

Statement of Qualifications

ROUTE 3 WIDENING

State Project No.: 003-023-107, P101, R201, C501 | Federal Project No.: STP-023-7(024) | Contract ID No.: C00014657DB56

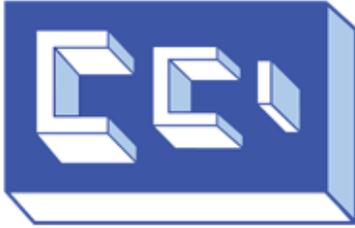


Submitted to: Virginia Department of Transportation  Virginia Department of Transportation

Submitted by: Curtis Contracting, Inc. 

in association with: Parsons Brinckerhoff, Inc.





Curtis Contracting, Inc.

"Proud of Our Past, Excited About Our Future"

Post Office Box 769
West Point, Virginia 23181
(804) 843-4633 / FAX: (804) 843-2545
Website: www.curtiscontracting.net

January 25, 2013

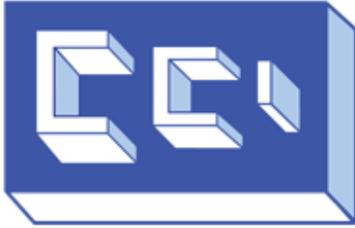
Ms. Brenda L. Williams
Commonwealth of Virginia
Department of Transportation (VDOT)
Central Office Mail Center
Loading Dock Entrance
1401 E. Broad Street
Richmond, VA 23219

RE: **ROUTE 3 WIDENING** | *State Project No.: 003-023-107, P101, R201, C501 |
Federal Project No.: STP-023-7(024) | Contract ID No.: C00014657DB56*

Ms. Williams:

The Curtis Contracting, Inc./Parsons Brinckerhoff Team is pleased to submit our qualifications for the Route 3 Widening Design-Build project. Our Team has proven with our experience that we can deliver challenging design-build projects on time and within budget. The strength that our Team can bring to this project comes from experience and proven performance.

The Curtis Contracting, Inc./Parsons Brinckerhoff Team has been delivering successful design-build projects together for the past several years. Over this time, the Team has established a genuine work relationship with the same core values of honesty, trust, respect, and accountability. This Team brings over 25 years of local knowledge of this area and significant project experience with the Virginia Department of Transportation. Our client focused delivery and knowledge of the design-build process has earned us a reputation as one of the most highly capable, professional, and quality Design-Builders in the State of Virginia.



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The success of this Team was proven when the I-295/ Meadowville Road Interchange Project was one of three projects selected to be presented at the 2011 Governor’s Transportation Conference. The successful completion of this complex project with an aggressive schedule demonstrates that the Team thoroughly understands how to deliver a successful design-build project.

Above all, our Team has proven exceptional in the delivery of its projects with specific focus on partnering and customer satisfaction. Our Team believes in a transparent relationship that fosters the true values of honesty, trust, respect, and accountability.

The Curtis Contracting Design-Build Team offers the following information in response to your Request for Proposals.

3.2.2 | Point of Contact for the Offeror

Andrew R. Curtis Jr., will serve as the Point of Contact for the Offeror, Curtis Contracting, Inc.

Title: President

Address: 7481 Theron Road, West Point, VA 23181

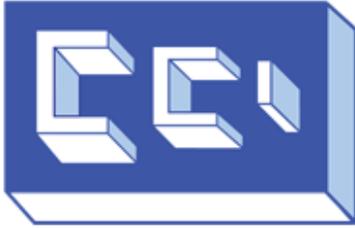
Phone: (804) 843-4633

Fax: (804) 843-2545

E-mail: a.curtis@curtiscontracting.net

3.2.3 | Principal Officer of the Offeror

Andrew R. Curtis will serve as the Principal Officer for the Offeror, Curtis Contracting, Inc.



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Post Office Box 769
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Website: www.curtiscontracting.net

Title: Chairman

Address: 7481 Theron Road, West Point, VA 23181

Phone: (804) 843-4633

Fax: (804) 843-2545

E-mail: m.curtis@curtiscontracting.net

3.2.4 | Offeror Structure

Curtis Contracting, Inc. is the sole proposer/entity with whom VDOT would directly contract for this project. The corporate structure of Curtis Contracting Inc. is as follows:

Mr. Andrew R. Curtis – Chairman and Owner

Mr. Andrew R. Curtis Jr. – President

Mr. Raymond Jarvis – Secretary

Curtis Contracting, Inc. will undertake the financial responsibility for this design-build project. Curtis Contracting, Inc. has no liability limitations.

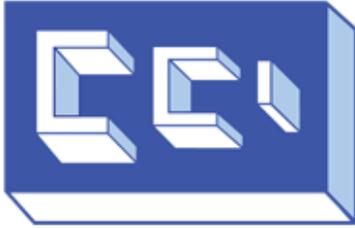
3.2.5 | Full Legal Name for the Lead Contractor / Lead Designer

Lead Contractor: Curtis Contracting, Inc.

Lead Designer: Parsons Brinckerhoff, Inc.

3.2.6 | Affiliated and/or Subsidiary Companies of the Offeror

A listing of affiliated and/or subsidiary companies of the Offeror (Attachment 3.2.6) is included in the Appendix.



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3.2.7 | Certification Regarding Debarment Forms

Certification Regarding Debarment Forms (Primary Covered Transactions and Lower Tier Covered Transactions) are included in the Appendix for the Offeror and any subconsultants included on the organizational chart.

3.2.8 | VDOT Prequalification Information

Curtis Contracting Inc. is prequalified to bid on the project as outlined in VDOT's Rules Governing Prequalification Privileges (prequalification number: C333 / status: active). A copy of the company's VDOT prequalification certificate is included in the Appendix.

3.2.9 | Letter from a Surety or Insurance Company

Curtis Contracting, Inc. is capable of obtaining a performance and payment bond based on the current estimated contract value referenced in the RFP, Section 2.1. These bonds will cover the Project and any warranty periods. The company's A.M. Best Financial Strength Rating is A+ and Financial Size Category is XIV. A letter from Travelers Casualty and Surety Company of America is included in the Appendix.

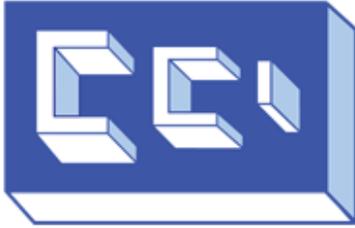
3.2.10 | Licensing Information

Licensing information is provided in the Appendix on Attachment 3.2.10.

3.2.11 | DBE Participation

Curtis Contracting, Inc. is committed to achieving a 20% DBE participation goal for the entire value of the contract.

The signature below affirms that the information supplied in this proposal is true and accurate to the best of our knowledge. VDOT is hereby authorized to confirm all information contained in this proposal. The Curtis Con-



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tracting, Inc. Design-Build Team is enthusiastic about the opportunity to participate in the Design-Build process for this project, and we are confident that our Team will complete this project on time and within your budget. The Team offered by Curtis Contracting, Inc. brings the leadership, skills and shared core values that will help VDOT deliver projects to the citizens of the Commonwealth that set the standards for others to follow.

Sincerely,
CURTIS CONTRACTING, INC.

Andrew R. Curtis Jr.
Executive Vice President



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The CCI/Parsons Brinckerhoff Design-Build Team wants to be your design-builder of choice, and we will commit all necessary personnel to ensure that you feel this way upon completion of project delivery.

Curtis Contracting, Inc. (CCI) has the experience and personnel to effectively manage all of the design-build elements of the Route 3 Widening project. Of key significance and value for the Department is the partnering approach that is experienced on every project constructed by CCI. The CCI/Parsons Brinckerhoff Design-Build Team exemplifies a positive, all inclusive team approach on every single project we undertake. Both companies are founded on the philosophy of partnership with our client, each other, and stakeholders. We are accustomed to an “open book” operating standard that fosters respect, honesty, trust and accountability. We enjoy the work we do, and we take great pride in customer satisfaction.

3.3.1 | Key Personnel

As instructed in the RFP, all Key Personnel Resumes Forms are included in the Appendices, and shall not be counted against the page limit.

[**3.3.1.1 Design-Build Project Manager**] **STEVE ORDUNG** will be responsible for the success of the overall project, right-of-way acquisition, construction, quality management and contract administration for the project. Steve has been a Senior Project Manager for over 15 years and has managed numerous complex transportation projects involving earthwork, structures, concrete and asphalt paving, utilities and storm drainage. Steve maintains a very diverse background of large infrastructure improvement projects including highways, bridges, airports, water/waste water treatment facilities, roads and parks. Clients have included the Virginia Department of Transportation, Maryland State Highway Administration, USACE, Department of the Navy, General Services Administration, York County, City of Hampton, James City County, City of Poquoson, and other private sector clients. Throughout his career, he has excelled at bringing quality transportation projects to completion on time and within budget. His most recent projects include the I-295 / Meadowville Road Interchange Improvements project in Chesterfield County and the Virginia Capital Trail project in Charles City County—both of which he served as the Design-Build Project Manager for a Curtis Contracting/Parsons Brinckerhoff design-build Team.

[**3.3.1.2 Quality Assurance Manager**] **JULIE PERKOSKI, PE** will be independent from and have no involvement in the construction operations for the project. Julie is responsible for the QA inspection and testing of all materials used and work performed on the project to include monitoring of CCI’s QC program. She will ensure that all work and materials, testing, and sampling are performed in con-

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formance with the contract requirements and the “approved for construction” plans and specifications. Julie has over 25 years of construction oversight experience and has provided construction management and design services for numerous roadway, airport, military, governmental, recreational, and residential facilities. She is thoroughly familiar with project controls, including document control and scheduling. Julie understands better than most the critical role of QA in maintaining quality, safety, schedule and budget. Julie has served as the QA Manager (QAM) as part of the Curtis Contracting/Parsons Brinckerhoff design-build Team for the I-295/Meadowville Road Interchange Improvements Project, and she is currently serving as the QA Manager as part of the Curtis Contracting/Parsons Brinckerhoff design-build Team for the Virginia Capital Trail project in Charles City County, VA. **Julie is a registered, licensed Professional Engineer in the Commonwealth of Virginia.**

[**3.3.1.3 Design Manager**] **DEREK PIPER, AICP, PE** has over 27 years of experience with transportation projects with increasing responsibilities including project manager for numerous highway/bridge projects. His technical specialties include roadway and intersection design, utility design, stormwater management plan development, soil erosion and sediment pollution control plan preparation, permitting, environmental documentation, and program/project management. Derek recently served as the Project Manager for the Route 29 Design-Build Solicitation in Charlottesville. Parsons Brinckerhoff provided technical support in developing the design-build Request for Proposals for the Route 29 Bypass, a proposed 6.2-mile, four-lane limited access highway west of Charlottesville. The project features two new interchanges and at least fourteen bridge structures. The team worked with VDOT to develop the RFP Part 2 (Technical Requirements), preparing a traffic study, financial plan, public involvement strategy, and public meeting exhibits. Derek is currently serving as the Deputy Design Manager for the Elizabeth River Tunnels project in Norfolk/Portsmouth, Virginia. In this role, he is responsible for oversight and management of the design for roadway, utilities, and environmental permitting elements of the project, including the approaches to the new tunnel structure and the extension of the MLK Freeway and its connection to I-264. The conclusion of Derek’s involvement in the Elizabeth River Tunnels project meshes perfectly with the Route 3 Widening project. Final design for the roadway elements of the project will be complete in May, 2013, allowing Derek to focus his efforts on delivery of the Route 3 project. **Derek is a registered, licensed Professional Engineer in the Commonwealth of Virginia.**

[**3.3.1.4 Construction Manager**] **BILL RICHARDS, PE** will be on the project site for the duration of the construction operations and will be responsible for managing the construction process, including all construction quality control activities, and to ensure the materials used and work performed meet contract requirements and the “approved for construction” plans and specifications. He will

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also assist with constructability reviews. Bill has over 25 years of experience working on roadway construction projects in Virginia. Bill most recently served as Construction Manager for I-295/Meadowville Road Interchange Improvements project in Chesterfield County and is currently serving as the Construction Manager for the Virginia Capital Trail project in Charles City County—both as part of the Curtis Contracting/Parsons Brinckerhoff design-build Team. **Bill is a registered, licensed Professional Engineer in the Commonwealth of Virginia. In addition, Bill is a Virginia Department of Conservation and Recreation (DCR) Responsible Land Disturber (RLD) and has VDOT Erosion and Sediment Control Contractor Certification (ESCCC).**

[**3.3.1.5 Lead Utility Coordination Manager**] **TIM ANDERSON, PE** specializes in the study, evaluation, design and management of utility improvement projects, including sanitary sewer systems and stormwater systems. For the past two years, Tim has been managing the utility design and coordination effort as part of the Elizabeth River Tunnels project. His past project experience includes utility design and coordination responsibilities as part of several projects for local municipalities and VDOT, as well as the Corps of Engineers. **Tim is a registered, licensed Professional Engineer in the Commonwealth of Virginia.**

[**3.3.1.6 Right-of-Way Manager**] **DAVID SANDS, RW-RAC** has developed a comprehensive knowledge in real estate over the past 16 years in implementing acquisition, relocation assistance, property management, and project management services under the Uniform Relocation Assistance and Real Property Acquisition Policies Act. He is certified in Relocation Assistance (R/W-RAC) by the International ROW Association. He has managed several projects for VDOT, including two on-call contracts requiring property acquisitions throughout Virginia.

