A Design-Build Project

I-64 / EXIT 91 INTERCHANGE IMPROVEMENTS DESIGN-BUILD

A Statement of Qualifications
January 6 2012
CD Copy

Submitted by:
R.R. Dawson Company, Inc.

R.R. DAWSON BRIDGE COMPANY LLC

P. O. BOX 28 • LEXINGTON, KENTUCKY 40588-0028 • (859) 269-4644 • FAX (859) 266-7378

MEMBERS:
R. R. DAWSON, JR.
GEORGE D. MARTIN
THOMAS C. DAWSON

January 6, 2012

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

RE: State Project No. 0064-007-111, P101, R-201, C-501, B-627
I-64 Exit 91 Interchange Improvements Design-Build Project
Federal Project No: NH-064-2(152)
Contract ID Number: C00075877DB47
Statement of Qualifications

Dear Ms. Williams:

R.R. Dawson Bridge Company, LLC (R.R. Dawson) is pleased to submit this Statement of Qualifications in response to this Virginia Department of Transportation (VDOT) Request for Qualifications (RFQ) for the I-64 Exit 91 Interchange Improvements project in Augusta County, Virginia.

R.R. Dawson has carefully assembled a team of designers and constructors with the necessary expertise to successfully complete the I-64 Exit 91 Interchange Improvement project for VDOT. R.R. Dawson has a long-standing relationship with VDOT having completed numerous projects of varied types across the Commonwealth. R.R. Dawson is joined by KCI Technologies, Inc. (KCI), an ISO 9000:2008 certified firm, who will serve as the Lead Designer for the project. The R.R. Dawson/KCI Team is committed to delivering the I-64 Exit 91 Interchange design-build project ahead of the contract completion date while controlling project costs and meeting VDOT quality metrics.

Over the years, the R.R. Dawson Team has completed a number of projects similar to this project with VDOT. The success of these projects was based upon our ability to:

- Understand VDOT's Design-Build process;
- Commit to VDOT's goals and objectives for this project;
- Integrate design and construction processes with the project's goals such as quality, schedule, cost and environmental compliance;
- Identify potential risk early and mitigate them effectively;
- Understand the local area and stakeholders needs; and
- Provide engineering services that are accurate, complete and detailed.

The team has established specific responsibilities for each key staff member of our organizational structure to ensure design documents are prepared in accordance with sound, prudent, and accepted engineering practices conforming to VDOT, FHWA, and other federal, state, and local standards. Our team stands ready to meet these challenges while exceeding VDOT's expectations through our past experiences, lessons learned, and innovative approaches. These areas are highlighted with the stamp to the right to signify our team's *Proven Experience*. The members of the R.R. Dawson Team enjoy longstanding relationships and have a history of successfully working together on many VDOT projects. Our team will apply lessons learned from those experiences to the benefit of VDOT's I-64 Exit 91 Intersection Improvement project.

Proven R.R. Dawson Team Experience

As requested in Section 3.2 of the RFQ, the R.R. Dawson Team offers the following information:

Section 3.2.1: Offeror's Representative

R.R. Dawson has designated an official point of contact relative to this Statement of Qualifications and RFQ:

Mr. Gerry Hargis, Area Manager
2434 New Dorset Circle
Powhatan, VA 23139
Telephone: 804.598.8623, Facsimile: 804.598.8620
E-mail:ghargis@rrdbc.com

Section 3.2.2: Principal Officer Information

The Design-Build contract with VDOT would be written to R.R. Dawson Company, LLC. The principal officers are:

George D. (Dan) Martin – *Member*
R.R. Dawson, Jr. – *Member*
P.O. Box 28
Lexington, KY 40588-0028
Telephone: 859.269.4644

Section 3.2.3: Corporate Structure

R.R. Dawson Bridge Company, LLC is a Limited Liability Company and will be the sole legal entity with whom this Design-Build contract will be written.

Section 3.2.4: Affiliates and Subsidiaries

R.R. Dawson has the following affiliated companies:

Atlantic Division
R.R. Dawson Bridge Company, LLC
2434 New Dorset Circle
Powhatan, VA 23139
Phone: 804.598.8620

Gulf Coast Division
R.R. Dawson Bridge Company, LLC
1866 Highway 150 S.E.
Bessember, AL 35022
Phone: 205.424.3211

Section 3.2.5: Certification Regarding Debarment

Attached in Appendix C are the Certification Regarding Debarment Forms Primary Covered Transactions and Certification Regarding Debarment Forms Lower Tiered Covered Transactions for all affiliated companies and subcontractors.

Section 3.2.6: VDOT Prequalification

COMMONWEALTH OF VIRGINIA

VDOT

CERTIFICATE OF QUALIFICATION

R. R. Dawson Bridge Company, LLC

Vendor Number: **D005**

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

PREQUALIFIED

Work Classes: Major Structures, Marine Construction

Issue Date: April 30, 2011 **This Rating and Classification will Expire:** April 30, 2012

R.R. Dawson is prequalified to do business with VDOT, prequalification number D005. A full-sized copy of the prequalification certificate can be found in Appendix F.

Section 3.2.7: Evidence of Bonding

R.R. Dawson obtains its bonding from Travelers Casualty and Surety Company of America. Evidence from the surety indicating R.R. Dawson's ability to obtain a performance and payment bond based on the current estimated contract value is included on Page 6 of the SOQ.

Section 3.2.8: Professional Services Documentation

The following table indicates registration information for each team member. Each team member is in compliance with the requirements set forth in Section 3.2.8 and subsections 1 through 4, where applicable. The primary team members identified at this stage of the procurement include two Class A contractors, both of whom are registered with DPOR, and nine firms offering professional services. Six of the nine firms operate main or branch offices in Virginia. Information meeting the requirements of Section 3.2.8 is included in the tables in the following section:

3.2.8.1 SCC Registration for Each Business			
Registered Name	**Registration No.**	**Type of Corporation**	**Status**
R.R. Dawson Bridge Company, LLC *Lead Contractor*	T009098-7	Limited Liability Company	Active / Good Standing
Kanawha Stone Company, Inc. *Roadway Contractor*	F133957-3	Foreign Corporation	Active / Good Standing
KCI Technologies, Inc. *Design Manager*	F059869-0	S-Corporation	Active / Good Standing
Moffatt & Nichol, Inc. *Lead Structural Engineer*	F058239-7	C-Corporation	Active / Good Standing
EBA Engineering, Inc. *Quality Assurance Manager*	F123900-5	S-Corporation	Active / Good Standing
ECS-Mid-Atlantic, LLC *Lab Testing*	S120821-6	Limited Liability Company	Active / Good Standing
Sheladia Associates, Inc. *Lead Roadway Engineer*	F128813-5	S-Corporation	Active / Good Standing
T3 Design Corporation *Traffic Signal Design*	0658539-2	S-Corporation	Active / Good Standing
Racey Engineering, PLLC *Surveying*	S084499-5	C-Corporation	Active / Good Standing
AMEC E&I, Inc. *Geotechnical Engineering & Quality Control*	F060316-9	Foreign Corporation	Active / Good Standing
Milestone Consultants, Inc. *CPM Scheduling*	0501305-7	S-Corporation	Active/ Good Standing
Diversified Property Services, Inc. *Right-of-Way Acquisition*	F130410-6	S-Corporation	Active / Good Standing

3.2.8.2 DPOR Registration for Offices				
Business Name	**Address**	**Registration Type**	**Registration Number**	**Expiration Date**
R.R. Dawson Bridge Company, LLC	1999 Richmond Road Lexington, KY 40588	Class A Contractor	0270 5030731A	1/31/2012
Kanawha Stone Company, Inc.	401 Jacobson Drive Rock Branch in D Park PO Box 503 Nitro, WV 25143	Class A Contractor	2705 041075A	1/31/2013
KCI Technologies, Inc. *Home Office Registration*	936 Ridgebrook Road Sparks, MD 21152	ENG	0407003113	12/31/2013

3.2.8.2 DPOR Registration for Offices				
Business Name	**Address**	**Registration Type**	**Registration Number**	**Expiration Date**
KCI Associates of North Carolina, PA *Branch Office Registration*	4601 Six Forks Road Landmark Center II, Suite 220 Raleigh, NC 27609	ENG	0411000767	2/29/2012
Moffatt & Nichol, Inc. *Home Office Registration*	1100 Boulders Parkway Suite 350 Richmond, VA 23225	ENG	0407002877	12/31/2013
Moffatt & Nichol, Inc. *Branch Office Registration*	800 World Trade Center Norfolk, VA 23510	ENG	0411000532	2/29/2012
EBA Engineering, Inc. *Branch Office Registration*	287 Shingle Oak Lane Nellysford, VA 22958	ENG	0411000659	2/29/2012
ECS-Mid-Atlantic, LLC *Branch Office Registration*	2119-D North Hamilton Street Richmond, VA 23230	ENG	0411000384	2/29/2012
Sheladia Associates, Inc. *Home Office Registration*	15825 Shady Grove Road, #100 Rockville, MD 20850	ENG	0407003629	12/31/2013
T3 Design Corporation *Home Office Registration*	3927 Old Lee Highway, Suite 101-C Fairfax, VA 22030	ENG	0405001624	12/31/2013
Racey Engineering, PLLC *Home Office Registration*	312 West Main Street PO Box 387 Luray, VA 22835	ENG LS	0413000251	12/31/2013
AMEC E&I, Inc. *Home Office Registration*	21740 Beaumeade Circle, Suite 150 Ashburn, VA 20147	ENG	0411000127	2/29/2012
AMEC E&I, Inc. *Branch Office Registration*	3705 Saunders Avenue Richmond, VA 23227	ENG	0411000128	2/29/2012
AMEC E&I, Inc. *Branch Office Registration*	1070 West Main Street Suite 5 Abingdon, VA 24210	ENG	0411000523	2/29/2012
Milestone Consultant, Inc. *Home Office Registration*	1913 Huguenot Road, Suite 201 Richmond, VA 23235	ENG	0407005159	12/31/2013

3.2.8.3 DPOR Registration for Key Personnel					
Registered Name	**Address**	**Reg. Type**	**Registration Number**	**Expiration Date**	**Practicing Office**
Stephen Francis Drumm *Design Manager*	18450 Prettyboy Dam Road Parkton, MD 21120	PE	0402044936	6/30/2012	Sparks, MD
James Click Cleveland *Quality Assurance Manager*	287 Shingle Oak Lane Nellysford, VA 22958	PE	0402022124	2/28/2013	Nellysford, VA
Eric P Vugteveen *Lead Structural Engineer*	11220 Abingdon Circle Richmond, VA 23236	PE	0402033711	4/30/2013	Richmond, VA

3.2.8.4 DPOR Registration for Other Professional Services				
Registered Name	**Address**	**Registration Number**	**Expiration Date**	**Practicing Office**
Diversified Property Services of VA, Inc Real Estate Appraiser Business	20 E. Timonium Road, Suite 111 Timonium, MD 21093	4008 001190	11/30/2012	Timonium, MD

Section 3.2.9 – Disadvantage Business Enterprises

R.R. Dawson Bridge Company, LLC supports the Disadvantaged Business Enterprise program and is committed to achieving or exceeding 12% of the design and construction of this project utilizing the services of organizations certified as Disadvantaged Business Enterprises. Our commitment to meeting the DBE goal of 12% for the project is signified by the signature below.

The Team has already identified a number of DBE team members to provide professional services and look forward to reaching out to proven DBE teaming partners for assistance during the construction planning and pricing phase of the project.

Closing

The R.R. Dawson/KCI Team has the knowledge, resources and expertise to bring the project to a successful completion per VDOT requirements outlined in the RFP. We look forward to the next stage of project procurement and continuing to share our experiences with the Department's selection panel. If you have any questions regarding this Statement of Qualification please contact me at your convenience

Respectively submitted,

Mr. Gerry Hargis
Design-Build Project Manager
R.R. Dawson Bridge Company, LLC

TRAVELERS

David A. Walla
Manager
Travelers
Construction Services, Bond

513-639-5342
866-269-4601 (fax)

625 Eden Park Drive, Suite 500
Cincinnati, OH 45202

December 7, 2011

John Daoulas
Virginia Department of Transportation

Re: R.R. Dawson Bridge Co. / I-64 Exit 91 Interchange Improvements – (Contract ID Number C00075877DB47)

Dear Sir or Madam:

It has been the privilege of Travelers Casualty and Surety Company of America ("Travelers") to provide surety bonds for R.R. Dawson Bridge Co. ("Dawson") for 40 years. We have approved bonding projects up to the $75,000,000 single job range and an aggregate program of approximately $125,000,000.

As surety for Dawson, Travelers with A.M. Best Financial Strength Rating of A+ and Financial Size Category XV is capable of obtaining 100% Performance and Payment Bonds in the amount of the anticipated cost of construction, and said bonds would cover the Project and any warranty periods on behalf of Dawson, in the event they are the successful bidder and enter into a contract for this project.

Please note that the decision to issue performance and payment bonds is a matter between Dawson and Travelers, and will be subject to our standard underwriting at the time of the final bond request, which will include but not be limited to the acceptability of the contract documents, bond forms, and financing. We assume no liability to third parties or to you if for any reason we do not execute said bonds.

If you have any questions or need any additional information, please do not hesitate to contact me.

Sincerely,

D Walla

David A. Walla
Travelers Casualty and Surety Company of America

Section 3.3 Offeror's Team Structure

The Design-Build Team will be led by **R.R. Dawson Bridge Company, Inc. (R.R. Dawson)** which will manage, construct, and be responsible to VDOT for the Project located in Fishersville, Augusta County Virginia. R.R. Dawson has selected **KCI Technologies, Inc. (KCI)** to fulfill the role of Lead Designer for the project. The R.R. Dawson/KCI Team have collaborated on the selection of all subconsultants and have carefully considered the needs of the project, past experiences with each proposed subconsultant, and the ability of each teaming partner to respond to the needs of the project.

R.R. Dawson/KCI have considered the qualification of VDOT SWaM and DBE firms when selecting the final team members for this design-build project. Team members Sheladia, Milestone, Racey Engineering and EBA Engineering (EBA) are all VDOT certified SWaM firms. Team members EBA, T3 Design Corporation, and Diversified Property Services are certified DBE firms.

