians/lab; env. permitting
NXL Construction Company	QC Inspection, AMRL-certified technicians/lab
Pulsar Advertising, LLC	Public involvement/relations
Stantec Consulting, Inc.	VDOT-prequalified right-of-way manager
Thompson & Litton	Survey

ENGLISH

W.C. English, Inc. is a third generation family-owned business with a tradition of excellence dating back to 1909. The company’s areas of expertise have expanded through the years to include roadway and bridge facilities (both DB and bid-build), civil, and utility projects. Today, English is a multi-disciplined construction firm, with its primary work being performed in Virginia, close to our Lynchburg headquarters. Working under the leadership of 120 tenured personnel, English’s staff of 600 employees has sustained as many as 40 concurrent projects. English’s diversity, tenured office, and top-notch field personnel have contributed to the company’s solid financial strength, which is evident by its 60-year relationship with the same bonding company. Throughout English’s dynamic history, the company has never outgrown the values and mission that have made it successful since its inception in 1909.

PARSONS BRINCKERHOFF

Founded in 1885, **Parsons Brinckerhoff, Inc.** provides multi-disciplinary services for all types of transportation projects, all around the world. As a pioneer in developing major highways and roadways, Parsons Brinckerhoff has designed the full spectrum of highways: small to large, urban to rural, simple to complex. The firm has played a key role in some of the Commonwealth’s most significant transportation projects for VDOT—including the Route 895 Pocahontas Parkway over the James River and the Elizabeth River Tunnels project. With offices in Hampton Roads, Richmond and Northern Virginia, Parsons Brinckerhoff will continue to support VDOT’s program for providing safe, well-maintained infrastructure for the traveling public.

For this project, Parsons Brinckerhoff will also provide the QA Services. Parsons Brinckerhoff has provided quality assurance services on over 50 major highway, bridge and tunnel projects, totaling nearly \$10 billion in constructed value and over 18,000 miles of roadway since 1990. The firm’s projects include new construction, roadway widening, and reconstruction programs that are recognized by peers for quality, excellence, and customer service. Parsons Brinckerhoff has provided these services to VDOT on projects throughout the Commonwealth—from the Coleman Bridge in Yorktown, to the Gilmerton Bridge in Chesapeake, and the Woodrow Wilson Bridge in Northern Virginia.

3.3.1 Qualifications of Key Personnel

Resumes of the Key Personnel are included as Attachment 3.3.1 - Key Personnel Resume Forms. All key personnel will be available from the onset of this project. Key Personnel are identified below.

DESIGN-BUILD PROJECT MANAGER: Judson Dalton, LEED-AP | Jud will be responsible for the success of the overall project, including design, permitting, right-of-way, utility relocation, QA, construction quality management, and contract administration. He has been a project manager with English since 2008 and has managed numerous transportation projects. His most recent project experience includes serving as the Design-Build Project Manager for the \$38 million North Gayton Road DB project in Henrico County, which included widening an existing facility from two to four lanes, a bridge over I-64, MSE walls, signal installation, and maintenance of traffic. The project was delivered on time and at a reduced cost to the owner.

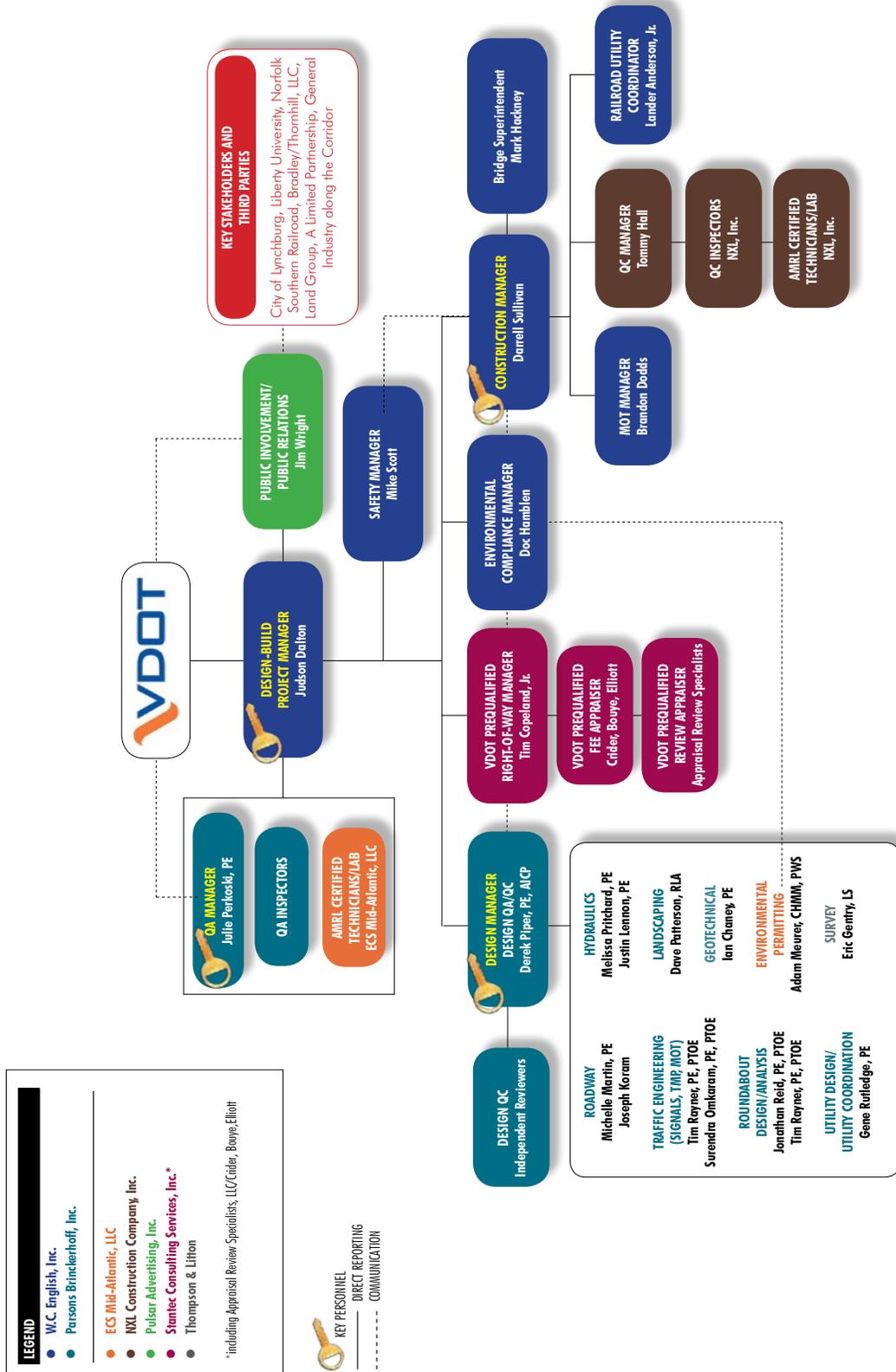
QUALITY ASSURANCE MANAGER: Julie Perkoski, PE | Julie has nearly 30 years of construction oversight experience and has provided quality assurance services for various VDOT DB projects. She is thoroughly familiar with *VDOT Minimum Requirements for Quality Assurance and Quality Control on Design Build and P3 Projects*, January 2012. Julie has served as QAM on three VDOT DB projects, as detailed in Attachment 3.3.1. Additionally, in 2013, she served as Acting Area Construction Engineer in the Richmond District South Area. **Julie is a registered, licensed Professional Engineer in the Commonwealth of Virginia.**

DESIGN MANAGER: Derek Piper, PE, AICP | Derek has over 29 years of civil engineering experience, including more than 18 years managing complex highway/roadway improvement projects. His responsibilities as a Project Manager have included coordinating the individual design disciplines and ensuring overall project design is in conformance with contract documents and delivered on time and within budget. He has specific expertise in managing arterial roadway widening projects involving right-of-way acquisition, environmental permitting, complex maintenance of traffic phasing/staging, and utility relocations. He is responsible for conducting quality reviews for all deliverables and ensuring client satisfaction. **Derek is a registered, licensed Professional Engineer in the Commonwealth of Virginia.**

CONSTRUCTION MANAGER: Darrell Sullivan | Darrell brings 34 years of experience in roadway and bridge construction to this project serving as a senior construction manager on an array of transportation projects. He has managed the construction of complicated projects, all with high traffic volumes and extensive maintenance of traffic for both DB and bid-build projects. He directly oversees all construction operations to include self-performing the grading, E&S, storm installation, bridge construction, MOT and manages all subcontractor work. **Darrell will be certified as a Virginia Department of Environmental Quality (DEQ) Responsible Land Disturber (RLD) and will have VDOT Erosion and Sediment Control Contractor Certification (ESCCC) prior to the commencement of construction for the Odd Fellows Road Interchange Project.**

3.3.2 Organizational Chart

The English team is structured to provide VDOT with a single point of contact, the Design-Build Project Manager (DBPM), Judson Dalton, who will be responsible for all design and construction activities and the overall management of a well-integrated team. *Our reporting and functional relationships are described below and delineated on the Organizational Chart on the following page.* The English team organization has a straight-forward chain of command, with individual tasks, responsibilities, and



functional relationships clearly identified. Further, a distinct separation is shown between construction and QA; including the separation between the respective QA and QC inspection and field/AMRL-certified laboratory testing facilities in accordance with the *Minimum Requirements for Quality Assurance and Quality Control on Design Build and P3 Projects, January 2012*. The Organizational Chart depicts VDOT and third parties, stakeholders, key personnel, support personnel, and their relationships and functions.

Functional Relationships and Communication among Participants, including Design and Construction Team Interaction throughout the project. The English team ascribes to the DBIA paradigm that “integrated development of the design and construction program is the cornerstone of DB delivery, and this methodology optimizes opportunities for collective excellence.” DB delivery carries with it a united team responsibility to gain a full understanding of the owner’s intentions and the factors that will drive value into the process and outcome. Put into practice, English’s DBPM, CM and construction personnel will interface with design counterparts from Parsons Brinckerhoff and Stantec’s right-of-way manager throughout the entire design and construction phases.

Design–Construction Interface. The English team’s extensive DB experience has shown that a *Task Force approach* during the design stage and throughout project execution is critical to ensuring a successful project. Led by the DBPM, these regular, open forums of discussion among team members and VDOT to address respective project elements serve to clearly define project criteria, ensure VDOT’s intentions are being met, address corridor-wide constructability issues, and provide consistency in design before becoming schedule-critical. Through this approach, we create a firm relationship that sets the foundation to interact and partner with VDOT and third-party stakeholders, streamline reviews, eliminate potential construction field issues, and deliver the project safely, on time, and within budget.

Role	Design/Construction Interface
<p>Design-Build Project Manager (DBPM) Judson Dalton Reports to VDOT</p>	<ul style="list-style-type: none"> - DB Team point of contact to VDOT. - Responsible for project design, permitting, R/W acquisition, utility relocation, construction, quality management and contract administration. - Directs DM, CM, and QAM - Chairs and manages the project Task Forces. - Responsible for overall project safety—design and construction.
<p>Quality Assurance Manager (QAM) Julie Perkoski, PE Reports to DBPM</p>	<ul style="list-style-type: none"> - Independent from all construction operations. - Coordinates with the Design QA for DQMP compliance. - Interacts directly with the DBPM. - Authority to stop work on the project due to poor quality.
<p>Design Manager (DM) Derek Piper, PE, AICP Reports to DBPM</p>	<ul style="list-style-type: none"> - Directs and coordinates the integration of design disciplines. - Responsible for the design schedule and overall design quality. - Through DBPM, coordinates with VDOT’s design review team. - Communicates with CM. - Collaborates with the R/W Manager during design development
<p>Construction Manager (CM) Darrell Sullivan Reports to DBPM</p>	<ul style="list-style-type: none"> - Coordinates with DM during design for constructability issues. - Manages and supervises all self-performed activities, MOT, E&S installation and maintenance, and all subcontractors. - Responsible for construction-related field issues.



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3.4 | EXPERIENCE OF OFFEROR'S TEAM

Both English and Parsons Brinckerhoff are among the nation's top-ranked firms in their respective disciplines. We have designed, built and maintained some of our country's most important infrastructure. Each firm has earned industry-wide recognition for their success in controlling, managing, and executing work. The blend of similar interchange improvement projects completed by these firms confirms our qualifications to successfully deliver all elements of this project.

English has worked on numerous projects where construction staging and sequencing were an integral part of maintaining public access during construction and for minimizing impacts to stakeholders. English has successfully delivered projects that include the same relevant construction elements as the Odd Fellows Road project, as documented by 3.4.1(a).

Parsons Brinckerhoff has developed a strong working relationship with all of the subconsultants proposed. For example, Stantec, Inc. performed right-of-way acquisition for 200+ parcels on US 17 (Dominion Boulevard) under contract to the City of Chesapeake; 75+ parcels for I-64 Widening under contract to the Design-Builder; and performed utility coordination for I-295/Meadowville Road Widening & Interchange Improvements under contract to Parsons Brinckerhoff. In addition, Parsons Brinckerhoff has developed a strong relationship with Thompson & Litton over several years, with Thompson & Litton providing surveying services to Parsons Brinckerhoff and Parsons Brinckerhoff providing traffic engineering services to Thompson & Litton on numerous projects.

3.4.1 Work History Forms

Work History Forms are included in the Appendix. In these forms, we have used the  icon to represent DB projects.



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3.5 | PROJECT RISKS

The English/Parsons Brinckerhoff Team has been engaged in pursuing this project for many months. Through numerous site visits, independent research, as well as meetings and conversations with VDOT staff and the City of Lynchburg, we have determined that the three risks with the greatest potential to impact project success are: Stormwater Management and Environmental Permitting; Traffic Management and Safety during Construction; and Right-of-Way Acquisition. In the following sections, we discuss each risk, why it is critical, the potential impact to the project, and our mitigation strategies, including VDOT’s role.

Critical Risk No. 1 –Environmental Permitting & Stormwater Management

The English/Parsons Brinckerhoff Team includes a builder and designer with significant experience and expertise with addressing both temporary and permanent stormwater controls and addressing complex environmental approvals for DB projects as documented on Work History Forms 3.4.1(a) and 3.4.1.(b). This is a critical risk as stormwater management impacts right-of-way acquisition needs, while environmental permitting affects project approvals needed to proceed with construction, and both are schedule critical.

Wetlands & Stream Relocation Permitting. Based on our knowledge of the area, previous work performed within the corridor, information presented in the Environmental Assessment (December 2012), the Mitigation Assessment (Feb. 19th, 2014), and the Conceptual Plans provided, the project involves wetland impacts of 0.998 Acres and stream impacts of 2,561 Linear Feet as stated in the Mitigation Assessment based on the preferred alternative in Segment A. One other area of concern is in Segment B1 at approximately station 4500 to station 4900. There is an existing open channel carrying storm runoff from the intersection of Bradley Drive to the north until it reaches an existing storm structure (Rt. Of Sta. 4700) carrying the water to the east and eventually outside of the project limits. The Environmental Assessment only touches on construction at the new interchange, 600 feet of existing Odd Fellows Road to tie into the new intersection, and improvements to the Odd Fellows Road/Mayflower Dr. intersection. However, the preliminary plans show a new shared use path directly on top of the existing open channel creating environmental risk. Also, none of the reference documents address any potential grade change in this area due to sight distance issues which would only exacerbate the open channel issues as well as bring in concern about having to extend the existing storm structure (Sta. 4700) creating potentially even more stream impacts. Impacts to wetlands and streams will require Section 401/404 permits from the U.S. Army Corps of Engineers and VDEQ, and the Virginia Marine Resources Commission Subaqueous Bed Permit. Obtaining environmental permits is a critical risk both from a project schedule standpoint and understanding/controlling the cost of compensation/mitigation for the potential 1.64 acres of wetland mitigation and the 2,785 lf of stream mitigation, in Segment A alone. Any delay in obtaining the environmental permits could potentially impact the construction schedule and overall project development.

English will evaluate alternatives to minimize stream and wetlands impacts, including the use of MSE walls and open bottom culverts.

Stormwater Quantity/Quality Management. The Odd Fellows Road Interchange Project involves a new interchange along with widening/improvements to existing Odd Fellows Road, increasing the impervious area. The impacts to stormwater quantity/quality must be addressed in accordance with the Virginia Stormwater Management Act and the accompanying Virginia Stormwater Management Program (VSMP) Permit Regulations. This is a critical risk because the project traverses an undulating

roadway alignment, with several low points, requiring stormwater to be addressed at several locations throughout the corridor. For example, Segment B1 includes low points at the intersection with Mayflower Drive, around Station 4000+50 near the Virginia Employment Commission property, and near the Bradley Drive intersection. The low point near Bradley Drive is of specific concern since this collects over 1500-feet of the widened roadway with a curb & gutter section. The stormwater quantity/quality management must be evaluated and designed to meet the regulations noted above, to allow construction to commence, which could impact the project schedule and cost. The project will also include off-site borrow pits that must be addressed by the project VSMP. As **mitigation**, the English/Parsons Brinckerhoff Team will confirm the “grandfather” status of the project in initial discussions with the VDEQ, since the “grandfather” designation requires less treatment of existing impervious area and less stringent requirements for water quality. The English/Parsons Brinckerhoff team will also consider the implementation of several new stormwater ponds within sections B1 & B2, to address stormwater requirements. For example, profile grade changes to improve the sag vertical curve around Station 4800 will exacerbate the driveway access grade to the Vance & Winifred Driskill property (3117 Odd Fellows Rd) across from Bradley Drive. A new stormwater pond may be considered on this property to address stormwater management needs of the sag vertical curve and to eliminate the need for access improvements.

As an overarching mitigation strategy for Critical Risk No. 1, the English/Parsons Brinckerhoff Team proposes the use of an Environmental Task Force with bi-weekly meetings / teleconferences to drive the identification and resolution of issues and action items necessary to address critical risks associated with stormwater management and environmental approvals. The task force will include VDOT project management and environmental personnel as required, along with the English/Parsons Brinckerhoff Team, the City of Lynchburg and additional stakeholders.