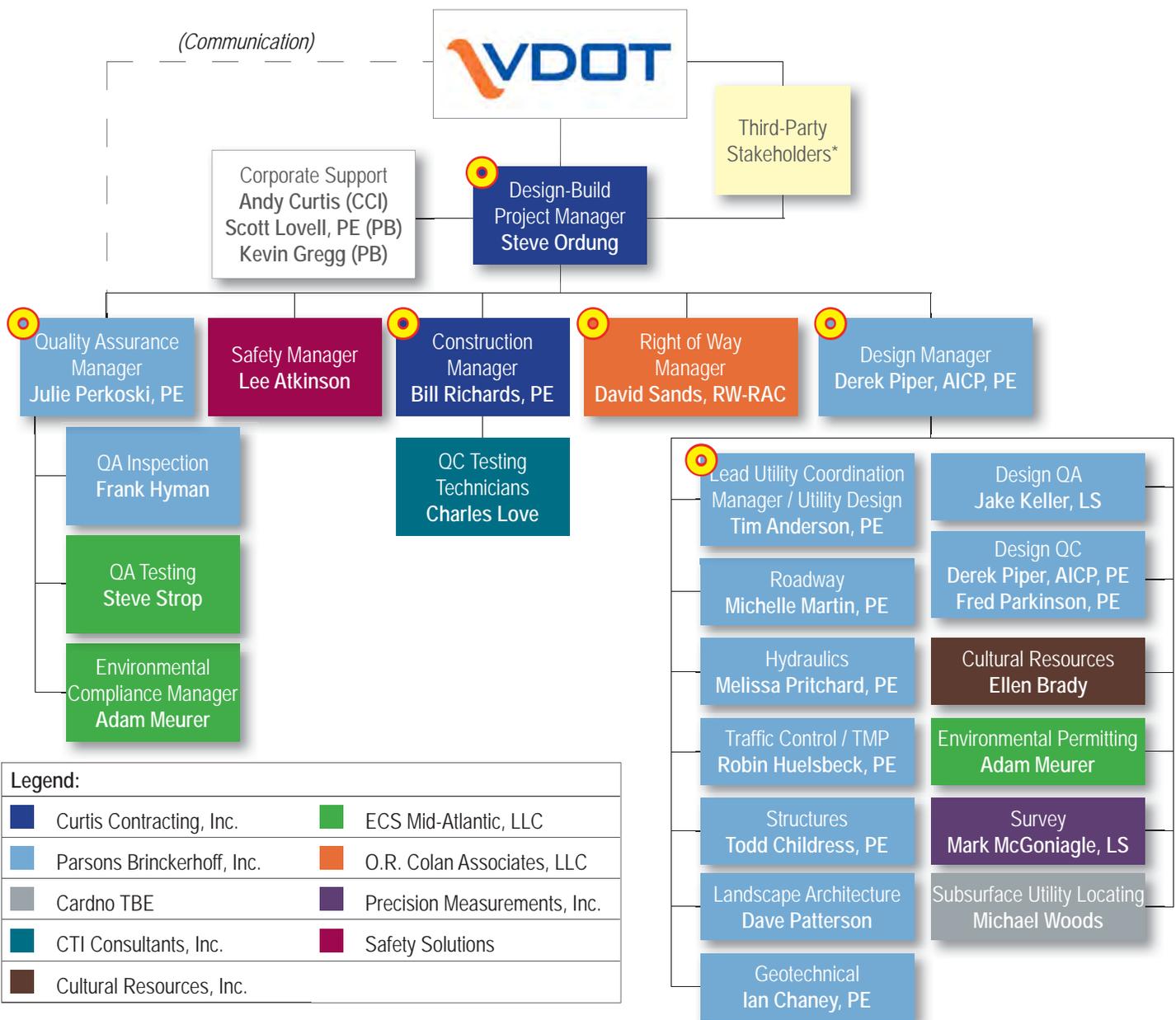
3.3.2 | Organizational Chart

Please refer to the following page for our organization chart which illustrates the Team structure. The organizational chart illustrates the “chain of command” to include all key personnel. Our Team is organized to provide VDOT with a single source responsible for the delivery of a quality project. We have identified the participants who are responsible for major functions to be performed and illustrated their reporting relationships in managing, designing, QA/QC, and constructing the project. We will ensure that the chain of command is followed throughout design, quality assurance, and construction using a partnering style approach, where issues are resolved at the lowest possible level.

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Our organization was specifically designed to provide a clear separation between quality assurance (“QA”) and construction quality control (“QC”). Our QA Manager reports directly to the Design-Build Project Manager and works very closely with the VDOT Project Manager to ensure independent project quality.



Key Personnel

*Third-party stakeholders include: Route 3 Project Task Force; Culpeper County; VDHR; Virginia Outdoor Foundation; Virginia Board of Historic Resources; SHPO; FHWA; DEQ; DCR; USCOE.

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The administration of a project of this magnitude will require the shared synergy that our Team has exhibited on previous successful projects that we have completed, both together and individually. Each participant identified within our organization chart has a specific responsibility and has a clear understanding of the requirements, details, deliverables and the lines of communication to enable them to support the project. All participants understand that VDOT is the project owner and ultimately provides approval of the final design packages prior to construction. VDOT's designated Design Project Manager and Construction Manager will have an open invitation to participate in all project meetings, including: project "kick off"; initial design workshops; weekly design/permitting reviews; and weekly and monthly progress meetings held at the onsite project offices. Third-party stakeholder representatives will also be invited to attend each meeting so that they are continually kept aware of the status of project progress or any items of concern. FHWA will also receive design packages for review, comment and approval in parallel with copies issued to VDOT. The Design-Build Project Manager will be the central point of contact for the Design-Builder. For efficiency, the Design-Build Project Manager will authorize direct communications between the Design Manager and VDOT's Design Project Manager for issues relative to design and permitting; however, the Design-Build Project Manager will retain ultimate responsibility for the Design-Builder and will be involved in any discussions or communication that would include matters of contract compliance.

As an added benefit of our Team, we provide and maintain a shared use website that contains links to the various project documents to include copies of permits, design submittals, project meeting minutes, QA and QC test reports, EEO documentation, project schedules, etc.

During the design and permitting phases, we will involve third-party stakeholders as necessary to review and approve our plan or deliverables. Third-party stakeholders would include the Army Corps of Engineers, DEQ, DCR, utility owners and any others that will require input or approval of permitting, final design and/or the construction approach.

Within our organization, the branches of design and construction are joined by the Design-Build Project Manager relative to the chain of command; however, we encourage all participants from the Team to communicate their ideas and input in each meeting in order that we provide the maximum contribution of experience and talent from all Team members. For example, during the review of the geotechnical report, we will hold a specific meeting with all Team members to discuss the benefits of utilizing existing soils for the roadway fills if they require manipulation or lime stabilization vs. export of the surplus unsuitable material and their replacement with suitable borrow or embankment fill. In this case, it is beneficial for the Design-Build Construction Manager to provide input on the schedule and constructability issues involved; the QA Manager to provide input on the resourcing of inspection necessary to support the volumes of materials placed and testing of existing materials; the QC personnel to evaluate the resourcing for inspection and testing; the safety manager to consider the number of additional vehicles entering and exiting the work zone; the environmental compliance manager to review the impacts of excavation disturbance and erosion controls measures, etc. Outside of collaborative efforts described in this ex-

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ample, all disciplines within the design work will report to the Design Manager and that all construction personnel, to include the superintendents, traffic control supervisor, project engineers and field engineers, will report to the Construction Manager.

Quality Assurance will surround the entire project from the very beginning to the final document accounting. The QA Manager will be responsible for Construction QA. The QA Manager will report to the Design-Build Project Manager and also provide assurance to VDOT relative to the project compliance. For example, the QA Manager will ensure that all project documentation, delivery tickets, test reports, non-compliance resolution etc. are in place prior to offering her approval of the periodic pay estimates. The QA Manager will be responsible for the development of the QA Plan for the project and its implementation. The QA Manager will inform both VDOT and the Design-Build Project Manager of any deficiencies in the design or construction process that are being neglected by the Design and Construction Team members.

Quality Control will be independent of the Quality Assurance described above. The Design-Build Project Manager shall retain ultimate responsibility for the Quality Control and will establish the Quality Control Plan for the project specific needs and to insure compliance with the VDOT standards for Design-Build Quality Control and Inspection. Coordination of the QC Program support personnel for inspection, testing and documentation will be delegated to the Construction Manager and Design Manager for each member's scope of work.

3.4 EXPERIENCE OF THE OFFEROR'S TEAM

As instructed in the RFP, all Work History Forms are included in the Appendices, and shall not be counted against the page limit.

3.5 PROJECT RISK

In reviewing the scope of this project, our Team has identified three critical risks which must be adequately mitigated in order to successfully deliver this project. Each risk is described below along with suggested strategies for mitigation.

[Risk #1] **Archaeology/Cultural Resources**

Impact Potential | Cultural resources investigations for the Route 3 widening project were conducted in the early 2000s. These investigations identified a number of architectural and archaeological resources, including the Brooks Run and Brandy Station Battlefield sites which were subject to archaeological data recovery in 2001 and

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The Virginia Capital Trail extends through a corridor that is surrounded with cultural sensitive areas. The Team worked with the Tyler Family to minimize impacts to the historic tree canopy that is iconic to the plantation.

2002. Although these preliminary investigations have already taken place and a Finding of No Significant Impact (FONSI) reached; the project corridor has a high probability for significant cultural and resource site. Should the project be delayed due to an archaeological find there would be significant impact to the project schedule and budget.

Most likely the project corridor, along Route 3 east of Culpeper and west of the Orange County line, may be viewed as a high probability area for the identification of significant cultural, and in particular, archaeological resources. The area is known for significant activity during the Civil War, and the deposits identified at the Brook Run site suggest the potential for sites dating as early as the Clovis period in this vicinity. The current path of Route 3 crosses the Brandy Station Battlefield and passes through Stevensburg as well as a portion of the National Register of Historic Places (NRHP) listed resource, La Grange, which dates to the second half of the 18th century.

Mitigation Strategy | Environmental planning professionals will be engaged as a team member from the project kickoff through design and construction. The first task will be to evaluate existing documentation and identify areas of potential risk. The team will work with Virginia Civil War Trails (VCWT) and NRHP to identify potential locations of archaeological sites such as rifle pits, existing road trace, and winter quarters. Following the investigation, a mitigation plan will be developed to include design considerations to reduce the likelihood an archaeological find.

Mitigation measures would include: avoiding cut conditions; making minor adjustments to road and utility alignments in high risk areas; and studying areas with significant cuts (i.e. stormwater basins and utility corridors) to mitigate the risk of a potential impact.

Another mitigation strategy is for the team to conduct an environmental compliance review prior to a plan submittal to VDOT. This review will be conducted by the environmental planning team to confirm the project is meeting permit requirements and that mitigation strategies have been adequately incorporated.

VDOT or Other Agency Efforts in Mitigation | The goal of the mitigation strategy is to minimize efforts required by agencies during design and construction. Should unforeseen conditions necessitate additional cultural resource investigations a review of the findings report by VDOT is needed prior to a submission to DCR.