Section 3.3.1 Key Personnel

In addition to the outstanding personal experience noted for each of the Key Personnel, the core leadership group of Key Personnel has a proven history of working together on successful projects. Some examples of these relationships are included below:

- Mr. Gerry Hargis and Mr. Eric Vugteveen have work together as part of a design-build team to provided design and construct of approximately 4.5 miles of rail from the residential areas of Chesapeake and Portsmouth, VA, to the Western Freeway (Route 164/I-664) Median Rail Corridor through Chesapeake and Portsmouth, including a grade-separated bridge structure.
- Mr. Stephen Drumm, PE and Mr. Dhimant Sojitra, PE have worked on managing the ICC Segment B design-build roadway design effort as lead highway and assistant manager for the project. They coordinated design effort for multi-disciplinary team in reviewing the plans and coordinating design with structures, traffic, drainage, erosion sediment controls, SWM and utility relocations.
- Mr. Timothy Morris has served as the environmental manager for Woodrow Wilson Bridge US Route 1 interchange in Alexandria, VA. He worked with VDOT ensuring the impacts to Jones Point Park and Cameron Run were minimized and in compliance with the project permit requirements. This included coordination with R.R. Dawson for the bridge work.

In order to facilitate VDOT's review of the R.R. Dawson Key Personnel, we offer the following table which summarizes our team's experiences in response to the Evaluation Team's Anchors for Key Personnel:

Key personnel	Similar Experience	Accountability & Commitment	Demonstrated Applicability of Experience
	Has the Key Personnel served in similar roles on similar transportation projects?	**Has Key Personnel demonstrated competence & accountability in similar roles?**	**Does Key Personnel's previous experience provide confidence to VDOT?**
Design-Build Project Manager **Gerry Hargis (RRDBC)** Proven R.R. Dawson Team Experience	**YES. Evaluation Criteria Exceeded. Score = 10** Mr. Hargis has served as overall Project Manager for large scale projects including the **Fantasy Harbour Bridge** and the **Commonwealth Railway Relocation projects**. Mr. Hargis also has managed projects in complex settings which required	**YES. Evaluation Criteria Exceeded. Score = 10** Mr. Hargis has over 35 years of experience, all with R.R. Dawson Bridge Company. Mr. Hargis manages a large volume of complex work and has demonstrated accountability and commitment in all of his project assignments as indicated on his Key	**YES. Evaluation Criteria Exceeded. Score = 10** Mr. Hargis has managed large bridge projects in complex settings which required interaction with many stakeholders. Mr. Hargis managed the Woodrow Wilson Bridge / Route 1, Dr. Martin Luther King, Jr. Bridge projects for R.R. Dawson which required constant interaction with

	interaction with many stakeholders for the Woodrow Wilson Bridge / Route 1 and Dr. Martin Luther King, Jr. Bridge projects.	Personnel Resume Form in Appendix D of the SOQ. **As the DBPM for previous design-build projects, Mr. Hargis understands the importance of his role for the proposed project.**	subcontractors, designers, owners, and local property owners. **Both projects were very successful and benefited greatly from Mr. Hargis' leadership.**
Design Manager **Stephen Drumm, PE (KCI)**	**YES. Evaluation Criteria Exceeded. Score = 10** Mr. Drumm has served as the Roadway Design Manager for the **Inter County Connector (ICC),** a $560M design-build project involving design and construction of over six miles of six lane tolled expressway and two interchanges on new alignment; Design Project Manager for the grade separation of MD 355 / Randolph Road Interchange and for the six-lane widening and reconstruction of MD 124 in Montgomery County, MD. These projects had similar traffic congestion and stakeholder concerns as the I-64 project.	**YES. Evaluation Criteria Exceeded. Score = 10** Mr. Drumm has 34 years of experience for similar projects. His design-build experience includes roadway design of single to multi-lane facilities, new multi-phased bridge construction, geotechnical evaluations, traffic management plans, MOT traffic signals, signing and lighting, utility, intersection and permits leading multi-firm teams. **Mr. Drumm understands the responsibilities and commitments for the project as the DM to resolve issues, keep the team and VDOT informed.**	**YES. Evaluation Criteria Exceeded. Score = 10** Mr. Drumm has more than 10 years of demonstrated experience leading design-build contracts for interstate reconstructions and rehabilitation projects including bridge replacements roadway widening, and interchange reconfigurations. Mr. Drumm also brings hands-on design engineering experience for similar interchange projects as indicated on his resume in Appendix D. **Mr. Drumm brings unparalleled expertise in leading multi-firm teams for design–build projects.**
Construction Manager **Norman Owens (RRDBC)** Proven R.R. Dawson Team Experience	**YES. Evaluation Criteria Exceeded. Score = 10** Mr. Owens has served as the Construction Manager for five significant projects as noted on his Key Personnel resume form located in Appendix D. Mr. Owens' experiences are notable and several projects include similar features to that of the proposed I-64 project, including interstate crossings, and complex MOT. He holds ESCCC and will obtain DCR and RLD prior to start of the project.	**YES. Evaluation Criteria Exceeded. Score = 10** Mr. Owens' career spans 41 years, all of which have been at R.R. Dawson Bridge Company. His experience with differing site conditions makes Mr. Owens uniquely qualified to provide construction management for this project. **Mr. Owens' leadership role on the company's most visible projects is a testament to his commitment and ability as a Construction Manager.**	**YES. Evaluation Criteria Exceeded. Score = 10** Mr. Owens brings 41 years of experience and lessons learned from similar projects and roles. Throughout his career, Mr. Owens has routinely overseen the performance of all activities and operations needed to successfully construct the I-64 project. **Mr. Owens has managed the construction of over 50 bridge structures and brings a high level of expertise to the position of Construction Manager for this project.**

Lead Structural Engineer **Eric Vugteveen, PE (Moffatt and Nichol)**	**YES. Evaluation Criteria Exceeded. Score = 10** Mr. Vugteveen has fulfilled similar roles on major VDOT bridge projects starting with the **Danville Bypass** project in 2000 where he was responsible for overseeing the design of four bridges. As shown on his resume, Mr. Vugteveen has also served as M&N's Project Manager and the Lead Structural Engineer for the **Commonwealth Railway Mainline Safety Relocation Project**, a design-build project on which R.R. Dawson constructed the bridge and retaining walls.	**YES. Evaluation Criteria Exceeded. Score = 10** Mr. Vugteveen has a proven history of seeing projects through completion and is committed to the team for this contract. Mr. Vugteveen's commitment to M&N has resulted in his promotion to Richmond Office Manager, where VDOT is the primary client. Mr. Vugteveen has worked on VDOT projects for M&N in Richmond for over 13 years, where M&N has developed a reputation as a go-to bridge design firm. **He has a demonstrated commitment to meeting the challenges of complex bridge design projects.**	**YES. Evaluation Criteria Exceeded. Score = 10** Mr. Vugteveen was in charge of the design for the Franklin Turnpike Bridge over the Danville expressway. The bridge was a two-span continuous steel multi-girder bridge over a bifurcated limited access highway, very similar to the bridge proposed for this project. Recent VDOT design projects have included developing jointless and low maintenance bridge designs. His vast experience in structural design, including design-build projects brings superb knowledge of VDOT design and construction requirements for this project.
Quality Assurance Manager **James Cleveland, PE (EBA)**	**YES. Evaluation Criteria Exceeded. Score = 10** Mr. Cleveland has served as the QAM for the VDOT Region IV Rehabilitation Design Build project which included the Richmond and Fredericksburg Districts. This project included ten individual sites divided between the two districts. Mr. Cleveland is involved with inspector assignments on several District-Wide contracts in Bristol, Salem, NOVA, and Richmond Districts which includes the assurance that all VDOT specifications and procedures are met.	**YES. Evaluation Criteria Exceeded. Score = 10** Mr. Cleveland has over 40 years of experience with similar type projects with VDOT and the last 10 years with the private sector. In his VDOT role as District Construction Engineer, Mr. Cleveland provided QA/QC oversight and management of multi-million dollar projects such as the I-64 HOV Lanes in Norfolk, in addition to many other interstate and urban projects. **He has shown commitment to the success of these projects with staff management of safety, materials testing, project documentation and the QA program (i.e. CQIP).**	**YES. Evaluation Criteria Exceeded. Score = 10** Mr. Cleveland has considerable experience leading similar type projects such as I-64 in Chesapeake, I-664 in Newport News and I-264 in Norfolk. All of these projects had high speed and high traffic volume and were very visible to the public and the local governing authorities. For the successful management of the projects, a detailed MOT plan was prepared to ensure safe traffic flow, a public outreach plan and close coordination with stakeholders. **His vast VDOT experience with construction quality procedures brings a demonstrated value to this project.**

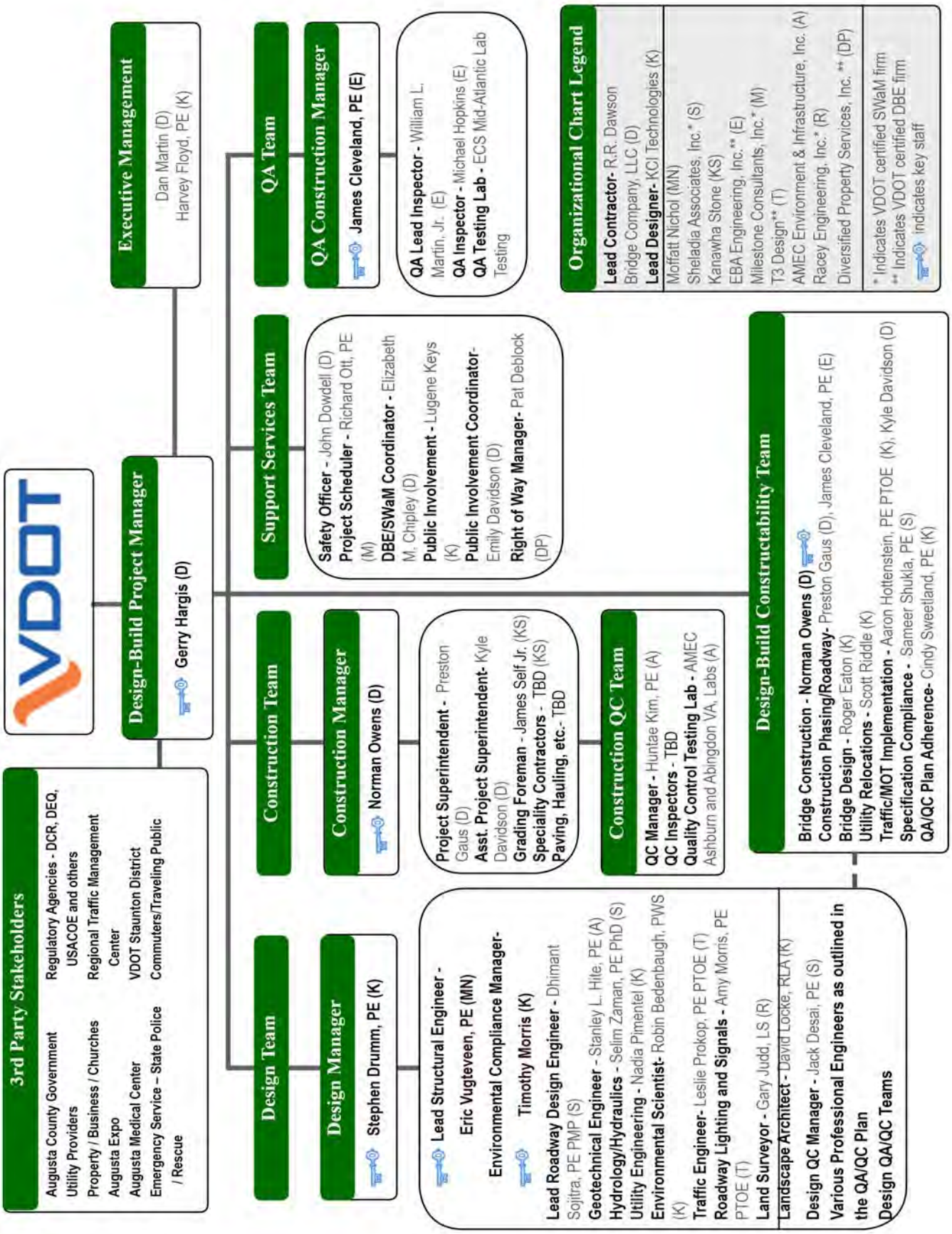
Environmental Compliance Manager	YES. Evaluation Criteria Exceeded. Score = 10	YES. Evaluation Criteria Exceeded. Score = 10	YES. Evaluation Criteria Exceeded. Score = 10
Timothy Morris (KCI)	Mr. Morris has served as an Environmental Compliance Manager on many complex and environmentally sensitive projects and recently he provided these services for the **Woodrow Wilson Bridge Replacement Project**, Telegraph Road and Route 1 Interchange to ensure compliance with environmental permits NEPA compliance and contractual obligations for VDOT. He provided on-site compliance monitoring and oversight on the roadway and structural elements of the projects.	Mr. Morris has five years of experience managing KCI's full delivery mitigation program. These projects are administered by the North Carolina Ecosystem Enhancement Program (EEP). The program mitigates for public and private sector impacts to streams, wetlands and buffers through restoration of properties in appropriate watersheds throughout the State. **Mr. Morris has managed over $10 million of full delivery projects and brings a wealth of experience relative to this project.**	Mr. Morris has 20 years of experience in environmental permitting and compliance management. He is skilled in communicating environmental issues within the context of the VDOT framework and understands the procedures, policies and protocols for associated with these projects. He works alongside the contractor, inspector and engineer to ensure project components are are properly implemented. **He understands the field issues and works to solve problems while meeting permit obligations.**

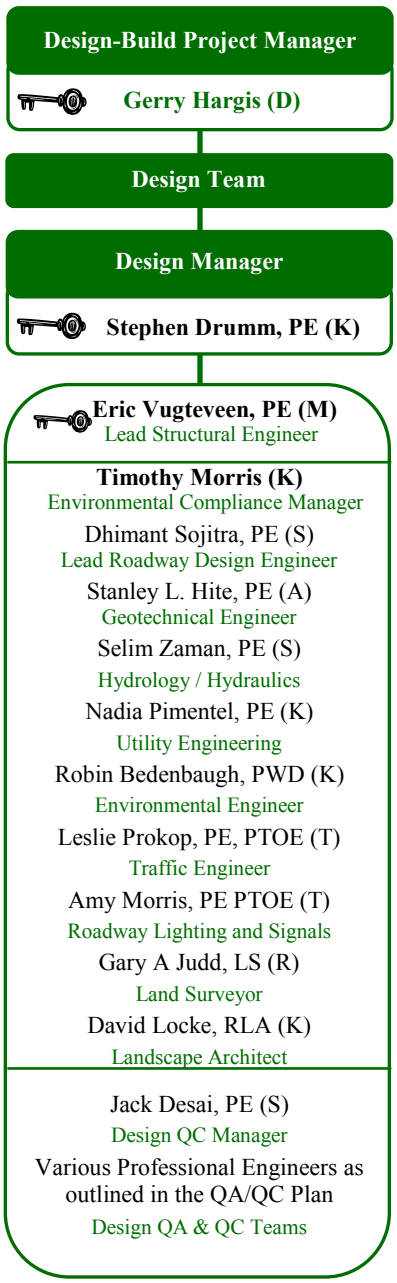
Section 3.3.2 Organizational Chart and Narrative

The R.R. Dawson Team is led by the **Design-Build Project Manager (DBPM), Mr. Gerry Hargis**. Mr. Hargis will serve as the primary point-of-contact for VDOT and will coordinate all project activities. R.R. Dawson has selected KCI Technologies, Inc. to fulfill the role of lead designer for this project. The R.R. Dawson/KCI Team has selected design subconsultants and an experienced roadway subcontractor, Kanawha Stone, to join the team in providing the services necessary to meet the requirements of this project.