The Task Force will review wetland delineation field work, including completion of the Uniform Stream Methodology forms, and will give it the highest priority, in order to obtain a final jurisdictional determination confirming the limits of waters of the U.S. within the project area and to determine compensatory stream and wetland credits. Concurrently with the jurisdictional determination, the drainage design including stormwater pond location/sizing, locations of cross culverts, and rough grading will be accelerated. Minimization efforts will include collaborative efforts with permitting agencies to reduce stream and wetlands impacts. For example, open bottom (Conspan) type culverts will be considered in the interchange area. Structures that would be good candidates for the open bottom culvert are storm pipe str. 6-10 (60in.), str. 6-28 (80in.), and str. 6-29 (84in.) as shown in the preliminary plans. The open bottom culverts could assist in the self-mitigation of relocated channel #4 and #5 as shown in the Mitigation Assessment. MSE walls could be added between Bridge B-624 Abutment B Ramps C&D, to reduce the footprint of the west abutment and the corresponding storm drain structures (6-10, 6-28, & 6-29), decreasing impacts, and reduce the fill quantity. Retaining walls of various types will also be analyzed to reduce any impacts to the open channel and the possibility of the pipe extension in the area of Sta. 4700. The Joint Permit Application will be developed during early stages of the project for timely submittal to permit agencies. We will explore options to compensate for impacts to jurisdictional streams and wetlands that are cost effective and beneficial to the overall project schedule. All permitting activities will be included in our project CPM schedule. Each activity will be broken down utilizing appropriate work breakdown structure creating activities and logically linked to all other proceeding and subsequent activities so that the permitting process can be monitored and managed throughout the duration of the contract.

VDOT's Role in Mitigating Critical Risk No. 1

VDOT's role in mitigation is limited to oversight and review of environmental permit applications and stormwater plans development , to confirm that such are in accordance with the approved NEPA documents.

Critical Risk No. 2 – Traffic Management and Safety During Construction

From a traffic management and worker safety perspective, this project includes several issues that must be addressed as part of the project Transportation Management Plan. First, the project involves constructing auxiliary lanes and ramps adjacent to US Route 29/460 along with a new bridge crossing US Route 29/460, a high speed controlled access facility (Segment A). The project also includes significant geometric improvements to existing Odd Fellows Road, requiring significant cuts and fills along the existing roadway profile, with the potential to create access management issues during construction, specifically in Segment B1 from station 3100 thru 5900. The project also includes implementation of roundabouts at two locations (Segments B1 & B2), while maintaining through traffic and intersection street traffic. Finally, the project includes staged construction to replace and widen the existing bridge over Norfolk Southern rail lines (Segment B2). This is a critical risk due to the need to coalesce all of the competing project requirements into a Transportation Management Plan. Thus, it is imperative to the project's success that measures are implemented to maintain adequate traffic levels of service for the existing users which include 8,700 vehicles per day (roughly 14% trucks) in Segment B2 and 1,550 vehicles per day (roughly 14% trucks) in Segment B1 as shown in the Interchange Justification Report), while ensuring safety of users and construction staff throughout the project duration and allowing for phased & staged construction. A number of specific issues will need to be addressed to mitigate this critical risk. These issues, the proposed mitigation, and VDOT's role in mitigation are presented below:

Traffic & Worker Safety During Construction. The project involves work adjacent to US Route 29/460 travel lanes and work within the median of US Route 29/460 which currently carries 36,300 vehicles per day (8% trucks) and is the access to several retail centers and Liberty University while serving as a major corridor for truck traffic. Construction adjacent to and in the median of existing US Route 29/460 will serve as a source of distraction for drivers, as the adjacent concrete barrier effectively “narrows” the roadway/recovery area, places additional objects within the area that have the potential for conflicts, and creates a less friendly and forgiving environment for through traffic. MOT during construction is a critical risk since implementation of the work zone will both decrease capacity and increase the potential for crashes in an area that currently has high crash rates prior to construction operations. Incidents impact traffic flow and increase congestion and queuing, further increasing the potential for crashes. As mitigation, there are several strategies to reduce the impact construction has on safety and congestion, namely, a robust MOT plan and Traffic Management Plan (TMP), technology, and public outreach.

A robust MOT/TMP will consider the appropriate lane widths, speed limit, signage, pavement markings, tapers, etc. to provide clear direction to drivers at all times, warn motorists in advance, and maximize the friendliness/forgiveness of the work zone, while balancing the needs of safety and construction. The MOT will need to create safe access points for construction personnel to utilized entering and exiting the median construction area. The MOT plan can also limit/minimize the access to the outside shoulders directly from the travel lanes requiring access to those shoulder areas from Odd Fellows Rd. and Top Ridge Rd. as phasing allows. Material deliveries and stockpiling will also need to be accounted for in

the MOT plan for the median and the outside shoulders of US Route 460. Temporary Advanced Traffic Management Systems (ATMS), such as Dynamic Message Signs (DMS) and variable speeds limits helps maximize how smoothly and efficiently traffic flows given the conditions. Public information personnel and DMS will be used to inform motorists in advance of any upcoming changes to traffic patterns and lane closures.

Roadway construction staging for Odd Fellows Road. From information provided, each of the segments of Odd Fellows Road presents different challenges. Segment A involves deep cuts and fills, to create the roadway subgrade for the Odd Fellows Road extension and ramps C&D adjacent to the north side of US Route 29/460 and on the south side to relocate Top Ridge Road to accommodate the proposed round-about. Segment B1 includes widening and vertical geometric improvements on existing alignment, while maintaining access to adjacent businesses, and implementation of a round-about at Mayflower Drive. Finally, Segment B2 includes widening on existing alignment while addressing the staged construction issues of the NSRR bridge as discussed in detail below. This is a critical risk, since each roadway Segment needs to be addressed differently as part of the Transportation Management Plan. As mitigation, Segment A can generally be addressed as a new alignment roadway for Odd Fellows Road, with a long-term road closure and detour for Top Ridge Road. For Segment B1, the road widening and geometric modifications will likely impact access to adjacent properties. To accommodate the vertical geometric modifications needed at Station 3100 and Station 5900 while maintaining access to adjacent properties, temporary closures and a local traffic detour via Bradley Drive will be considered, in consultation with the City of Lynchburg. Another challenge for Segment B2 will be constructing the round-about in stages, while maintaining intersection traffic. Again, temporary detours using Bradley Drive and Carroll Avenue can assist in accommodating intersection traffic during construction of the round-about. Finally, for Segment B2, mitigation may include shifting the location of the round-about at Albert Lankford Drive / Murray Place to the east, to allow for maintenance of traffic during construction.

Bridge construction staging. From information provided in the Request for Qualifications, VDOT intends for the project to include both a new bridge carrying Odd Fellows Road over US Route 29/460 as well as a new bridge carrying Odd Fellows Road over Norfolk Southern Railroad (NSRR). This is a critical risk because the proposed structure will need to be placed over existing US Route 29/460 travel lanes, with abutments located in close proximity to the travel lanes. This is a potential impact because the Abutment A embankment will be constructed on 20-feet of fill material, while the Abutment B embankment will be constructed on 55-feet of fill material. The mitigation strategy includes placing girders during night operations under a temporary roadway closure, to minimize disruptions to US Route 29/460 traffic. Similarly, additional MSE walls will be considered, especially for Abutment B, to potentially reduce the embankment footprint, associated stream/wetland impacts, and as cost savings initiative.

For the proposed bridge carrying Odd Fellows Road over NSRR, the issues are very different. This is a potential impact since the existing bridge cannot be replaced on existing alignment without implementing a total closure of Odd Fellows Road with a detour or a staged construction approach. As **mitigation**, various replacement options will

In 2012, English completed the North Gayton Road project (see Work History form), including a new bridge structure over I-64. The project included lane closures and night work operations for setting girders.

In 2013, English completed superstructure replacement and repairs to Rt. 128 WBL (Candler's Mountain Road) over Norfolk Southern yard and mainline tracks in Lynchburg. English coordinated construction work with Norfolk Southern to complete the project.

be evaluated in detail. One option involves a replacement on existing alignment (as shown on the plans included with the RFQ), with the proposed bridge constructed under a road closure. Another option involves a generally parallel relocation using staged construction, to allow for maintenance of traffic on Odd Fellows Road. It appears that both options will require superelevation/transition within the limits of the bridge structure. The re-alignment option could be implemented by “angling” the proposed roadway from the round-about to the horizontal curve south of the bridge.

VDOT’s Role in Mitigating Critical Risk No. 2

VDOT’s role in traffic management and safety during construction as an oversight role, primarily approval of the TMP and assistance in required coordination with the City of Lynchburg. In addition, VDOT will need to assist with the standard role of public notifications of changes in travel patterns and lane closures.

Critical Risk No. 3 – Right-of-Way Acquisition

From a review of the preliminary plans, it appears that the proposed widening and grade changes will necessitate right-of-way acquisition of approximately 50 parcels including at least two residential relocations and access modifications for several commercial parcels. Many of the specific issues of adjacent landowners are included in the detailed discussion of Third Party Coordination included in Section 3.6. The affected property owners include the Virginia Department of Motor Vehicles (DMV), the Virginia Employment Commission, the U.S. Postal Service, FedEx, several Liberty University properties, utility companies requiring easements, and others. The impacts to these parcels vary from the additional right-of-way needed for the widening, to also include access modifications, temporary construction easements, new stormwater ponds and/or permanent utility easements. If not managed properly, right-of-way acquisition poses a significant risk to the success of this project.

Relocations & Negotiations. The residential relocations required for project implementation are a critical risk due to all the specific steps required per the VDOT requirements, and the potential for schedule delays. This is a critical risk due to potential schedule impacts to the project. As mitigation, early right of way efforts will be concentrated on those properties where the owners require relocation assistance to offer the displaced landowners ample time to find suitable replacement housing. Stantec will co-locate relocation services with English to provide private meeting space for displaces, if necessary. Additionally, Stantec relocation agents are well-versed in the negotiation aspects of the acquisition and will be able to work with the owner to successfully conclude the transfer of the real property interests.

Norfolk Southern Railroad (NSRR). A discussion of risks associated with construction of a new bridge over NSRR are also included above under Critical Risk No. 2, regarding bridge construction staging. From a right-of-way perspective, this is a critical risk due to the time requirements of gaining NSRR approval of the bridge plans, finalizing the railroad agreement, and getting NSRR to execute the agreement and issue permits for construction.

Property Access Modifications. The Odd Fellows Road Interchange project includes geometric modifications to Odd Fellows Road that will create both temporary (during construction) and permanent changes to property accesses within the corridor. This is a critical risk due to the potential to impact business operations for property owners within the corridor. Specifically, the vertical geometric modifications will impact several commercial driveways, requiring staged construction. As mitigation,

the TMP/MoT Plans will be developed to address temporary access during construction and staged construction of driveways.

US Postal Service (USPS). The preliminary plans for Segments B1 & B2 include modifications to both access driveways to Odd Fellows Road for the USPS property, along with a “strip take” along Odd Fellows Road and impacts to the employee parking area. This is a critical risk due to the long schedule duration involved in the acquisition of federal-owned property. As mitigation, the English team will work collaboratively with leadership from the local facility to both minimize acquisition (reducing impacts to the employee parking area) and address access during construction.

Virginia Employment Commission and Virginia DMV. The project will include acquisition of two state-owned properties. An initial thought may be that it will be easy to obtain early right-of-entry for these properties, since they are state owned. However, our experience with acquiring non-VDOT state owned properties has been a requirement to follow the standard process. It does appear that the impacts to these properties only involve “strip takes” and access driveway modifications noted above.

Utilities. From a review of the preliminary plans provided and our prior knowledge of the area, it appears that the majority of the overhead utilities are currently located within public right-of-way. However, this remains a critical risk since the widening will require relocation of these facilities, and the relocation of the overhead utilities cannot be completed until the new right-of-way is acquired.

As **mitigation** for risks associated with NSRR, the English team will include railroad coordination work elements in the Work Plan and on the project CPM schedule as defined tasks. In addition, railroad coordination during design will be performed by Derek Piper, who is familiar with the VDOT’s railroad agreement development process.

As an overall mitigation strategy for right-of-way acquisition, the English team will direct Stantec to work in advance of the right-of-way notice to proceed, to perform title searches in an effort to identify properties with liens and other encumbrances. Based on our findings, we will develop a strategy to accelerate the acquisition schedule on problem properties, to allow more time to obtain releases and facilitate a quick settlement. Where practical, and in keeping with VDOT policy, Stantec will recommend the use of Basic Administrative Reports (BARs) to allow the appraisers to concentrate on more complicated valuations and to maintain the project schedule. Upon receiving right-of-way notice to proceed, the English Team will deliver a formal acquisition and relocation plan to the VDOT. This document will include a prioritized appraisal schedule and lay out the framework for acquiring all properties in accordance with the Uniform Relocation and Real Property Acquisition Policies Act of 1970, as amended, and VDOT’s right-of-way procedures.

VDOT’s Role in Mitigating Critical Risk No. 3

Of course, VDOT right-of-way staff will need to engage in the right-of-way acquisition process as required per the Virginia Right-of-Way Manual of Instructions, and to facilitate negotiations / discussions with NSRR regarding replacement and widening of the existing bridge over the railroad.



Odd Fellows Rd

3.6 | THIRD PARTY COORDINATION

The English/Parsons Brinckerhoff team has identified the following entities as the most relevant and critical Third Party's that absolutely must be addressed during project development: the City of Lynchburg; Liberty University; Norfolk Southern Railroad; the Bradely/Thornhill, LLC; the Land Group, A Limited Partnership;,, and, businesses located within the corridor (NB- Handy, Fedex, U.S. Postal Service, Virginia DMV, Virginia Employment Commission, etc.)

First, the **City of Lynchburg** is relevant/critical for many reasons, due to the importance the City has placed on this project (No. 3 on their Capital Improvement Plan) and City desires for including aesthetic treatments in the corridor. Based on our conversations with City leadership over the past 18 months, we understand that the City desires to complete all of the project segments. We also understand that VDOT has been in discussions with the City regarding specific aesthetic treatments that will be included as part of the project, based on the City's *Draft Campbell Avenue / Odd Fellows Road – Land Use & Corridor Master Plan Study, dated May 2013*. Over the past 18+ months, we have met with City Manager L. Kimball Payne, III and City Engineer Lee Newland several times to discuss this project. As such, we thoroughly understand project importance and the City's desires for the project. The City is clearly interested in improving mobility, improving access to the City, and implementing the aesthetic treatments from their Corridor Master Plan, to create a "gateway corridor" to the City. We expect the formal Request for Proposals to clearly define the required aesthetic treatments; however, we also expect City involvement in design development. Specifically, key City staff will be part of the Aesthetics Task Force, to provide input during design development along with formal review comments on plan submittals. Our team will incorporate the concurrent City reviews and comment periods in the Project Work Plan by including activities within the project CPM schedule, so that such can be tracked and managed properly throughout design development.

Liberty University (LU) is also very relevant and critical to the success of the project for several reasons. First, they are the primary land owner on the east side of the new Odd Fellows Interchange (Segment A) which will open access for future development of their property along Candler's Mountain and parallel to US Route 460. Their current master plan includes additional parking, student housing, athletic facilities, and retail development. Second, LU has satellite student housing in two former hotel properties near Lynchburg Expressway interchange. Finally, LU will most likely be the primary source of borrow material needed for the project. Over the past 15+ months, we have met with LU staff to include the following: Chancellor and President Jerry Falwell, Jr. General Counsel David Corry; Vice President Lee Beaumont; and, Ms. Maggie Cossman from the Planning and Construction Department. Our discussions have led to a keen understanding of LU desires for improved access to their east campus properties. The new interchange, improvements to Odd Fellows Road, along with LU plans to reconstruct Top Ridge Road would improve traffic operations during major events, improve access for their satellite student housing facilities, and allow LU to continue with development plans per their Master Plan. We had confirmed that LU is willing to participate in providing borrow material needed for the project. In planning for execution of the proposal submitted to Virginia OTP3, we had worked with LU staff to develop a clear understanding of how their role in the project as a key stakeholder. LU's role would be to confirm that the final construction plans work with their master plan. We will incorporate specific LU reviews and comment periods into the Project Work Plan by including activities within the project CPM schedule so that such can be tracked and managed properly throughout design development. LU would be advised of the construction schedule, so that they can properly plan their future development activities.

Norfolk Southern Railroad (NSRR) is relevant and critical due to the bridge replacement included in Segment B2. English fully understands the NSRR's role and requirements, having just completed the rehabilitation of the Candler's Mountain Road WBL (Rte. 128) bridge over this same section of track (Contract # (NFO)BRDG-118-206, B623), which was completed on June 12th, 2013. NSRR's role will be to review and approved the following: bridge plan and elevation drawings; any temporary shoring required, all construction and activities within the NSRR right-of-way. NSRR will inform the Design-Builder of all train schedules and provide flagman, as required. As part of the Project Work Plan, our team will include all reviews and comment periods within the project CPM schedule. In addition, our communications plan will include regular and frequent communications with the NSRR regarding train schedules and flagman needs.

The **Bradley/Thornhill, LLC and the Land Group, A Limited Partnership** are relevant to the project because they are the last large undeveloped land owners within the City of Lynchburg's first industrial park. They are adjoining the west end of Segment A and the east end of Segment B1. These land owners are critical for the success of the project in regard to both right-of-way acquisition and as a potential borrow source for construction of the west side of the new Odd Fellows Road interchange. Their participation in providing a source of borrow could result in a significant cost benefit to the project. English has met with the managing partner for both groups, Mr. John R. Thornhill, Jr., several times over the 18 months. They are very eager for the projects development, willing to assist including the possibility of a right of entry prior to acquisition and providing the borrow material. Both, the land owners and our team have a clear understanding of how we will collaborate together for the success of the project. Our Project Work Plan will most likely include an early right of entry to these properties (prior to formal right of way acquisition) in our project CPM schedule. All borrow material requirements including the borrow agreements, permitting, and site plan review will be incorporated into the Project Work Plan. The land owners will also be informed of all project schedules so that they can promote and develop their property in the most efficient manner.

Others. There are numerous key stakeholders within the project corridor including: NB Handy, FedEx, US Post Office, Virginia DMV, Virginia Employment Commission, Fleet Pride, etc. These adjacent property owners are also key stakeholders due to right-of-way impacts, changes to permanent and temporary access, and as the primary users of the corridor. They will have a direct impact on the development of the TMP/MoT Plan, since access will need to be maintained and must address the large volume of truck traffic within the corridor. Our Project Work Plan will delineate the phasing requirements for the MOT. In addition, our Public Outreach Plan will include initial "pardon the dust" meetings along with regular meetings of corridor property owners. It is imperative that we maintain access for these users and provide advance notice of upcoming changes to the traffic patterns. Our Communications Plan will also include receiving feedback from the facility users, so that if problems are identified throughout the construction process, there are established lines of communication to resolve issues as quickly as possible.