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[Risk #2] Schedule

Impact Potential | There are significant high risk utilities within the construction limits of the Route 3 widening project that have the potential to be affected during the construction. These facilities include a Williams Gas Transmission Line, Dominion Power transmission line, and fiber optic telecommunications lines. These utilities are vital to support residents and businesses along the corridors and need to be protected to maintain service during construction. Relocating major utilities and acquiring the associated right-of-way are interconnected schedule risks that rely on third party cooperation. Timely relocation of these facilities, if necessary, will be on the critical path to commence construction activities and both a “schedule risk” and “cost risk” on a project of this magnitude.

Of particular concern are the utility relocations performed by private utility providers wherein, the Design-Builder does not control the schedule of the providers’ resources. Private utility providers often have regional representatives that can be subject to reassignment in the event of emergency. Utility relocation design needs to be finalized to determine the required easements for the right-of-way plans and negotiations. Acquiring right-of-way and easements from individual landowners requires the land owners consent or a longer process of condemnation. If the adjacent property owners are not cooperative, the acquisition process will quickly affect the critical path of the project schedule.



Early identification of utility conflicts on the Virginia Capital Trail allowed the Team to modify the design to minimize impacts to the extent possible.

Mitigation Strategy | We have found that early identification of utility conflicts or the potential thereof, is the best first step in mitigating the impact potential to the utility. During the initial design phase for this project, we will provide utility coordination services to identify all impacts or potential impacts in order to begin the mitigation process. We will employ the services of the same S.U.E. consultant that has identified the utilities on the current plans to re-confirm possible conflicts. Once identified, we will evaluate the flexibility within the design to allow for the utility to remain undisturbed. If conflicts cannot be avoided by design, then we will work diligently to minimize these relocations through a combination of design and/or protection improvements for the utilities to remain in place. The utility provider will be integral in the discussions concerning the most suitable method to address the utility relocation. Where disruption of service is necessary (i.e. waterline tie in, traffic signal power), we will coordinate with all affected parties to insure that alternate means (i.e. loop feed source, temporary power feeds) are established for uninterrupted service.

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VDOT or Other Agency Efforts in Mitigation | There will not be any additional demands on VDOT resources for the utility mitigation efforts. VDOT's Construction Manager will be briefed on the utility issues and assist in communicating necessary disruption or outages via VDOT public relations office. Other agency efforts will include the private utility providers and representatives to support relocations, removals or improvements necessary to maintain the project schedule.

[Risk #3] Traffic Management Plan / Maintenance of Traffic

Impact Potential | The primary need for this Project is safety improvements along the existing two-lane segment as defined in the Safety Assessment Report. Sixty-nine accidents with nine fatalities have been reported between 2006 and 2010 in this corridor. The injury and fatality rate for these crashes are significantly higher than the statewide average. Although short term measures have been implemented in the corridor; it is critical that the Traffic Management Plan and Maintenance of Traffic Plan be developed to provide construction sequencing and necessary traffic control measures that do not reduce the level of safety or cause an increased exposure as a result of the roadway widening project.

Safety is the number one priority for any project, especially for a construction zone in an area that has a historically high accident rate. This construction zone has to balance providing a safe travel way for vehicles with an adequate construction zone to execute quality.

An unsafe work environment has the potential to be damaging and bring significant financial risk to the project. Elements of this project that bring a higher level of risk to a safe work zone are:

- Speed
- Construction traffic entering and exiting the work area
- Constraints that come with roadway widening over existing streams with large drainage systems
- Managing access to and from adjacent properties, during construction

Mitigation Strategy | The nature of this project will require a significant amount of the work to be performed immediately adjacent to existing Route 3 traffic, which has the potential to distract drivers traveling the corridor. The first challenge is managing driver expectations when traveling through the work zone by providing advanced warning systems that alert drivers to a change in roadway conditions. Excessive speed has been a factor in many of the accidents in this area, so it may be prudent to consider speed limit reductions for the construction work zone. It is important to provide continual coordination with local business such as McClain and Company, the Magnolia Equestrian Center, as well as the Blue Ridge Growers; to keep them informed of construction activities

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and maintain adequate access to business in the corridor. Keeping local business informed will help keep regular users of the corridor apprised of construction activities and provide for a safer work zone.

Roadway construction will increase truck traffic as well as add conflict points where construction traffic accesses the mainline. Conflict between drivers and construction traffic can be minimized by utilizing construction haul roads and minimizing construction access points. Over height vehicle detection can be used to trigger a flashing indicator to warn drivers that a truck is entering the roadway.

When widening over an existing culvert crossing there are physical and environmental constraints that will reduce the width of the travel way and construction zone. It is a challenge to safely manage traffic and provide an adequate construction zone for the heavy construction equipment needed to set large drainage structures. Our strategy to mitigate this risk is to utilize the existing drainage system to avoid completely replacing culverts under traffic, or if the existing system is unsuitable for reuse, utilize lane closures and night operations to replace the culvert. Also, other means of construction may be investigated to avoid open-cutting the road.



This mitigation strategy was used by Parsons Brinckerhoff in their MOT design for the Princess Anne Road widening project in Virginia Beach.

Our Traffic Management Plan will be at the forefront in mitigating safety risk and constructability issues. It will be used as a tool to help stage construction and will be thoroughly integrated with the final design. During the initial design, the Design-Build Team will evaluate each phase of construction to determine feasible construction sequencing. Traffic analysis will be used to define the allowable impacts to the traveling public; (i.e. speed reduction and lane reductions). Further, the plan will consider the proposed roadway profiles as they compare to existing conditions and minimize grade differentials that will help reduce the impact to traffic during construction. The Design-Build team will work collaboratively to develop a Traffic Management Plan based on how we plan to build the Project.

VDOT or Other Agency Efforts in Mitigation | There will be no additional demands on VDOT's resources for the traffic management mitigation efforts.





ATTACHMENT 3.1.2

Project: 0003-023-107, P101, R201, C501

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	5
Offeror's point of contact information	NA	Section 3.2.2	yes	2
Principal officer information	NA	Section 3.2.3	yes	2
Offeror's Corporate Structure	NA	Section 3.2.4	yes	3
Identity of Lead Contractor and Lead Designer	NA	Section 3.2.5	yes	3
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: 0003-023-107, P101, R201, C501

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	4
Offeror's Team Structure				
Identity of and qualifications of Key Personnel	NA	Section 3.3.1	yes	6
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
Key Personnel Resume – Lead Utility Coordination Manager	Attachment 3.3.1	Section 3.3.1.5	no	Appendix
Key Personnel Resume – Right of Way Manager	Attachment 3.3.1	Section 3.3.1.6	no	Appendix
Organizational chart	NA	Section 3.3.2	yes	9
Organizational chart narrative	NA	Section 3.3.2	yes	10

ATTACHMENT 3.1.2

Project: 0003-023-107, P101, R201, C501

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	11



ATTACHMENT 2.10

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

RFQ NO. C00014657DB56
PROJECT NO.: 0003-023-107, P101, R201, C501

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 12/04/2012
(Date)
- 2. Cover letter of RFQ Addendum No. 1 01/11/2013
(Date)
- 3. Cover letter of _____
(Date)

SIGNATURE

DATE



ATTACHMENT 3.2.6

State Project No. 0003-023-107, P101, R201, C501

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
Affiliate (CCI)	The Curtis Group, Inc.	P.O. Box 769, West Point, VA 23181
Affiliate (PB)	Parsons Brinckerhoff-FG, Inc.	506 Carnegie Center Boulevard, 2nd Floor Princeton, NY 08540
Affiliate (PB)	Parsons Brinckerhoff Constructors, Inc.	One Penn Plaza New York, NY 10119
Affiliate (PB)	Parsons Brinckerhoff Services, Inc.	One Penn Plaza New York, NY 10119
Affiliate (PB)	Parsons Brinckerhoff Advisory Services, Inc.	One Penn Plaza New York, NY 10119
Affiliate (PB)	Parsons Brinckerhoff Group Administration, Inc.	One Penn Plaza New York, NY 10119
Affiliate (PB)	Parsons Brinckerhoff Infrastructure Development Company, Inc.	One Penn Plaza New York, NY 10119
Affiliate (PB)	ALLTECH, Inc.	One Penn Plaza New York, NY 10119
Affiliate (PB)	Parsons Brinckerhoff Energy Storage Services, Inc.	16285 Park Ten Place, Suite 400 Houston, TX 77084
Affiliate (PB)	Parsons Brinckerhoff International, Inc.	One Penn Plaza New York, NY 10119
Affiliate (PB)	Parsons Brinckerhoff Facilities, Inc.	One Penn Plaza New York, NY 10119
Affiliate (PB)	Parsons Brinckerhoff Power, Inc.	One Penn Plaza New York, NY 10119

ATTACHMENT 3.2.6

State Project No. 0003-023-107, P101, R201, C501

Affiliated and Subsidiary Companies of the Offeror

Subsidiary (PB)	Parsons Brinckerhoff Michigan, Inc.	500 Griswold Street Detroit, MI 48226
Subsidiary (PB)	Parsons Brinckerhoff Ohio, Inc.	6235 Enterprise Court Dublin, OH 43016
Subsidiary (PB)	Parsons Brinckerhoff Transit & Rail Systems, Inc.	Two Gateway Plaza Newark, NJ 07102
Subsidiary (PB)	Parsons Brinckerhoff Booker Associates, Inc.	One Penn Plaza New York, NY 10119
Subsidiary (PB)	Parsons Brinckerhoff Architecture, Inc.	One Penn Plaza New York, NY 10119
Subsidiary (PB)	Associated Engineers, Inc.	3311 E. Shelby Street Ontario, CA 91764
Subsidiary (PB)	Parsons Brinckerhoff Halsall, Inc.	One Penn Plaza New York, NY 10119
Subsidiary (PB)	Keystone Environmental Planning, Inc.	One Penn Plaza New York, NY 10119
Subsidiary (PB)	Parsons Brinckerhoff Panama, S.A.	One Penn Plaza New York, NY 10119
Subsidiary (PB)	Avid Engineering, Inc.	One Penn Plaza New York, NY 10119



ATTACHMENT NO. 3.2.7(a)

**CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS**

Project No.: 0003-023-107, P101, R201, C501

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 _____
Date 12/20/12
Title VICE PRESIDENT

Cuehs Contracting Inc
Name of Firm _____

ATTACHMENT NO. 3.2.7(a)

**CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS**

Project No.: 0003-023-107, P101, R201, C501

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.

 , Lloyd Graham 12/20/2012 Senior Vice President
Signature Date Title
Parsons Brinckerhoff, Inc.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0003-023-107, P101, R201, C501

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.

Robert L. Chyn 1-21-13 SR. Vice President
Signature Date Title

CARDNO TBE
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0003-023-107, P101, R201, C501

- 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.

Calvin F. Lee 01/04/2013 CONTRACTS MANAGER
Signature Date Title

CTI CONSULTANTS, INC.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0003-023-107, P101, R201, C501

- 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.

<u>Edmund Bondy</u>	<u>1/7/2013</u>	<u>President</u>
Signature	Date	Title
<u>Cultural Resources, Inc.</u>		
Name of Firm		

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0003-023-107, P101, R201, C501

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.

	01/04/2013	Vice President
Signature	Date	Title
ECS Mid-Atlantic, LLC		
Name of Firm		

ATTACHMENT NO. 3.2.7(b)

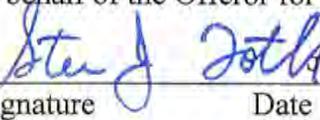
**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0003-023-107, P101, R201, C501

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.

	January 10, 2013	Chief Operating Officer
Signature	Date	Title

O. R. Colan Associates of Florida, LLC

Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0003-023-107, P101, R201, C501

- 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.

<u><i>Glenn Seiberg</i></u>	<u>1/7/2013</u>	<u>President</u>
Signature	Date	Title

Precision Measurements, Inc.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 0003-023-107, P101, R201, C501

- 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.

J. P. Atkinson 1/4/13 PRESIDENT
Signature Date Title

SAFETY SOLUTIONS, INC
Name of Firm





COMMONWEALTH OF VIRGINIA



CERTIFICATE OF QUALIFICATION

CURTIS CONTRACTING, INC.