Key Person/Role	Responsibility	Reports to	Authority
Gerry Hargis D-B Project Manager	Primary point of contact for VDOT	VDOT	Contract, design, and construction administration, and quality
James Cleveland, PE QA Manager	QA conformance with contract requirements	DBPM	QA program, materials, testing and inspection, and contract conformance
Stephen Drumm, PE Design Manager	Design management, QA/QC program for all disciplines	DBPM	Design management, coordination and conformance, Contract Documents
Norman Owens Construction Manager	Construction Management, QC and contract requirements	DBPM	Construction means and methods, quality control and coordination
Eric Vugteveen, PE Structural Engineer	Structural design of bridge, culverts and other structures	DM	Structural design, demolition requirements, and foundations
Timothy Morris ECM Manager	Environmental commitments for design and construction	DM	Construction impacts for compliance with permit and agency comments

Mr. Hargis will be assisted by three key individuals leading distinct project areas: Mr. Stephen Drumm, PE, Design Manager; Mr. Norman Owens, Construction Manager; and Mr. James Cleveland, PE, Quality Assurance Manager (QAM). Each of the four key components, Design, Construction, Quality Assurance and Support are clearly identified in the following organizational chart and includes the names and chain of command for each are as shown in the following Organizational chart.


VDOT
3rd Party Stakeholders
Augusta County Government
Utility Providers
Property / Business / Churches
Augusta Expo
Augusta Medical Center
Emergency Service – State Police / Rescue
Regulatory Agencies - DCR, DEQ, USACOE and others
Regional Traffic Management Center
VDOT Staunton District
Commuters/Traveling Public
Design-Build Project Manager
Gerry Hargis (D)
Executive Management
Dan Martin (D)
Harvey Floyd, PE (K)
Design Team
Design Manager
Stephen Drumm, PE (K)
Lead Structural Engineer - Eric Vugteveen, PE (MN)
Environmental Compliance Manager- Timothy Morris (K)
Lead Roadway Design Engineer - Dhimant Sojitra, PE PMP (S)
Geotechnical Engineer - Stanley L. Hite, PE (A)
Hydrology/Hydraulics - Selim Zaman, PE PhD (S)
Utility Engineering - Nadia Pimentel (K)
Environmental Scientist- Robin Bedenbaugh, PWS (K)
Traffic Engineer- Leslie Prokop, PE PTOE (T)
Roadway Lighting and Signals - Amy Morris, PE PTOE (T)
Land Surveyor - Gary Judd, LS (R)
Landscape Architect - David Locke, RLA (K)
Design QC Manager - Jack Desai, PE (S)
Various Professional Engineers as outlined in the QA/QC Plan
Design QA/QC Teams
Construction Team
Construction Manager
Norman Owens (D)
Project Superintendent - Preston Gaus (D)
Asst. Project Superintendent- Kyle Davidson (D)
Grading Foreman - James Self Jr. (KS)
Speciality Contractors - TBD (KS)
Paving, Hauling, etc.- TBD
Construction QC Team
QC Manager - Huntae Kim, PE (A)
QC Inspectors - TBD
Quality Control Testing Lab - AMEC Ashburn and Abingdon VA, Labs (A)
Support Services Team
Safety Officer - John Dowdell (D)
Project Scheduler - Richard Ott, PE (M)
DBE/SWaM Coordinator - Elizabeth M. Chipley (D)
Public Involvement - Lugene Keys (K)
Public Involvement Coordinator- Emily Davidson (D)
Right of Way Manager- Pat Deblock (DP)
QA Team
QA Construction Manager
James Cleveland, PE (E)
QA Lead Inspector - William L. Martin, Jr. (E)
QA Inspector - Michael Hopkins (E)
QA Testing Lab - ECS Mid-Atlantic Lab Testing
Design-Build Constructability Team
Bridge Construction - Norman Owens (D)
Construction Phasing/Roadway- Preston Gaus (D), James Cleveland, PE (E)
Bridge Design - Roger Eaton (K)
Utility Relocations - Scott Riddle (K)
Traffic/MOT Implementation - Aaron Hottenstein, PE PTOE (K), Kyle Davidson (D)
Specification Compliance - Sameer Shukla, PE (S)
QA/QC Plan Adherence- Cindy Sweetland, PE (K)
Organizational Chart Legend
Lead Contractor- R.R. Dawson Bridge Company, LLC (D)
Lead Designer- KCI Technologies (K)
Moffatt Nichol (MN)
Sheladia Associates, Inc.* (S)
Kanawha Stone (KS)
EBA Engineering, Inc.** (E)
Milestone Consultants, Inc.* (M)
T3 Design** (T)
AMEC Environment & Infrastructure, Inc. (A)
Racey Engineering, Inc.* (R)
Diversified Property Services, Inc. ** (DP)
* Indicates VDOT certified SWaM firm
** Indicates VDOT certified DBE firm
indicates key staff

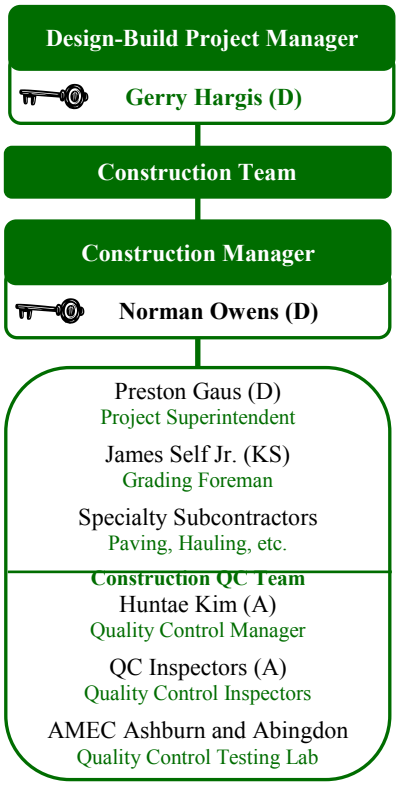


Design Team – Stephen Drumm, PE – Design Manager Reports to DBPM

The Design Manager, Mr. Stephen Drumm, PE, will lead the design phase of the project and report directly to the DBPM. The organizational chart also provides detail to the discipline level within each area where the team has identified discipline leaders. The organizational chart includes design QA and QC functions and the team has designated a QA/QC Manager who will be responsible for monitoring QA and QC reviews ensuring each design element is properly reviewed and documented in accordance with the QA/QC Plan. Design QC will be led by Mr. Jack Desai, PE who will be responsible for developing the design quality plan and ensure all design documents are in conformance with the plan and contract requirements.

Two of the most striking features of the project design are the structural design and traffic engineering components of the project. The team has strategically selected Moffatt and Nichol (M&N) to provide structural engineering services for the project. ***M&N has been designing bridges in Virginia for 15 years, and is currently working on a number of projects in the Staunton District. M&N's local bridge staff boasts over 100 years of combined experience in Virginia, including a number of interchange projects with similarities to the proposed I-64 Interchange Improvements project.***

The team has selected Sheladia Associates for their experience in roadway design, specifically in design-build projects where Dhimant Sojitra, PE provided design team management for the ICC Segment B project. The team has also strategically selected T3 Design to provide traffic signals and lighting design for the project with Leslie Prokop, PE, PTOE to lead this design effort. KCI staff will assist in the development the Transportation Management Plan for maintenance of traffic phasing on the project. Our team recognizes that this project poses a series of challenges that will require design specialists at various stages of the project. These include geotechnical, drainage, utility coordination, surveying, roadway lighting and signal design and the services of a registered Landscape Architect who assist the design team with landscaping features agreeable to the project surroundings.



Construction Team – Norman Owens – Construction Manager Reports to DBPM

The Construction Manager, Mr. Norman Owens, will lead the construction phase of the project, including directing the Quality Control (QC) Team. On the production side, Mr. Owens will be assisted by the Project Superintendent, Mr. Preston Gaus. Mr. Gaus will direct field crews and subcontractors during the construction of the project. R.R. Dawson will subcontract the earthmoving, drainage, environmental, and stormwater activities to Kanawha Stone Corporation (KSC). KSC and R.R. Dawson share a longstanding working relationship and have completed many projects under a similar arrangement. In addition to KSC, R.R. Dawson anticipates utilizing specialty subcontractors to complete a variety of items including installation of traffic control devices, lighting, signals, and other traffic safety items. R.R. Dawson also plans to subcontract asphalt paving operations, hauling, and other miscellaneous items of work. DBE contractors

will be given every consideration for these roles in accordance with R.R. Dawson's DBE commitment as shown in Section 3.2.

Mr. Owens will coordinate the QC Team through a dedicated QC Manager, Mr. Huntae Kim AMEC Environmental and Infrastructure (A). Mr. Kim will direct QC field technicians, direct laboratory testing from AMEC's Ashburn and Abingdon Labs, and oversee the QC testing program. ***Mr. Kim and his field representatives will work closely with the QAM to ensure testing and inspection frequencies are in compliance with the approved QA/QC Manual.***

Construction QA Team – James Cleveland, PE – QAM
Reports to DBPM

The Construction QA Team will be led by the QAM, Mr. James Cleveland, PE from EBA Engineering (E). The QAM will report directly to the DBPM and will be responsible for implementation of the project's QA Program. Mr. Cleveland will oversee the QA Inspectors, the Office Engineer, and will direct the QA Testing Program. He will ensure that all testing frequencies are met and the requirements of the QA/QC Plan are fully implemented throughout construction. Mr. Cleveland will also participate as a member of the design-build constructability team. He will manage William Martin, Jr. lead inspector and Michael Hopkins both from EBA in the quality assurance role with laboratory testing performed by ECS Mid-Atlantic testing (EC). The team has also assigned Timothy Morris the Environmental Compliance Manager a secondary role in Quality Assurance concerning compliance with the project's environmental commitments and reporting through QAM and his teams to make sure any environmental field issues are properly addressed.

Support Services Team – Reports to DBPM
A fourth key team identified in the R.R. Dawson Team includes the Support Services Team, which will include the Safety Officer, Public Involvement Coordinator, Project Scheduler, DBE SWaM Coordinator, and Right of Way Manager.

The R.R. Dawson Team understands that even the best designed, best executed project will be a failure in the event of a serious accident. Mr. Dowdell, Project Safety Officer who reports directly to the DBPM will conduct project-wide safety audits, including development and implementation of the project safety plan as required by the design-build contract.

The R.R. Dawson Team recognizes the importance of public involvement in this challenging project. In recognition of this challenge, the team has identified a Public Involvement Coordinator, Emily Davidson. ***Ms. Davidson has assisted in construction public involvement for RR Dawson on VDOT projects such as the Jefferson Park Avenue project in Charlottesville, VA as well as the Commonwealth Mainline Project in Suffolk, VA.***

The team has dedicated a Project Scheduler, Mr. Richard Ott, PE, who will be responsible for all aspects of CPM scheduling for the project. ***Mr. Ott brings over 20 years of demonstrated CPM scheduling experience and regularly provides such services to R.R. Dawson on numerous transportation projects.***

The team has identified a DBE/SWaM Coordinator, Ms. Elizabeth M. Chipley, who will assist the DBPM with outreach efforts to identify suitable DBE teaming partners, subcontractors, and suppliers at all levels of the supply chain for this project. ***Ms. Chipley brings over six years of demonstrated experience coordinating with DBE and SWaM subcontractors.***

The Team has dedicated a Right of Way Manager, Ms. Patricia Dablock, who will be responsible for right of way (ROW) activities for the project. ***Ms. Dablock brings over 25 years of demonstrated ROW experience and has provided similar services for large transportation projects.*** Several of the team's personnel will interact directly with VDOT and third parties such as Augusta County Medical Center, local business, and the Augusta Expoland center during various phases of the project. The ROW Manager will be

interacting with property owners during the design phase during ROW acquisition. Similarly, the ROW Manager and the Design Manager will work directly with utility providers to assess and coordinate relocation of affected assets. The Design Manager and Environmental Engineer will interact with regulatory agencies and attend the IACM with VDOT staff as needed.

At the project level, the Design Manager, with approval from the DBPM and the VDOT project manager, may interact directly with VDOT Location & Design and Structure & Bridge personnel to facilitate plan reviews, submittals, and design topic meetings. Similarly, the QAM may be in direct communication with VDOT's Independent Assurance (IA) and Independent Verification (IV) teams to coordinate inspections of hold and witness points. The QAM, Construction Manager, or other designated field staff will be in close communication with VDOT's Northwestern Regional Traffic Management Center in Staunton regarding traffic conditions, backups, accidents, or other effects the project may have on motorists.