Odd Fellows Rd

Attachment 3.1.2: SOQ Checklist

ATTACHMENT 3.1.2

Project: 9999-118-240, R201, C501, B628

STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS

Offerors shall furnish a copy of this Statement of Qualifications (SOQ) Checklist, with the page references added, with the Statement of Qualifications.

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 15-page limit?	SOQ Page Reference
Statement of Qualifications Checklist and Contents	Attachment 3.1.2	Section 3.1.2	no	Appendix
Acknowledgement of RFQ, Revision and/or Addenda	Attachment 2.10 (Form C-78-RFQ)	Section 2.10	no	Appendix
Letter of Submittal (on Offeror's letterhead)				
Authorized Representative's signature	NA	Section 3.2.1	yes	2
Offeror's point of contact information	NA	Section 3.2.2	yes	1
Principal officer information	NA	Section 3.2.3	yes	1
Offeror's Corporate Structure	NA	Section 3.2.4	yes	2
Identity of Lead Contractor and Lead Designer	NA	Section 3.2.5	yes	2
Affiliated/subsidiary companies	Attachment 3.2.6	Section 3.2.6	no	Appendix
Debarment forms	Attachment 3.2.7(a) Attachment 3.2.7(b)	Section 3.2.7	no	Appendix
Offeror's VDOT prequalification evidence	NA	Section 3.2.8	no	Appendix
Evidence of obtaining bonding	NA	Section 3.2.9	no	Appendix

ATTACHMENT 3.1.2

Project: 9999-118-240, R201, C501, B628

STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 15- page limit?	SOQ Page Reference
SCC and DPOR registration documentation (Appendix)	Attachment 3.2.10	Section 3.2.10	no	Appendix
Full size copies of SCC Registration	NA	Section 3.2.10.1	no	Appendix
Full size copies of DPOR Registration (Offices)	NA	Section 3.2.10.2	no	Appendix
Full size copies of DPOR Registration (Key Personnel)	NA	Section 3.2.10.3	no	Appendix
Full size copies of DPOR Registration (Non-APELSCIDLA)	NA	Section 3.2.10.4	no	Appendix
DBE statement within Letter of Submittal confirming Offeror is committed to achieving the required DBE goal	NA	Section 3.2.11	yes	2
Offeror's Team Structure				
Identity of and qualifications of Key Personnel	NA	Section 3.3.1	yes	4
Key Personnel Resume – DB Project Manager	Attachment 3.3.1	Section 3.3.1.1	no	Appendix
Key Personnel Resume – Quality Assurance Manager	Attachment 3.3.1	Section 3.3.1.2	no	Appendix
Key Personnel Resume – Design Manager	Attachment 3.3.1	Section 3.3.1.3	no	Appendix
Key Personnel Resume – Construction Manager	Attachment 3.3.1	Section 3.3.1.4	no	Appendix
Organizational chart	NA	Section 3.3.2	yes	5
Organizational chart narrative	NA	Section 3.3.2	yes	4

ATTACHMENT 3.1.2

Project: 9999-118-240, R201, C501, B628

STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 15- page limit?	SOQ Page Reference
Experience of Offeror's Team				
Lead Contractor Work History Form	Attachment 3.4.1(a)	Section 3.4	no	Appendix
Lead Designer Work History Form	Attachment 3.4.1(b)	Section 3.4	no	Appendix
Project Risk				
Identify and discuss three critical risks for the Project	NA	Section 3.5.1	yes	8
Third Party Coordination				
Narrative describing approach to third party coordination	NA	Section 3.6.1	yes	14

**Attachment 2.10:
Form C-78-RFQ**

ATTACHMENT 2.10**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

RFQ NO. C00105515DB78
 PROJECT NO.: 9999-118-240, R201, C501, B628

ACKNOWLEDGEMENT OF RFQ, REVISION AND/OR ADDENDA

Acknowledgement shall be made of receipt of the Request for Qualifications (RFQ) and/or any and all revisions and/or addenda pertaining to the above designated project which are issued by the Department prior to the Statement of Qualifications (SOQ) submission date shown herein. Failure to include this acknowledgement in the SOQ may result in the rejection of your SOQ.

By signing this Attachment 2.10, the Offeror acknowledges receipt of the RFQ and/or following revisions and/or addenda to the RFQ for the above designated project which were issued under cover letter(s) of the date(s) shown hereon:

1. Cover letter of RFQ 06/30/2014
(Date)
2. Cover letter of _____
(Date)
3. Cover letter of _____
(Date)



 SIGNATURE

Wilson L. Dickerson, Jr., PE, Senior Vice President

August 7, 2014

DATE

Attachment 3.2.6: Affiliates/Subsidiaries

ATTACHMENT 3.2.6

State Project No. 9999-118-240, R201, C501, B628

Affiliated and Subsidiary Companies of the Offeror

Offerors shall complete the table and include the addresses of affiliates or subsidiary companies as applicable. By completing this table, Offerors certify that all affiliated and subsidiary companies of the Offeror are listed.

<input type="checkbox"/> The Offeror does not have any affiliated or subsidiary companies.
<input checked="" type="checkbox"/> Affiliated and/ or subsidiary companies of the Offeror are listed below.

Relationship with Offeror (Affiliate or Subsidiary)	Full Legal Name	Address
ENGLISH – Lead Contractor		
RELATED OWNERSHIP	English Construction Company, Inc.	PO Box P-7000, Lynchburg, VA 24505
RELATED OWNERSHIP	Counts & Dobyns	37 Leland Rd, Rustburg, VA 24588
90% OWNERSHIP	Thomas Bros., LLC	494 Glenmore Drive, Salem, VA 24153
100% OWNERSHIP	Lee Construction Company of the Carolinas, Inc.	PO Box 7667, Charlotte, NC 28241
100% OWNERSHIP	MCC Acquisition, LC	PO Box 568, South Boston, VA 24592
BEVERLEY E. DALTON (Sole stockholder of W. C. English, Incorporated) and A. Douglas Dalton, Jr., (stockholder of English Construction Company) own 99.15%	Adams Construction Company	PO Box 12627, Roanoke, VA 24027
JOINT VENTURE	Sugar Creek Construction, LLC	615 Church Street Lynchburg, VA 24504
PARSONS BRINCKERHOFF – Lead Designer		
PARENT	Parsons Brinckerhoff Group Inc.	One Penn Plaza New York, NY 10119
AFFILIATE	Parsons Brinckerhoff-FG, Inc.	506 Carnegie Center Blvd., 2nd Floor Princeton, NH 08540
AFFILIATE	PB Constructors, Inc.	One Penn Plaza New York, NY 10119

ATTACHMENT 3.2.6

State Project No. 9999-118-240, R201, C501, B628

Affiliated and Subsidiary Companies of the Offeror

Relationship with Offeror (Affiliate or Subsidiary)	Full Legal Name	Address
AFFILIATE	PB Services Inc.	One Penn Plaza New York, NY 10119
AFFILIATE	Parsons Brinckerhoff Advisory Services, Inc.	One Penn Plaza New York, NY 10119
AFFILIATE	Parsons Brinckerhoff Group Administration, Inc.	One Penn Plaza New York, NY 10119
AFFILIATE	ALLTECH, Inc.	One Penn Plaza New York, NY 10119
AFFILIATE	PB Energy Storage Services Inc.	16285 Park Ten Place, Suite 400 Houston, TX 77084
AFFILIATE	Parsons Brinckerhoff International Inc.	One Penn Plaza New York, NY 10119
AFFILIATE	PB Facilities Inc.	One Penn Plaza New York, NY 10119
AFFILIATE	PB Power, Inc.	One Penn Plaza New York, NY 10119
SUBSIDIARY	Parsons Brinckerhoff Michigan, Inc.	500 Griswold Street Detroit, MI 48226
SUBSIDIARY	Parsons Brinckerhoff Ohio, Inc.	6235 Enterprise Court Dublin, OH 43016
SUBSIDIARY	PB Booker Associates Inc.	One Penn Plaza New York, NY 10119
SUBSIDIARY	PB Architecture, Inc.	One Penn Plaza New York, NY 10119
SUBSIDIARY	Associated Engineers, Inc.	3311 E. Shelby St. Ontario, CA 91764
SUBSIDIARY	Keystone Environmental Planning, Inc.	One Penn Plaza New York, NY 10119
SUBSIDIARY	PB Panama, S.A.	One Penn Plaza New York, NY 10119

ATTACHMENT 3.2.6

State Project No. 9999-118-240, R201, C501, B628

Affiliated and Subsidiary Companies of the Offeror

Relationship with Offeror (Affiliate or Subsidiary)	Full Legal Name	Address
SUBSIDIARY	Avid Engineering, Inc.	One Penn Plaza New York, NY 10119
JOINT VENTURE	CTA/PB	One Penn Plaza New York, NY 10119
JOINT VENTURE	Bay Area Trans Conslt	One Penn Plaza New York, NY 10119
JOINT VENTURE	B/PB Central Artery	One Penn Plaza New York, NY 10119
JOINT VENTURE	CDM Group	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/Hirota	One Penn Plaza New York, NY 10119
JOINT VENTURE	Di Domenico/PB	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/Metcalf & Eddy	One Penn Plaza New York, NY 10119
JOINT VENTURE	Potomac Crossing Consultants	One Penn Plaza New York, NY 10119
JOINT VENTURE	PBQD & Ammann&Whitney	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/Dewberry	One Penn Plaza New York, NY 10119
JOINT VENTURE	Transit Link Consultants, A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Eastside LRT PRTS, A BP/JGM/PB Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB-Harris-A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/Stone&Webster, A Joint Venture	One Penn Plaza New York, NY 10119

ATTACHMENT 3.2.6

State Project No. 9999-118-240, R201, C501, B628

Affiliated and Subsidiary Companies of the Offeror

Relationship with Offeror (Affiliate or Subsidiary)	Full Legal Name	Address
JOINT VENTURE	PB/Wong	One Penn Plaza New York, NY 10119
JOINT VENTURE	Louisiana TIMED Managers (LTM)	One Penn Plaza New York, NY 10119
JOINT VENTURE	STV/PB JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	Parsons Brinckerhoff/Chas H Sells, A JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	Chas H Sells/Parsons Brinckerhoff	One Penn Plaza New York, NY 10119
JOINT VENTURE	STV/Parsons	One Penn Plaza New York, NY 10119
JOINT VENTURE	Parsons Brinckerhoff Quade&Douglas and Parsons Transportation Group,JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	Bovis Lend Lease Lmb Inc./Parsons Brinckerhoff Quade & Douglas Inc., A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Wong/PB Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	The Louis Berger Group Inc/PBQ&D Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	General Engineering Consultants	One Penn Plaza New York, NY 10119
JOINT VENTURE	Urbitran/Parsons Brinckerhoff JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	The DEA/PB Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	ICC CORRIDOR PARTNERS (f/k/a RK&K/URS/PBQ&D Joint Venture)	One Penn Plaza New York, NY 10119

ATTACHMENT 3.2.6

State Project No. 9999-118-240, R201, C501, B628

Affiliated and Subsidiary Companies of the Offeror

Relationship with Offeror (Affiliate or Subsidiary)	Full Legal Name	Address
JOINT VENTURE	STV/WSA/PBQD Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Parsons Brinckerhoff/Weidlinger Assoc. Inc, A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	P2D	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/AZ&B, A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Century/PBQD Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/VHB, a Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Parsons Brinckerhoff/ Ammann&Whitney, A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Trans Hudson Express Partnership	One Penn Plaza New York, NY 10119
JOINT VENTURE	CH2M/PB Water Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	RK&K/PBQD JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	Whitman,Requardt&Assoc./PB Americas/Wallace Montgomery&Assoc. JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	EK-PB Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	ARUP PB Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	GF/PB JV 5	One Penn Plaza New York, NY 10119
JOINT VENTURE	Mccormick Taylor Inc/PB Americas Inc. Joint Venture	One Penn Plaza New York, NY 10119

ATTACHMENT 3.2.6

State Project No. 9999-118-240, R201, C501, B628

Affiliated and Subsidiary Companies of the Offeror

Relationship with Offeror (Affiliate or Subsidiary)	Full Legal Name	Address
JOINT VENTURE	STV Incorporated/PB Americas Inc. JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/WBCM A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB Americas/Chas H Sells-A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Roche-Parsons Brinckerhoff Joint Ventre	One Penn Plaza New York, NY 10119
JOINT VENTURE	AECOM/GPIPB Joint Venture (f/k/a DMJM Harris/GPI/PB Americas, A Joint Venture)	One Penn Plaza New York, NY 10119
JOINT VENTURE	TIC/PB 12-Pack Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Sand Hill Energy Partners	One Penn Plaza New York, NY 10119
JOINT VENTURE	Tollway Transportation Team	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB Americas-Whitman Requardt & Assoc. Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Paducah Power Partners	One Penn Plaza New York, NY 10119
JOINT VENTURE	STV/PB Americas II Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Dulles Rail Consultants	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/Telamon Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Central Subway Design Group	One Penn Plaza New York, NY 10119
JOINT VENTURE	North Corridor Transit Partners LLC	One Penn Plaza New York, NY 10119

ATTACHMENT 3.2.6

State Project No. 9999-118-240, R201, C501, B628

Affiliated and Subsidiary Companies of the Offeror

Relationship with Offeror (Affiliate or Subsidiary)	Full Legal Name	Address
JOINT VENTURE	Gannet Fleming/PB Americas, Inc/WRA, LLP	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB Americas, Inc./Rummel, Klepper & Kahl, LLP	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/STV A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB/H&A JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB Americas, Inc/ Wallace Montgomery & Assoc./ Whitman, Requart & Assoc. -A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	LiRo Engineers, Inc./PB Americas, JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	Connector Partnership, a JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB Americas, Inc./McCormick Taylor, Inc. Joint Venture II	One Penn Plaza New York, NY 10119
JOINT VENTURE	PBH – Berger	One Penn Plaza New York, NY 10119
JOINT VENTURE	ConnectLAX, a Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Sunnyside Yard Partnership, a Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	HDR - PB A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB-Wong Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB-PME JV	One Penn Plaza New York, NY 10119

ATTACHMENT 3.2.6

State Project No. 9999-118-240, R201, C501, B628

Affiliated and Subsidiary Companies of the Offeror

Relationship with Offeror (Affiliate or Subsidiary)	Full Legal Name	Address
JOINT VENTURE	PB-AECOM Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	STV/PB Americas III Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Parsons Brinckerhoff Inc and Wallace Montgomery & Associates LLP Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Parsons Brinckerhoff – FSB – H and A – A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	YU – Parsons Brinckerhoff	One Penn Plaza New York, NY 10119
JOINT VENTURE	Weidlinger Associates Inc - Parsons Brinckerhoff	One Penn Plaza New York, NY 10119
JOINT VENTURE	Gateway Trans Hudson Partnership	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB-STR JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	HAKS-PB JV	One Penn Plaza New York, NY 10119
JOINT VENTURE	KVPB Power Partners	One Penn Plaza New York, NY 10119
JOINT VENTURE	Ohio River Transportation Designers	One Penn Plaza New York, NY 10119
JOINT VENTURE	Ohio River Transportation Designers – East	One Penn Plaza New York, NY 10119
JOINT VENTURE	KPF – Parsons Brinckehroff Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB-P Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	MAPLAX – A Joint Venture	One Penn Plaza New York, NY 10119

ATTACHMENT 3.2.6

State Project No. 9999-118-240, R201, C501, B628

Affiliated and Subsidiary Companies of the Offeror

Relationship with Offeror (Affiliate or Subsidiary)	Full Legal Name	Address
JOINT VENTURE	Parsons Brinckerhoff – WSP Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	BGP Airport Associates	One Penn Plaza New York, NY 10119
JOINT VENTURE	PBCS/EBA, A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	Parsons Management Consultants (a/k/a PMC)	One Penn Plaza New York, NY 10119
JOINT VENTURE	URS Corp Nevada/PBCS Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB-URS, A Joint Venture	One Penn Plaza New York, NY 10119
JOINT VENTURE	FTS-MK/Alltech (OOCEA)	One Penn Plaza New York, NY 10119
JOINT VENTURE	Rummel Klepper Kahl LLP/PB Consult	One Penn Plaza New York, NY 10119
JOINT VENTURE	PB Consult Inc-Urbitran JV	One Penn Plaza New York, NY 10119

Attachment 3.2.7: Debarment Forms

ATTACHMENT NO. 3.2.7(a)

**CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS**

Project No.: 9999-118-240, R201, C501, B628

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 form.

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
Wilson L. Dickerson, Jr., PE

August 7, 2014

Date

Senior Vice President

Title

W.C. English, Inc.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 9999-118-240, R201, C501, B628

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 form.

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.



July 23, 2014

Managing Partner

Signature

Date

Title

Appraisal Review Specialists, LLC

Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 9999-118-240, R201, C501, B628

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 form.

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.

 7/22/17 Managing Partner
Signature Date Title
Criden Bouye Elliott & Goodwin
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 9999-118-240, R201, C501, B628

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 form.

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.

	7/18/2014	Vice President/Branch Manager
Signature	Date	Title

ECS Mid-Atlantic, LLC
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 9999-118-240, R201, C501, B628

- 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 form.

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.

William T. Murphy 7/21/14 President
Signature Date Title

NXL Construction Services, Inc.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

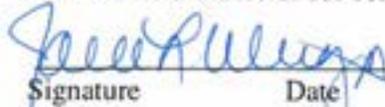
**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 9999-118-240, R201, C501, B628

- 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 form.

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.

	7/18/14	Partner
Signature	Date	Title

Pulsar Advertising, Inc.

Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 9999-118-240, R201, C501, B628

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 form.

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.

	07/18/2014	Senior Associate
Signature	Date	Title

Stantec Consulting Services, Inc.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No: 9999-118-240, R201, C501, B628

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 form.

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

July 22, 2014

Date

Executive Vice President

Title

Thompson & Litton, Inc.