Vendor Number: **C333**

In accordance with the Regulations of the Virginia Department of Transportation, you are hereby notified that the following Rating and Classifications have been assigned to you by the Commissioner:

PREQUALIFIED

Work Classes: GRADING; MAJOR STRUCTURES; MINOR STRUCTURES; TEMPORARY TRAFFIC MANAGEMENT

Issue Date: 03/31/2012

This Rating and Classification will Expire: 03/31/2013

Suzanne FR Lucas Prequalification Officer

Don E. Silles, State Contract Officer





Cynthia D. O'Bryan
Travelers Bond & Financial
Products
300 Arboretum Place, #390
Richmond, VA 23236
Phone: (804) 330-6874
Fax: (804) 330-6880
E-mail: COBRYAN@Travelers.com

January 24, 2013

Virginia Department of Transportation

RE: Curtis Contracting, Inc.
Route 3 Widening, From: 4.1 Miles East Rte. 29,
To: 4.0 Miles West Of Culpeper/Orange County Line, Culpeper County, Virginia
State Project No.: 0003-023-107, P101, R201, C501
Federal Project No.: STP-023-7(024)
Contract ID Number: C00014657DB56 (Approx. Contract Value: \$39,000,000)

To Whom It May Concern:

Travelers Casualty and Surety Company of America has the privilege of providing surety bonds for Curtis Contracting, Inc. Our A.M. Best Financial Strength Rating is A+ and Financial Size Category is XIV.

Curtis Contracting, Inc. is capable of obtaining a 100% Performance Bond and 100% Labor and Materials Payment Bond in the amount of the anticipated cost of construction as referred to in Section 2.1 of the VDOT RFQ and said bonds will cover the Project and any warranty periods on behalf of the Contractor, in the event that such firm be the successful bidder and enter into a contract for this project.

If you have any questions or need further information concerning this contractor, please contact me.

Sincerely,

Cynthia D. O'Bryan



ATTACHMENT 3.2.10

State Project No. 0003-023-107, P101, R201, C501

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
Curtis Contracting, Inc.	02733335	Corporation	Active	PO Box 769 West Point, VA 23181	Class A Contractor	2701031525	3-31-2014
Parsons Brinckerhoff, Inc.	F0501603	Foreign Corporation	Active	6161 Kempsville Circle, Suite 110 Norfolk, VA 23502	Business Entity Branch Office ENG, ARC	0411000137	2-28-2014
TBE Group, Inc. d/b/a Cardno TBE	F1301474	Foreign Corporation	Active	1100 Athens Avenue, Suite A Richmond, VA 23227	Business Entity ENG, LS	0407003885	12-31-2013
CTI Consultants, Inc.	0252760-4	Corporation	Active	2120 Berkmar Drive Unit D Charlottesville, VA 22901	Business Entity Branch Office ENG	0411000466	2-28-2014
Cultural Resources, Inc.	04469706	Corporation	Active	N/A	N/A	N/A	N/A
ECS Mid-Atlantic, LLC	S1208216	Limited Liability Corporation	Active	915 Maple Grove Drive, Suite 206 Fredericksburg, VA 22407	Business Entity Branch Office ENG	0411000383	2-28-2014
ORC of Florida, LLC	T0309270	Foreign LLC	Active	11111 Carmel Commons Boulevard, Suite 410 Charlotte, NC 28226	Real Estate Appraisal Board	4008001545	07-31-2013

ATTACHMENT 3.2.10

State Project No. 0003-023-107, P101, R201, C501

SCC and DPOR Information

Precision Measurements, Inc.	0450436-1	Corporation	Active	4215 Lafayette Center Drive, Suite 2A Chantilly, VA 20151	Business Entity Branch Office LS	0411000562	2-28-2014
Safety Solutions, Inc.	04464855	Corporation	Active	N/A	N/A	N/A	N/A

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	Norfolk, VA	6161 Kempsville Circle, Suite 110 Norfolk, VA 23502	Professional Engineer	0402026174	6-30-2013
Parsons Brinckerhoff, Inc.	Derek Piper	Norfolk, VA	6161 Kempsville Circle, Suite 110 Norfolk, VA 23502	Professional Engineer	0402046886	12-31-2013
Curtis Contracting, Inc.	Bill Richards	West Point, VA	PO Box 769 West Point, VA 23181	Professional Engineer	0402027950	1-31-2014
Parsons Brinckerhoff, Inc.	Tim Anderson	Norfolk, VA	6161 Kempsville Circle, Suite 110 Norfolk, VA 23502	Professional Engineer	0402040134	6-30-2013





Commonwealth of Virginia State Corporation Commission



Virginia.gov

SCC Clerk's Information System

CISM0180

CORPORATE DATA INQUIRY

08/05/10

12:21:57

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[Signoff](#)

CORP ID: 0273333 - 5 STATUS: 00 ACTIVE STATUS DATE: 07/12/85

CORP NAME: CURTIS CONTRACTING, INC.

DATE OF CERTIFICATE: 07/15/1985 PERIOD OF DURATION: INDUSTRY CODE: 00

STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK

MERGER IND: CONVERSION/DOMESTICATION IND:

GOOD STANDING IND: Y MONITOR INDICATOR:

CHARTER FEE: MON NO: MON STATUS: MONITOR DTE:

R/A NAME: JOSEPH H KASIMER

KASIMER & ANNINO PC

STREET: 7653 LEESBURG PIKE AR RTN MAIL:

CITY: FALLS CHURCH STATE : VA ZIP: 22043

R/A STATUS: 4 ATTORNEY EFF. DATE: 10/12/07 LOC : 129

ACCEPTED AR#: 210 20 5765 DATE: 06/04/10 FAIRFAX COUNTY

CURRENT AR#: 210 20 5765 DATE: 06/04/10 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
10	100.00					1,000

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You may also use function keys as labeled. Function key usage
varies depending on the Application Screen.
Please refer to [Function Key Documentation](#) for details.

(Screen Id:/Corp_Data_Inquiry)



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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

Users are encouraged to create an SCC eFile account to:

- Conveniently monitor business entities through the use of a "Favorites" list
- Perform easy step-by-step online transactions for certain types of filings, such as registered agent changes
- Quickly access online filing history

To view our Privacy Policy, click [here](#)

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Screen ID: e1000

Need additional information? Contact scinfo@scv.virginia.gov Website questions? Contact: webmaster@scv.virginia.gov

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Commonwealth of Virginia
State Corporation Commission

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 Clerk's
 Information
 System**

CISM0180 CORPORATE DATA INQUIRY 01/24/13 09:01:52

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CORP ID: F130147 - 4 STATUS: 00 ACTIVE STATUS DATE: 08/06/12

[Print](#)

CORP NAME: TBE GROUP, INC.

[Signoff](#)

DATE OF CERTIFICATE: 07/14/1997 PERIOD OF DURATION: INDUSTRY CODE: 00
 STATE OF INCORPORATION: FL FLORIDA STOCK INDICATOR: S STOCK
 MERGER IND: CONVERSION/DOMESTICATION IND:
 GOOD STANDING IND: Y MONITOR INDICATOR:
 CHARTER FEE: 50.00 MON NO: MON STATUS: MONITOR DTE:
 R/A NAME: NATIONAL CORPORATE RESEARCH LTD



STREET: 250 BROWNS HILL COURT AR RTN MAIL:

CITY: MIDLOTHIAN STATE : VA ZIP: 23114
 R/A STATUS: 5 B.E. AUTH IN VI EFF. DATE: 11/10/09 LOC : 120
 ACCEPTED AR#: 212 52 9893 DATE: 08/06/12 CHESTERFIELD CO
 CURRENT AR#: 212 52 9893 DATE: 08/06/12 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
12	130.00	13.00				7,500

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 Click on menu items or buttons to select and perform functions. You may also use
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 Screen.
 Please refer to [Function Key Documentation](#) for details.
 (Screen Id:/Corp_Data_Inquiry)



Commonwealth of Virginia
State Corporation Commission

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 System**

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CORP ID: 0252760 - 4 STATUS: 00 ACTIVE STATUS DATE: 05/17/11

[Print](#)

CORP NAME: C.T.I Consultants, Inc.

[Signoff](#)

DATE OF CERTIFICATE: 02/27/1984 PERIOD OF DURATION: INDUSTRY CODE: 00
 STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK
 MERGER IND: S SURVIVOR CONVERSION/DOMESTICATION IND:
 GOOD STANDING IND: Y MONITOR INDICATOR:
 CHARTER FEE: 200.00 MON NO: MON STATUS: MONITOR DTE:
 R/A NAME: ANDREW W WHITE



STREET: LECLAIRRYAN A PROFESSIONAL CORPORATION AR RTN MAIL:
 951 E BYRD ST 8TH FL
 CITY: RICHMOND STATE : VA ZIP: 23219
 R/A STATUS: 4 ATTORNEY EFF. DATE: 01/18/11 LOC : 216
 ACCEPTED AR#: 212 50 4912 DATE: 02/08/12 RICHMOND CITY
 CURRENT AR#: 212 50 4912 DATE: 02/08/12 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
13	670.00				670.00	100,000

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 Click on menu items or buttons to select and perform functions. You may also use
 function keys as labeled. Function key usage varies depending on the Application
 Screen.
 Please refer to [Function Key Documentation](#) for details.
 (Screen Id:/Corp_Data_Inquiry)

Please note: The SCC website will be unavailable Thursday, December 13, from 6 p.m. until 10 p.m. for system maintenance. We apologize for the inconvenience and appreciate your patience.

NOTICE regarding YEAR-END FILINGS IN THE CLERK'S OFFICE: SCC offices will be closed on Dec. 24, 25, 26 & 31, 2012, as well as Jan. 1, 2013. To ensure the timely filing of a business entity document, review the Notice regarding Year-End Document Submissions, which can be found in the Bulletin Archive in the right-hand navigation pane at scc.virginia.gov/clk

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12/10/12

CISM0180

CORPORATE DATA INQUIRY

11:06:25

CORP ID: 0446970 - 6 STATUS: 00 ACTIVE STATUS DATE: 05/16/95
 CORP NAME: CULTURAL RESOURCES, INC.

DATE OF CERTIFICATE: 05/16/1995 PERIOD OF DURATION: INDUSTRY CODE: 00
 STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK
 MERGER IND: CONVERSION/DOMESTICATION IND:
 GOOD STANDING IND: Y MONITOR INDICATOR:
 CHARTER FEE: 50.00 MON NO: MON STATUS: MONITOR DTE:
 R/A NAME: GREGORY R. DAVIS

STREET: 4801 COURTHOUSE STREET, SUITE 300 AR RTN MAIL:

CITY: WILLIAMSBURG STATE : VA ZIP: 23188
 R/A STATUS: 4 ATTORNEY EFF. DATE: 02/25/04 LOC : 316
 ACCEPTED AR#: 212 53 6321 DATE: 09/21/12 WILLIAMSBURG CI
 CURRENT AR#: 212 53 6321 DATE: 09/21/12 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
12	100.00					2,500

(Screen Id:/Corp_Data_Inquiry)



Virginia.gov



Commonwealth of Virginia State Corporation Commission

12/27/11

LLCM3220

LLC DATA INQUIRY

15:38:49

LLC ID: S120821 - 6 STATUS: 00 ACTIVE STATUS DATE: 04/16/04

LLC NAME: ECS - Mid-Atlantic, LLC

DATE OF FILING: 04/16/2004 PERIOD OF DURATION: INDUSTRY CODE: 00

STATE OF FILING: VA VIRGINIA MERGER INDICATOR:

CONVERSION/DOMESTICATION INDICATOR:

P R I N C I P A L O F F I C E A D D R E S S

STREET: 14026 THUNDERBOLT PL STE 100

CITY: CHANTILLY STATE: VA ZIP: 20151-0000

R E G I S T E R E D A G E N T I N F O R M A T I O N

R/A NAME: JAMES A ECKERT

STREET: 14026 THUNDERBOLT PL STE 100

RTN MAIL:

CITY: CHANTILLY STATE: VA ZIP: 20151-0000

R/A STATUS: 2 O/D OF CORP M/M EFF DATE: 04/16/04 LOC: 129 FAIRFAX COUNTY

YEAR FEES PENALTY INTEREST BALANCE

11

(Screen Id:LLC_Data_Inquiry)



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LLCM3220 LLC DATA INQUIRY 01/11/13
15:46:14
LLC ID: T030927 - 0 STATUS: 00 ACTIVE STATUS DATE: 06/02/06

LLC NAME: Colan Associates of Florida, LLC, O.R.