In order to facilitate VDOT's review of the R.R. Dawson Organizational Chart and Narrative, we offer the following table which summarizes our team's Significant Strengths in response to the Evaluation Team's Evaluation Criteria:

Evaluation Criteria / Anchors	Significant Strengths	Location
Project Leaders, Key Personnel and others are clearly shown and all names match those contained in the Resume Forms for a well-integrated organization through design and construction.	▪ Project Leaders, Key Personnel and others are clearly shown and all names match resume forms. ▪ Experience of additional critical staff members discussed in narrative, i.e. Structure Engineer, Environmental Manager, Traffic Engineer, Geotechnical Engineer, ROW Manager, among others.	Org Chart Page 11 Appendix D
Lines of responsibility and communication are clear and demonstrate a high level of understanding of interfaces with VDOT and third parties.	▪ Responsibilities are clearly shown, structure is functional and efficient. ▪ Third Parties are clearly identified and linked to main branch or organization chart. ▪ Discussion of interface with VDOT in narrative. ▪ Discussion of DM / VDOT L&D relationship in narrative. ▪ R.R. Dawson Team clearly understands all aspects of the necessary project team and the project stakeholders.	Org Chart Page 11 Pages 12 – 14
Supporting effective communication and providing confidence that the project will be delivered in accordance with contract requirements.	▪ All Key Personnel are clearly identified. ▪ All management functions have been addressed. ▪ Design-Build team includes Constructability, QC, and QA teams who will maintain involvement during both design and construction through routine inter-disciplinary meetings. ▪ Formal partnering will be implemented.	Org Chart Page 11 Pages 12 – 14
There is a clear separation between QA and construction as well as a separation between QA and construction QC inspection and testing operations.	▪ QA and QC functions clearly separated for construction. ▪ QA team clearly independent of construction operations. ▪ Separate QA and QC labs have been identified. ▪ Structure of QA and QC teams identified. ▪ Detail of QA team members are presented and includes attention to areas of project risks.	Org Chart Page 11 Pages 13 – 14

Section 3.4 Experience of Offeror's Team

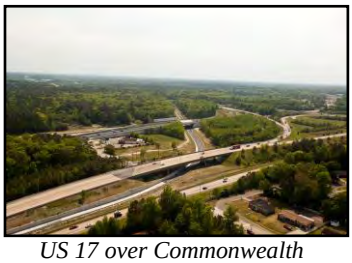
The R.R. Dawson Team is led by R.R. Dawson with support by Lead Designer KCI. Credentials for both firms are included within Section 3.3.1 as requested in the RFQ. The Work History forms for the Lead Contractor and Lead Designer can be found in Appendix E of the SOQ and include sufficient detail to allow the VDOT Evaluation Team to understand the relevant previous experiences of each firm.

3.4.1 Experience of Lead Contractor and Lead Designer

R.R. Dawson Bridge Company, LLC (R.R. Dawson) has been contracting the construction of bridges and heavy civil works throughout the Southeast and mid-Atlantic regions since the late 1930's. Our business experience has covered civil construction works in Virginia, North Carolina, South Carolina, Tennessee, Kentucky, West Virginia, Alabama, Georgia, Indiana, Ohio and Mississippi. ***In 2005, the R.R. Dawson team was awarded the VDOT Statewide Construction Quality Award for our work on the Route 1 Interchange Advance Bridge Contract in Fairfax County. In 2006, the National Partnership for Highway Quality recognized R.R. Dawson for their innovations, practices and teamwork with the Silver Award for Partnering.***

US Route 1 Woodrow Wilson Bridge

R.R. Dawson completed the Commonwealth Railway Mainline Safety Project (CMSP), a design-build project in the Portsmouth-Chesapeake-Suffolk area of Virginia, working alongside lead designer Moffatt & Nichol. This project involved the relocation of CSX Rail to the median of the roadway which allowed the elimination of fourteen grade crossings. The role of R.R. Dawson on this project was to construct a grade-separated bridge and special design sheet pile retaining walls with a concrete cap and gutter. R.R. Dawson was asked to evaluate this original design for a more cost effective approach. R.R. Dawson's revision utilized a plated sheet design with helical anchors which resulted in a savings of $8 million to the project partners including the Commonwealth of Virginia and Commonwealth Railway.



US 17 over Commonwealth

R.R. Dawson also worked very closely with owners and designers on the design build Spotsylvania Parkway Project located in Spotsylvania County, VA. A new structure over I-95 was developed for access linking a Spotsylvania business community to a new hospital. ***R.R. Dawson gained a great deal of understanding for what is involved in constructing a project within limited space and surrounding properties. Communication with business owners was the key to success.***

Spotsylvania Parkway over I-95

On the Spotsylvania Parkway project and Commonwealth Railway project, R.R. Dawson was successful in working closely with the designers to find more cost effective approaches to the project. For example, on Spotsylvania Parkway, R.R. Dawson played a major role in the re-design of the original structure which reduced the length of the bridge from 475 feet to 274 feet. The result was a cost savings of $800,000. The success of this project was directly attributable to the establishment of strong lines of communication between the designer and contractor and the joint effort made by all involved.

KCI Technologies, Inc. (KCI) will serve as the Design Manager providing R.R. Dawson with engineering and construction phase services for this project. With revenues of $124 million in 2010, KCI Technologies is ranked 82nd among the top consulting engineering firms in the country by the Engineering News-Record. Today, the employee-owned, multi-disciplined engineering firm employs approximately 850 people operating in 22 offices in 13 states - Delaware, Florida, Georgia, Indiana, Maryland, New York, North Carolina, Ohio, Pennsylvania, Tennessee, Texas, Virginia, and West Virginia as well as the District of Columbia.

ICC MD 182 Interchange

KCI's professional engineers, planners, scientists, surveyors, construction managers, and support personnel offer technical expertise in civil, structural, transportation, environmental, hazardous waste, mechanical, electrical, telecommunications, and geotechnical; landscape architecture; hydrology; surveying; as well as construction management and inspection. The professional staff is supported by Microstation CADD, Geopak, and GIS experts, and database analysts, programmers, and technicians; as well as state-of-the-art computer, field, and lab equipment. KCI's computer network supports the firm's core production systems, including three-dimensional visualization/animation tools, and project management. We are fully ready to structure our file sharing system to conform to VDOT requirements in collaborating with design files, permits and submissions and the QA/QC process.

KCI has a proven track record of providing transportation engineering design services to various state Departments of Transportation with a focus on providing sound engineering solutions, addressing safety, providing environmental sensitivity, aesthetic quality, and cost savings benefits. KCI has a broad depth of Design-Build and Design-Bid-Build experience with interchange reconfiguration and complex projects similar to this project. We have put together an experienced team of VDOT experienced Highway, Structural, Geotechnical and Traffic engineers to provide the design services for this project. KCI's responsibility will be to manage the design-build process, addressing schedule and design issues and leading the team in for a successful completion of this project. KCI will provide experienced environmental scientists as the ECM for permit development, field reviews and compliance monitoring. KCI's recent experience with environmental management for WWB and the ICC projects demonstrated our expertise and commitment to environmental compliance for assurance the team will meet all permit conditions. All design plans were reviewed to ensure there were no additional impacts to wetlands, stream, 4(f) resources along with reviewing avoidance measures and final permit impacts calculated for mitigation design. During construction, field inspectors reviewed each phase of construction for work beyond the approved LOD, erosion controls were working and water quality of receiving stream met permit standards. Our team brings:

- In-depth knowledge of VDOT requirements, specifications, and standards;
- Local and regional experience performing similar services under design contracts;
- Complete understanding of the project issues and technical requirements; Team of experienced engineers that have worked together on many DOT projects in the region;
- Team experience that results in quality services and products, and a strong communication and coordination process on numerous projects for VDOT;
- Design Manager that has the required management, technical skills, and working relationships to meet the management needs of this project; and
- Design Manager that has proven his ability to produce quality plans and meet challenging schedules.

KCI's projects have been recognized with awards from MDOT, ACEC, ASCE, and several regional professional organizations. ***Most notably, the MD 355 Design-Build with similar size and complexity to this project won the Maryland Quality Initiative Project Excellence Award and ASCE Maryland Outstanding Large Project Award.*** Through team management experience on large complex projects, we find that a diverse team of engineers, technicians and scientists bring a wealth of experience to a project that helps solve key issues and problems. We welcome our SWaM and DBE team members to provide design and support services on this project through the use of teleconference, face to face meetings, and working in team offices. By doing so, we can effectively design and mange this project in accordance with VDOT's requirements and expectations. Each team member will manage their discipline and assignments by reporting to the project manager on a bi-weekly basis to discuss coordination and project issues. The team will meet with VDOT staff to present recommended solutions and concepts for review and concurrence prior to a formal submission. We believe it is important to share our ideas in an open and informal basis such that we obtain the feedback for VDOT and the local stakeholders before our plans are implemented.

Subcontractors

The R.R. Dawson Team has been carefully chosen to provide the necessary expertise to successfully design and construct the I-64/Exit 91 Interchange Improvement project. KCI will lead the design including coordination and review of all subconsultant work for the project.

Kanawha Stone Company (KSC) is a family-owned and diversified construction company. As a well-recognized regional construction company, KSC has performed well more than 500 significant projects during the past 38 years. The company is particularly suited for time-sensitive projects as it maintains an impressive fleet of equipment and resources while focusing on solid project management practices. The company also maintains the capacity to self-perform civil (concrete) work and utility work as needed. KSC projects include federal, state, and city agencies, as well as industrial, commercial, and private corporations

Moffatt and Nichol (M&N) is one of the foremost transportation and maritime planning and engineering firms in the world, with a professional and experienced staff of more than 500 civil, structural, mechanical, electrical, coastal and construction engineers working from 26 offices worldwide. M&N has had more than 15 contracts with VDOT in the last 15 years—many of them consecutive on-call contracts for new bridge design and inspection services—through which the firm has completed more than 60 task orders of new and replacement bridge design, inspection and load rating projects.

For 30 years, **EBA Engineering, Inc. (EBA),** a Virginia Certified SWaM and DBE (003667), has provided professional engineering and management services to a wide variety of satisfied clients in both public and private sectors. EBA's experienced construction management and inspection staff has the flexibility to assign, inspectors, engineers and technicians on short notice to meet schedule deadlines and contain costs. EBA's VDOT-certified construction staff are knowledgeable of VDOT's Road and Bridge Specifications and Standards, Work Area Protection Manual, and administrative procedures.

SHELADIA Associates, Inc. (SHELADIA), a VDOT SWaM business (000362), is a multi-disciplinary engineering firm with extensive experience in the planning, design and construction supervision of civil, transportation, environmental, sanitary, construction, electrical and mechanical engineering projects. Founded in 1974, SHELADIA has been providing professional services to a wide range of government and private clients in the Washington Metropolitan area, including VDOT.

T3 Design Corporation (T3) (formerly T3 Design, P.C.) is a VDOT-certified Woman Business Enterprise (WBE) (652912), and specializes in traffic and Intelligent Transportation Systems (ITS) planning, engineering and design. The firm currently maintains a staff of 16 transportation professionals, the majority of whom are registered Professional Engineers (PEs), and Professional Traffic Operations Engineers (PTOEs). Our team has hands-on experience in Traffic Signal Design; Traffic Data Collection; Traffic Impact Studies/Analysis; Pavement Marking and Signing Design; and Intelligent Transportation Systems.

Racey Engineering, PLLC (Racey) is a privately held Small Business (VA SWaM) and HubZone Engineering and Surveying Company. Established in 2002 from the owners initial company arrangements dating to 1994, the company provides a very diverse and broad program of cost-effective and practical engineering and surveying services to its public and private clients throughout the Commonwealth of Virginia. Racey is a fully licensed and insured Virginia Professional Engineering and Surveying Company and is managed by multi-disciplined, licensed Professionals that come from diverse backgrounds in Civil, Structural, Mechanical, Plumbing, Construction Engineering, Project Management, Inspection, Surveying, GPS and Mapping.

AMEC Environment & Infrastructure, Inc. (AMEC) is an industry leader in engineering, geotechnical, construction materials testing, environmental and management consulting

services. AMEC's geotechnical engineers have completed thousands of geotechnical projects in Virginia for multi-million dollar transportation projects. Our notable recent transportation projects include Rt. 460 Connector – Phase I, I-495 widening (HOT lanes), VA Route 28 Corridor Improvements, and ICC Contract C. Services have also included construction materials inspection and testing services on a majority of projects in the area. AMEC's drilling services team is experienced in maintenance of traffic (MOT), local permitting requirements, and remote access/all-terrain drilling.

Diversified Property Services, Inc. (DPS), a certified DBE (626679), offers a comprehensive, coordinated approach to right of way projects. The DPS team consists of twenty-eight (28) professionals including ROW agents, relocation agents, technicians, appraisers, appraisers, title agents, attorneys and managers. DPS has been involved in right of way projects as part of a "team approach" supplying specific services and staff people to assist in project completion.

Milestone Consultants, Inc. (Milestone) serves the construction industry exclusively by providing consulting services and developing "solutions" that address the particular needs of the construction industry. The firm's core services are Claims Preparation and Analysis, Schedule and Time Impact Analysis, Litigation Support, Project Management Consulting, CPM and Linear Scheduling, and Project Schedule and Cost Control.

The following table which summarizes our team's Significant Strengths in response to the Evaluation Criteria:

Evaluation Criteria	R.R. Dawson Team Significant Strengths
Extent to which the Offer and Team members have experience in successfully delivering the project	▪ M&N was chosen as primary subconsultant for design based on previous design-build experience with R.R. Dawson on complex structural projects, and bring extensive in-house VDOT structural design experience. ▪ KCI and Sheladia key staff participated in a daily working relationship on ICC Segment B (project office for 12 months) and have VDOT design experience. ▪ AMEC (d.b.a. MACTEC Engineering and Consulting, Inc.), a respected Virginia geotechnical engineering firm, has been selected to provide subsurface drilling and prepare foundation and pavement recommendations. ▪ EBA was chosen for QA management based on past relationships with Dawson and experience with quality assurance management and lab testing. ▪ T3 works with KCI and brings documented VDOT traffic design experience. ▪ DPS works with KCI and has VDOT right-of-way design-build experience. ▪ Racey Engineering has VDOT project experience in survey and engineering within the Staunton District.
Applicability of the work and lessons learned	▪ KCI has extensive design-build experience with interstate and interchange projects managing multi-firm teams. ▪ M&N brings proven VDOT bridge design experience, including strong consultant performance evaluation. ▪ AMEC brings the deepest, most knowledgeable local staff with respect to field sampling and QC testing for the project. ▪ DPS brings proven experience providing similar services for the Rt. 28 PPTA. ▪ KSC (roadway grading, drainage) compliments R.R. Dawson's strength (bridges) and key personnel have long standing personal relationships.
Demonstrate well integrated organization	▪ Our organization is well integrated with clear roles responsibilities lines of authority and reporting structure for decisions and urgent matters. ▪ R.R. Dawson and KSC share current teaming relationship on similar projects requiring bridge & grade components. ▪ Partners were selected to fill specific areas of expertise and were selected based on past relationships with one or more team members. ▪ Many of the team members have overlapping capabilities for second opinions on critical issues.