Name of Firm

**Attachment 3.2.8:
VDOT Prequalification Supporting Documentation**

=====

E009

W. C. ENGLISH, INCORPORATED

PREQ. EXP : 04/30/2015

--PREQ ADDRESS ----- WORK CLASSES (LISTED BUT NOT LIMITED TO)
P. O. BOX P-7000 002 - GRADING
LYNCHBURG, VA 24505-7000 003 - MAJOR STRUCTURES
PHONE : 434-845-0301 007 - MINOR STRUCTURES
FAX : 434-845-0306

BUSINESS CONTACT: DICKERSON, JR., WILSON LAMBERT
EMAIL: WDICKERSON@ENGLISHCONST.COM

-----DBE INFORMATION-----

DBE TYPE : N/A
DBE CONTACT: N/A

=====

E992

ENVIRONMENTAL DESIGN & CONSTRUCTION, L.L.C.

PREQ. EXP : 04/30/2015

--PREQ ADDRESS ----- WORK CLASSES (LISTED BUT NOT LIMITED TO)
1108 GOOD HOPE ROAD, SE 033 - ROADSIDE DEVELOPMENT
WASHINGTON, DC 20020 045 - UNDERGROUND UTILITIES
PHONE : 202-266-5206 106 - LANDSCAPING
FAX : 202-610-3151

BUSINESS CONTACT: CHRISTIAN, JAMES EDWARD
EMAIL: JCHRISTIAN@ENVDES.COM

-----DBE INFORMATION-----

DBE TYPE : N/A
DBE CONTACT: N/A

=====

PANEL OF RIGHT OF WAY ACQUISITION CONSULTANTS

**FIRMS WHO ARE PREQUALIFIED FOR VDOT ADMINISTERED CONTRACTS
INCLUDES P3, DESIGN BUILD AND
LOCALLY ADMINISTERED PROJECTS**

<u>COMPANY NAME</u>	<u>CONTACT</u>	<u>TELEPHONE NO.</u>
AECOM 4840 Cox Road Glen Allen, VA 23060	Richard Leininger, P.E.	(804) 515-8469
American Acquisition 5600 Mariner St., Suite 104 Tampa, Florida 33609	Wade Brown W. C. Miller	(813) 287-8191 (813) 287-8191
Cardno TBE 1100 Athens, Suite A Richmond, VA 23227-1145	Mike Woods	(804) 285-4811
Coates Field Service, Inc. 4800 N. Santa Fe Oklahoma City, OK 73118	Joe Coates	(405) 528-5676
Continental Field Services P. O. Box 915 (32 E. Field Rd.) Bedford, NY 10506 6320 Augusta Dr., Suite 401 Springfield, VA 22150	Michael Hill Paul Shray	(914) 234-4194 (703) 451-5577
Diversified Property Services 20 E. Timonium Road, Suite 111 Timonium, MD 21093	Patricia E. Dablock	(410) 252-5075 or (800) 996-5499
Stantec Consulting Services Inc., (formerly Greenhorne & O'Mara) 10800 Midlothian Turnpike, Suite 310 Richmond, VA 23235	Tim Copeland Project Director	(804) 897-6309 (757) 647-8474 (cell)

**APPRAISERS/APPRAISAL FIRMS
APPROVED BY VDOT TO PERFORM
APPRAISAL SERVICES**

SENIOR APPRAISER DESIGNATION

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	SWAM/ DBE
--------------------	---	----------------------

BRISTOL

Armstrong, Allen
ASA, R/W-AC, SR/WA
RW-URAC, R/W-RAC,
R/W-NAC

Mountain Empire Acquisitions
598 West Valley Drive
Kingsport, TN 37664
(512)940-9192
aaa@mountainempire.com

Castle, David N.
Certified General

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Lebanon, Virginia 24266
(276) 889-4020
(276) 889-2749 – Fax
Dcastle@bvu.net

Crider, Charles F.
MAI

Crider Taylor & Bouye, LLC
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(864) 232-1890 – Fax

Dew, Joel B.
MAI

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(828) 255-0929 – Fax
jdew@jbdassociates.com

Elliott, Jr., Robert
MAI

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2 Ridgeway Avenue
Greenville, SC 29607
crider@criderappraisals.com
(864) 232-1788
(864) 232-1890 – Fax

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
Turbyfill, Sr., Mike	Telics 2439 Bethel Road Sugar Grove, North Carolina 28679 urbanreinc@yahoo.com (828)297-5681	

All new members are being added on a contingency basis pending final evaluation after completing VDOT appraisal work.

CULPEPER

Armstrong, Allen ASA, R/W-AC, SR/WA RW-URAC, R/W-RAC, R/W-NAC	Mountain Empire Acquisitions 598 West Valley Drive Kingsport, TN 37664 (512)940-9192 aaa@mountainempire.com	
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Crider, Charles F. MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 crider@criderappraisals.com (864) 232-1788 (864) 232-1890 – Fax	
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Deeds, Richard P. Certified General	Deeds Realty Services, LLC 501 Church Street, #117 Vienna, Virginia 22180 (703) 255-6629 Ex. 102 (703) 255-6873 rd@deedsco.com	
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Dew, Joel B. MAI	JBD & Associates of NC, LLC P. O. Box 8508 Asheville, North Carolina 28814 (828) 255-4964 Ex 114 (828) 255-0929 – Fax jdew@jbdassociates.com	
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<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
Elliott, Jr., Robert MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 crider@criderappraisals.com (864) 232-1788 (864) 232-1890 – Fax	
Forni, Carlo S Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 cforni@appraiser.com (281) 493-4444 (291) 493-6845	
Hamuka, Elizabeth A. MAI	John McCracken & Associates, Inc. 703 Green Valley Road, Suite 102 Greensboro, North Carolina 27408-7052 (336) 274-5050 EX 128 (336) 275-9440 – Fax elizabeth@jmaappraisals.com	SWAM/DBE
Kerr, Patrick	Integra Realty Resources Executive Plaza IV 11350 McCormick Road, Suite LL1 Hunt Valley, MD 21031-1002 ** pkerr@irr.com (443) 578-4908 All new members are being added on a contingency basis pending final evaluation after completing VDOT appraisal work. – Also, contingent upon approval of the Title VI.	
Meers, Rodney Allen. MAI	John McCracken & Associates, Inc. 703 Green Valley Road, Suite 102 Greensboro, North Carolina 27408-7052 (336) 274-5050 EX 128 (336) 275-9440 – Fax rodney@jmaappraisals.com	SWAM/DBE
O'Grady Filer, Patricia A MAI Certified General	P. O. Box 818 124 W. Main Street Orange, Virginia 23960 (540) 672-0419 (540) 672-1878 – Fax pat@piedmontappraisalco.com	

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
Robinson, Walter A., Jr. GAA Certified General	7209 Candy Meadow Lane Warrenton, Virginia 20186-7662 (540) 347-9008 (540) 347-4840 warjr7209@aol.com	
Pape, Karen, MAI, SRA President SENIOR APPRAISER	Pape & Company, Inc. 1421 Sachem Place, Suite 1 Charlottesville, Virginia 22901 (434) 975-6640 (434) 975-6641 karen@papeandco.com	SWAM/DBE
Turbyfill, Sr., Mike	Telics 2439 Bethel Road Sugar Grove, North Carolina 28679 urbanreinc@yahoo.com (828)297-5681 All new members are being added on a contingency basis pending final evaluation after completing VDOT appraisal work.	
Zogorski, Robert	RealPro Valuations 1845 Lititz Pike Lancaster, Pennsylvania 17601 (717) 581-0400 realprovaluation.com All new members are being added on a contingency basis pending final evaluation after completing VDOT appraisal work. – Also, contingent upon approval of the Title VI.	

FREDERICKSBURG

Armstrong, Allen ASA, R/W-AC, SR/WA RW-URAC, R/W-RAC, R/W-NAC	Mountain Empire Acquisitions 598 West Valley Drive Kingsport, TN 37664 (512)940-9192 aaa@mountainempire.com
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<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
Deeds, Richard P. Certified General	Deeds Realty Services, LLC 501 Church Street, #117 Vienna, Virginia 22180 (703) 255-6629 Ex. 102 (703) 255-6873 rd@deedsco.com	
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Hamuka, Elizabeth A. MAI	John McCracken & Associates, Inc. 703 Green Valley Road, Suite 102 Greensboro, North Carolina 27408-7052 (336) 274-5050 EX 128 (336) 275-9440 – Fax elizabeth@jmaappraisals.com	SWAM/DBE
Heric, Martha MAI Certified General	The Riemann Companies, Inc. P. O. Box 458 203 Prince George Street Urbanna, Virginia 23175 (804) 758-4975 (804) 758-3293 – Fax mhtrc@aol.com	SWAM/DBE

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
<u>HAMPTON ROADS</u>		
Armstrong, Allen ASA, R/W-AC, SR/WA RW-URAC, R/W-RAC, R/W-NAC	Mountain Empire Acquisitions 598 West Valley Drive Kingsport, TN 37664 (512)940-9192 aaa@mountainempire.com	
Crider, Charles F. MAI,	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 crider@criderappraisals.com (864) 232-1788 (864) 232-1890 – Fax	
Colorito, Lawrence J. MAI, MRICS	Axial Advisory Group, LLC 656 Independence Pkwy. Suite 220 Chesapeake, VA 23320 lcolorito@axialadvisory.com (757) 410-1222 (757) 410-2956	
Dew, Joel B. MAI	JBD & Associates of NC, LLC P. O. Box 8508 Asheville, North Carolina 28814 (828) 255-4964 Ex 114 (828) 255-0929 – Fax jdew@jbdassociates.com	
Dundon, Brian J. MAI Certified General	Brian J. Dundon & Associates 192 Ballard Court, Suite 104 Virginia Beach, Virginia 23462 (757) 456-1136 (757) 456-5278 - Fax dundon@dundonappraisals.com	
Eckert, Peter S. MAI, SRA, CRE Certified General	Peter S. Eckert & Co., Inc. P. O. Box 12208 (23612 Zip) 601 Thimble Shoals Boulevard – Suite 200 Newport News, Virginia 23606 (757) 873-1918 (757) 873-0222 – Fax pse@eckertandco.com	SWAM/DBE

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
Elliott, Jr., Robert MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 crider@criderappraisals.com (864) 232-1788 (864) 232-1890 – Fax	
Forni, Carlo S Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 cforni@appraiser.com (281) 493-4444 (291) 493-6845	
Grice, A. P., III MAI, FASA, CRB Certified General	A. P. Grice & Son, Inc. Bank of the Commonwealth Bldg. Suite 350 403 Boush Street Norfolk, Virginia 23510 (757) 622-7054 (757) 622-7056 – Fax apgrice@verizon.net	
Grice, A. P., IV Certified General	A. P. Grice & Son, Inc. Bank of the Commonwealth Bldg. Suite 350 403 Boush Street Norfolk, Virginia 23510 (757) 622-7054 (757) 622-7056 – Fax apgrice@verizon.net	
Gruelle, Dennis W. MAI, SRA Certified General	Appraisal Consultation Group 5511 Princess Anne Road, Suite 202 Virginia Beach, Virginia 23462 (757) 497-1229 (757) 497-1438 – Fax acgva@juno.com	
Hamuka, Elizabeth A. MAI	John McCracken & Associates, Inc. 703 Green Valley Road, Suite 102 Greensboro, North Carolina 27408-7052 (336) 274-5050 EX 128 (336) 275-9440 – Fax elizabeth@jmaappraisals.com	SWAM/DBE

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
<u>LYNCHBURG</u>		
Armstrong, Allen ASA, R/W-AC, SR/WA RW-URAC, R/W-RAC, R/W-NAC	Mountain Empire Acquisitions 598 West Valley Drive Kingsport, TN 37664 (512)940-9192 aaa@mountainempire.com	
Crider, Charles F. MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 crider@criderappraisals.com (864) 232-1788 (864) 232-1890 – Fax	
Cole, W. Gordon MAI Certified General	John McCracken & Associates, Inc. 703 Green Valley Road, Suite 102 Greensboro, North Carolina 27408-7052 (336) 274-5050 EX 128 (336) 275-9440 – Fax gordon@jmaappraisals.com	SWAM/DBE
Dew, Joel B. MAI	JBD & Associates of NC, LLC P. O. Box 8508 Asheville, North Carolina 28814 (828) 255-4964 Ex 114 (828) 255-0929 – Fax jdew@jbdassociates.com	
Elliott, Jr., Robert MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 crider@criderappraisals.com (864) 232-1788 (864) 232-1890 – Fax	
Forni, Carlo S Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 cforni@appraiser.com (281) 493-4444 (291) 493-6845	

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
	<u>NOVA</u>	
Armstrong, Allen ASA, R/W-AC, SR/WA RW-URAC, R/W-RAC, R/W-NAC	Mountain Empire Acquisitions 598 West Valley Drive Kingsport, TN 37664 (512)940-9192 aaa@mountainempire.com	
Austin, John F. ASA Certified General	John Austin Appraisers 9101 Ashmeade Drive Fairfax, Virginia 22032 (703) 323-5626 (703) 978-7565 - Fax jaustin503@aol.com	SWAM
Crider, Charles F. MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 crider@criderappraisals.com (864) 232-1788 (864) 232-1890 – Fax	
Deeds, Richard P. Certified General	Deeds Realty Services, LLC 501 Church Street, #117 Vienna, Virginia 22180 (703) 255-6629 Ex. 102 (703) 255-6873 rd@deedsco.com	
Dew, Joel B. MAI	JBD & Associates of NC, LLC P. O. Box 8508 Asheville, North Carolina 28814 (828) 255-4964 Ex 114 (828) 255-0929 – Fax jdew@jbdassociates.com	
Elliott, Jr., Robert MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 crider@criderappraisals.com (864) 232-1788 (864) 232-1890 – Fax	

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
<u>RICHMOND</u>		
Armstrong, Allen ASA, R/W-AC, SR/WA RW-URAC, R/W-RAC, R/W-NAC	Mountain Empire Acquisitions 598 West Valley Drive Kingsport, TN 37664 (512)940-9192 aaa@mountainempire.com	
Call, J. B., III MAI Certified General	Jay B. Call, III Associates, Inc. P. O. Box 509 (ZIP 23218) (Use POB for mailing) 5411 Patterson Avenue, Suite 100 Richmond, Virginia 23226-2039 (804) 780-0683 (804) 775-2672 jbcall3@aol.com	
Chavis, Harrison M. MAI Certified General	Harrison Chavis & Associates, Inc. 6021 West Broad Street P. O. Box 11536 Richmond, Virginia 23230 (804) 288-8005 (804) 282-3014 – Fax hcainc@erols.com	
Crider, Charles F. MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 crider@criderappraisals.com (864) 232-1788 (864) 232-1890 – Fax	
Deeds, Richard P. Certified General	Deeds Realty Services, LLC 501 Church Street, #117 Vienna, Virginia 22180 (703) 255-6629 Ex. 102 (703) 255-6873 rd@deedsco.com	
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<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
Dorin, Allen G., Jr. MAI, SRA Certified General	KDR Real Estate Services 2500 Grenoble Road Richmond, Virginia 23294-3614 (804) 672-1368 Ext. 111 (804) 672-1373 – Fax adorin@KDRrealestate.com	SWAM/DBE
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Forni, Carlo S Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 cforni@appraiser.com (281) 493-4444 (291) 493-6845	
Hamuka, Elizabeth A. MAI	John McCracken & Associates, Inc. 703 Green Valley Road, Suite 102 Greensboro, North Carolina 27408-7052 (336) 274-5050 EX 128 (336) 275-9440 – Fax elizabeth@jmaappraisals.com	SWAM/DBE
Hoffmann, Harry F., Jr. SRA Certified General	Academy Appraisal, LLC 3016 Mountain Road, Suite 201 Glen Allen, Virginia 23060 P. O. Box 1188 Glen Allen, Virginia 23060 (804) 477-7068 (804) 477-6069 – Fax fhoffmann@comcast.net www.academyappraisal.net hoffman@academyAppraisal.net	

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
<u>SALEM</u>		
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Cole, W. Gordon MAI Certified General	John McCracken & Associates, Inc. 703 Green Valley Road, Suite 102 Greensboro, North Carolina 27408-7052 (336) 274-5050 ext. 128 (336) 275-9440 – Fax gordon@jmaappraisals.com	SWAM/DBE
Crider, Charles F. MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 crider@criderappraisals.com (864) 232-1788 (864) 232-1890 – Fax	
Dew, Joel B. MAI	JBD & Associates of NC, LLC P. O. Box 8508 Asheville, North Carolina 28814 (828) 255-4964 Ex 114 (828) 255-0929 – Fax jdew@jbdassociates.com	
Elliott, Jr., Robert MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 crider@criderappraisals.com (864) 232-1788 (864) 232-1890 – Fax	
Forni, Carlo S Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 cforni@appraiser.com (281) 493-4444 (291) 493-6845	

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	<u>SWAM/ DBE</u>
Wingate, Joseph G. ASA Certified General	Southwestern Appraisal Company 5111 Melrose Avenue, N. W. Roanoke, Virginia 24017 (540) 986-0472 (540) 986-0927 – Fax wwingatee@aol.com	

STAUNTON

Armstrong, Allen ASA, R/W-AC, SR/WA RW-URAC, R/W-RAC, R/W-NAC	Mountain Empire Acquisitions 598 West Valley Drive Kingsport, TN 37664 (512)940-9192 aaa@mountainempire.com	
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Crider, Charles F. MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 crider@criderappraisals.com (864) 232-1788 (864) 232-1890 – Fax	
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Dew, Joel B. MAI	JBD & Associates of NC, LLC P. O. Box 8508 Asheville, North Carolina 28814 (828) 255-4964 Ex 114 (828) 255-0929 – Fax jdew@jbdassociates.com	
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Elliott, Jr., Robert MAI	Crider Taylor & Bouye, LLC 2 Ridgeway Avenue Greenville, SC 29607 crider@criderappraisals.com (864) 232-1788 (864) 232-1890 – Fax	
-----------------------------	---	--

Forni, Carlo S Certified General	Allen, Williford & Seal 11999 Katy Freeway, Suite 400 Houston, Texas 77079 cforni@appraiser.com (281) 493-4444 (291) 493-6845	
-------------------------------------	--	--

**FEE REVIEW APPRAISERS/FEE REVIEW APPRAISAL FIRMS
APPROVED BY VDOT TO PERFORM
APPRAISAL REVIEW SERVICES**

<u>NAME</u>	<u>ADDRESS & TELEPHONE #</u>	SWAM/ DBE
Pratt, Robert M. Manager/Review Appraiser	Appraisal Review Specialist, LLC 3058 Mt. Vernon Road, Suite 12 Hurricane, West Virginia 25526-9458 Telephone: 304-760-2156 Fax: 304-760-2158 appraisalreview@frontier.com	
Barber, R. Scott Manager/Review Appraiser	Appraisal Review Specialist, LLC 3058 Mt. Vernon Road, Suite 12 Hurricane, West Virginia 25526-9458 Telephone: 304-760-2156 Fax: 304-760-2158 appraisalreview@frontier.com	
Schwartz, Phil Review Appraiser	Appraisal Review Specialist, LLC 3058 Mt. Vernon Road, Suite 12 Hurricane, West Virginia 25526-9458 Telephone: 304-760-2156 Fax: 304-760-2158 appraisalreview@frontier.com	
Bradford, Jennings Review Appraiser	Appraisal Review Specialist, LLC 3058 Mt. Vernon Road, Suite 12 Hurricane, West Virginia 25526-9458 Telephone: 304-760-2156 Fax: 304-760-2158 appraisalreview@frontier.com	
Crawford, Steven M. CEO	Riverridge Valuations, Inc. 135 Brassy Court Johns Creek, Georgia 30022 stevencrawford@bellsouth.net (404) 401-3838 (Cell) (770) 640-1922 (Fax)	SWAM
Davis, Lorraine	647 Beall Avenue Luray, VA 22835 (540) 743-3610 davisappraisals@embarqmail.com douglad@embarqmail.com	SWAM

**Attachment 3.2.9:
Surety Letter**



Daniel J. Grygo, AFSB
Account Executive
Travelers Bond & Financial Products
Construction Services
9954 Mayland Drive, Suite 6100
Richmond, VA 23233
(804)965-8272 (office)
(804)229-7596 (mobile)
dgrygo@travelers.com

August 7, 2014

Mr. Kevin Reichert, P.E.
Virginia Department of Transportation
1401 East Broad Street
Richmond, VA 23219

**RE: Odd Fellows Road Interchange at US Route 29/460 and Road Improvements,
Lynchburg, VA**

To Whom It May Concern:

English Construction Company, Inc. has been a valued client of Travelers Casualty and Surety Company of America for over sixty years. During that time, we have maintained a working line of surety credit and have supported single bond requests up to the \$125,000,000. range and aggregate programs up to the \$500,000,000. range. These levels reflect our history with this client; however, they are not to be construed as limits. Given English's extensive experience and financial strength, we are certainly prepared to consider requests well in excess of these levels.