DATE OF FILING: 06/02/2006 PERIOD OF DURATION: 99/99/9999 INDUSTRY CODE: 00

STATE OF FILING: FL FLORIDA MERGER INDICATOR:

CONVERSION/DOMESTICATION INDICATOR:

P R I N C I P A L O F F I C E A D D R E S S

STREET: 439 NE 7TH AVE

CITY: FT LAUDERDALE STATE: FL ZIP: 33301-0000

R E G I S T E R E D A G E N T I N F O R M A T I O N

R/A NAME: NATIONAL REGISTERED AGENTS INC

STREET: 4701 COX ROAD

SUITE 301

RTN MAIL:

CITY: GLEN ALLEN STATE: VA ZIP: 23060-6802

R/A STATUS: 5 ENTITY AUTHORIZ EFF DATE: 03/30/12 LOC: 143 HENRICO COUNTY

YEAR FEES PENALTY INTEREST BALANCE

12 50.00



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CISM0180 CORPORATE DATA INQUIRY 01/07/13 16:08:31

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CORP ID: 0450436 - 1 STATUS: 00 ACTIVE STATUS DATE: 07/24/95

[Print](#)

CORP NAME: PRECISION MEASUREMENTS, INC.

[Signoff](#)

DATE OF CERTIFICATE: 07/24/1995 PERIOD OF DURATION: INDUSTRY CODE: 00
 STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK
 MERGER IND: CONVERSION/DOMESTICATION IND:
 GOOD STANDING IND: Y MONITOR INDICATOR:
 CHARTER FEE: 50.00 MON NO: MON STATUS: MONITOR DTE:
 R/A NAME: DOUGLAS W DAVIS



STREET: WYNNGATE BUSINESS PARK AR RTN MAIL:
 516 BAYLOR CT
 CITY: CHESAPEAKE STATE : VA ZIP: 23320
 R/A STATUS: 4 ATTORNEY EFF. DATE: 06/04/02 LOC : 236
 ACCEPTED AR#: 212 09 7909 DATE: 05/30/12 CHESAPEAKE CITY
 CURRENT AR#: 212 09 7909 DATE: 05/30/12 STATUS: A ASSESSMENT INDICATOR: 0
 YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES
 12 100.00 5,000

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Commonwealth of Virginia
State Corporation Commission

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CISM0180

CORPORATE DATA INQUIRY

11/09/12

16:43:02

CORP ID: 0446485 - 5 STATUS: 00 ACTIVE STATUS DATE: 06/17/10
 CORP NAME: SAFETY SOLUTIONS, INC.

DATE OF CERTIFICATE: 05/04/1995 PERIOD OF DURATION: INDUSTRY CODE: 00
 STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK
 MERGER IND: CONVERSION/DOMESTICATION IND:
 GOOD STANDING IND: Y MONITOR INDICATOR:
 CHARTER FEE: 50.00 MON NO: MON STATUS: MONITOR DTE:
 R/A NAME: PATRICK C. DEVINE, JR.

STREET: 1700 Dominion Tower AR RTN MAIL:
 999 Waterside Drive

CITY: Norfolk STATE : VA ZIP: 23510

R/A STATUS: 4 ATTORNEY EFF. DATE: 05/04/95 LOC : 212

ACCEPTED AR#: 212 07 1663 DATE: 04/04/12 NORFOLK CITY

CURRENT AR#: 212 07 1663 DATE: 04/04/12 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
12	100.00					5,000

(Screen Id:/Corp_Data_Inquiry)

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
03-31-2014

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

NUMBER
2701031525

BOARD FOR CONTRACTORS
CLASS A CONTRACTOR
CLASSIFICATIONS ASB BLD H/H LSC

CURTIS CONTRACTING INC
PO BOX 769
WEST POINT, VA 23181



Gordon N. Dixon
Gordon N. Dixon, Director

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CURTIS CONTRACTING INC
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EXPIRES ON
02-28-2014

9960 Mayland Dr., Suite 400, Richmond, VA 23233
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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
6161 KEMPSVILLE CIRCLE
SUITE 110
NORFOLK, VA 23502



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PARSONS BRINCKERHOFF INC
6161 KEMPSVILLE CIRCLE
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NORFOLK, VA 23502



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

NUMBER
0407003885

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

PROFESSIONS: ENG, LS

TBE GROUP, INC
CARDNO TBE
1100 ATHENS AVE
SUITE A
RICHMOND, VA 23227



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Gordon N. Dixon, Director

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BOARD FOR APELSCIDLA
BUSINESS ENTITY REGISTRATION
NUMBER: 0407003885 EXPIRES: 12-31-2013
PROFESSIONS: ENG, LS
TBE GROUP, INC CARDNO TBE
1100 ATHENS AVE
SUITE A
RICHMOND, VA 23227



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Telephone: (804) 367-8500

NUMBER
0411000466

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

PROFESSIONS: ENG

C T I CONSULTANTS INC
2120 BERKMAR DRIVE
UNIT D
CHARLOTTESVILLE, VA 22901



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Gordon N. Dixon, Director

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COMMONWEALTH OF VIRGINIA

BOARD FOR AP/ELSC/DLA
BUSINESS ENTITY BRANCH OFFICE REGISTRATION
NUMBER: 0411000466 EXPIRES: 02-28-2014
PROFESSIONS: ENG
C T I CONSULTANTS INC
2120 BERKMAR DRIVE
UNIT D
CHARLOTTESVILLE, VA 22901



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

**NUMBER
0411000383**

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

PROFESSIONS: ENG

**ECS-MID-ATLANTIC LLC
915 MAPLE GROVE DR
STE 206
FREDERICKSBURG, VA 22407-6938**



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Gordon N. Dixon, Director

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**BOARD FOR APELSCIDLA
BUSINESS ENTITY BRANCH OFFICE REGISTRATION
NUMBER: 0411000383 EXPIRES: 02-28-2014
PROFESSIONS: ENG
ECS-MID-ATLANTIC LLC
915 MAPLE GROVE DR
STE 206
FREDERICKSBURG, VA 22407-6938**



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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON

07-31-2013

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

NUMBER

4008 001545

REAL ESTATE APPRAISER BOARD
BUSINESS REGISTRATION

O R COLAN ASSOCIATES OF FLORIDA LLC

11111 CARMEL COMMONS BOULEVARD SUITE 410

CHARLOTTE NC 28226



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COMMONWEALTH OF VIRGINIA

REAL ESTATE APPRAISER BOARD
BUSINESS REGISTRATION

NUMBER: 4008 001545 EXPIRES: 07-31-2013

O R COLAN ASSOCIATES OF FLORIDA LLC

11111 CARMEL COMMONS BOULEVARD SUITE 410

CHARLOTTE NC 28226



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COMMONWEALTH OF VIRGINIA

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02-28-2014

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

NUMBER
0411000562

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

PROFESSIONS: LS

PRECISION MEASUREMENTS INC
4215 LAFAYETTE CENTER DR
SUITE 2A
CHANTILLY, VA 20151



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Gordon N. Dixon, Director

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COMMONWEALTH OF VIRGINIA

BOARD FOR APELSCIDLA
BUSINESS ENTITY BRANCH OFFICE REGISTRATION
NUMBER: 0411000562 EXPIRES: 02-28-2014
PROFESSIONS: LS
PRECISION MEASUREMENTS INC
4215 LAFAYETTE CENTER DR
SUITE 2A
CHANTILLY, VA 20151



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COMMONWEALTH OF VIRGINIA

EXPIRES ON

06-30-2013

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

NUMBER

0402040134

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

TIMOTHY PAUL ANDERSON
227 43RD STREET
VIRGINIA BEACH, VA 23451



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Gordon N. Dixon, Director

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COMMONWEALTH OF VIRGINIA

EXPIRES ON

06-30-2013

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



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Gordon N. Dixon, Director

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COMMONWEALTH OF VIRGINIA

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

Telephone: (804) 367-8500

EXPIRES ON

12-31-2013

NUMBER

0402046886

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



DEREK JOHN PIPER
PB AMERICAS, INC.
6161 KEMPSVILLE CIRCLE
STE 110
NORFOLK, VA 23502

Gordon N. Dixon
Gordon N. Dixon, Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION

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

BOARD FOR APELSCIDLA
PROFESSIONAL ENGINEER LICENSE
NUMBER: 0402046886 EXPIRES: 12-31-2013

DEREK JOHN PIPER
PB AMERICAS, INC.
6161 KEMPSVILLE CIRCLE
STE 110
NORFOLK, VA 23502



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APELSCIDLA Individual License

APELSCIDLA Individual License

NAME:	RICHARDS, WILLIAM EVANS
CITY, STATE:	RICHMOND, VA
OCCUPATION:	PROFESSIONAL ENGINEER 0402
LICENSE:	027950
INITIAL CERTIFICATION DATE:	JANUARY 27, 1998
EXPIRATION DATE:	JANUARY 31, 2014

Open Complaints: None

"Open Complaints" reflect only those complaints for which a departmental investigation has determined that sufficient evidence exists to establish probable cause of a violation of the law or regulations. Only those cases that have proceeded through an investigation to the adjudication stage are displayed.

State law prohibits the disclosure of any information about open complaints [Code of Virginia Section 54.1-108]. Members of the public may review official records and obtain copies only after a complaint investigation is closed.

Closed Complaints: None

"Closed Complaints" reflect complaints closed since 1990. Cases closed without disciplinary action are purged after three years in accordance with DPOR's record retention policy.

To inquire about any disciplinary actions prior to 1990, contact the department's Public Records Section at (804) 367-8583 or RecordsMgt@dpor.virginia.gov.

Note: The official record copy of the data obtained from this search is maintained by the specific board offices at the Department of Professional



ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.
a. Name & Title: STEVE ORDUNG, Operations Manager
b. Project Assignment: Design-Build Project Manager
c. Name of Firm with which you are now associated: Curtis Contracting, Inc.
d. Years experience: With this Firm <u>7</u> Years With Other Firms <u>16</u> Years Please list chronologically (most recent experience first) your employment history, position and general experience or fields of practice for the last fifteen(15) years. (NOTE: If you have less than 15 years of experience, please list all of your experience for those years you have worked.): 2006-present. Curtis Contracting, Inc. Design-Build Project Manager/Contracts Manager. 2003-2006. Archer Western Contractors. Program Manager. 1998-2003. Archer Western Contractors. Senior Project Manager. 1996-1998. Archer Western Contractors. Project Manager. 1992-1995. Walsh Northeast Construction. Project Engineer. Steve has over 20 years of experience on major infrastructure projects located throughout the Eastern United States, including several projects in the Commonwealth of Virginia. His experience includes design-build, highway and bridge, athletic facilities, major airport facilities, water/wastewater treatment plants, and other site development projects. His clients have included VDOT, James City County, NCDOT, MDSHA, USACE, US Navy, AAFES, and GSA.
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: Wentworth Institute of Technology, Boston, Massachusetts / B.S. / 1990 / Construction Management Worcester Industrial Technical Institute, Worcester, Massachusetts / A.S. / 1988 / Civil Engineering US Army Corps of Engineers – CQM Certification CENAO-08-0387
f. Active Registration: Year First Registered/ Discipline/VA Registration #: Virginia DCR Responsible Land Disturber Certification / #32306 (Exp. 7/13/2012)
g. Document the extent and depth of your experience and qualifications relevant to the Project. <i>a. Note your specific responsibilities and authorities for each assignment, not those of the firm.</i> <i>b. Note whether experience is with current firm or with other firm.</i> <i>c. Provide beginning and end dates for each assignment.</i> (List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)

June 2011 - October 2013. **Virginia Capital Trail Design-Build Project**, Current Firm. Steve is serving as the Design Build Project Manager responsible for the management of the overall design-build process including public relations, design, permitting, utility coordination, right-of-way acquisition, quality assurance / quality control, environmental protection, safety, schedule and construction for this \$8.8 million project. The project elements include the construction of 12.5 miles of asphalt paved trail and structures. Steve is the main point of contact for the CCI/Parsons Brinckerhoff Team and is responsible for the communication and coordination with VDOT, Charles City County, permitting agencies, impacted property owners and other stakeholders on the project. Utilizing his experience combined with innovative flexibility, Steve led the Design-Build process to reduce project costs by eliminating the need for 11 bridge structures, which resulted in an owner savings of more than \$1.1 million. Steve was also instrumental in establishing the design criteria that allowed for an environmentally positive use of recycled asphalt pavement millings in the pavement base material. He developed the original contract proposal, CPM Schedule, QA/QC Plan and continues to monitor progress of the project.