3.5 Critical Risks and Risk Mitigation

The R.R. Dawson/KCI Team considers any risk that would constrain the project progress, increase its cost or impede achievement of its objective must be either eliminated or mitigated by proper planning. The DBPM understands that a successful project completion means ***on time and within budget delivery of the project to end user in a safe manner***. Our project approach rests on anticipating issues and mitigating them through well-developed project integration, scope, schedule, cost, quality, human resources, communication and risk management strategy. Project planning will consider all known risks and our experience will permit us to respond effectively to these risks as they arise, the three most relevant and critical risks are: Schedule, Traffic and Constructability/Design Risk. The following chart outlines the risk, VDOT's anticipated role in assisting the team in mitigation and our approach for management and mitigation:

Critical Risk	Mitigation/Solutions
Schedule Slippage This risk outlines all of the items that may impact the design and construction schedule, including; permits, utilities, right of way, weather, or approvals. **Anticipated role of VDOT or other Agencies in addressing these risks** Facilitate Third Party communications, with Agencies, Utilities, Stakeholders; provide "over the shoulder reviews" and feedback and concerns on design and construction issues.	▪ Validate existing information, design assumptions, and acceptable standards and criteria at project initiation stage and obtain approval from VDOT prior to any initiating design work. ▪ Develop a communication management plan describing multi-directional communications channels, feedback and follow through on issues. ▪ Create Work Breakdown Structure to integrate all project functions design through construction into the Project Schedule. ▪ Develop and monitor a risk control register with a prepared response plan. ▪ Develop and maintain a permit contact and requirements database. ▪ Develop and maintain a right-of-way acquisition database. ▪ Early Agency dialogue USACOE, VDCR, VMRC and DEQ. ▪ Diligently file VDOT form EQ-429 (Project Early Notification). ▪ Provide utility owner design assistance to speed up utility relocation if necessary and Coordinate utility outages with business, churches and community in advance to avoid peak period impacts. **Unseasonably wet weather impacts may be reduced by:** ▪ Being prepared to work extended hours and extra shifts to take advantage of dry weather opportunities. Nights and weekends may be necessary. Disciplined monitoring of the schedule will identify opportunities to advance the schedule. ▪ Finishing slopes, ditches, and drainage structures immediately as work is constructed and establishment of final stabilization measures. ▪ Place stone/pavement immediately after preparation of the grade to minimize effects of rain on the subgrade.
Traffic Management This risk addresses the existing and proposed traffic congestion, emergency vehicles to and from the medical center, access to the business and churches, interstate closures and Augusta Expoland events. **Anticipated role of VDOT or other Agencies in addressing these risks** Facilitate, coordinate	▪ Develop comprehensive safety plans to incorporate construction crews and traveling public. ▪ Simplify construction phasing; channelize traffic for each phase with minimum lane shifting to mitigate driver confusion and accident potential. ▪ Minimize daily lane closures by utilizing temporary pavement structures where phasing allows. ▪ Perform plan constructability review to ensure that the designed MOT Plans are effective for all construction activities. ▪ Variable Message signs to inform public of pending events or delays. **Maintaining Business, Church, Augusta Expoland Access** ▪ Identify all businesses impacted by the work and establish direct points of contact, coordinate with VDOT District Office of Public Affairs. ▪ Invite and include all business to become members Business Access Team. ▪ Regularly schedule meetings with members to discuss work plans well in advance of implementation to ensure good communication. ▪ Develop effective public involvement. Disseminate notices of traffic pattern changes to members and include detailed routing plans and have State Police

and balance conflicting needs between stakeholders, act as independent advisor, and work with state police to improve MOT safety.	monitoring speed and traffic. ▪ Identify all Emergency Services impacted by the work zone. ▪ Invite and include all services to be part of an Emergency Response team. ▪ Develop and train a Project Emergency Response team to enact emergency traffic controls/patterns during an emergency. ▪ Plan construction activities ahead of time to make sure approved flaggers are available when needed.
Constructability/ Design Risk This risk addresses the design issues for soil investigations for foundations, pavements; environmental impacts and monitoring, permit, Historic church / SHPO coordination; and construction risks for material quality control, poor soils, weather, utility conflicts, and phasing. **Anticipated role of VDOT or other Agencies in addressing these risks** Partnering expertise and feedback on alternative concepts, attending meetings, clarifications on contract requirement, feedback on design and construction process.	▪ Provide additional geotechnical drilling exploration as well as a geo-physical survey to fully evaluate the rock conditions of the project site. ▪ Prepare a risk mitigation plan to address the apparent Ordovician Martinsburg Black Slate having variable joint/bedding angles, thin bedding, and an irregular surface to include alternative foundation elements, pre-drilled H-Piles, rock socketed H-Piles, or drilled shafts. ▪ Prepare rock removal alternatives such as rippability, use of hoe-ram, and blasting. ▪ Provide exhaustive QC and QA reviews that address wetland impacts mitigation, ADA ramps and sidewalks, intersection and entrance details. ▪ Analyze construction acceleration alternatives to produce opportunities to save cost and time, using a strong constructability team by maintaining open lines of communication with all parties involved through the life of the project. ▪ Hold weekly design team meetings with all parties, construction team schedule development input, weekly construction team meetings with three-week look-ahead schedules, monthly utility provider meetings, and the utilization of a public involvement coordinator. ▪ Interdisciplinary coordination via meetings, conference calls, e-mail and video conference. ▪ Provide Constructability Reviews and actively engage the Construction Team. ▪ Identify acceptable context sensitive solutions such as Low Impact Development Techniques at the project initiation stage.

Managing the Project and Design/Construction Processes

The success of the I-64 Exit 91 Interchange Improvements project will ultimately depend on the ability of the design-builder to forecast their plan to design and construct the project (baseline schedule), monitor their plan (schedule updates), and react to changes to the plan throughout the course of the project (schedule revision, recovery plans). The R.R. Dawson/KCI Team brings to VDOT proven managers that have demonstrated experience managing projects of similar size, scope and complexity.

A unique approach that the team will employ for this project is the development of a design and construction backup plan for each critical project operation. The team will dedicate a portion of each team meeting, conference call, or planning session to address risk assessment where each participant is tasked with looking at "what if" scenarios and advising team management regarding potential options to recover the project schedule in the event those scenarios develop. More specifically, activities, materials, crews, and processes associated with schedule activities defined as part of the critical path will be examined closely for alternative methods of construction, resource availability, or suppliers.

Lastly, in order to promote accountability and integrity, the team has identified an independent Quality Assurance Manager (QAM) to ensure the project is being built, inspected, properly documented and meets all VDOT requirements. The independent QAM will be included in the planning and design phases of the project to allow for input on quality and contract requirement issues before the project goes to the field. With his qualifications and years of experience, he can provide valuable input to assess and mitigate risk while maintaining safety, schedule and budget.

ATTACHMENT 3.1.2

0064-007-111, P101, R201, C501, B627

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 20-page limit?	SOQ Page Reference
Statement of Qualifications Checklist and Contents	Attachment 3.1.2	Section 3.1.2	no	21-23
Acknowledgement of RFQ, Revision and/or Addenda	Attachment 2.10 (Form C-78-RFQ)	Section 2.10	no	24
Letter of Submittal (on Offeror's letterhead)				
Offeror's point of contact information	NA	Section 3.2.1	yes	1
Authorized Representative's signature	NA	Section 3.2.1	yes	5
Principal officer information	NA	Section 3.2.2	yes	2
Offeror's Corporate Structure	NA	Section 3.2.3	yes	2
Affiliated/subsidiary companies	NA	Section 3.2.4	yes	2
Debarment forms	Attachment 3.2.5(a) Attachment 3.2.5(b)	Section 3.2.5	no	25-35
Offeror's VDOT prequalification evidence	NA	Section 3.2.6	no	48
Evidence of obtaining bonding	NA	Section 3.2.7	yes	6
Professional Services Evidence				
Full size copies of SCC and DPOR registration documentation (appendix)	NA	Section 3.2.8	no	49-79

ATTACHMENT 3.1.2

0064-007-111, P101, R201, C501, B627

STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 20-page limit?	SOQ Page Reference
SCC Registration	NA	Section 3.2.8.1	yes	2-3
DPOR Registration (Offices)	NA	Section 3.2.8.2	yes	3-4
DPOR Registration (Key Personnel)	NA	Section 3.2.8.3	yes	4
DPOR Registration (Non-APELSCIDLA)	NA	Section 3.2.8.4	yes	5
DBE statement within Letter of Submittal confirming Offeror is committed to achieving the required DBE goal	NA	Section 3.2.9	yes	5
Offeror's Team Structure				
Identity of and qualifications of Key Personnel	NA	Section 3.3.1	yes	7-10
Key Personnel Resume – DB Project Manager	Attachment 3.3.1	Section 3.3.1.1	no	36
Key Personnel Resume – Quality Assurance Manager	Attachment 3.3.1	Section 3.3.1.2	no	37
Key Personnel Resume – Design Manager	Attachment 3.3.1	Section 3.3.1.3	no	38
Key Personnel Resume – Construction Manager	Attachment 3.3.1	Section 3.3.1.4	no	39
Key Personnel Resume – Lead Structural Engineer	Attachment 3.3.1	Section 3.3.1.5	no	40
Key Personnel Resume – Environmental Manager	Attachment 3.3.1	Section 3.3.1.6	no	41
Organizational chart	NA	Section 3.3.2	yes	11
Organizational chart narrative	NA	Section 3.3.2	yes	10-14
Experience of Offeror's Team				
Lead Contractor Work History Form	Attachment 3.4.1(a)	Section 3.4	no	42-44

ATTACHMENT 3.1.2

0064-007-111, P101, R201, C501, B627

STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 20-page limit?	SOQ Page Reference
Lead Designer Work History Form	Attachment 3.4.1(b)	Section 3.4	no	45-47
Project Risk				
Identify and discuss three critical risks for the Project	NA	Section 3.5.1	yes	19-20

ATTACHMENT 2.10

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

RFQ NO. C00075877DB47

PROJECT NO.: 0064-007-111, P101, R-201, C-501, B-627

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 11/03/2011
   (Date)
2. Cover letter of _____
   (Date)
3. Cover letter of _____
   (Date)

SIGNATURE

01/06/2012
DATE

ATTACHMENT NO. 3.2.5(a)

CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS

Project No.: 0064-007-111, P101, R-201, C-501, B-627

1) The prospective primary participant certifies to the best of its knowledge and belief, that it and its principals:

a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency.

b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; and have not been convicted of any violations of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification, or destruction of records, making false statements, or receiving stolen property;

c) Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph 1) b) of this certification; and

d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

2) Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

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

Guy Haugis 01/06/2012 AREA MANAGER

Signature Date Title

R. R. DAWSON BRIDGE CO., LLC

Name of Firm

ATTACHMENT NO. 3.2.5(b)

CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0064-007-111, P101, R-201, C-501, B-627

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

2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

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

Howard M. Jenkins 12/21/11 VICE-PRESIDENT
Signature Date Title

KANAWHA STONE COMPANY, INC.
Name of Firm

ATTACHMENT NO. 3.2.5(b)

CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0064-007-111, P101, R-201, C-501, B-627

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

2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

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

January 4, 2011 — Executive Vice President

Signature — Date — Title

KCI Technologies, Inc.

Name of Firm

ATTACHMENT NO. 3.2.5(b)

CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0064-007-111, P101, R-201, C-501, B-627

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

2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

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

	December 1, 2011	Vice President
Signature	Date	Title

Moffatt & Nichol

Name of Firm

ATTACHMENT NO. 3.2.5(b)

CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0064-007-111, P101, R-201, C-501, B-627

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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.

Kimal Gangopadhyay 12/15/11 — First Executive Vice President

Signature Date — Title

EBA Engineering, Inc. (EBA)

Name of Firm

ATTACHMENT NO. 3.2.5(b)

CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0064-007-111, P101, R-201, C-501, B-627

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2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

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

12/5/11 chairman

Signature Date (Pravin N. Sheladia) Title

Sheladia Associates, Inc.

Name of Firm

ATTACHMENT NO. 3.2.5 (b)

CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No: 0064-007-111, P101, R-201, C-501, B-627

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2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

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

Leslie J. Prokop	December 15, 2011	Vice President
Signature	Date	Title

T3 Design Corporation
Name of Firm

ATTACHMENT NO. 3.2.5(b)

CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0064-007-111, P101, R-201, C-501, B-627

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2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

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

	12/07/2011	Principal
Signature	Date	Title

Racey Engineering, PLLC
Name of Firm

ATTACHMENT NO. 3.2.5(b)

CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0064-007-111, P101, R-201, C-501, B-627

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2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

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

12/6/2011 OFFICE MANAGER

Signature Date Title

AMEC ENVIRONMENT & INFRASTRUCTURE, INC.

Name of Firm

ATTACHMENT NO. 3.2.5(b)

CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0064-007-111, P101, R-201, C-501, B-627

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

2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

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

Richard Witt 12-19-11 PRESIDENT

Signature Date Title

MILESTONE CONSULTANTS, INC.

Name of Firm

ATTACHMENT NO. 3.2.5(b)

CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0064-007-111, P101, R-201, C-501, B-627

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

2) Where the prospective lower tier participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to this proposal.

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

Patricia E. Dablock 12/21/11 President

Signature Date Title

Diversified Property Services, Inc.