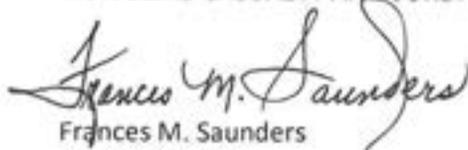
At this time, we are prepared to respond favorably should English Construction Company, Inc. accept an award and request performance and payment bonds. Our willingness to commit to any such request would, of course, be contingent upon our being satisfied with all prevailing underwriting conditions including but not limited to acceptable contract terms, acceptable bond forms, and confirmation of full financing.

Travelers Casualty and Surety Company of America is licensed to transact surety business in all 50 states and is listed on the United States Department of Treasury list of acceptable surety companies. Travelers Casualty and Surety Company of America carries an A.M. Best rating of A+ and has a Financial Size Category of XV. The information contained in this letter is valid for a period of three (3) months from date of this letter.

Please feel free to contact us if you have any questions.

Sincerely,

TRAVELERS CASUALTY AND SURETY COMPANY OF AMERICA


Frances M. Saunders
Attorney-in-Fact

FMS/cw
Power of Attorney Attached



POWER OF ATTORNEY

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company

Attorney-In Fact No. 213509

Certificate No. 005185027

KNOW ALL MEN BY THESE PRESENTS: That Farmington Casualty Company, St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company are corporations duly organized under the laws of the State of Connecticut, that Fidelity and Guaranty Insurance Company is a corporation duly organized under the laws of the State of Iowa, and that Fidelity and Guaranty Insurance Underwriters, Inc., is a corporation duly organized under the laws of the State of Wisconsin (herein collectively called the "Companies"), and that the Companies do hereby make, constitute and appoint

Whitney D. Melton, and Frances M. Saunders

of the City of Altavista, State of Virginia, their true and lawful Attorney(s)-in-Fact, each in their separate capacity if more than one is named above, to sign, execute, seal and acknowledge any and all bonds, recognizances, conditional undertakings and other writings obligatory in the nature thereof on behalf of the Companies in their business of guaranteeing the fidelity of persons, guaranteeing the performance of contracts and executing or guaranteeing bonds and undertakings required or permitted in any actions or proceedings allowed by law.

IN WITNESS WHEREOF, the Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 11th day of September, 2012

Farmington Casualty Company
 Fidelity and Guaranty Insurance Company
 Fidelity and Guaranty Insurance Underwriters, Inc.
 St. Paul Fire and Marine Insurance Company
 St. Paul Guardian Insurance Company

St. Paul Mercury Insurance Company
 Travelers Casualty and Surety Company
 Travelers Casualty and Surety Company of America
 United States Fidelity and Guaranty Company



State of Connecticut
 City of Hartford ss.

By: *Robert L. Raney*
 Robert L. Raney, Senior Vice President

On this the 11th day of September, 2012, before me personally appeared Robert L. Raney, who acknowledged himself to be the Senior Vice President of Farmington Casualty Company, Fidelity and Guaranty Insurance Company, Fidelity and Guaranty Insurance Underwriters, Inc., St. Paul Fire and Marine Insurance Company, St. Paul Guardian Insurance Company, St. Paul Mercury Insurance Company, Travelers Casualty and Surety Company, Travelers Casualty and Surety Company of America, and United States Fidelity and Guaranty Company, and that he, as such, being authorized so to do, executed the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

In Witness Whereof, I hereunto set my hand and official seal.
 My Commission expires the 30th day of June, 2016.



Marie C. Tetreault
 Marie C. Tetreault, Notary Public

**Attachment 3.2.10:
SCC/DPOR Table**

ATTACHMENT 3.2.10

State Project No. 9999-118-240, R201, C501, B628

SCC and DPOR Information

Offerors shall complete the table and include the required state registration and licensure information. By completing this table, Offerors certify that their team complies with the requirements set forth in Section 3.2.10 and that all businesses and individuals listed are active and in good standing.

SCC & DPOR INFORMATION FOR BUSINESSES (RFQ Sections 3.2.10.1 and 3.2.10.2)							
Business Name	SCC Information (3.2.10.1)			DPOR Information (3.2.10.2)			
	SCC Number	SCC Type of Corporation	SCC Status	DPOR Registered Address	DPOR Registration Type	DPOR Registration Number	DPOR Expiration Date
W.C. English, Inc.	00689448	Corporation	Active	615 Church Street Lynchburg, VA 24504	Contractor Class A	2701003331	04.30.2016
Parsons Brinckerhoff, Inc.	F0501603	Foreign Corporation	Active	277 Bendix Road Virginia Beach, VA 23452	Business Entity Branch Office	0411000137	02.29.2016
Appraisal Review Specialists, LLC	T0490682	Foreign Limited Liability Company	Active	3058 Mount Vernon Road Hurricane, WV 25523	Appraisal Business Registration	4008001735	04.30.2016
Crider, Bouye, Elliott	T0501512	Foreign Limited Liability Company	Active	2 Ridgeway Avenue Greenville, SC 29607	Appraisal Business Registration	4008001745	06.30.2016
ECS Mid-Atlantic, LLC	S1208216	Limited Liability Company	Active	20436 Lynchburg Highway Lynchburg, VA 24502	Business Entity Branch Office	0411000832	02.29.2016
				5320 Peters Creek Road Roanoke, VA 24019	Business Entity Branch Office	0411000381	02.29.2016
NXL Construction Company, Inc.	03497427	Corporation	Active	114 E Cary Street Richmond, VA 23219	Business Entity Registration	0407003031	12.31.2015
				110 Wenn Drive Christiansburg, VA 24073	Business Entity Branch Office	0411001067	02.29.2016
Pulsar Advertising, Inc.	F1608555	Foreign Corporation	Active	N/A	N/A	N/A	N/A

ATTACHMENT 3.2.10

State Project No. 9999-118-240, R201, C501, B628

SCC and DPOR Information

SCC & DPOR INFORMATION FOR BUSINESSES (RFQ Sections 3.2.10.1 and 3.2.10.2)							
Business Name	SCC Information (3.2.10.1)			DPOR Information (3.2.10.2)			
	SCC Number	SCC Type of Corporation	SCC Status	DPOR Registered Address	DPOR Registration Type	DPOR Registration Number	DPOR Expiration Date
Stantec Consulting Services, Inc.	F1493198	Foreign Corporation	Active	10800 Midlothian Turnpike, Suite 310 Richmond VA 23235	Real Estate Appraiser Board Business Registration	4008001770	03.31.2015
Thompson & Litton, Inc.	01314111	Corporation	Active	726 Auburn Avenue Radford, VA 24141	Business Entity Branch Office	0411000211	02.29.2016

DPOR INFORMATION FOR INDIVIDUALS (RFQ Sections 3.2.10.3 and 3.2.10.4)						
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
Parsons Brinckerhoff, Inc.	Julie Perkoski	Virginia Beach, VA	4000 Monitor Drive Hampton, VA 23669	Professional Engineer	0402026174	06.30.2015
Parsons Brinckerhoff, Inc.	Derek Piper	Virginia Beach, VA	277 Bendix Road Virginia Beach, VA 23452	Professional Engineer	0402046886	12.31.2015

**Attachment 3.2.10.1:
SCC Supporting Documentation**

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W. C. ENGLISH, INCORPORATED

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Business Entities

UCC or Tax Liens

Court Services

Additional Services

General

SCC ID: 00689448
 Entity Type: Corporation
 Jurisdiction of Formation: VA
 Date of Formation/Registration: 4/6/1954
 Status: Active
 Shares Authorized: 6000

Select an action

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Principal Office

615 CHURCH STREET
 PO BOX P7000
 LYNCHBURG VA24505

Registered Agent/Registered Office

JAMES P KENT JR
 525 7TH STREET
 ALTAVISTA VA 24517
 CAMPBELL COUNTY 115
 Status: Active
 Effective Date: 3/15/2005

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Parsons Brinckerhoff, Inc.

SCC ID: F0501603
 Business Entity Type: Foreign Corporation
 Jurisdiction of Formation: NY
 Date of Formation/Registration: 2/11/1986
 Status: Active
 Shares Authorized: 30000

Principal Office

ONE PENN PLAZA

 NEW YORK NY 10119

Registered Agent/Registered Office

CT CORPORATION SYSTEM
 4701 COX RD STE 301

 GLEN ALLEN VA 23060-6802
 HENRICO COUNTY 143
 Status: Active
 Effective Date: 1/5/2004

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- Perform easy step-by-step online transactions for certain types of filings, such as registered agent changes
- Quickly access online filing history

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Need additional information? Contact sccinfo@scc.virginia.gov Website questions? Contact: webmaster@scc.virginia.gov

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Appraisal Review Specialists, LLC

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Business Entities

UCC or Tax Liens

Court Services

Additional Services

General

SCC ID: T0490682
 Entity Type: Foreign Limited Liability Company
 Jurisdiction of Formation: WV
 Date of Formation/Registration: 2/3/2012
 Status: Active

Select an action

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Principal Office

3058 MOUNT VERNON RD
 HURRICANE WV25526

Registered Agent/Registered Office

INCorp SERVICES INC
 7288 HANOVER GREEN DR
 MECHANICSVILLE VA 23111
 HANOVER COUNTY 142
 Status: Active
 Effective Date: 2/3/2012

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Crider, Bouye & Elliott, LLC

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Business Entities

UCC or Tax Liens

Court Services

Additional Services

General

SCC ID: T0501512
 Entity Type: Foreign Limited Liability Company
 Jurisdiction of Formation: SC
 Date of Formation/Registration: 5/22/2012
 Status: Active

Select an action

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Principal Office

2 RIDGEWAY AVE
 GREENVILLE SC29607

Registered Agent/Registered Office

NATIONAL REGISTERED AGENTS INC
 4701 COX ROAD, SUITE 285
 GLEN ALLEN VA 23060
 HENRICO COUNTY 143
 Status: Active
 Effective Date: 10/4/2013

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ECS - Mid-Atlantic, LLC

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Business Entities

UCC or Tax Liens

Court Services

Additional Services

General

SCC ID: S1208216
 Entity Type: Limited Liability Company
 Jurisdiction of Formation: VA
 Date of Formation/Registration: 4/16/2004
 Status: Active

Select an action

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- [File a principal office address change](#)
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Principal Office

14026 THUNDERBOLT PL STE 100
 CHANTILLY VA20151

Registered Agent/Registered Office

JAMES A ECKERT
 14026 THUNDERBOLT PL STE 100
 CHANTILLY VA 20151
 FAIRFAX COUNTY 129
 Status: Active
 Effective Date: 4/16/2004

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Business Entities

UCC or Tax Liens

Court Services

Additional Services

General

SCC ID: 03497427
 Entity Type: Corporation
 Jurisdiction of Formation: VA
 Date of Formation/Registration: 11/17/1989
 Status: Active
 Shares Authorized: 5000

Select an action

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Principal Office

114 E CARY STREET SUITE 200
 RICHMOND VA23219

Registered Agent/Registered Office

NICOMEDES L DE LEON
 9606 GEORGE'S BLUFF RD
 RICHMOND VA 23229
 HENRICO COUNTY 143
 Status: Active
 Effective Date: 10/8/1998

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Pulsar Advertising, Inc.

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Business Entities

UCC or Tax Liens

Court Services

Additional Services

General

SCC ID: F1608555
 Entity Type: Foreign Corporation
 Jurisdiction of Formation: NY
 Date of Formation/Registration: 11/22/2004
 Status: Active
 Shares Authorized: 200

Select an action

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Principal Office

10940 WILSHIRE BLVD., SUITE 1050
 LOS ANGELES CA90024

Registered Agent/Registered Office

CT CORPORATION SYSTEM
 4701 COX ROAD, SUITE 285
 GLEN ALLEN VA 23060
 HENRICO COUNTY 143
 Status: Active
 Effective Date: 10/4/2013

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Stantec Consulting Services Inc.

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Business Entities

UCC or Tax Liens

Court Services

Additional Services

General

SCC ID: F1493198
 Entity Type: Foreign Corporation
 Jurisdiction of Formation: NY
 Date of Formation/Registration: 12/4/2001
 Status: Active
 Shares Authorized: 3250000

Select an action

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Principal Office

200, 10160 - 112 STREET
 AB T5K 2L6
 EDMONTON

Registered Agent/Registered Office

CORPORATION SERVICE COMPANY
 Bank of America Center, 16th Floor
 1111 East Main Street
 RICHMOND VA 23219
 RICHMOND CITY 216
 Status: Active

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THOMPSON & LITTON, INC.

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Business Entities

UCC or Tax Liens

Court Services

Additional Services

General

SCC ID: 01314111
 Entity Type: Corporation
 Jurisdiction of Formation: VA
 Date of Formation/Registration: 4/8/1971
 Status: Active
 Shares Authorized: 125000

Select an action

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Principal Office

103 E MAIN STREET
 POB 1307
 WISE VA24293

Registered Agent/Registered Office

LEONARD D ROGERS
 401 BIRCHFIELD RD
 PO BOX 1097
 WISE VA 24293
 WISE COUNTY 197
 Status: Active

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**Attachment 3.2.10.2:
DPOR Supporting Documentation for Each Office**

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON

02-29-2016

9960 Mayland Dr., Suite 400, Richmond, VA 23233

Telephone: (804) 367-8500

NUMBER

0411000137

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS
AND LANDSCAPE ARCHITECTS
BUSINESS ENTITY BRANCH OFFICE REGISTRATION

PROFESSIONS: ENG, ARC

PARSONS BRINCKERHOFF INC
277 BENDIX ROAD
SUITE 300
VIRGINIA BEACH, VA 23452



Nick A. Christner
Nick A. Christner, Interim Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
02-29-2016

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

NUMBER
0411000832

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS
AND LANDSCAPE ARCHITECTS
BUSINESS ENTITY BRANCH OFFICE REGISTRATION

PROFESSIONS: ENG

ECS-MID-ATLANTIC LLC
20436 LYNCHBURG HWY STE L
LYNCHBURG, VA 24502



Nick A. Christner
Nick A. Christner, Interim Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
02-29-2016

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

NUMBER
0411000381

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS
AND LANDSCAPE ARCHITECTS
BUSINESS ENTITY BRANCH OFFICE REGISTRATION

PROFESSIONS: ENG

ECS-MID-ATLANTIC LLC
5320 PETERS CREEK RD STE F
ROANOKE, VA 24019



Nick A. Christner
Nick A. Christner, Interim Director

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BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS
AND LANDSCAPE ARCHITECTS
BUSINESS ENTITY BRANCH OFFICE REGISTRATION
NUMBER: 0411000381 EXPIRES: 02-29-2016
PROFESSIONS: ENG
ECS-MID-ATLANTIC LLC
5320 PETERS CREEK RD STE F
ROANOKE, VA 24019



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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
9960 Mayland Dr., Suite 400, Richmond, VA 23233

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
02-29-2016

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

NUMBER
0411001067

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS
AND LANDSCAPE ARCHITECTS
BUSINESS ENTITY BRANCH OFFICE REGISTRATION

PROFESSIONS: ENG

NXL CONSTRUCTION COMPANY INC
110 WENN DRIVE
CHRISTIANSBURG, VA 24073



Gordon N. Dixon
Gordon N. Dixon, Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON

12-31-2015

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

NUMBER

0407003031

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS
AND LANDSCAPE ARCHITECTS
BUSINESS ENTITY REGISTRATION

PROFESSIONS: ENG, LS

NXL CONSTRUCTION CO INC
NXL CONSTRUCTION SERVICES INC
114 E CARY ST STE 200
RICHMOND, VA 23219



Charles N. Dixon
Charles N. Dixon, Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
02-29-2016