September 2010 - November 2011. **I-295/Meadowville Road Interchange Design-Build Project**, Current Firm. Steve served as the Design Build Project Manager responsible for the management of the overall design-build process including public relations, design, permitting, utility coordination, quality assurance / quality control, environmental protection, safety, schedule and construction for this \$11.7 million project. The project elements included the construction widening of Interstate 295, Meadowville Road and on ramps and off ramps for Phase I of the I-295/Meadowville Road Interchange development. Project details included two signalized intersections on Meadowville Road, signage, guardrail, asphalt pavement, concrete pavement, drainage, utility relocation, striping, clearing and mass grading. Steve was the main point of contact for the CCI/Parsons Brinckerhoff Team and was responsible for the communication and coordination with VDOT, Chesterfield County, permitting agencies and other stakeholders on the project. Steve was instrumental in expediting the schedule in order to advance design, permitting and construction of all work within a 14 month period. Using the unique flexibility allowed only with the Design-Build process he steered the phased design submissions to allow for work to begin within two months of project Award and then obtain all approvals in order to complete all work on time and within budget. Steve's focus on safety and accident prevention resulted in over 100,000 man hours without a single recordable injury for the entire project. Steve was instrumental in the decision to salvage the existing concrete material within the I-295 pavement shoulders and recycle the material in an environmentally positive way to incorporate this material into ground stabilization base material for the construction of new on/off ramp fills. He developed the original contract proposal, CPM Schedule, QA/QC Plan, maintained all project controls, and completed all significant contract negotiations for this project.

April 2006 - August 2008. **Warhill Infrastructure and Roadways Design-Build Project**, Current Firm. Steve served as the Design Build Project Manager responsible for managing the CCI/Timmons Group/CHA LLP Team for this \$37.4 million James City County project. As the Design Build Project Manager for the CCI/Timmons Group/CHA Team, Steve was responsible for the management of the overall design-build process including public relations, design, permitting, utility coordination, quality assurance & quality control, environmental protection, safety, schedule and construction for this \$37.4 million project. The project elements included the roadway widening of US Route 60 and widening of Centerville Road to provide increased traffic capacity and access to James City County's new 588 acre education, recreation and emergency response center development. Design and construction details also included major roadways, utilities and storm water management for the entire 588 acre. This project was a Turn-Key effort that supported the new 1,450 student high school for Williamsburg-James City County Schools, a 350,000 square foot campus site for Thomas Nelson Community College, 3,000-seat stadium and multi-use synthetic grass athletic fields venue. Work also included the reconstruction of two earthen dams. CCI's continuous emphasis on environmental compliance throughout the project earned them the award by James City County Board of Supervisors for Environmental Stewardship in 2008. Steve was the main point of contact for the CCI/Timmons Group/CHA Team and was responsible for the communication and coordination with James City County, VDOT, and all third party stakeholders on the project. As this project was multi-phased, Steve was instrumental in the coordination of design and construction for all phases in order to expedite the schedule to meet the contract completion date for all phases ahead of schedule. Steve's focus on safety and accident prevention resulted in over 200,000 man hours without a single recordable injury for the entire project.

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
c. Name of Firm with which you are now associated: Parsons Brinckerhoff
d. Years experience: With this Firm <u>19</u> Years With Other Firms <u>8</u> Years Please list chronologically (most recent experience first) your employment history, position and general experience or fields of practice for the last fifteen (15) years. (NOTE: If you have less than 15 years of experience, please list all of your experience for those years you have worked.): June 1993-present. Parsons Brinckerhoff. Julie serves as Project Lead Construction Engineer, providing construction management and design services for numerous highway, airport, military, governmental, recreational, and residential facilities.
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: Pennsylvania State University, PA / B.A.E. / 1985 / Architectural Engineering
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 1998 / Professional Engineer / VA #0402 027950 Virginia DCR Erosion & Sediment Control Contractor Certification / #2752 (Exp. 11/30/2012)
g. Document the extent and depth of your experience and qualifications relevant to the Project. 1. <i>Note your specific responsibilities and authorities for each assignment, not those of the firm.</i> 2. <i>Note whether experience is with current firm or with other firm.</i> 3. <i>Provide beginning and end dates for each assignment.</i> (List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)

July 2011 - October 2013. **Virginia Capital Trail (Sherwood Phase)**, Current Firm. Julie is the Quality Assurance Manager (QAM) for the Virginia Capital Trail project, which includes the design and construction of 12.5 miles of asphalt trail and eight timber bridges along Route 5 in Charles City County. As the QAM, Julie's role is to be in responsible charge of the Team's quality procedures and to ensure that the Department is provided a quality product through design and construction. The first step in this role is to develop the Design-Build QA/QC Manual for the project, followed by quarterly project audits to ensure that the contractors and engineers are adhering to the quality procedures. Other responsibilities include: 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.

September 2010 - November 2011. **I-295/Meadowville Road Interchange**, Current Firm. 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. Project elements included two signalized intersections on Meadowville Road, the widening of Interstate 295, the widening of Meadowville Road, signage, placement of asphalt and concrete pavement, stormwater management, and utility relocation. 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.

November 2009 - June 2013. **Gilmerton Bridge Replacement**, Current Firm. Julie is responsible for overseeing the project records and ensuring that they are maintained in accordance with VDOT standards. The Gilmerton Bridge Replacement Project includes the replacement of the existing double leaf low level bascule bridge with a medium level

vertical bridge and approaches. The new bridge will provide a minimum clearance of 35 feet above mean high water to allow the many vessels that require an opening today to pass unrestricted through the bridge. The total length of the project is approximately three quarters of a mile including approximately 1,908 feet of the bridge. Parsons Brinckerhoff is providing complete construction management services for this project.

December 2009 - August 2010. **I-295/I-64 Interchange Construction Management**, Current Firm. Julie was the QA/QC Manager 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. Parsons Brinckerhoff provided construction management services for this project which included adding auxiliary lanes to Interstates 64 and 295. The improvements included asphalt patching and overlay on I-295, replacing the existing single lane ramps with dual lane ramps, and construction of three bridges, two soundwalls, and two box culverts. The project also replaced the existing two-lane Pouncey Tract with a four-lane section.

2003 - 2007. **Pinner's Point ITS**, Current Firm. 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.

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.
a. Name & Title: DEREK PIPER, PE, AICP, Assistant Vice President
b. Project Assignment: Design Manager
c. Name of Firm with which you are now associated: Parsons Brinckerhoff
d. Years experience: With this Firm <u>16</u> Years With Other Firms <u>11</u> Years Please list chronologically (most recent experience first) your employment history, position and general experience or fields of practice for the last fifteen(15) years. (NOTE: If you have less than 15 years of experience, please list all of your experience for those years you have worked.): 1997-present. Parsons Brinckerhoff. Derek has over 27 years of experience with a variety of civil/transportation projects, including more than 18 years managing teams on complex transportation projects. He has held positions with increasing responsibilities for numerous highway/bridge projects, site development, and utility engineering projects. Derek's technical specialties include roadway and intersection design, utility design, site design, stormwater management plan development, permitting, environmental documentation, and program/project management.
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: Pennsylvania State University, PA / B.A.E. / 1985 / Architectural Engineering
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 2009 / Professional Engineer / VA #0402 46886 2001 / Certified Planner
g. Document the extent and depth of your experience and qualifications relevant to the Project. <i>a. Note your specific responsibilities and authorities for each assignment, not those of the firm.</i> <i>b. Note whether experience is with current firm or with other firm.</i> <i>c. Provide beginning and end dates for each assignment.</i> (List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)

2010 – May 2013. **Downtown Tunnel – Elizabeth River Tunnels Project Design-Build PPTA**, Current Firm: Derek is serving as the Deputy Design Manager for the design of a new Midtown Tunnel and the associated roadways. Derek is also the Civil Task Lead responsible for MLK Expressway and Midtown Tunnel responsible for design elements to include roadway, drainage, stormwater management, traffic, lighting, utilities, and landscape architecture. Derek is also tasked with third party coordination and design liaison to the City of Norfolk and Portsmouth. Parsons Brinckerhoff is responsible for the design of a new Midtown Tunnel and the associated roadways. The project consists of modifications to the existing tunnel and construction of a new immersed tube tunnel under the Elizabeth River, running parallel to the existing Midtown Tunnel. This will provide for additional capacity to the east-west connection between the City of Portsmouth and the City of Norfolk.

September 2010 – May 2011. **Route 29 Design-Build Solicitation**, Current Firm: Derek provided technical support in developing the design-build Request for Proposals for the Route 29 Bypass, a proposed 6.2-mile, four-lane limited access highway west of Charlottesville. The project features two new interchanges and at least fourteen bridge structures. The project was initiated to relieve traffic congestion along the section of U.S. Route 29 North from the U.S. Route 29/250 Bypass to north of the South Fork Rivanna River. Derek led the Parsons Brinckerhoff teams assisting VDOT with developing the RFP Part 2 (Technical Requirements), preparing a traffic study, financial plan, public involvement

strategy, and public meeting exhibits. In response to revised design criteria and VDOT desires to reduce the cost of the overall project, Parsons Brinckerhoff evaluated alternative interchange layouts from those previously developed over a decade ago for presentation to public stakeholder groups.

September 2010 –November 2011. **I-295/Meadowville Road Interchange**, Current Firm: Derek served in a senior advisory and quality assurance role for the project. Parsons Brinckerhoff served as the lead designer providing design and construction engineering inspection services for this design-build project to construct a new interchange at Meadowville Road and Interstate 295 in Chesterfield. This high profile project provides interstate access to the Meadowville Technology Park and was delivered on a fast track basis using design-build delivery. The total contract timeline for this project was 15 months, with design completed five months from Notice to Proceed and construction scheduled for a 12-month operation.

2004-2008. **Rehabilitation of the Ben Sawyer Bridge (SC 703) over the Intracoastal Waterway**, Current Firm: Derek served as Deputy Project Manager for planning and design services associated with this nearly 1,200-foot structure with a 240-foot swing-span. The project involved complete superstructure replacement including all mechanical/electrical components, new operators' tender house, and new fendering system. The project was converted to design-build with Parsons Brinckerhoff responsible for preparing technical specifications.

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.
a. Name & Title: WILLIAM "BILL" RICHARDS, PE, Construction Engineer
b. Project Assignment: Construction Manager
c. Name of Firm with which you are now associated: Curtis Contracting, Inc.
d. Years experience: With this Firm <u>12</u> Years With Other Firms <u>15</u> Years Please list chronologically (most recent experience first) your employment history, position and general experience or fields of practice for the last fifteen(15) years. (NOTE: If you have less than 15 years of experience, please list all of your experience for those years you have worked.): 2000-present. Curtis Contracting, Inc. 1998-1999. Frederick R. Harris. Associate Vice President. 1990-1997. VRTBA. Engineer Director. 1987-1990. VDOT. Assistant Resident Engineer, Chesterfield. Bill has over 25 years of experience on major infrastructure projects located throughout Virginia. His experience includes highway and bridge, environmental, airport facilities, athletic facilities, and other site development projects. Bill has worked for a variety of clients including VDOT, local municipalities, DoD, GSA, and FHWA.
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: Virginia Polytechnic Institute and State University, Blacksburg, Virginia / B.S. / 1984 / Civil Engineering
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 1998 / Professional Engineer / VA #0402 027950 Virginia DCR Responsible Land Disturber Certification / #21759 (Exp. 1-31-2014) VDOT Erosion and Sediment Control Contractor Certification / #1053C (Exp. 12/12/2013)
g. Document the extent and depth of your experience and qualifications relevant to the Project. <i>a. Note your specific responsibilities and authorities for each assignment, not those of the firm.</i> <i>b. Note whether experience is with current firm or with other firm.</i> <i>c. Provide beginning and end dates for each assignment.</i> (List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)

June 2011 - October 2013. **Virginia Capital Trail Design-Build Project**, Current Firm. Bill is serving as the Construction Manager responsible for the management of construction for this \$8.8 million project. The project elements include the construction of 12.5 miles of asphalt paved trail and structures. Bill is responsible for the day to day construction operations, quality control oversight, environmental compliance, public and worker safety, subcontractor coordination and monitoring of the CPM schedule. Bill's duties include daily coordination of labor and equipment resourcing, material deliveries, subcontractor activities and construction means and methods. He communicates daily with the QA/QC inspection staff to schedule timely inspections, discuss work operations and to coordinate all preparatory documentation for the start of any new major work activity. Bill is the on-site point of contact for the CCI/Parsons Brinckerhoff Team and is responsible for the communication and coordination with VDOT's Project Representative, Charles City County, visiting permitting agencies and impacted property owners. Bill maintains a Professional Engineering license in the Commonwealth of Virginia and has extensive roadway design and construction experience. Using this experience, Bill is able to efficiently communicate field issues with our design team members and help to expedite the resolution of any conflicts or improvements as they are revealed thru the normal course of construction. Most importantly, Bill's credentials make him uniquely qualified to ensure that the project is constructed in accordance with the

current approved design plans and contract requirements. Bill coordinates the daily and weekly progress meetings where the immediate on-site staff participates in a “micro” level scheduling of all activities, traffic control measures and to insure that all open action items are addressed to support construction and contract compliance.