Name of Firm

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.

a. Name & Title: **Gerry Hargis, Area Manager**

b. Project Assignment: **Design-Build Project Manager**

c. Name of Firm with which you are now associated: **R.R. Dawson Bridge Co., LLC**

d. Years experience: With this Firm **35** Years With Other Firms **0** 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.): **R.R. Dawson Bridge Co., LLC, Area Manager/Project Manager; 1977-Present:** As Area Manager, Mr. Hargis is responsible for overall management of the company's operations in Virginia and South Carolina. Mr. Hargis is actively involved in procurement of work, negotiating contracts with and selecting suppliers and subcontractors for specific projects, scheduling, crew and equipment assignments, managing supervisors in the field and personnel in the division offices, day to day operations of projects in coordination with project managers, field superintendents and safety personnel, and works directly with VDOT and other agencies and owners during the prosecution of work. Mr. Hargis has 30 years of experience working on VDOT projects. He has worked as project superintendent in the field on several high profile and complex VDOT projects: I-64 HOV lanes, Fairfax County Parkway, Campostella Road Connector, Rte 1 Interchange Woodrow Wilson Advance Project.

e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: **Morehead State University, Morehead, KY/BS/1972/Business Management**

f. Active Registration: Year First Registered/ Discipline/VA Registration #: **N/A**

g. Document the extent and depth of your experience and qualifications relevant to the Project.

1. *Note your specific responsibilities and authorities for each assignment, not those of the firm.*
2. *Note whether experience is with current firm or with other firm.*
3. *Provide beginning and end dates for each assignment.*

(List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)

Jefferson Park Avenue Bridge Replacement, Charlottesville, VA, (2010 - On-going). Area Project Manager, R.R. Dawson Bridge Co., LLC. Mr. Hargis is currently responsible for the overall management of the replacement of the Jefferson Park Avenue Bridge which spans Norfolk Southern Railroad tracks. The project involves replacing the current structure with a new 67 foot wide structure to include bike lanes and pedestrian walkways and allow for emergency vehicle traffic. He is providing oversight to the scheduling and performance of subcontractors and suppliers as well as coordination with local businesses.

Route 94 Bridge Replacement over the New River, Grayson County (Galax), VA, (2010 - 2011). Area Project Manager, R.R. Dawson Bridge Co., LLC. Mr. Hargis was responsible for the overall management of the emergency bridge replacement on Route 94 spanning the New River in Galax, VA. The original bridge was closed due to extensive collision damage and the new bridge consisted of a 960 foot 6 span continuous plate girder superstructure. He provided oversight to the aggressive schedule and coordinated with VDOT to finish the project months ahead of the completion date.

Spotsylvania Parkway Bridge over I-95, Fredericksburg, VA, (2009 - 2010). Area Project Manager, R.R. Dawson Bridge Co., LLC. Mr. Hargis was responsible for the overall management of the design-build project with Silver Companies and Henderson Contracting for the construction of a new 274-foot mainline structure over I-95 at Cosner's Corner, including 53" Prestressed Concrete Bulb Tee Spans of 107'-60'-107'. He is providing oversight to the scheduling and performance of subcontractors and suppliers.

Commonwealth Railway Mainline Relocation, Portsmouth, Chesapeake and Suffolk, VA, (2007 - 2009). Area Project Manager, R.R. Dawson Bridge Co., LLC. Mr. Hargis was responsible for the overall management of the construction of a new steel girder bridge carrying US Route 17 over Commonwealth Railway, as well as multiple tie-back retaining walls in the median of I-664 and Highway 164. This was a design-build project with Branscome, Inc. He provided oversight of scheduling and performance of subcontractors and suppliers, as well as coordination with Branscome, Inc. and Virginia Port Authority.

Woodrow Wilson Bridge Project Route 1 Interchange Advanced Bridges, Alexandria, VA, (2003 - 2005). Area Project Manager, R.R. Dawson Bridge Co., LLC. Mr. Hargis was responsible for overall management of this contract, which included the construction of 11 major structures in 24 months, including curved steel girder bridges over the environmentally-sensitive Cameron Run. He provided oversight to scheduling and performance of numerous subcontractors and suppliers, as well as all interface with VDOT, Consultant engineers and permitting agencies on a daily basis on this critical, fast-track project.

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.

a. Name & Title: **James Cleveland, PE, Senior Construction Manager**

b. Project Assignment: **Quality Assurance Manager**

c. Name of Firm with which you are now associated: **EBA Engineering, Inc.**

d. Years experience: With this Firm **5** Years With Other Firms **43** 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.): ***EBA Engineering, Inc, Senior Construction Manager; 2007- Present:*** As Senior Construction Manager, Mr. Cleveland is responsible for coordinating inspection services for Virginia, including assigning and supervising inspectors on projects in the Richmond District, NOVA District Maintenance Contracts, and the Bristol District. Mr. Cleveland was the QAM for the Design Build Region 4 Bridge Rehabilitation Contract. Responsibilities included oversight of inspection activities to ensure that contract specifications were met and that a quality product was obtained.

Wilbur Smith Associates, Assistant Director of Construction engineering and Inspection Services; 2002-2007: Mr. Cleveland assisted with the direction of construction engineering and inspection services for Virginia and West Virginia CEI operations. Responsibilities included primary client interface, quality assurance of WSA's services and staffing of assignments. During this period, he served as Quality Assurance Manager on the multi-million dollar Route 199 design-build VDOT project in Williamsburg, VA, which consisted of roadway, bridge, curbs and gutters, and drainage.

Virginia Department of Transportation, Administrator; 1995-2002: Mr. Cleveland provided construction management, administration and Engineering for the Hampton Roads District. Responsible for District-wide strategic planning, direction, coordination and administration of activities in nine counties and nine cities, that included four underwater tunnels and numerous bridges. Also responsible for public involvement that included numerous presentations to citizen groups and municipalities. Responsible for staff of 1,400 employees.

e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: **Virginia Tech, Blacksburg, VA/BS/1960/Civil Engineering; VDOT Management Seminars, 1970, 1983; National Highway & Transportation Management Program, 1986; VDOT Executive Institute, 1989.**

Active Registration: Year First Registered/ Discipline/VA Registration #: **1991/Professional Engineer/0402 022124**

f. Document the extent and depth of your experience and qualifications relevant to the Project.

1. *Note your specific responsibilities and authorities for each assignment, not those of the firm.*
2. *Note whether experience is with current firm or with other firm.*
3. *Provide beginning and end dates for each assignment.*

(List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.

Multiple Bridge Rehabilitation Projects, Region 4, Fredericksburg and Richmond Districts, VA (2009 – On-going). Quality Assurance Manager, EBA Engineering, Inc. During the rehabilitation of ten bridges, Mr. Cleveland was responsible for monitoring the contractor's construction Quality Control and the QA inspectors testing to assure compliance with VDOT's Guidelines for QA/QC on Design Build Projects.

Route 17 George P. Coleman Bridge, VA (1993-1996). Quality Assurance Manager, Virginia Department of Transportation. Mr. Cleveland was the quality assurance manager for this project which the removal of the existing superstructure by flotation and replaced with a wider superstructure that included railing, lighting, and other amenities, which were constructed off-site. He provided over-sight for quality, gave technical advice to the on-site inspector, reviewed project weekly to ensure VDOT specifications were being followed, and monthly certified to VDOT that the work covered by the Application for Payment was in accordance with the Contract Documents. Mr. Cleveland also conducted the final inspection for each location and certified that all punch-out list items had been satisfied.

I-664 Underwater Tunnel (Monitor-Merrimac Bridge-Tunnel), Newport News and the City of Chesapeake, VA (1987 -1992). Quality Assurance Manager, Virginia Department of Transportation. Mr. Cleveland provided oversight supervision for tunnel and the 16 miles of approach roadway, which included bridges and interchanges in Newport News and the City of Chesapeake. Included concrete roadway, drainage, and landscaping. The underwater tunnel included electrical, ventilation, and ITS for traffic control.

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.

a. Name & Title: **Stephen Drumm, PE, Vice President/Project Manager**

b. Project Assignment: **Design Manager**

c. Name of Firm with which you are now associated: **KCI Technologies, Inc.**

d. Years experience: With this Firm **16** Years With Other Firms **18** 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.): ***KCI Technologies, Inc., Vice President, Project Manager; 1994- Present:*** Mr. Drumm has extensive experience in all aspects of highway design including design-build projects. His responsibilities include managing a design team comprised of design disciplines from KCI and various firms (including DBE) providing task assignments for the project. He manages the design through regular team meeting, coordinating with the client, and providing quality control reviews of all work. He then prepares the monthly invoice, progress reports, staff assignments, budget and schedule monitoring, and general technical oversight. Management is continued through construction, by attending partnering meeting and resolving field issues

e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: **University of Lowell, Lowell, MA/BS/1978/Civil Engineering**

f. Active Registration: Year First Registered/ Discipline/VA Registration #: **2008/Professional Engineer/0402 044936**

g. Document the extent and depth of your experience and qualifications relevant to the Project.

1. *Note your specific responsibilities and authorities for each assignment, not those of the firm.*
2. *Note whether experience is with current firm or with other firm.*
3. *Provide beginning and end dates for each assignment.*

(List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)

Intercounty Connector (ICC) Design-Build, Section B, SHA, Montgomery County, MD (2008 - 2011). Roadway Design Lead Manager/Engineer, KCI Technologies, Inc. Mr. Drumm lead roadway design manager for this $560M project involving the design and construction of an environmentally-sensitive seven-mile section of a new controlled access, six-lane tolled highway with two interchanges (MD 182, MD 650); interchange and intersection configuration including a temporary connection at MD 28; design for a single-point urban interchange at MD 650; 10 total bridges (over waterways/over ICC); 21 noise walls and 10 retaining walls. Mr. Drumm managed the roadway design for conformance with AASHTO and ICC contract requirements, and coordinated the design progress with weekly team meetings with the GEC staff to address design issues and provided updates on the project schedule for design submissions. Responsible for roadway design management of the team, quality control reviews, coordination between disciplines and schedule.

MD 355 Design-Build, Old Georgetown Road/Chapman Avenue, Phase 1, SHA, Bethesda, MD (2008 - 2010)). Project Manager, KCI Technologies, Inc. Mr. Drumm managed design for this $26M project involving design and construction of a grade separated interchange for MD 355, over a new roadway connection from Randolph Road to Montrose Parkway. Design included a multi-phased MOT detour road for MD 355; a 150 foot long single span bridge; temporary and final signal design for local roads, intersections and interchange; and drainage design for new outfall and three SWM facilities with multi-phased E&SC. Responsible for design management of the team, quality control reviews and schedule.

MD 124 Design-Build, South of Airpark Road to Rosewood Manor Lane, SHA, Montgomery County, MD (2007-2010). Project Manager, KCI Technologies, Inc. Mr. Drumm provided design management for this $30M project involving the six-lane widening of 1.6 miles of MD 124 to improve congestion, safety and pedestrian access along this commercial and residential corridor. His responsibilities included conducting bi-weekly review meetings to address schedule, construction phasing, utility relocation and MDE permitting issues. Responsible for design management of the team, quality control reviews and schedule.

I-95/I-495/MD 210 Interchange Reconstruction, SHA, Oxon Hill, MD (1998 - 2007). Project Manager, KCI Technologies, Inc. Mr. Drumm managed the design for this $150M project, which included highway; geotechnical; traffic, signing, and ITS; drainage; ES&C; SWM; survey and R/W plats; structural design for five bridges, noise and retaining walls; environmental permits; and landscaping. Design included widening /reconstruction of I-95 to provide HOV, express, and local traffic lanes; MD 210 widening interchange reconfiguration; a grade separation interchange for Oxon Hill Road. Key challenges included development for four construction contracts, complex MOT plans for maintaining traffic, replacement of the MD 210 Bridge over I-95/I-495, phased SWM and ES&C permits and coordination with I-295 contract. Responsible for design management of the team, quality control reviews and schedule.

I-95/MD 24 Interchange Improvements, MDTA, Harford County, MD (2004 - 2011). Project Manager, KCI Technologies, Inc. Mr. Drumm managed this this $37M project involving the preliminary and final design for interchange improvements of the I-95 MD 24 interchange and a grade separation for the MD 24 and MD 924 intersection to address high volumes of NB traffic exiting to WB MD 24 and to create a grade-separated interchange at the MD 24/MD 924 intersection. He provided project management and technical oversight for highway, structures, geotechnical, drainage, ES&C, SWM, traffic signals, signing, lighting, pavement marking, utility relocations for water and gas lines, surveys, R/W plats and acquisitions. Responsible for design management of the team, quality control reviews and schedule.

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.

a. Name & Title: **Norman Owens, Area Superintendent**

b. Project Assignment: **Construction Manager**

c. Name of Firm with which you are now associated: **R.R. Dawson Bridge Co., LLC**

d. Years experience: With this Firm **41** Years With Other Firms **0** 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.): ***R.R. Dawson Bridge Co., LLC, Area Superintendent; 1970-Present***: As Area Superintendent, Mr. Owens is responsible for management of construction operations in Virginia and South Carolina. Mr. Owens oversees the project superintendents and assists the Area Manager in scheduling, crew and equipment assignments, managing supervisors in the field and day to day construction operations, and works directly with VDOT and other agencies and owners during the prosecution of work. Mr. Owens has 30 years of experience working on VDOT projects. He has worked as project superintendent in the field on several high profile and complex VDOT projects: I-64 HOV lanes, Fairfax County Parkway, Campostella Road Connector, Rte 1 Interchange Woodrow Wilson Advance Project. Mr. Owens holds a current VDOT Erosion & Sediment Control Contractor Certification and intends to obtain the DCR Responsible Land Disturber (RLD) Certification.

e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: **Livingston High School, Livingston, KY/BS/1972/Business Management**

f. Active Registration: Year First Registered/ Discipline/VA Registration #: **N/A**

g. Document the extent and depth of your experience and qualifications relevant to the Project.

1. *Note your specific responsibilities and authorities for each assignment, not those of the firm.*
2. *Note whether experience is with current firm or with other firm.*
3. *Provide beginning and end dates for each assignment.*

(List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)

Jefferson Park Avenue Bridge Replacement, Charlottesville, VA, (2010 - On-going). Construction Manager, R.R. Dawson Bridge Co., LLC. Mr. Owens is currently responsible for the construction management of the replacement of the Jefferson Park Avenue Bridge which spans Norfolk Southern Railroad tracks. The project involves replacing the current structure with a new 67 foot wide structure to include bike lanes and pedestrian walkways and allow for emergency vehicle traffic. He is providing oversight to the project superintendent of construction operations and manages the work on all area work for R.R. Dawson Bridge Co., LLC.