9960 Meyland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

NUMBER
0411000211

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS
AND LANDSCAPE ARCHITECTS
BUSINESS ENTITY BRANCH OFFICE REGISTRATION

PROFESSIONS: ARC, ENG, LS

THOMPSON & LITTON INC
726 AUBURN AVE
RADFORD, VA 24141



Nick A. Christner
Nick A. Christner, Interim Director

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**Attachment 3.2.10.3:
DPOR Supporting Documentation for Key Personnel**

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON

06-30-2015

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

NUMBER

0402026174

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS
AND LANDSCAPE ARCHITECTS
PROFESSIONAL ENGINEER LICENSE

JULIANNE PERKOSKI
4000 MONITOR DRIVE
HAMPTON, VA 23669



Gordon N. Dixon
Gordon N. Dixon, Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
12-31-2015

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

NUMBER
0402046886

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS
AND LANDSCAPE ARCHITECTS
PROFESSIONAL ENGINEER LICENSE

DEREK JOHN PIPER
PB AMERICAS, INC.
277 BENDIX ROAD
SUITE 300
VIRGINIA BEACH, VA 23452



Geoffrey N. Dixon
Geoffrey N. Dixon, Director

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**Attachment 3.2.10.4:
DPOR Supporting Documentation for
Non-APELSCIDLA Regulated Services**

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
04-30-2016

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

NUMBER
2701003331

BOARD FOR CONTRACTORS
CLASS A CONTRACTOR
CLASSIFICATIONS BLD H/H

W C ENGLISH INC
PO BOX P-7000
LYNCHBURG, VA 24505



Nick A. Christner
Nick A. Christner, Interim Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
04-30-2016

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

NUMBER
4008001735

REAL ESTATE APPRAISER BOARD
APPRAISAL BUSINESS REGISTRATION

APPRAISAL REVIEW SPECIALISTS LLC
3058 MOUNT VERNON ROAD
SUITE 12
HURRICANE, WV 25523



Nick A. Christner
Nick A. Christner, Interim Director

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COMMONWEALTH OF VIRGINIA
REAL ESTATE APPRAISER BOARD
APPRAISAL BUSINESS REGISTRATION
NUMBER: 4008001735 EXPIRES: 04-30-2016

APPRAISAL REVIEW SPECIALISTS LLC
3058 MOUNT VERNON ROAD
SUITE 12
HURRICANE, WV 25523



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9960 Mayland Dr., Suite 400, Richmond, VA 23233

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50010 (7/11) 107026-3

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

EXPIRES ON
06-30-2016

NUMBER
4008001745

REAL ESTATE APPRAISER BOARD
APPRAISAL BUSINESS REGISTRATION

CRIDER BOUYE & ELLIOTT LLC
2 RIDGEWAY AVE
GREENVILLE, SC 29607



Jay W. DeBoer
Jay W. DeBoer, Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION

COMMONWEALTH OF VIRGINIA

9960 Mayland Dr., Suite 400, Richmond, VA 23233

Telephone: (804) 367-8500

EXPIRES ON

03-31-2015

NUMBER

4008 001770

REAL ESTATE APPRAISER BOARD
BUSINESS REGISTRATION

STANTEC CONSULTING SERVICES INC
10800 MIDLOTHIAN TURNPIKE SUITE 310
NORTH CHESTERFIELD VA 23235



Gordon N. Dixon
Gordon N. Dixon, Director

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(POCKET CARD)

COMMONWEALTH OF VIRGINIA

REAL ESTATE APPRAISER BOARD
BUSINESS REGISTRATION
NUMBER: 4008 001770 EXPIRES: 03-31-2015
STANTEC CONSULTING SERVICES INC

10800 MIDLOTHIAN TURNPIKE SUITE 310
NORTH CHESTERFIELD VA 23235

(DETACH HERE)

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
9960 Mayland Dr., Suite 400, Richmond, VA 23233

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**Attachment 3.3.1:
Key Personnel Resume Forms**

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.	
a. Name & Title: JUDSON DALTON, LEED-AP Design-Build Project Manager	
b. Project Assignment: Design-Build Project Manager	
c. Name of Firm with which you are now associated: W.C. English Incorporated	
<p>d. Years experience: With this Firm <u>13</u> Years With Other Firms <u>0</u> Years Please list chronologically (most recent experience first) your employment history, position, general responsibilities, and duration of employment for the last fifteen (15) years. (NOTE: If you have less than 15 years of experience, please list the experience for those years you have worked. Project specific experience shall be included in Section (g) below):</p> <p>W. C. English, Inc. , 2007 – Present. Design-Build Project Manager & Estimator: Jud’s responsibilities include managing the QA/QC program and all design, construction, utility relocations, right-of-way acquisitions, third-party coordination, and project scheduling as well as total contract administration for his projects. He is also responsible for estimating and budget controls for many other projects.</p> <p>W. C. English, Inc. , 2005 – 2006. Assistant Project/Construction Manager: Jud’s responsibilities included: managing all construction activities; managing subcontractors; managing project schedule; coordinating the QC program; and contract administration. He was also the on-site point of contact for the Owner.</p> <p>W. C. English, Inc. , 2003 – 2004. Assistant Construction Manager: Jud’s responsibilities included: managing all construction activities; managing subcontractors; managing project schedule; coordinating the QC program; and contract administration.</p> <p>W. C. English, Inc. , 2001 – 2002. Foreman: Jud’s responsibilities included managing grading operations and subcontractors, and coordinating the QC program.</p>	
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: Randolph Macon College, Ashland, Virginia / B.A. / 2001 / Business and Economics	
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 2009 / LEED Certification / VA Registration #10382156; OSHA 10; Competent Person Training – Trench & Excavation; Confined Space-Coble Trench; Confined Space; CPR First Aid-7/15/2016; MSHA-Part 46 (New Miner); WZTC Training	
<p>g. Document the extent and depth of your experience and qualifications relevant to the Project.</p> <ol style="list-style-type: none"> 1. Note your specific responsibilities and authorities for each project, not those of the firm. 2. Note whether experience is with current firm or with other firm. 3. Provide beginning and end dates for each project; projects older than fifteen (15) years will not be considered for evaluation. <p>(List at least three (3), but no more than five (5) relevant projects* for which you have performed a similar function.)</p>	
NORTH GAYTON ROAD, Henrico, Virginia	
Name of Firm: W.C. English, Inc.	Project Role: Design-Build Project Manager
Beginning Date: 2007 (Design), 2009 (Construction)	End Date: 2012
<p>As the Design-Build Project Manager, Judson oversaw the entire project design, construction, quality management, and contract administration for the project. He also coordinated with the client and local stakeholders. English was responsible for the overall project management of the North Gayton Road project, an estimated 2.10 mile stretch that continues across the Pouncey Tract Road and terminates at the intersection of Shady Grove Road (North End) and Twin Hickory Drive (South End). The project involved the construction of a bridge over I-64, two arch culverts, closed drainage system extensive borrow excavation, widening of the existing facility, shared use path, aesthetic treatments and lighting. Construction for the project was complete in 2012.</p>	



Specific Responsibilities: Jud provided overall project management, including extensive construction engineering and inspection, QA/QC, and third party coordination/relations. He managed all right-of-way acquisition; oversaw the development/execution of the TMP; managed the design construction of retaining walls; managed the design and construction of a roadway on existing and new alignment; built and managed the project CPM schedule; managed the subcontractors, including signal installation; led all project progress meetings; coordinated and paid for all utility relocations; managed design and installation of temporary and permanent traffic control devices; managed hydraulic design and construction including stormwater management; managed geotechnical investigation and foundation design; oversaw the environmental assessment and permitting; managed personnel/equipment resources self-performing work; and planned events and communicated with the owner, inspectors, and engineers.

Project Relevance: Jud served as the Design-Build Project Manager, the same role as proposed for the Odd Fellows Drive Interchange Project. The project was a DB project built to VDOT standards. The project included a new bridge over a divided 4-lane facility. The project included MOT, MSE walls, third party coordination, right-of-way acquisition, utility relocations, shared-use path, aesthetic treatments, and lighting. The project's value is also similar to the Odd Fellows Road Interchange project.

2. COWAN BOULEVARD, City of Fredericksburg, Virginia

Name of Firm: W.C. English, Inc.	Project Role: Assistant Construction Manager
Beginning Date: 2002	End Date: 2005

Jud assisted in oversight of all construction activities for this \$11 million project, which included the widening of a 2-lane roadway to a 4-lane divided highway through an urban corridor including a shared use path. Jud participated in the construction management for: the intersection of Central Park Boulevard and Carl D. Silver Parkway (project extension); construction of the bridge over I-95; and the widening of Cowan Boulevard from I-95 to Route 1 (new and existing alignment). Jud's work included oversight of 194,000 CY of excavation, extensive traffic control and phasing, a large arch culvert with a pedestrian trail and bridge, and two signalized intersections. It also included replacing a 12-inch water line which paralleled the roadway. English, as the prime contractor, also had to work with an elementary school adjacent to the project to provide proper and safe access for the students, and Jud participated in this process. **Construction for the project was completed in 2005.**

Specific Responsibilities: Jud planned and coordinated project progress meetings; supervised personnel/equipment usage for self-performed work, including grading and structure operations; scheduled and managed subcontractors; planned and coordinated with VDOT inspectors and engineers; and managed and implemented all traffic control in accordance with the phased Traffic Management Plan.

Project Relevance: This VDOT project included a new bridge over a divided 4-lane facility and widening an existing facility. The project also included MOT, shared-use path, and public utility relocations.

3. Route 895 Connector Design-Build, Henrico County, Virginia

Name of Firm: W.C. English, Inc.	Project Role: Assistant Construction Mgr.	
Beginning Date: 1998	End Date: 2002	

Jud participated in the management of construction for this \$85 million project—the first PPTA project initiated in the Commonwealth of Virginia. While assisting with construction management and serving as foreman of a construction crew, Jud provided services for building eight miles of roadway (which had 10 major drainage structures); 3,200,000 cubic yards of grading; 450,000 tons of stone and asphalt; and 14 bridges with 1,260,000 square feet of MSE walls. He also provided these services for the rebuilding the interchange of Chippenham Parkway (Route 150) and I-95, which included the connection with the 895 connector and then continuing the 895 connector to the tie-in with Route 295. English was a subcontractor for FD/MK (prime). **Construction for the project was complete in 2002**

Specific Responsibilities: Jud supervised personnel/equipment usage for self-performed work on heavy grading operation through new alignment; executed the TMP and all necessary traffic control to include all traffic control along I-295 (temporary and permanent); scheduled and assisted with inspectors and engineers; supervised the stormwater management facilities, specifically along I-295 at the new interchange; managed the installation and maintenance of all erosion control measures; and coordinated and managed subcontractors.

Project Relevance: The project was a DB project for VDOT and included MOT, MSE walls, new bridge construction over multi-lane divided facility, improvements to the intersection of existing Laburnum Avenue and Route 5 with corresponding work along Laburnum Avenue and Route 5.

* On-call contracts with multiple task orders (on multiple projects) may not be listed as a single project.

h. For Key Personnel required to be on-site full-time for the duration of construction, provide a current list of assignments, role, and the anticipated duration of each assignment. N/A

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.	
a. Name & Title: JULIE PERKOSKI, PE Lead Construction Engineer	
b. Project Assignment: Quality Assurance Manager (QAM)	
c. Name of Firm with which you are now associated: Parsons Brinckerhoff, Inc.	
<p>d. Years experience: With this Firm <u>21</u> Years With Other Firms <u>8</u> Years Please list chronologically (most recent experience first) your employment history, position, general responsibilities, and duration of employment for the last fifteen (15) years. (NOTE: If you have less than 15 years of experience, please list the experience for those years you have worked. Project specific experience shall be included in Section (g) below):</p> <p>Parsons Brinckerhoff, 1993-Present. Julie serves as Quality Assurance Manager (QAM), providing quality assurance services for various VDOT DB projects. Julie has nearly 30 years of construction oversight experience and has provided quality assurance services for various VDOT DB projects. She is thoroughly familiar with VDOT <i>Minimum Requirements for Quality Assurance and Quality Control on Design Build and P3 Projects, January 2012</i>. Julie has served as QAM on three VDOT design-build projects: the I-295/Meadowville Road Interchange Improvements, Virginia Capital Trail (Sherwood Forest Phase), and the I-66 Advanced Traffic Management System (ATMS). Additionally, in 2013, she served as Acting Area Construction Engineer in the Richmond District South Area. She also has experience as a Project Lead Construction Engineer, providing construction management and design services for numerous highway, military, governmental, recreational, and residential facilities. Julie is a registered, licensed Professional Engineer in the Commonwealth of Virginia.</p>	
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: Pennsylvania State University, University Park, PA / B.A.E. / 1985 / Architectural Engineering	
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 1995 / Professional Engineer / VA #0402027950 Virginia DCR Erosion & Sediment Control Contractor Certification #2752 (Expiration 11.30.2015)	
<p>g. Document the extent and depth of your experience and qualifications relevant to the Project.</p> <ol style="list-style-type: none"> Note your specific responsibilities and authorities for each project, not those of the firm. Note whether experience is with current firm or with other firm. Provide beginning and end dates for each project; projects older than fifteen (15) years will not be considered for evaluation. <p>(List at least three (3), but no more than five (5) relevant projects* for which you have performed a similar function.)</p>	
1. I-295 MEADOWVILLE INTERCHANGE, Chesterfield County, Virginia	
Name of Firm: Parsons Brinckerhoff	Project Role: QA Manager (QAM)
Beginning Date: October 2010	End Date: April 2012
<p>Specific Responsibilities: Julie was the Quality Assurance Manager (QAM) for the Meadowville Road Interchange project which included the design and construction of the new diamond interchange at Interstate 295 and Meadowville Road in Chesterfield County. Julie's responsibilities included: the development of the QA/QC Manual; managing daily quality assurance operations; monitoring and reviewing inspection diaries; ensuring material testing was performed in accordance with the project specifications; and working with the contractor, engineer, and VDOT to resolve construction issues. Construction for the project was complete in 2012.</p> <p>Project Relevance: Julie served as the QAM for this project, the same role as proposed for the Odd Fellows Road project. This project has several similarities to the Odd Fellows Road project including: roadway widening, stormwater management, and utility relocation. The project was a DB project for VDOT.</p>	
2. I-66 ADVANCED TRAFFIC MANAGEMENT SYSTEM, Arlington/Fairfax Counties, Virginia	
Name of Firm: Parsons Brinckerhoff	Project Role: QA Manager (QAM)
Beginning Date: January 2013	End Date: December 2014
<p>Specific Responsibilities: The \$34 million project installed integrated systems along I-66 from the DC/VA border to Gainesville, including lane usage signals, dynamic message signs, temporary shoulder use, variable speed limit displays, queue warning and emergency pull off areas equipped with surveillance and communication tools. As QAM, Julie has been responsible for the overall administration of the project QA Plan. Construction for the project is anticipated to be complete in 2014. Julie will be available for this project in 2015.</p>	

Project Relevance: Julie is serving as the QAM for this VDOT DB project, the same role as proposed for the Odd Fellows Road project. This project has several similarities to the Odd Fellows Road project including: roadway widening, MOT, utility relocations, day and night operations, coordination with DB manager and VDOT project manager, project documentation, foundations, project material certifications and ITS installations.

3. VDOT I-295/I-64 INTERCHANGE CONSTRUCTION MANAGEMENT, Richmond, Virginia

Name of Firm: Parsons Brinckerhoff	Project Role: QA/QC Manager
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Beginning Date: July 2009	End Date: January 2010
----------------------------------	-------------------------------

Specific Responsibilities: Julie was responsible for the final audit of VDOT project records, finalizing the project records and assisting VDOT’s consultant in the review of the final project estimate. **Construction for the project was complete in 2010.**

Project Relevance: Julie served as the final records QA/QC Manager, a role that is similar to the proposed role for this project. This project involved roadway widening.

4. VDOT PINNER’S POINT INTELLIGENT TRANSPORTATION SYSTEM (ITS), Portsmouth, Virginia

Name of Firm: Parsons Brinckerhoff	Project Role: Resident Engineer
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Beginning Date: October 2002	End Date: May 2007
-------------------------------------	---------------------------

Specific Responsibilities: Julie served as the Resident Engineer responsible for managing the CE&I services provided to VDOT for the traffic management system portion of the project. Her duties included reviewing contractor’s shop drawing submittals, resolution of conflicts, assisting VDOT with management of the project, coordination between the hardware and software contracts and tabulation of the contractor’s pay quantities. **Construction for the project was complete in 2007.**

Project Relevance: As Resident Engineer for the traffic management system portion of this project, Julie was responsible for and coordinated many of the same items as a QAM on a DB project including: utility relocations and installations, managing project documentation, managing project materials, freeway MOT, overhead sign installations, foundations and ITS installations.