September 2010 - November 2011. **I-295/Meadowville Road Interchange Design-Build Project**, Current Firm. Bill served as the construction manager responsible for the management of construction for this \$11.7 million Fast Track/Design-Build project. The project elements included the construction widening of Interstate 295, Meadowville Road and on ramps and off ramps for Phase I of the I-295/Meadowville Road Interchange development. Project details included significant traffic control, construction of two signalized intersections on Meadowville Road, signage, guardrail, asphalt pavement, concrete pavement, drainage, utility relocation, striping, clearing and mass grading. Bill was responsible for the day to day construction operations, quality control oversight, environmental compliance, public and worker safety, subcontractor coordination and monitoring of the CPM schedule. Bill’s duties included daily coordination of labor and equipment resourcing, material deliveries, subcontractor activities and construction means and methods. He communicated daily with the QA/QC inspection staff to schedule timely inspections, discuss work operations and to coordinate all preparatory documentation for the start of any new major work activity. Bill was the on-site point of contact for the CCI/Parsons Brinckerhoff Team and was responsible for the communication and coordination with VDOT’s Project Representative, Chesterfield County, visiting permitting agencies and adjacent property owners. Bill coordinated the daily and weekly progress meetings where the immediate on-site staff participated in a “micro” level scheduling of all activities, traffic control measures and to insure that all open action items were addressed to support construction and contract compliance.

May 2004 - April 2006. **US Route 199 Widening Design Build (PPTA) Project**, Current Firm. Bill served as the Construction Manager responsible for the construction management on the Jamestown 2007 Constructors, LLC/Wilbur Smith & Associates Team for this \$32.4 million project. Elements of this project included Design-Build construction to complete expansion of the Route 199 corridor from 2 lanes to 4 lanes for approximately three miles. The project included the construction of a 1,200 lf parallel bridge crossing over College Creek, 1,500 lf of sound absorptive concrete barrier wall, 300,000 cubic yards of excavation, 45,000 tons of asphalt pavement, interchange improvements and the relocation of Route 359 into the Colonial National Parkway at Jamestown. Bill was responsible for the day to day construction operations, quality control oversight, environmental compliance, public and worker safety, subcontractor coordination and monitoring of the CPM schedule. Bill’s duties included daily coordination of labor and equipment resourcing, material deliveries, subcontractor activities and construction means and methods. He communicated daily with the QA/QC inspection staff to schedule timely inspections, discuss work operations and to coordinate all preparatory documentation for the start of any new major work activity. Bill was the on-site point of contact for the Curtis/Wilbur Smith & Associates Team and was responsible for the communication and coordination with VDOT’s Project Representative, James City County, visiting permitting agencies and impacted property owners. Bill coordinated the daily and weekly progress meetings where the immediate on-site staff participated in a “micro” level scheduling of all activities, traffic control measures and to insure that all open action items were addressed to support construction and contract compliance.

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.	
h. Name & Title:	TIM ANDERSON, PE, Lead Utility Engineer
i. Project Assignment:	Utility Design / Coordination Manager
j. Name of Firm with which you are now associated:	Parsons Brinckerhoff, Inc.
k. Years experience: With this Firm <u>5</u> Years With Other Firms <u>15</u> Years Please list chronologically (most recent experience first) your employment history, position and general experience or fields of practice for the last fifteen(15) years. (NOTE: If you have less than 15 years of experience, please list all of your experience for those years you have worked.):	2007-present. Parsons Brinckerhoff, Inc. Lead Utilities Engineer. 1993-2007. URS Corp. Lead Utilities Engineer. Tim specializes in the study, evaluation, design and management of utility improvement projects, including sanitary sewer systems and stormwater systems. For the past two years, Tim has been managing the utility design and coordination effort as part of the Midtown Tunnel project. His past project experience includes utility design responsibilities as part of several projects for local municipalities and VDOT, as well as the Corps of Engineers, including a recent sewer manhole rehabilitation project in Richmond. Tim is a registered, licensed Professional Engineer in the Commonwealth of Virginia.
l. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization:	Old Dominion University, Norfolk, Virginia / B.S. / 2000 / Civil Engineering; Tidewater Community College, Norfolk, Virginia / A.S. / 1993 / Civil Engineering
m. Active Registration: Year First Registered/ Discipline/VA Registration #:	2005 / Professional Engineer / VA #0402 040134
n. Document the extent and depth of your experience and qualifications relevant to the Project. <i>a. Note your specific responsibilities and authorities for each assignment, not those of the firm.</i> <i>b. Note whether experience is with current firm or with other firm.</i> <i>c. Provide beginning and end dates for each assignment.</i> (List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)	

2009 – 2013. **Indefinite Delivery Contract (IDC) for Multidiscipline Architect/Engineer Design Services**, Current Firm. Parsons Brinckerhoff provides multi-discipline A/E design services for projects throughout the Norfolk District of the U.S. Army Corps of Engineers. Tim serves as Deputy Project Manager. Typical tasks have included design for water, sanitary sewer, stormwater connectivity and coordination with franchise utilities – including telephone, power and telecommunications.

2011 – 2013. **Midtown Tunnel Utility Relocations**, Current Firm. Tim is currently serving as the Lead Utility Coordination Manager responsible for all utility coordination and engineering associated with the design of a second Midtown Tunnel in Norfolk. The utility effort includes all public (water and sewer), private vendor (electrical, telephone, cable televisions, gas, communications), and VDOT-owned (traffic control and ITS) utilities. The effort requires extensive coordination with utility owners and stakeholders, including the City of Norfolk, City of Portsmouth, Virginia Port Authority, and franchise utilities.

2011 – 2013. **Midtown Tunnel 36-inch Water Main Relocation (Horizontal Directional Drill)**, Current Firm. Tim is currently managing the preliminary engineering report (PER) and final design services associated with the relocation of a

36-inch raw water main under the Elizabeth River by horizontal directional drill (HDD) as part of the Midtown Tunnel project. The final design was split into two parts: the HDD section; and the tie-in sections. The HDD section was completed first to facilitate the ordering of pipe materials which had long lead times. Final design for the remaining section followed a few months later.

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.
o. Name & Title: DAVID SANDS, RW-RAC, Project Manager
p. Project Assignment: Right-of-Way Manager
q. Name of Firm with which you are now associated: O.R. Colan Associates of Florida, LLC
r. Years experience: With this Firm <u>3</u> Years With Other Firms <u>16</u> Years Please list chronologically (most recent experience first) your employment history, position and general experience or fields of practice for the last fifteen(15) years. (NOTE: If you have less than 15 years of experience, please list all of your experience for those years you have worked.): May 2011 – Present – O. R. Colan Associates, Project Manager, 6 projects for Virginia Department of Transportation, Western District. November 2007 – May 2011 – O. R. Colan Associates, Quality Control Manager/Relocation Agent, Metropolitan Transportation Authority, New York City. April 2007-October 2007 – Spitzer & Associates, Acquisition Agent, United States Corps of Engineers, New Orleans. May 2006-April 2007 – Spitzer & Associates, Property Manager, Acquisition/Relocation Agent, City of Fort Worth, Texas. July 2003 – May 2006 – H.C. Peck & Associates, Vice President/Project Manager, Triangle Transit Authority, Durham, North Carolina. June 2000 – July 2003 – H.C. Peck & Associates, Vice President/Project Manager, various transit and highway projects throughout Colorado. July 1998 – June 2000 – H.C. Peck & Associates, Project Manager, various transit and highway project throughout Colorado. August 1996 – July 1998 – H.C. Peck & Associates, Acquisition/Relocation Agent, various transit and highway projects throughout Colorado. David has developed a comprehensive knowledge in real estate over the past 16 years in implementing acquisition, relocation assistance, property management, and project management services under the Uniform Relocation Assistance and Real Property Acquisition Policies Act. He is certified in Relocation Assistance (R/W-RAC) by the International ROW Association.
s. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: Kent State University, Kent, Ohio / A.S. / 1985 / Business
t. Active Registration: Year First Registered/ Discipline/VA Registration #: 1996 / IRWA R/W-RAC / 7893239
u. Document the extent and depth of your experience and qualifications relevant to the Project. a. <i>Note your specific responsibilities and authorities for each assignment, not those of the firm.</i> b. <i>Note whether experience is with current firm or with other firm.</i> c. <i>Provide beginning and end dates for each assignment.</i> (List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)

September 2012 – Ongoing. **VDOT Route 726**, Current Firm. ORC has been awarded a contract for the acquisition of 32

parcels in the City of Danville, VA. ORC will be responsible for the preparation of 27 BAR reports and will utilize a subconsultant to appraise the other five parcels. VDOT will perform appraisal review activities. Mr. Sands is managing this project.

March 2011 – Ongoing. **VDOT 13th Street**, Current Firm. ORC is actively performing turnkey acquisition services for 98 parcels, including the relocation of 32 occupants. ORC is responsible for the appraisal activities, some to be performed by a subconsultant, and VDOT is performing appraisal reviews. Mr. Sands is managing this project.

July 2011- November 2011. **VDOT On-Call Area R**, Current Firm. VDOT has awarded ORC two contracts consisting of 10 acquisition parcels for bridge replacements on Route 221 and Route 613 in Western Virginia. Mr. Sands is project manager.

October 2011– Ongoing. **VDOT 10th Street**, Current Firm. ORC has been awarded a contract to perform turnkey acquisition services for 87 parcels, including the relocation of 11 occupants. ORC will be responsible for appraisal activities, and VDOT is performing appraisal reviews. Mr. Sands is managing this project.



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: Rt. 199 Segments 1B, 3, 4 (PPTA) Location: James City County, VA	Name: Wilbur Smith Associates	Name of Client./ Owner: VDOT Phone: (757) 253-5069 Project Manager: David Black Phone: (757) 253-5069 Email: david.black@vdot.virginia.gov	2005 (1B) 2005 (3) 2005 (4)	2004 (1B) 2005 (3) 2004 (4)	32,400	32,400	32,400

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 2004, Curtis Contracting Inc, as a lead equity member of the Jamestown 2007 Corridor Constructors, LLC, was awarded a Design-Build (PPTA) contract by the Virginia Department of Transportation to expand the US Route 199 corridor from two (2) lanes to four (4) lanes with a divided median for approximately three (3) miles. The Design Build project included all environmental permitting, right-of-way acquisition, utility coordination, public outreach/relations and major traffic control to construct the new lanes of roadway while maintaining uninterrupted vehicular traffic on the existing corridor. Project scope also included the construction of a 1,200 lf parallel bridge crossing over College Creek, 1,500 lf of sound absorptive concrete barrier wall, 300,000 cubic yards of excavation, 45,000 tons of asphalt pavement, interchange improvements at Route 31/Jamestown Road, and the relocation of Route 359 into the Colonial National Parkway at Jamestown. This time sensitive improvement was necessary to support the increased tourism and commercial traffic associated with the celebration of our country's 400th Anniversary at Jamestown.