Route 94 Bridge Replacement over the New River, Grayson County (Galax), VA (2010 - 2011). Construction Manager, R.R. Dawson Bridge Co., LLC. Mr. Owens was responsible for the construction management of the emergency bridge replacement on Route 94 spanning the New River in Galax, VA. The original bridge was closed due to extensive collision damage and the new bridge consisted of a 960 foot 6 span continuous plate girder superstructure. He is providing oversight to the project superintendent of construction operations and manages the work on all area work for R.R. Dawson Bridge Co., LLC.

Spotsylvania Parkway Bridge over I-95, Fredericksburg, VA (2009 - 2010). Construction Manager, R.R. Dawson Bridge Co., LLC. Mr. Owens served as Construction Manager for the design-build project with Silver Companies and Henderson Contracting for the construction of a new 274-foot mainline structure over I-95 at Cosner's Corner, including 53" Prestressed Concrete Bulb Tee Spans of 107'-60'-107'. He provided oversight to the project superintendent, construction operations and manages the work on all area work for R.R. Dawson Bridge.

Commonwealth Railway Mainline Relocation, Portsmouth, Chesapeake and Suffolk, VA (2007 - November 2009). Construction Manager, R.R. Dawson Bridge Co., LLC. Mr. Owens served as the Construction Manager for construction of a new steel girder bridge carrying US Route 17 over Commonwealth Railway, as well as multiple tie-back retaining walls in the median of I-664 and Highway 164. This was a design-build project with Branscome, Inc. He provided oversight to the project superintendent and managed the area construction operations for Dawson. He also assisted the Area Manager in the coordination with Branscome, Inc. and Virginia Port Authority.

Woodrow Wilson Bridge Project Route 1 Interchange Advanced Bridges, Alexandria, VA (2003 - October 2005). Construction Manager, R.R. Dawson Bridge Co., LLC. Mr. Owens was responsible for management of construction operations for this contract, which included the construction of 11 major structures in 24 months, including curved steel girder bridges over the environmentally-sensitive Cameron Run. His planning and oversight of daily construction operations, coordination between subcontractors and suppliers, and communication with project inspectors helped this critical, fast-track project to be completed ahead of schedule.

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.

a. Name & Title: **Eric Vugteveen, PE, Senior Structural Engineer**

b. Project Assignment: **Lead Structural Engineer**

c. Name of Firm with which you are now associated: **Moffatt & Nichol, Inc.**

d. Years experience: With this Firm **13.5** Years With Other Firms **7.5** 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.): ***Moffatt & Nichol, Inc., Senior Structural Engineer; June 1998- Present:*** As Senior Structural Engineer, Mr. Vugteveen is responsible for the structural analysis, load rating and design of highway and railroad bridges—from simple span slab bridges to truss spans and girder bridges in excess of 500 feet—and incorporating all types of concrete and steel superstructures in their design. Structural types have included curved girders; multiple plate girders; steel rolled beams; steel composite girders; prestressed and post-tensioned concrete AASHTO beams and Bulb-T girders; segmentally constructed bridges; and truss structures. Mr. Vugteveen also currently serves as the manager of Moffatt & Nichol's office in Richmond, VA. ***A.G. Lichtenstein Engineers, Staff Structural Engineer; 1996 – May 1998:*** Mr. Vugteveen was responsible for bridge design, bridge load rating and inspections. Over 7.5 years at Lichtenstein, his design work included straight and curved highway bridge superstructures and reinforced concrete substructures. Inspection work progressed from team member to crew chief and team leader. Mr. Vugteveen was also responsible for performing load rating analysis for many large bridges, including truss and steel girder bridges, concrete arch bridges and prestressed concrete girder bridges.

Notable experience includes: design of bridges over waterways, highway bypass and flyover bridges; Structural analysis using DESCUS, SIMON, CONSPAN; design of curved steel girder, pre-stressed concrete, and jointless bridges. Mr. Vugteveen is also an NBIS Certified Bridge Inpsector.

e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: **Drexel University, Philadelphia, PA/BS/1990/Civil Engineering and Architectural Engineering**

f. Active Registration: Year First Registered/ Discipline/VA Registration #: **1995/Professional Engineer/ 0402033711**

g. Document the extent and depth of your experience and qualifications relevant to the Project.

1. *Note your specific responsibilities and authorities for each assignment, not those of the firm.*
2. *Note whether experience is with current firm or with other firm.*
3. *Provide beginning and end dates for each assignment.*

(List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)

Virginia Department of Transportation, On-Call Contract for New Bridge Design and Inspection Services, Region II (2 Consecutive Contracts), (2005 - 2011). Senior Structural Engineer, Moffatt & Nichol, Inc. For the 40 total task orders over the two contracts, Mr. Vugteveen worked on various task assignments including bridge design, load ratings and concept studies. Load ratings were performed using Virtis® software. Under this contract, Mr. Vugteveen also provided substructure design for the Advance Mills Bridge in Albemarle County— the replacement of an existing 210-foot truss bridge that was closed to traffic due to severe deterioration. An accelerated schedule was utilized to aggressively provide bridge design plans for using a pre-fabricated truss superstructure in a 2-month period. Mr. Vugteveen was also responsible for multiple assignments related to the Route 620 Bridge over Mountain Run in Culpeper County— the replacement of a 1915 concrete bridge. The new bridge is a 75'-75', two-span, continuous, steel plate girder bridge with semi-integral abutments and a hammerhead pier. The south abutment was a typical pile supported stub abutment; however, the north abutment was a 35-foot tall abutment with spread footings founded on rock.

Route 123 Bridge over Occoquan River, Prince William & Fairfax Counties, VA (2000 - 2002). Structural Engineer, Moffatt & Nichol, Inc. Mr. Vugteveen provided superstructure and substructure design services for the replacement of an existing bridge across the Occoquan River in the historic Town of Occoquan. The replacement bridge is a 1,180-foot-long, concrete bulb-T girder structure that includes 4 lanes of roadway, shoulders, turning lanes, and a pedestrian walkway. The bridge consists of 2 separate superstructures supported by shared substructure units. The Route 123 bridge is recognized for its innovative use of advanced materials and construction methods. The bridge was the first spliced bulb-T girder designed in Virginia, as well as the first to use FRP composite railings and corrosion resistant metallic MMFX-2 "microcomposite" reinforcing steel. The main span across the navigation channel is a 3-span continuous prestressed concrete bulb-T girder segmentally constructed with post-tensioning. The 79-inch-deep girders are haunched to a 12.5-foot depth at the piers. The channel span is 239 feet, 6 inches, with end spans of 180 feet. The approach spans are 144-foot-long, 77-inch-deep prestressed concrete bulb-T girders, with the 4-span unit made continuous for live load (577 feet between joints).

Rte 265 Danville Expressway and Dan Daniel Memorial Highway, Danville, VA (2000 - 2001). Lead Structural Engineer, Moffatt & Nichol, Inc. Mr. Vugteveen was responsible for the construction plans for 2 bridges—a 137-foot-long bridge carrying 2 lanes of NBL Route 265 over the Norfolk Southern Railway to parallel the existing, 3-span SBL bridge, as well as the grade separation structure at the project's interchange with Route 41 Franklin Turnpike. The Route 265 Bridge utilized high strength steel to design a single, simple span structure that spanned the railroad. To reduce maintenance costs, bridge girders were constructed of weathering steel and deck joints were eliminated by designing integral abutments. The Route 41 grade separation featured two 111-foot spans carrying 6 lanes of Franklin Turnpike over 6 lanes of Route 265. High strength steel was used to construct the continuous span plate girders. Mr. Vugteveen was also responsible for overseeing the design of two bridges by other consultants.

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.

a. Name & Title: **Timothy Morris, Project Manager**

b. Project Assignment: **Environmental Compliance Manager**

c. Name of Firm with which you are now associated: **KCI Technologies, Inc.**

d. Years experience: With this Firm **6** Years With Other Firms **14** 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.):

KCI Associates of NC, PA, Project Manager; 2007- Present: Mr. Morris is responsible for managing environmental restoration/construction projects in the southeast region.

URS Corporation, Project Manager; 2006- 2007: Mr. Morris was responsible for environmental permitting and environmental restoration projects. ***URS Corporation, Environmental Mitigation Manager; 2003- 2006:*** Mr. Morris was responsible for managing the environmental mitigation on the Woodrow Wilson Bridge project.

KCI Technologies, Inc., Environmental Monitor; 1999-2003: Mr. Morris was the environmental monitor for the US 113 Design-Build Dualization project. ***Chesapeake Environmental Management, Inc., Project Manager; 1995-1999:*** Mr. Morris was responsible for various environmental permitting, restoration and management projects.

e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: **Duke University School of the Environment, Durham, NC/MEM/1991/Water Resource Management; Moravian College, Bethlehem, PA/ BS/1990/Natural Resource Management**

f. Active Registration: Year First Registered/ Discipline/VA Registration #:

g. Document the extent and depth of your experience and qualifications relevant to the Project.

1. *Note your specific responsibilities and authorities for each assignment, not those of the firm.*
2. *Note whether experience is with current firm or with other firm.*
3. *Provide beginning and end dates for each assignment.*

(List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.)

NC EEP Full Delivery Projects, Various Counties, NC (2007 – On-going). Environmental Manager, KCI Technologies, Inc. Mr. Morris manages KCI's full delivery program projects. These projects are administered by the North Carolina Ecosystem Enhancement Program (EEP). The program provides mitigation projects for public and private sector impacts to streams, wetlands and buffers through restoration of properties in appropriate watersheds throughout the State. Mr. Morris provides project management and oversees all design and construction elements including site reconnaissance, design, permitting, and property acquisition, construction and monitoring. To date, Mr. Morris has managed over $10 million of full delivery projects for EEP. Responsible for permit compliance during construction and ensuring the mitigation meets the desired result in providing new wetlands, stream restorations and buffer enhancements.

Woodrow Wilson Bridge Replacement Environmental Mitigation, Various Locations, MD, VA (2003 - 2006). Environmental Manager, URS Corporation. Mr. Morris managed the design, construction, and monitoring of more than 50 environmental mitigation sites in Virginia, Maryland, and the District of Columbia. These mitigation sites were required to offset impacts associated with the construction of the Woodrow Wilson Bridge project. Mr. Morris managed 15 full-time employees, as well as 12 contract employees, to ensure compliance with environmental permits and contractual obligations for project owners. Coordinated with VDOT all contractual elements of projects including solicitation, pre-bid meetings, contract award, inspection, invoicing, partnering meetings, and project closeout. Responsible for ensuring the projects were constructed according to plan, no additional wetland or stream impacts occurred and field issues were addressed to meet permit requirements.

US Route 113 Environmental Monitoring, Worcester County, MD (1999 - 2003). Environmental Inspector, KCI Technologies, Inc. Mr. Morris conducted daily visits, worked alongside the project engineer, consulting inspectors, design engineers, SHA-EPD personnel and the district engineer to ensure all of the environmental components of the project were implemented as designed with minimal impact to the environment. He supervised the construction of five wetland mitigation sites (125acres), four nutrient sites (25acres), four stream restoration sites, two floodplain restoration projects, two fish passage projects and more than 50acres of reforestation. On-site environmental construction monitoring resulted in a 25% reduction in permitted wetland and waterway impacts. There were four wetland mitigation sites and five nutrient management sites constructed as part of the US 113 project.

ATTACHMENT 3.4.1(a)

LEAD CONTRACTOR – WORK HISTORY FORM

(LIMIT 1 PAGE PER CONTRACT)

Work by Lead Contractor – Three (3) projects which best illustrates current qualifications relevant to this Project.

a. Project Name & Location	b. Narrative Describing Nature of Firm's Responsibilities	c. Client/Owner/Project Manager who can verify Firm's responsibilities. Include address and current phone number	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Estimated Value (in Thousands)		
					Original Contract Value	Final or Estimated Contract Value	Dollar Value of Work for Which Firm Was/Is Responsible
(1) Spotsylvania Parkway Bridge Project-Design Build with Henderson Contracting and Silver Companies Spotsylvania County, VA **Scope and Complexity Similarities** ▪ Bridge over I-95 ▪ Coordination with local hospital and businesses ▪ Interstate traffic conditions ▪ Design Build Project **Evidence of Good Performance** ▪ Project completed ahead of schedule ▪ VEP created project savings on girders **Lessons Learned** ▪ Coordination with local businesses and hospital to provide minimal disruption to traffic ▪ Informal project partnering = project success	The contract for this new 274-foot mainline structure over I-95 at Cosner's Corner was developed for access to a new hospital on the eastside of I-95. The role of R.R. Dawson Bridge Co., LLC on this project is to construct a three span bridge (107'-60'-106') over Interstate 95 with steel H-piles, two abutments, two piers, 53" concrete bulb tee girders, a pedestrian walkway with steel handrails and sidewalk. This is a design-build project with a fast track schedule which is initially funded by the Silver Companies. A bond referendum has been issued by Spotsylvania County to reimburse Silver for the cost of construction. The County will then take ownership and control of the structure. R.R. Dawson played a major role in the re-design of the original structure which changed the length of the structure from the original length of 475-feet to 274-feet and resulted in a savings of approximately $800,000.00. Dawson personnel gained valuable experience in working with the design engineers, owners and county officials in this endeavor. **Lessons Learned:** Working closely with the Owner and Designer can create an atmosphere of cooperation which led to **innovative approaches to the project allowing beneficial changes for all parties involved.**	**OWNER:** **Silver Companies** Mr. Charlie Kilpatrick 1201 Central Park Blvd. Fredericksburg, VA 22404 (540) 785-3371 **Kimley-Horn and Associates, Inc.** Jerry D. Pertzsch, PE 2550 University Avenue West Suite 345N St. Paul, MN 55114 (651) 643-0411	4/2010	04/2010	$5,256	$4,598	$4,598