* On-call contracts with multiple task orders (on multiple projects) may not be listed as a single project.

h. For Key Personnel required to be on-site full-time for the duration of construction, provide a current list of assignments, role, and the anticipated duration of each assignment. N/A

ATTACHMENT 3.3.1
KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.	
a. Name & Title: DEREK PIPER, PE, AICP Senior Supervising Project Manager	
b. Project Assignment: Design Manager Design QA/QC Manager	
c. Name of Firm with which you are now associated: Parsons Brinckerhoff, Inc.	
d. Years experience: With this Firm <u>18</u> Years With Other Firms <u>11</u> Years Please list chronologically (most recent experience first) your employment history, position, general responsibilities, and duration of employment for the last fifteen (15) years. (NOTE: If you have less than 15 years of experience, please list the experience for those years you have worked. Project specific experience shall be included in Section (g) below): Parsons Brinckerhoff, 1999-Present. Derek's technical specialties include program/project management, highway and intersection design, stormwater management plan development, permitting, environmental documentation, and utility design. His responsibilities as a Project Manager have included coordinating the individual design disciplines and ensuring overall project design is in conformance with contract documents and delivered on time and within budget. He has specific expertise in managing arterial roadway widening projects involving right-of-way acquisition, environmental permitting, complex maintenance of traffic phasing/staging, and utility relocations. He is responsible for conducting quality reviews for all deliverables and ensuring client satisfaction.	
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: University of Pittsburgh, Pittsburgh, PA / B.S. / 1985 / Civil Engineering	
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 1990 / Professional Engineer / PA # PE-039967-E; 1999 / Professional Engineer / SC #20046; 2000 / Professional Engineer / VA #0402046886; 2000 / Certified Planner / #017279	
g. Document the extent and depth of your experience and qualifications relevant to the Project. 1. Note your specific responsibilities and authorities for each project, not those of the firm. 2. Note whether experience is with current firm or with other firm. 3. Provide beginning and end dates for each project; projects older than fifteen (15) years will not be considered for evaluation. (List at least three (3), but no more than five (5) relevant projects* for which you have performed a similar function.)	
I-264 WIDENING/INTERCHANGE AND MLK EXTENSION (DB), Portsmouth, Virginia	
Name of Firm: Parsons Brinckerhoff	Project Role: Design Manager
Beginning Date: May 2009	End Date: June 2013
	
Specific Responsibilities: Derek served as the Design Manager for over \$200 million worth of improvements to I-264 and the MLK Extension. Specific scope elements included: widening of I-264 to accommodate the new interchange, widening of two interstate bridges; the elevated multi-lane MLK Extension (a controlled access facility) over CSX's Portsmouth Yard; 11 stormwater ponds/basins (including significant aesthetic treatments to two); three noise barriers; eight new bridges; 18 retaining walls; significant overhead highway signage; landscaping and aesthetic treatments; ITS system replacement/upgrades along I-264; and new ITS systems along the MLK Extension. Derek managed the design effort associated with delivering final roadway, structure & bridge, and maintenance of traffic plans; managed environmental and stormwater permitting, preparation of the Noise Abatement Design Report (NADR), aesthetic treatments design, utility coordination and utility relocation design; and coordinated design and right-of-way issues with the Contractor and VDOT. Derek was responsible for ensuring the project design was in conformance with the contract documents. He established and oversaw a QA/QC program for the disciplines involved in the design of the project, including review of the design, working plans, shop drawings, specifications and constructability for the project. The design for this project is complete. Construction is estimated to be complete in 2017. Parsons Brinckerhoff is currently providing design support during construction, including shop drawing reviews, preparing responses to RFIs, and As-Built documentation.	
Project Relevance: Derek served as the Design Manager for this project, the same role as proposed for the Odd Fellows Road project. This project has several similarities to the Odd Fellows Road project including: roadway widening, maintenance of traffic for high traffic volumes on interstate; design of stormwater ponds/basins; design of landscaping and aesthetic treatments; preparation of the NADR, design of interstate pavement markings, signage, and ITS elements;	

design of interstate bridge widening; and utility coordination. The project was a DB project, delivered under a PPTA agreement for VDOT in Hampton Roads.

2. I-295 WIDENING/INTERCHANGE AT MEADOWVILLE ROAD, Chesterfield County, Virginia



Name of Firm: Parsons Brinckerhoff	Project Role: Design QA/QC
Beginning Date: September 2010	End Date: February 2011

Specific Responsibilities: As QA/QC Manager for this project, Derek established and oversaw a QA/QC program for this \$12 million DB project to construct new interchange ramps at Interstate 295 and Meadowville Road in Chesterfield County. Derek directed QA/QC efforts and performed QA reviews of the roadway plans package including roadway plans, MOT plans, stormwater and drainage plans, and signage and pavement marking plans. The total contract timeline for this project was 15 months, with design completed five months from Notice to Proceed (NTP, September 9, 2010) and construction scheduled for a 12-month operation. The aggressive schedule called for overlap between the design and construction. To accelerate the construction schedule, the design delivery schedule was adjusted to coincide with the sequence of construction. In 2013, this project was recognized with a Merit Award by the Design Build Institute of America (DBIA). **Construction for the project was complete in 2012.**

Project Relevance: Derek provided design QA/QC for this DB project, similar to his proposed role for this project. This is a DB project for VDOT which includes interstate improvements, stormwater management, E&S, MOT for work on the interstate, and pavement marking & signage plans.

h. For Key Personnel required to be on-site full-time for the duration of construction, provide a current list of assignments, role, and the anticipated duration of each assignment. N/A

3. US 17 (DOMINION BOULEVARD) WIDENING, Chesapeake, Virginia

Name of Firm: Parsons Brinckerhoff	Project Role: Design QA/QC
Beginning Date: July 2009	End Date: January 2014

Specific Responsibilities: Derek performed QA/QC of roadway plans for this \$188 million improvement to Dominion Boulevard. He provided formal review of the civil plans, including roadway, stormwater, maintenance of traffic and utility relocations. Derek coordinated plan reviews with various discipline leads and provided constructability comments to improve traffic control and reduce property impacts. The project involved roadway widening under heavy traffic volumes to convert an existing 2-lane suburban roadway into a 4-lane limited access facility with grade separated interchanges throughout the project limits. The project design included a phased TMP/MOT plan to construct grade separated interchanges while maintaining existing traffic flows at the major intersections with Dominion Boulevard. The project included six new stormwater management facilities; modifications to both lengthen and convert an existing twin-cell box culvert to a triple-cell box culvert; stream modifications; 120,000 sf of MSE wall at 20 locations; noise barriers; landscaping; and significant utility relocations. **The design for this project is complete.** Construction is currently underway with expected completion in 2017.

Project Relevance: Derek provided design QA/QC for the Roadway Plans package. Relevant scope items include: widening of this controlled-access roadway; significant stormwater management ponds/basins; MOT with staged construction; utility coordination; right-of-way acquisition; and, environmental permitting.

4. TWO NOTCH ROAD IMPROVEMENTS, Columbia, South Carolina

Name of Firm: Parsons Brinckerhoff	Project Role: Design Project Manager
Beginning Date: August 2009	End Date: November 2011

Specific Responsibilities: Derek served as Design Manager for planned improvements to this 1.8-mile urban gateway corridor. The project included traffic capacity, safety, and streetscape improvements, drainage system improvements, traffic signals (with interconnects), and substantial utility relocation coordination. The project included decorative lighting, street trees, and aesthetic treatments. **Construction for the project is complete.**

Project Relevance: Derek served as the Design Manager for this project, the same role as proposed for the Odd Fellows Road project. This project has several similarities to the Odd Fellows Road project including: significant roadway widening project with MOT; design of aesthetic treatments (landscaping and lighting); environmental permitting and utility coordination.

5. NORTH MAIN STREET (US 21/I76/321) STREETScape IMPROVEMENTS, Columbia, South Carolina

Name of Firm: Parsons Brinckerhoff	Project Role: Design Project Manager
Beginning Date: May 2002	End Date: October 2009

Specific Responsibilities: As Project Manager then Principal-In-Charge for this 2.8-mile gateway corridor improvement project, Derek directed the Project Team in developing roadway, drainage, intersection, signalization (with interconnects), streetscape, street lighting & utility system improvements. The project included preparation of an urban design study, traffic study, public utility improvements, the relocation of overhead utilities to an underground system, as well as Final R/W Plans and Final Construction Plans.

Project Relevance: Derek served as Design Project Manager for this project, the same role as proposed for the Odd Fellows Road project. This project has several similarities, including: roadway widening within constrained right-of-way; street lighting; aesthetic improvements; and utility relocations.

* On-call contracts with multiple task orders (on multiple projects) may not be listed as a single project.

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.	
a. Name & Title: DARRELL SULLIVAN Project Superintendent	
b. Project Assignment: Construction Manager	
c. Name of Firm with which you are now associated: W.C. English Incorporated	
<p>d. Years experience: With this Firm <u>34</u> Years With Other Firms <u>0</u> Years Please list chronologically (most recent experience first) your employment history, position, general responsibilities, and duration of employment for the last fifteen (15) years. (NOTE: If you have less than 15 years of experience, please list the experience for those years you have worked. Project specific experience shall be included in Section (g) below):</p> <p>W. C. English, Inc., 1997 – Present. Construction Manager: Darrell’s role includes being on-site for all of his projects. He also manages construction operations and processes, E&S installation and maintenance, manages and coordinates the QC program and oversees all MOT operations, subcontractors, and project schedules.</p>	
<p>e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: New River Community College, Dublin, Virginia / No Degree / 1973-1975 Virginia Polytechnic Institute and State University, Blacksburg, Virginia / No Degree / 1975-1977 / Architectural and Construction Engineering</p>	
<p>f. Active Registration: Year First Registered/ Discipline/VA Registration #: As permitted in the Request for Qualifications, Darrell will obtain a Virginia Department of Environmental Quality (DEQ) Responsible Land Disturber (RLD) Certification and a VDOT Erosion and Sediment Control Contractor Certification (ESCCC) prior to the commencement of construction. 2009/ACI Certification / #1179286; WZTC - Intermediate w/Traffic Control Supervisor Certification ATSSA Certification / #219253</p>	
<p>g. Document the extent and depth of your experience and qualifications relevant to the Project.</p> <ol style="list-style-type: none"> 1. Note your specific responsibilities and authorities for each project, not those of the firm. 2. Note whether experience is with current firm or with other firm. 3. Provide beginning and end dates for each project; projects older than fifteen (15) years will not be considered for evaluation. <p>(List at least three (3), but no more than five (5) relevant projects* for which you have performed a similar function.)</p>	
1. STATE ROUTE 208, SPOTSYLVANIA COUNTY, Virginia	
Name of Firm: W.C. English, Inc.	Project Role: Construction Manager
Beginning Date: 2010	End Date: 2013
<p>As Construction Manager, Darrell oversaw all construction operations (self-performed and subcontracted) and coordinated with VDOT for quality control activities, the installation and maintenance for all E&S activities, and implemented and maintained all MOT controls. English was responsible for the overall project management and construction for this \$14 million VDOT project, which consists of widening the existing State Route 208 and relocating a portion of existing State Route 208 with new alignment. The effort included the addition of travel lanes as well as two new bridges over the Ta and Po rivers.</p> <p>Specific Responsibilities: Darrell provided overall construction management for self-performed and bridge operations. He also scheduled and managed subcontractors; coordinated directly with VDOT and QA/QC staff to assist in implementing the quality program; executed the traffic management plan for the installation of all temporary and permanent traffic control devices, including all necessary traffic switches for the phased construction; reviewed cost and productions; and coordinated with third-party property owners to maintain access.</p> <p>Project Relevance: Darrell served as the one of the Construction Managers, the same role as proposed for the Odd Fellows Road Interchange project. This VDOT project included upgrades to existing roadway facility, intersection improvements, bridge construction, MOT, stormwater management, and temporary and permanent traffic controls. The project was built to VDOT standards.</p>	

2. LAYHILL ROAD PHASES, A, B, C, Virginia		
Name of Firm: W.C. English, Inc.	Project Role: Construction Manager	
Beginning Date: 2005	End Date: 2007	
<p>This \$4+ million project consisted of building an access road on new alignment into the new Leeland Station subdivision. Darrell oversaw the entire construction process and managed workers and processes related to the construction portion of the job. The design connected two existing roads and included a 3,500-foot bridge over CSX railroad, which included through lanes in both directions and dedicated left lane turn lanes for the subdivision access roads. This road also provided access to the newly completed Leeland Elementary School and a future library and community center. Temporary access to the new elementary school had to be maintained throughout the project.</p> <p>Specific Responsibilities: Darrell provided overall construction management of all phases, including scheduling and directing crews for self-performed and bridge operations (including construction of the stormwater management facilities). Darrell worked with the Owner on design reviews prior to and during construction for constructability and cost reduction. He coordinated with third-parties regarding school access; ensured project quality by using and managing the on-site quality control program; ensured compliance with environmental and permitting requirements; coordinated railroad requirements and personnel for all bridge construction; and coordinated all utility relocations.</p> <p>Project Relevance: Darrell served as one of the Construction Managers, the same role as proposed for the Odd Fellows Road Interchange project. The project included road construction, intersection improvements, and third-party coordination. The design connected two existing roads and included a 3,500-foot bridge over CSX railroad.</p>		
3. ROUTE 218, Stafford County, Virginia		
Name of Firm: W.C. English, Inc.	Project Role: Construction Manager	
Beginning Date: 2000	End Date: 2004	
<p>Darrell provided construction oversight and management of the entire construction team for this \$16 million VDOT project consisting of building and relocating Route 218, 212, and 607 on new alignment and widening to existing facilities, including the signal installation. This project also included two bridges (712 feet and 190 feet), both of which were over active rail lines.</p> <p>Specific Responsibilities: Darrell provided overall construction management of all phases, including scheduling and directing crews for self-performed and bridge operations and construction of the stormwater management facilities. He coordinated public relations; supervised the installation and maintenance of erosion and sediment controls; coordinated all subcontractors; managed traffic, including installation of temporary and permanent traffic control devices to accommodate the phased traffic management plan; worked with VDOT and their QA/QC team to ensure project quality and efficiency for the construction and quality control program; coordinated the installation of utilities; and coordinated with railroad for all bridge submittals and construction operations.</p> <p>Project Relevance: This VDOT project included MOT, road construction, widening to existing facilities, and intersection improvements over active railroad lines. This project also included two bridges (712 feet and 190 feet), both of which we over active rail lines.</p>		
* On-call contracts with multiple task orders (on multiple projects) may not be listed as a single project.		
h. For Key Personnel required to be on-site full-time for the duration of construction, provide a current list of assignments, role, and the anticipated duration of each assignment.		
Project	Role	Anticipated Duration
(NFO) 0651-042-349, C501, B601	Construction Manager	July 30, 2014
*Darrell is available to be transitioned from this to Greenview Drive at onset of the project.		

Attachment 3.4.1: Work History Forms

ATTACHMENT 3.4.1(a)
LEAD CONTRACTOR - WORK HISTORY FORM
(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement. (in thousands)
					Original Contract Value	Final or Estimated Contract Value	
 Name: North Gayton Road Location: <i>Henrico County, VA</i>	Name: EarthTech/AECOM	Name of Client / Owner: County of Henrico Phone: (804) 501-5985 Project Manager: Rob Tieman Phone: (804) 501-5985 Email: tie@co.henrico.va.us	April 2012	December 2012 (Final date change requested/design changes and aesthetic improvements requested and approved by Owner)	\$38,600	\$38,300 (cost savings provided by English at the Owner's request)	\$21,700

h. Narrative describing the Work Performed by the Firm identified as the Lead Contractor for this procurement. If the Offeror chooses to submit work completed by an affiliated or subsidiary company of the Lead Contractor, identify the full legal name of the affiliate or subsidiary and the role they will have on this Project, so the relevancy of that work can be considered accordingly.



In conjunction with utility relocations, two arch culverts allowed the relocation of Bacova Road to accommodate phasing of the bridge construction. Due to poor soil conditions, undercutting became a major component of grading operations, especially at the southern bridge abutment, where geotechnical investigations determined poor soil conditions at the location of MSE Walls. The bridge structure over I-64 included various aesthetic treatments (decorative lighting, form liners on all parapet walls, and painting of the stone pattern to meet City requirements).

Highlights and challenges on this project included a detailed Maintenance of Traffic (MoT) Plan to accommodate construction and accommodate access to existing business and residual properties during construction. The MoT Plan included construction access to the median of I-64, to provide for access the pier construction in the median. Private utility relocations of over \$1 million presented a variety of challenges as relocation of nearly one mile of overhead Dominion power lines, Comcast and Verizon telecommunications lines, and underground City of Richmond Gas lines required coordination and detailed scheduling of construction activities. With a constrained right-of-way footprint, implementing erosion control features was a challenge, as traps & basins engineered to fit within in available areas to properly treat runoff from construction operations.

With over 70 right-of-way acquisition parcels, English involvement in right of way acquisition was critical. English participated in all public meetings for the project and met with each individual property owner throughout the duration of the project. English's greatest challenge was prioritizing acquisition to coincide with construction phasing. The use and management of a detailed CMP schedule that included activities for each parcel was key to the success and delivery of the project.

The project included a two-lane to four-lane widening and extension of North Gayton Road, from West Broad to a new bridge crossing Interstate 64 (I-64), then a new alignment roadway from I-64 to the intersection of Pouncey Tract Road and Shady Grove Road. Extending nearly 2.10 miles, the project continues across Pouncey Tract Road where it terminates at the intersection of Shady Grove Road and Twin Hickory Drive. The project involved new bridge construction with MSE Walls for the bridge over I-64. And, the project also included widening of the existing two-lane facility to 4 lanes at both ends of the project. The new four-lane divided roadway typical section required an enclosed drainage collection system and shared use paths.

SIMILARITIES TO THIS PROJECT:

- ✓ Judson Dalton served as the DBPM
- ✓ Bridge construction over interstate facility with MSE walls
- ✓ Girder installation over live traffic
- ✓ Extensive and complicated maintenance of traffic on I-64 to facilitate traffic
- ✓ Significant utility conflicts and coordination (public/private)
- ✓ Extensive borrow excavation
- ✓ Construction over and near environmentally-sensitive areas
- ✓ Shared-use path
- ✓ Large culverts & arch culverts

*For multiple phase projects, only a single phase of construction (or single contract) will be considered as a Project. If additional phases are shown under the same Work History Form, only the first phase (or contract) listed will be evaluated.

ATTACHMENT 3.4.1(a)
LEAD CONTRACTOR - WORK HISTORY FORM
(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement. (in thousands)
					Original Contract Value	Final or Estimated Contract Value	
Name: Iredell County New Interstate Interchange and Roadway Widening Location: <i>Mooreville, NC</i>	Name: NCDOT	Name of Client / Owner: NCDOT Phone: (704) 876-3543 Project Manager: John Cook, PE Phone: (704) 876-3543 Email: jrcook@ncdot.gov	July 2013	October 2013 (final date change due to Owner requested design changes)	\$22,595	\$24,967 (monetary delta due to bid item overruns)	\$11,770

h. Narrative describing the Work Performed by the Firm identified as the Lead Contractor for this procurement. If the Offeror chooses to submit work completed by an affiliated or subsidiary company of the Lead Contractor, identify the full legal name of the affiliate or subsidiary and the role they will have on this Project, so the relevancy of that work can be considered accordingly.