The construction of six (6) new lane miles, along with the rehabilitation and improvements of the existing six (6) lane miles and interchange improvements, required exact planning and phased design and construction in order to achieve the aggressive schedule for a project of this length and magnitude. CCI was instrumental in partnering with all stakeholders early and often to make sure that a comprehensive CPM schedule was development, including consideration of all hold points for VDOT, permitting, necessary design approvals, utility relocations, etc.; and that daily and weekly action items were not left unaddressed in order to support the needs of the project. CCI challenged team members each week during the "mandatory" weekly meetings to come prepared and to address items such as design submittals, revision or approval status, deficiency identification/correction and documentation, right-of-way acquisition negotiation status, and status of utility relocation. The partnering approach instilled by CCI gave all members a sense of "ownership" where each individual believed success was the only option and attendees were inspired to come prepared to support the progress of the work and performance of the Team.

Challenges to the constructability of this project included the soils surrounding College Creek and the tributary basin areas. The Design-Build Team worked together to develop a design for reinforced fills that would support the traffic loading while also minimizing any long term settlement below subgrade, which would result in a failing roadway section or create future maintenance issues. Confident in our ability, the Team further reinforced our commitment by enhancing the value of our proposal and agreeing to an extended seven (7) year warranty that included specific details concerning any settlement if it should occur. To date, the design and construction quality have produced a roadway that is performing tremendously under load and without any issues of settlement.

Historical and cultural resources were a significant concern on this project. In addition, the Department of Interior was an integral partner on the Team due to the sensitivity of work on the property of the National Park Service. CCI's Team considered this risk during the development of our proposal to include hold points in the schedule and time for the necessary surveys and phased clearances of impacted properties along the corridor. All sites were cleared for construction and then monitored throughout as required by the permitting. CCI maintained great relationships with the stakeholders from the Historical and Cultural Resources and received high praise from the National Park Service for our attention to their concerns and the quality of our performance.

CCI's focus on safety enabled us to complete all work, to include over 150,000 man hours, without a single recordable injury.

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: Warhill Infrastructure & Roadways (PPEA) Location: James City County, VA	Name: Timmons Group	Name of Client./ Owner: James City County Phone: (757) 253-6728 Project Manager: Sanford Wanner Phone: (757) 253-6728 Email: swanner@williamsburgpottery.com	2007	2007	35,041	37,382	37,382

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 2004 James City County Virginia passed a \$40 million bond referendum to finance the development of a 588 acre property known as the Warhill site. Curtis Contracting Inc. was subsequently awarded a Design-Build (PPEA) in 2005 for the turn-key design, permitting, right-of-way acquisition, and utility improvements necessary to deliver this massive investment by the municipality. Project elements included the roadway widening of US Route 60 and widening of Centerville Road to provide increased traffic capacity and access to James City County's new 588 acre education, recreation and emergency response center development. Design and construction details also included major roadways, utilities and storm water management for the entire 588 acre site. This project was a turn-key effort that supported the new 1,450 student high school for Williamsburg-James City County Schools, a 350,000 square foot campus site for Thomas Nelson Community College, a 3,000-seat stadium and multi-use synthetic grass athletic fields venue. Work also included the reconstruction of two (2) earthen dams. CCI's continuous emphasis on environmental compliance throughout the project earned them the award by James City County Board of Supervisors for Environmental Stewardship in 2008. Curtis Contracting led the Team of Curtis/Timmons Group and was responsible for the communication and coordination with James City County, VDOT, and all third party stakeholders on the project.

Construction sequencing was a significant challenge on this project due to the significant amount of utilities that were installed or modified in advance of the mass grading roadway construction. CCI installed over 2,100 LF of 72" Dia. RCP for the main storm drainage being carried across the site to the storm water management ponds. Design and construction accommodated a crossing of this massive culvert and other new utility installations with the existing Dominion Virginia Power high voltage transmission main, Virginia Natural Gas high pressured transmission main and a Newport News Waterworks 60" Dia. water force main.

CCI's focus on safety enabled us to complete all work, to include over 200,000 man hours, without a single recordable injury.

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: I-295/Meadowville Road Interchange Improvements (Design Build) Location: Chesterfield County, VA	Name: Parsons Brinckerhoff	Name of Client./ Owner: VDOT Phone: (804) 674-2800 Project Manager: Ian Millikan Phone: (804) 674-2800 Email: ian.millikan@vdot.virginia.gov	12/31/2011	12/15/2011	11,715	11,820	11,820
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 <u>this</u> Project, so the relevancy of that work can be considered accordingly.							
<p>CCI was responsible for the overall design-build process including public relations, design, permitting, utility coordination, quality assurance & quality control, environmental protection, safety, schedule and construction for this \$11.7 million project. The project elements included the construction widening of Interstate 295, Meadowville Road and on ramps and off ramps for Phase I of the I-295/Meadowville Road Interchange development. Project details included two signalized intersections on Meadowville Road, signage, guardrail, asphalt pavement, concrete pavement, drainage, utility relocation, striping, clearing and mass grading. CCI was responsible for the communication and coordination with VDOT, Chesterfield County, permitting agencies and other stakeholders on the project. CCI met the challenge of expediting the schedule in order to advance design, permitting and construction of all work within a 14 month period. CCI's talent was key to supporting the phased design submissions to allow for work to begin within 2 months of project Award and then obtain all approvals in order to complete all work on time and within budget.</p> <p>During the design and construction of this project, CCI worked seamlessly with our Design Team to establish a pavement section and construction method that allowed us to eliminate the traffic limitation of a single lane on the bridge and approaches during the phase of pavement reconstruction at the existing fixed bridge location. The approach expedited the completion of work in this critical area and allowed for minimal impact of traffic during construction. CCI received high praise from the County emergency response officials and the neighboring Northrop Grumman State data storage center officials for our innovative approach and for the fact that we considered their concerned, adapted, and improved any original conceptual plan for this work.</p> <p>CCI was able to control the project schedule with its unique ability to self perform all project management, mass excavation, roadway sub base, storm drainage/basin construction, pavement demolition, traffic control and guardrail installation. Major items of work include approx 120,000 cubic yards of mass excavation, 20,000 Cubic Yards of borrow excavation, 26,000 SY of concrete pavement, 23,000 Tons of asphalt and 27,000 Tons of aggregate base material. CCI has added the resources internally to also perform all asphalt milling and paving operations which allows for us to control all these elements on the Route 3 project.</p> <p>CCI's focus on safety enabled us to complete all work, to include over 100,000 man hours, without a single recordable injury.</p>							

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: Route 29 Bypass Location: Charlottesville, VA	Name: N/A	Name of Client: Virginia Department of Transportation Phone: Project Manager: Hal Jones Phone: (540) 829-7370 Email: Harold.Jones@VDOT.virginia.gov	Ongoing	N/A	N/A	7,832	6,600
<p>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.</p> <p>Parsons Brinckerhoff provided planning and design services for VDOT for the Route 29 Bypass, a 6.2-mile, four-lane limited-access roadway. The project features a three tier interchange with directional flyover ramp and another system-to-system interchange with provisions for a future arterial. The project was initiated to relieve traffic congestion along the section of U.S. Route 29 North from the U.S. Route 29/250 Bypass to north of the South Fork Rivanna River.</p> <p>Public outreach was a major component of the project, and efforts in this area included coordination with neighborhood groups, a citizens' design advisory committee, the Metropolitan Planning Organization, and the general public. Parsons Brinckerhoff developed four alternative alignments, recommended a design alignment, and developed right-of-way and construction plans for the selected design.</p> <p>Most recently, Parsons Brinckerhoff was asked to provide technical support in developing the design-build Request for Proposals for the project. The team worked with VDOT to develop the RFP Part 2 (Technical Requirements), preparing a traffic study, financial plan, public involvement strategy, and public meeting exhibits. In response to revised design criteria and VDOT desires to reduce the cost of the overall project, Parsons Brinckerhoff evaluated alternative interchange layouts from those previously developed over a decade ago for presentation to public stakeholder groups</p> <p>Work was being managed and performed primarily from Parsons Brinckerhoff's office in Norfolk, Virginia.</p>							

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-295 / Meadowville Road Interchange Improvements Location: Chesterfield, VA	Name: Curtis Contracting, Inc.	Name of Client: Curtis Contracting, Inc. Phone: (804) 843-4633 Project Manager: Steve Ordnung Phone: (804) 843-4633 Email: s.ordung@curtiscontracting.net	2011	2011	11,715	11,820	994
<p>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.</p> <p>Parsons Brinckerhoff served as the Lead Designer and Quality Assurance Manager for this Design-Build project to design and construct a new diamond interchange along I-295 at Meadowville Road. Elements of the project include widening Meadowville Road from a two-lane undivided to a four-lane divided roadway, widening I-295 and the construction of ramps for the diamond interchange, the extension of a five chamber box culvert in an active stream, and relocating public and private utilities to accommodate the proposed project.</p> <p>There are several aspects of the Meadowville Road Project that are similar to the Route 3, including: widening a two-lane roadway to a four-lane divided roadway; providing a safe travel way and an adequate work zone on a constrained roadway with a robust maintaining traffic plan; developing permit documents to address environmental impacts associated with roadway widening over an active stream; coordinating with public and private utility providers for significant utility relocations; and third-party coordination.</p> <p>One challenging aspect for the widening of Meadowville Road was to provide an adequate work zone while maintaining safe travel way for the public on a constrained roadway. Meadowville Road was constrained by a two-lane bridge that crosses I-295 that was not being widened as part of our project. The challenge was presented when proposed four-lane road transitioned to a narrow two-lane bridge that required full depth pavement reconstruction for the approaches all while maintaining one lane of traffic. To overcome this challenge the design-build team installed a temporary signal to allow Meadowville Road to operate with one-lane roadway with a 24-hour operation to minimize the duration of the impact.</p> <p>A live stream crosses under Meadowville Road through a large culvert, similar to Route 3. The design team designed a culvert extension to accommodate the widening of Meadowville Road instead of replacing the existing elliptical culvert with a box culvert as shown in the preliminary design. This approach allowed the profile grade of the road to match existing, improved the construction sequencing, and reduced wetland impacts.</p> <p>This fast track design-build project was designed and constructed in 14-months. To achieve the aggressive schedule, plan packages were developed to be sequential to construction activities. This allowed the contractor to advance construction while the plans were being finalized. The first plan package included rough grading, drainage, and erosion control features to allow mass grading actives to advance. The success of this project was featured at the 2011 Governors' Transportation Conference.</p> <p>Work was managed and performed from Parsons Brinckerhoff's office in Norfolk, Virginia.</p>							

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: Virginia Capital Trail - Sherwood Forest Phase Location: Charles County, VA	Name: Curtis Contracting, Inc.	Name of Client: Curtis Contracting, Inc. Phone: (804) 843-4633 Project Manager: Steve Ordnung Phone: (804) 843-4633 Email: s.ordung@curtiscontracting.net	October 2013	October 2013	8,800,000	Estimated 8,800,000	1,150,000
<p>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.</p> <p>Parsons Brinckerhoff served as the lead designer and provided the QA Manager for this design-build project to design and construct a paved pedestrian facility that extends from Jamestown to Richmond along the Route 5 corridor. The Sherwood Phase is a 12.5 mile section of the trail through Charles City County. Elements of the project include asphalt trail, timber pedestrian bridges, retaining walls, environmental permitting, right-of-way acquisition, public involvement, utility coordination and relocation.</p> <p>The design of eight timber bridges over active streams and wetlands required coordination across several disciplines and agencies. Elements of this design included hydraulic analysis, structural design, geotechnical analysis, environmental permitting, and coordination with DEQ and the Corps of Engineers. The development of the bridge designs incorporated top down construction methods to allow all construction equipment to operate from the bridge deck, minimizing environmental impacts.</p> <p>Public involvement was a critical factor for the success of this project. The citizens in the corridor were passionate about preserving the tree canopy along Route 5. The project team worked with VDOT to develop a design concept to meet the expectations of the public while staying within the parameters of the environmentally-sensitive area. The project team engaged the Commonwealth's Attorney to relay the design to the citizens in the corridor to help manage public perception.</p> <p>The design concept for the pavement section introduced to VDOT the utilization of Recycled Asphalt Pavement (RAP) as pavement subbase. The aggregate subbase in the pavement section was replaced with asphalt millings, resulting in a stronger base material because of the asphalt binder. The application of this innovative design is an opportunity for VDOT to monitor the performance of the material for use in future applications.</p> <p>Work was managed and performed from Parsons Brinckerhoff's office in Norfolk, Virginia.</p>							