English was the prime contractor for this new interstate interchange and road widening project, recently completed for NCDOT. This project involved a two-lane to four-lane widening of Brawley School Road (SR-1100) from Williamson Road to East of Wingham Court (approximately 1.2 miles), including the reconstruction of the Brawley School Road interchange on I-77 (including new entry and exit ramps to I-77, and a new two span SPUI bridge over divided I-77). The project included a new entrance road to a Lake Norman subdivision with a 5 span concrete cored slab bridge; 125,000 CY of unclassified excavation, 127,000 CY borrow excavation, associated intersection improvements and reconstruction, curb & gutter, sidewalk, 33,000 SF of MSE walls, 3,200 SF of retaining walls, box culverts, 90,000 tons of asphalt concrete pavement, overhead sign structures, and high mast lighting. Maintenance of traffic operations were vital to the success of the project with phasing to facilitate the construction of the new bridge over I-77, the new interchange ramps, and the widening of existing Brawley School Road. Construction involved off peak and night operations to minimize traffic impacts. Similar to what is anticipated for Odd Fellows Road, English implemented phased grading and storm drain operations due to profile grade changes. The phasing created temporary drainage issues that English had to address during construction. The project included major water and sewer relocations as well as maintaining access to several businesses and residences throughout the life of the project and in conjunction with the maintenance of traffic plans.

Some of the most challenging operations on this project included the erection of bridge girders over the existing four-lane divided roadway (I-77), all of which had to be erected at night to avoid impacts to traffic operations during peak periods. Environmentally sensitive areas were a major focus of the project due to adjacent wetlands and streams as well as the projects proximity to Lake Norman. Routine monitoring and reporting was required for the project to ensure the protection of all sensitive areas.

SIMILARITIES TO THIS PROJECT:

- ✓ Bridge construction over a divided facility
- ✓ Bridge with MSE wall abutments
- ✓ Girder installation over live traffic
- ✓ Interchange construction
- ✓ Construction in and adjacent to high traffic volumes
- ✓ Intersection improvements and reconstruction
- ✓ Borrow excavation
- ✓ Extensive storm drain improvements
- ✓ Retaining walls
- ✓ Large culverts
- ✓ Phased maintenance of traffic
- ✓ Accommodation of businesses and residential access
- ✓ Public utility relocations
- ✓ Construction within environmentally-sensitive areas
- ✓ Widening of existing two-lane facility to four-lane

*For multiple phase projects, only a single phase of construction (or single contract) will be considered as a Project. If additional phases are shown under the same Work History Form, only the first phase (or contract) listed will be evaluated.

ATTACHMENT 3.4.1(a)
LEAD CONTRACTOR - WORK HISTORY FORM
(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement. (in thousands)
					Original Contract Value	Final or Estimated Contract Value	
Name: US 1 and Morganton Road Interchange Reconstruction Location: <i>Moore County, NC</i>	Name: NCDOT	Name of Client / Owner: NCDOT Phone: (919) 776-9623 Project Manager: M. Gary Phillips, PE Phone: (919) 776-9623 Email: mgphillips@ncdot.gov	June 2015	August 2014 (final date change due to Owner request because of public events in the area)	\$9,992	\$10,417 (monetary difference due to additional work requested by the Owner)	\$5,596

h. Narrative describing the Work Performed by the Firm identified as the Lead Contractor for this procurement. If the Offeror chooses to submit work completed by an affiliated or subsidiary company of the Lead Contractor, identify the full legal name of the affiliate or subsidiary and the role they will have on this Project, so the relevancy of that work can be considered accordingly.



“The Morganton Road bridge turned out really nice.”

Ron Van Cleef
Assistant Resident Engineer, NCDOT

The project included a reconstruction of the interchange at US 1 and Morganton Road including a new 2-span bridge over a controlled access, divided highway, new access ramps and loop ramp as well as roadway improvement on multiple adjacent roads (US 1, Morganton Road, Murray Hill Road, and Saunders Boulevard). The project included improvements to five intersections, adjacent roadways, and new traffic signals. Bridge construction consisted of over 15,000 SF of deck slab, 11 lines of steel girders, landscaping, and hand formed church window parapets with architectural staining. All girder installation was performed at night over live traffic. The project also included were 900 SF of MSE walls, significant temporary support of excavation, borrow, grading, storm drainage, utility relocations, and miscellaneous concrete work (curb & gutter / sidewalk / islands). *This project was accelerated per the NCDOT's request and will finish 10 months ahead of contract requirements.*

Project challenges included temporary shoring to accommodate retaining wall and bridge construction. Access to existing businesses, religious organizations, and residences created daily challenges that had to be coordinated with the phased MOT plan. Dealing with the high traffic volume on US 1 in conjunction with productive construction activities created the necessity to maintain all traffic control devices continuously throughout the day. Protecting environmentally sensitive areas were a major focus of the project, due to adjacent wetlands and streams. Routine monitoring and reporting was required for the project to ensure the protection of all sensitive areas. The most significant challenge was to finish the project approximately one year ahead of the contract schedule, per a request from NCDOT. *The request was due to the men's and women's US Open golf tournaments being held during consecutive weeks, in nearby Pinehurst, located approximately one mile from the project limits. Accelerating the project with only four months' notice from the owner was a huge challenge that the English team delivered.*

SIMILARITIES TO THIS PROJECT:

- ✓ Bridge construction over a divided facility
- ✓ Girder installation over live traffic
- ✓ Interchange construction
- ✓ Construction in and adjacent to high traffic volumes
- ✓ Intersection improvements and reconstruction
- ✓ Borrow excavation
- ✓ Extensive storm drain improvements
- ✓ Retaining walls
- ✓ Phased maintenance of traffic
- ✓ Accommodation of businesses, religious organizations, and residential access
- ✓ Public utility relocations
- ✓ Aesthetics, landscaping and lighting
- ✓ Work in/near environmentally-sensitive areas

*For multiple phase projects, only a single phase of construction (or single contract) will be considered as a Project. If additional phases are shown under the same Work History Form, only the first phase (or contract) listed will be evaluated.

ATTACHMENT 3.4.1(b)
LEAD CONTRACTOR - WORK HISTORY FORM
(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement. (in thousands)
					Original Contract Value	Final or Estimated Contract Value	
 Name: I-295/Meadowville Road Widening and Interchange Improvements Location: <i>Chesterfield, VA</i>	Name: Curtis Contracting, Inc.	Name of Client / Owner: VDOT Phone: (804) 674-2800 Project Manager: Jeff Roby Phone: (804) 674-2800 Email: jeffrey.robby@vdot.virginia.gov	December 2011	October 2011	\$11,715	\$11,820 (overage due to additional concrete pavement replacement requested by Owner)	\$994

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant. **This project was managed and executed from Parsons Brinckerhoff's Virginia Beach office.**



shoulder required demolition to facilitate the interstate widening. The existing pavement had to be removed to the nearest longitudinal joint which fell on the lane line for the adjacent travel lane. To accommodate traffic and construction in this area, there were several temporary conditions implemented in the TMP that were critical in providing a safe work zone. These conditions included a temporary speed limit reduction within the work zone, reducing the travelway to two-lanes in each direction, and reducing the travelway lane widths. As a stipulation to the construction contract, the temporary conditions could not be in place during holiday or peak travel seasons. Therefore, the design of the work zone had to be readily reversible. Parsons Brinckerhoff worked collaboratively with the Design-Builder to reduce the construction duration in the corridor by several months and allowing the project to be delivered on time, with change orders limited to less than 1% of the contract value.

As part of the final design approval process for the project, a preliminary design was required for the ultimate widening of I-295 to validate that our design for the new interchange ramps and auxiliary lanes would not preclude future widening. The ultimate design included additional lanes for mainline I-295, collector-distributor roads for the interchanges at Meadowville Road and Route 10, and widening of the bridge carrying Meadowville Road over I-295. A bridge Type, Size, and Location (TS&L) Study was also performed for the Meadowville Road overpass to accommodate the future widening of I-295. The design team prepared a subsequent set of drawings that included the design of the ultimate widening of I-295 overlaid on the roadway construction drawings. These drawings were issued to both VDOT and FHWA, as part of the formal request for authorization to commence construction.

As Lead Designer for this DB project, Parsons Brinckerhoff designed a new diamond interchange at Interstate 295 and Meadowville Road, in Chesterfield, VA. The project included new auxiliary lanes and shoulders in each direction to accommodate a new interchange at existing Meadowville Road, where it intersected I-295. Similar to the Odd Fellows Road project, this project also included four new interchange ramps connecting Meadowville Road to I-295.

Maintaining interstate traffic and a safe work zone was an integral component of the Traffic Management Plan (TMP) for this project. The existing concrete pavement of both the outside lane and

Parsons Brinckerhoff provided a full range of design services that developed initial "approved for construction" documents within three months from Notice to Proceed. Such involved an early construction package that included erosion and sediment control plans, the design of major drainage structures, and geotechnical investigations to advance rough grading activities. This allowed the Contractor to expedite construction activities concurrent with final design development. The early construction package was also used to coordinate with the public and private utility providers that ultimately lead to undergrounding a high voltage power line and fiber optic cable, as well as the encasement of an existing 30-inch water line. Finally, the early construction package was used to commence the permit process with the Department of Environmental Quality and the U.S. Army Corps of Engineers for the stream and wetland impacts associated with the project.

Parsons Brinckerhoff also led the Quality Assurance Team. The QAM and team provided inspection and testing to assess construction processes relative to the applicable standards and specifications. The QAM & staff performed independent control testing in accordance with the VDOT approved QA/QC Plan which was based on VDOT's "Minimum Quality Control and Quality Assurance requirements for Design-Build & Public Private Transportation Act Projects" dated August, 2007 (Guidelines). Parsons Brinckerhoff provided feedback to the Project Manager to assure all QA/QC inspections and testing of materials and in-place construction was performed according to plans, all project documentation was performed and submitted and verified that all design and construction adhered to the contract before any payment was approved. Parsons Brinckerhoff QAM had the written authority to stop or hold work.

SIMILAR SCOPE ELEMENTS:

✓ roadway widening	✓ survey
✓ geotechnical	✓ environmental
✓ traffic control	✓ hydraulics/SWM
✓ utilities	✓ TMPs
✓ public involvement	✓ right-of-way
✓ QA/QC	✓ landscaping
	✓ project management

PROPOSED PERSONNEL THAT WORKED ON THIS PROJECT

Michelle Martin: Design Manager
Julie Perkoski: QAM
Derek Piper: QA Review
Melissa Pritchard: Lead Hydraulics Engineer
Tim Rayner: Lead Traffic Engineer

NOTABLE FEATURES:

This project not only received high praise and appreciation from VDOT, but has also been recognized numerous times in the transportation industry. The first opportunity was when the Governor chose the project site to sign a \$3B transportation funding package, the largest allocation to transportation in Virginia in the last 20 years. The second was when the project was selected as one of five in the Commonwealth of Virginia to be presented at the 2011 Governor's Transportation Conference for its unique influence by Chesterfield County and the successful implementation. Finally, this project was recognized with a Merit Award at the 2013 Design Build Institute of America (DBIA) National Conference.

*For multiple phase projects, only a single phase of construction (or single contract) will be considered as a Project. If additional phases are shown under the same Work History Form, only the first phase (or contract) listed will be evaluated.

ATTACHMENT 3.4.1(b)
LEAD DESIGNER - WORK HISTORY FORM
(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime/ general contractor responsible for overall construction of the project	c. Contact information of the Client and their Project Manager who can verify Firm's responsibilities.	d. Construction Contract Completion Date (Original)	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement. (in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
Name: Korean Veterans Boulevard Gateway Roundabout and US 41 Location: <i>Nashville, TN</i>	Name: Civil Constructors, Inc.	Name of Client: Nashville Metro Public Works Phone:(615) 862-8764 Project Manager: Mark Macy Phone:(615) 862-8764 Email: Mark.Macy@nashville.gov	March 2013	March 2013	\$10,900	\$11,500 (Overages due to Owner requested changes, which created additional cost, as final plans for the adjacent convention center were not completed at the time of bidding)	\$1,900

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant. **This project was managed and executed from Parsons Brinckerhoff's Atlanta, GA office.**



The Korean Veterans Boulevard Nashville Gateway Roundabout functions as the centerpiece of the revitalization of the South of Broadway (SoBro) area and as an iconic gateway into downtown Nashville, involving two federal highways (US 41 and US 31), which by law had to remain open during construction of Gateway Boulevard.

Technical issues specific to the roundabout design included a detailed traffic operations analysis, which was critical to the development of functional designs for the proposed alternatives. As part of the traffic analysis, Parsons Brinckerhoff developed Synchro traffic analysis models to evaluate intersection capacity, determine levels of service, and recommend mitigation and intersection geometric concepts. Parsons Brinckerhoff recommended and developed a two-lane roundabout concept including geometric details, that was analyzed using the VisSim and aaSIDRA models.

The design incorporates the latest standards of practice to accommodate high vehicle and pedestrian volumes, low design speeds, truck turning movements, challenging topography, drainage and utility issues. Due to the complexity of the intersection, careful consideration of the signing and striping plan was necessary to reduce motorist confusion and encourage entry into the roundabout in the appropriate lane. The roundabout design incorporates channelization to maximize throughput and minimize the footprint. Sidewalks, splitter islands and crosswalks were designed to meet Americans with

Disabilities Act (ADA) requirements.

After acceptance of the concept design by the City of Nashville, the Tennessee Department of Transportation (TDOT), and the Federal Highway Administration (FHWA), Parsons Brinckerhoff developed Final Right-of-Way Plans, Final Construction Plans, and construction documents. Final design involved extensive coordination with the City of Nashville, TDOT, FHWA, the Tennessee Department of Environment and Conservation, other state and local agencies, affected utilities, as well as the Music City Convention Center design and construction teams. The work also included coordinating with the construction of the adjacent Metro Convention Center, twenty-two (22) different utilities within the corridors, subcontractors and other stakeholders.

Roundabout features include:

- All approaches to the dual lane roundabout have multiple entry lanes.
- Roadway skews required a larger-than-average inscribed diameter (230 feet) to provide adequate deflection and speed controls.
- Stakeholders desired an “iconic” circular sidewalk concentric to the roundabout, requiring careful planning of the splitter islands and crosswalk locations.

PROPOSED PERSONNEL THAT WORKED ON THIS PROJECT

Joseph Koram: Lead Roadway Engineer
Jonathan Reid: Roundabout Analysis

NOTABLE FEATURES:

Project received 2013 Grand Award for Engineering Excellence from the Tennessee Chapter of the American Council of Engineering Companies.

*For multiple phase projects, only a single phase of construction (or single contract) will be considered as a Project. If additional phases are shown under the same Work History Form, only the first phase (or contract) listed will be evaluated.

ATTACHMENT 3.4.1(b)
LEAD DESIGNER - WORK HISTORY FORM
(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime/ general contractor responsible for overall construction of the project	c. Contact information of the Client and their Project Manager who can verify Firm's responsibilities.	d. Construction Contract Completion Date (Original)	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement. (in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
 Name: I-264 Widening/Interchange and MLK Extension Design-Build Location: <i>Portsmouth, VA</i>	Name: SKW Constructors, Inc. (an incorporated Joint Venture of Skanska Civil Southeast, Inc., Kiewit Construction, and Weeks Marine, Inc.)	Name of Client: SKW Constructors Phone: (757) 673-9487 Project Manager: Wade Watson Phone: (757) 673-9487 Email: wade.watson@skanska.com	December 2016 (Design is complete)	Estimated October 2016 (Design is complete)	\$205,000	\$205,000	\$12,000

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant. **This project was managed and executed primarily from Parsons Brinckerhoff's Virginia Beach office. Other offices within the region provided design support.**



Parsons Brinckerhoff delivered final construction plans for the widening of and modifications to I-264 required to construct the MLK Extension (one mile of new location elevated freeway); a new interchange; and the elimination of existing interchange ramps as part of the Elizabeth River Tunnels project. Specific scope elements included: widening of two interstate bridges; the elevated MLK Extension (a controlled access facility) over CSX's Portsmouth Yard; 11 stormwater ponds/basins (including significant aesthetic treatments to two); three noise barriers; eight new/widened bridges; 18 retaining walls; significant overhead highway signage; landscaping; ITS system replacement/upgrades along I-264; and new ITS systems along the MLK Extension. Parsons Brinckerhoff is currently providing design support during construction, including shop drawing reviews, preparing responses to RFIs, and As-Built documentation.

As the **Prime Designer**, Parsons Brinckerhoff performed major components of the design effort including: widening of I-264; Ramp EN geometrics; new Ramp EN structure over US 17; preparation of the Transportation Management Plan (TMP); utility coordination and relocation; stormwater system modeling and stormwater basin design for all 11 basins; coordination with CSX and N&PBL Railroad; and preparation of the Noise Abatement Design Report (NADR) for three new noise walls.

Parsons Brinckerhoff's management team utilized several tools and techniques which proved to be particularly valuable in increasing the efficiency and coordination of the project team. These included:

- ✓ Using **ProjectWise**, a web-based document management system, provided a single platform for the entire design team, allowing interdisciplinary coordination to occur in real time during design development.
- ✓ Conducting **interdisciplinary web-conferencing for QC reviews** in advance of submittals, minimizing the chance of errors in the design plans.
- ✓ Packaging design plans into **discreet work packages** (grading & drainage; bridges; signing & pavement markings, etc.) to meet project schedules.
- ✓ Holding **weekly progress teleconferences** to update progress, communicate potential issues and discuss interdisciplinary coordination.
- ✓ Establishing and utilizing **"Subject Matter Task Forces,"** including environmental permitting & approvals; geotechnical & structures, right-of-way & utilities; TMP/MOT; and public relations.

SIMILAR SCOPE ELEMENTS:

✓ roadway widening	✓ survey
✓ structure & bridge	✓ environmental
✓ geotechnical	✓ hydraulics/SWM
✓ traffic control	✓ TMPs
✓ noise walls	✓ right-of-way
✓ utilities	✓ landscaping
✓ public involvement	✓ ITS
✓ QA/QC	✓ railroad coordination
✓ project management	

PROPOSED PERSONNEL THAT WORKED ON THIS PROJECT

Derek Piper: Design Manager
Michelle Martin: Lead Roadway Engineer
Melissa Pritchard: Lead Hydraulics Engineer
Tim Rayner: Lead Traffic Engineer

UNIQUE FEATURES:

Unique elements of this design include an **elevated roadway structure over a CSX facility** that required significant coordination with CSX during design, and the use of **Geofoam** in areas with significant fill and poor subsurface material.

*For multiple phase projects, only a single phase of construction (or single contract) will be considered as a Project. If additional phases are shown under the same Work History Form, only the first phase (or contract) listed will be evaluated.



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