Work by Lead Contractor – Three (3) projects which best illustrates current qualifications relevant to this Project.							
a. Project Name & Location	**b. Narrative Describing Nature of Firm's Responsibilities**	**c. Client/Owner/Project Manager who can verify Firm's responsibilities. Include address and current phone number**	**d. Contract Completion Date (Original)**	**e. Contract Completion Date (Actual or Estimated)**	**f. Estimated Value (in Thousands)**		
					Original Contract Value	**Final or Estimated Contract Value**	**Dollar Value of Work for Which Firm Was/Is Responsible**
(2) Jefferson Park Avenue Bridge Replacement City of Charlottesville, Virginia **Scope and Complexity Similarities** ▪ Located in City of Charlottesville (urban) ▪ Impacts to local commuters ▪ VDOT project ▪ Impact to local businesses **Evidence of Good Performance** ▪ Ongoing Project with potential for early completion **Lessons Learned** ▪ Learned lessons working adjacent to existing structures, businesses and railway ▪ Used project partnering to overcome utility and neighborhood/business access concerns	The current Jefferson Park Avenue bridge is 28 feet wide, 99 feet long and has a weight limit of 8 tons prohibiting emergency vehicle traffic. This project involves replacing the current structure with a new 67 feet wide structure to include bike lanes and pedestrian walkways and allow for emergency vehicle traffic. The bridge spans the Norfolk Southern Railroad tracks, the width of the new bridge and higher vertical clearance will accommodate an additonal track for train traffic. Construction involves installation of 66 drilled shafts piers (caissons) for the construction of new retaining walls and abutments. The project is located in a highly visible and highly traveled area, both pedestrian and rail traffic. Construction of a temporary pedestrian bridge is necessary to temporarily re-route pedestrian traffic. Multiple shifts of pedestrian traffic is planned in order to accommodate construction. Close coordination with the Norfolk Southern Railroad, City of Charlottesville, area homeowners, and pedestrian traffic will be crucial for a successful completion of the project. Also partnering with the city, railroad, and VDOT is required in order to prevent any potential problems that may arise, formal partnering is being instituted in an effort to assist in partnering. **Lessons Learned:** Early submittal of required shop drawings, material certifications and other critical items. **R.R Dawson set up procedure to track status of all submittals with action required.** **Open communication with local businesses** in order to provide for their needs while constructing the project. **Daily planning of critical schedule activities** to avoid delays caused by working in a very tight area.	**OWNER & DESIGN ENGINEER:** VDOT 701 VDOT Way Charlottesville, VA 22911 Mr. Mauris Mackenzie, PE (434) 951.6430 	09/2012	09/2012	$5,846	$5,846	$5,846

Work by Lead Contractor – Three (3) projects which best illustrates current qualifications relevant to this Project.

a. Project Name & Location	b. Narrative Describing Nature of Firm's Responsibilities	c. Client/Owner/Project Manager who can verify Firm's responsibilities. Include address and current phone number	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Estimated Value (in Thousands)		
					Original Contract Value	Final or Estimated Contract Value	Dollar Value of Work for Which Firm Was/Is Responsible
(3) Woodrow Wilson Bridge Project (US Route 1) Advanced Bridges City of Alexandria, Virginia **Scope and Complexity Similarities** ▪ Major bridge structure ▪ Interstate traffic conditions ▪ Located in City of Alexandria (urban) ▪ Significant size project - $40 million ▪ Impacts to local commuters ▪ VDOT project **Evidence of Good Performance** ▪ Project received the 2005 Statewide Construction Quality Award from VDOT and 2006 Silver Winner from NPHQ **Lessons Learned** ▪ Lessons partnering with regulatory agencies (3rd parties) to overcome challenges ▪ Used supply chain incentives to start early	R.R. Dawson was the prime contractor in charge of the construction of eleven (11) bridges in a 24-month period, as a part of the US Route 1 Interchange project. Structures included curved steel plate girder spans over the environmentally sensitive Cameron Run to line up with future widened I-95/I-495. R.R. Dawson received the full incentive allowable per the contract for rideability of the bridge decks on this project. **R.R. Dawson received the 2005 Statewide Construction Quality Award from VDOT for their efforts on this project. R.R. Dawson was also the 2006 Silver Winner for the partnering category as presented by the National Partners for Highway Quality (NPHQ). The partners in this award included VDOT, Federal Highway Administration (Virginia Division), Maryland State Highway Administration, and Potomac Crossing Consultants (PCC).** **Lessons Learned:** Working in and around Cameron Run waterway, created some challenges due to the environmentally sensitive nature. A 4,000-foot long structure was constructed between the beltway of I-495 and Cameron Run and through R.R. Dawson's planning; it was chosen to erect this structure without impacting the stream. In order to accomplish this, **R.R. Dawson used some innovative construction techniques to avoid any impacts to Cameron Run.** **Overall, R.R. Dawson gained valuable insight into what is required by the different agencies which in turn, provided valuable partnering experience.**	**OWNER:** VDOT 2901 Eisenhower Avenue Alexandria, VA 23314 Mr. John Lynch, PE (703) 329-0300 **DESIGN ENGINEER:** Potomac Crossing Consultants 2901 Eisenhower Avenue Alexandria, VA 23314 (703) 329-0300	07/2005	10/2005 (Extended by Work Order)	$38,395	$41,869	$41,869

ATTACHMENT 3.4.1(b)

LEAD DESIGNER - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)

Work by Lead Designer - three (3) projects which best illustrates current qualifications relevant to this Project.

a. Project Name & Location	b. Narrative describing nature of Firm's Responsibilities	c. Client/Owner/Project Manager who can verify Firm's responsibilities. Include address and current phone number.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Estimated Value (in Thousands)		
					Original Contract Value	Final or Estimated Contract Value	Dollar Value of Work for Which Firm Was/Is Responsible
(1) **Inter County Connector (ICC), Section B, Design-Build Montgomery County, MD** **Scope and Complexity Similarities** • Design Build Management • Roadway design for widening of intersection roadway with expressway to multi-lane intersection configuration. • New bridge structures over an expressway with widening of exiting roadway to multi-lane configuration • Complex phased MOT including detour roadways • Traffic management plan • Temporary and permanent signal design, signing lighting and pavement markings • Environmentally sensitive project **Evidence of Good Performance** • Opened roadway to traffic on schedule, target date 11/11/2011 actual date 11/22/2011 • Design team met the challenges of utility relocations at all six major crossings • Permits approved on schedule **Lessons Learned** • Managing a multi-firm team • Projectwise file management system work very well. • Independent Quality control for contract drawings. • Mandatory review of plan submission by all disciplines **Risk Similarities** • Complex, high volume - MOT • Environmental manager • Interchange construction	KCI provided the lead roadway, traffic, and and drainage engineers on this environmentally sensitive project to manage the design and coordination of all design disciplines: led roadway design for seven miles of a six-lane highway with two interchanges; led drainage design of storm drainage, culverts, SWM and erosion and sediment control (multi-phased construction); and led traffic design for the signals, signing and pavement marking and lighting aspects of the project. Roadway design included horizontal and vertical design of the ICC in Geopak adjusted from the RFP alignments for cost savings, widening and realignment design for the crossing roadways, and the design for a diamond interchange at MD 182 and SPUI at MD 650; five detour roads, interchange ramps, and temporary interchange and signal at MD 28; and three miles of bike path and grading for noise walls and access roads to SWM and relocated utility facilities. KCI Structure design included two structures for BR -25 Longmead Crossing over the ICC and BR-28 the ICC over Northwest Branch. KCI provide the full bridge plans for the abutments, piers, sub and super structure. KCI provided utility relocation design for Pepco and Verizon facilities including subsurface utility test pit services. KCI designed the relocation of a multi-duct Verizon telecommunications line at MD 650, overhead power pole relocation and MD 28, MD 182, and MD 650. KCI provided environmental review and agency coordination for compliance with EIS commitments and 106 clearances (also included). KCI's management team worked in the project office holding weekly discipline team meetings, attending public meetings, coordinating submission and discipline reviews and quality control, and addressing non-conformance comments. KCI coordinated with the ICC GEC by preparing design contract variance submittals, over-the-shoulder reviews, and design coordination meetings for addressing comments.	**CLIENT:** Maryland State Highway Administration 707 N. Calvert Street Baltimore, MD 21202 Melinda Peters (410) 545-8722 	11/11/11	11/22/2011	$550,000	$560,000	$125,000

ATTACHMENT 3.4.1(b)

LEAD DESIGNER - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)

Work by Lead Designer - three (3) projects which best illustrates current qualifications relevant to this Project.

a. Project Name & Location	b. Narrative describing nature of Firm's Responsibilities	c. Client/Owner/Project Manager who can verify Firm's responsibilities. Include address and current phone number.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Estimated Value (in Thousands)		
					Original Contract Value	Final or Estimated Contract Value	Dollar Value of Work for Which Firm Was/Is Responsible
(2) **VDOT Route 265 Danville Expressway and Dan Daniel Memorial Highway** Danville, Virginia **Scope and Complexity Similarities** • New bridge over expressway interchange • Widened bridge with turn lanes on structure • Two-span continuous steel bridge - efficient, low maintenance structure **Evidence of Good Performance** • Project completed on schedule • Minimal construction issues • Positive feedback from VDOT Bridge Design Manager **Lessons Learned** • Simple structure type is cost effective and low maintenance • Importance of coordination between multiple consultant firms Providing high quality plans leads to smooth construction **Risk Similarities** • Complex MOT • Third party involvement • Roadway widening	As a subconsultant, Moffatt & Nichol (M&N) provided complete right-of-way and roadway construction plans for two miles of roadway and construction plans for two bridges. As an additional service to the Department, M&N was given the task of performing a quality control review for two additional bridges on the project: one designed by the prime consultant for NBL Route 265 over Little Fall Creek, and the second designed by the project's DBE subconsultant for the NBL Route 265 Bridge over Route 721. The expressway was built in two phases. The first phase was constructed in the early 1990's and was limited to the design and construction of the SBL side of the future Route 265 alignment with striping for two lanes of opposing traffic. The second phase of the expressway project required the design and construction of the median and the NBL side of the alignment. The design typical section provided two through lanes in each direction separated by grass median. M&N developed roadway construction plans for a 2-mile-long segment of the proposed NBL Route 265 alignment. M&N, led by Lead Bridge Engineer Eric Vugteveen, designed a 137-foot-long bridge carrying two lanes of NBL Route 265 over the Norfolk Southern Railway (NS) to complement the existing, 3-span SBL bridge. However, M&N utilized high-strength steel to design a single, simple span structure that spanned the railroad, eliminating the need for piers with crash walls, as required on the adjacent SBL bridge. M&N provided slopes in front of the abutments that allow NS clearance to construct an additional track in the future. To reduce maintenance costs, bridge girders were constructed of weathering steel and deck joints were eliminated by designing integral abutments. M&N also designed the grade separation structure at the project's interchange with Route 41 Franklin Turnpike. The bridge structure was designed with two 111-foot spans carrying six lanes of Franklin Turnpike over six lanes of Route 265. High-strength steel was used to construct the continuous span plate girders. The bridge length was minimized by using integral abutments atop mechanically stabilized earth (MSE) walls. Movement of the abutment piles was isolated from the MSE soil mass by driving steel H-piles though vertical steel pipes filled with sand.	**CLIENT:** Virginia Department of Transportation 1401 East Broad Street Richmond, VA 23219 Mr. Larry G. Hedgepeth (804) 786-6369	2004	2004		$463 (fee)	$6,608 Construction

ATTACHMENT 3.4.1(b)

LEAD DESIGNER - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)

Work by Lead Designer - three (3) projects which best illustrates current qualifications relevant to this Project.

a. Project Name & Location	b. Narrative describing nature of Firm's Responsibilities	c. Client/Owner/Project Manager who can verify Firm's responsibilities. Include address and current phone number.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Estimated Value (in Thousands)		
					Original Contract Value	Final or Estimated Contract Value	Dollar Value of Work for Which Firm Was/Is Responsible
(3) **Capitol Beltway HOT Lanes Project, Northern, VA and Washington, DC** **Scope and Complexity Similarities** • Major Urban Interchange Design • Roadway Geometry • Extensive MOT • VDOT Design-Build Project • Clearing and Grubbing • Signing and Pavement Marking • Sediment and Erosion Control **Evidence of Good Performance** • SHELADIA was invited by the same design-build team for the section of I-95/I-395 HOT Lane Design-Build project recognizing Sheladia's capability and quality of work. **Lessons Learned** • Multi-disciplinary coordination, effective communication, and Traffic management through complicated construction project. **Risk Similarities** • Traffic and Congestion Management • Agency Approvals	SHELADIA provided civil engineering design for the section-3 Little River Turnpike Interchange with I-495. **Maintenance of Traffic Plans:** Well thought out MOT plans were prepared to move traffic smoothly without reducing the speed, capacity and interference with proposed construction. Temporary channelizing devices, temporary warning signs, and impact attenuators were provided per MUTCD. As a part of the detour design, SHELADIA developed horizontal and vertical alignments with super elevated/normal crowned cross section elements and typical sections. A complete set of plans was prepared to facilitate interchange construction. **Clearing and Grubbing Plans**: SHELADIA developed plans to mitigate disturbances from cleared area and other anticipated construction impacts, prepared erosion and sediment control plan.. **Signing and Pavement Marking:** SHELADIA prepared signing and pavement marking plans for five sections - 2, 3, 4, 6 & 7. SHELADIA developed the schedule for each proposed sign and the elevation view for the proposed guide signs. SHELADIA provided pedestrian crossing signs to make sure that pedestrian traffic is protected throughout the corridor and coordinated with other disciplines to make sure overhead sign structure didn't conflict with other utilities. All pavement markings were based on VDOT standards. SHELADIA gained valuable lessons working on VDOT's design-build mega project in an highly congested area. Construction phasing required extensive analysis of MOT alternatives. Temporary detours were determined after extensive coordination with authorities. Additionally, SHELADIA developed means and method of clear communication to minimize errors in design coordination. Early identification of stake holders, permits requirements, and VDOT's requirements..	**CLIENT:** Virginia Department of Transportation / HNTB Corporation / VDOT & Fluor-Transurban 2900 South Quincy St., Suite 200 Arlington, VA 22206 Peter F. Bonaccorsi (HNTB) (703) 824-5100 	09/09	09/09	$1.9 Billion with funding from public, private and finical institutional sources. Total design fee for the team is not available to subconsultant team members (Information is with HNTB)	$1.9 Billion with funding from public, private and finical institutional sources. Total design fee for the team is not available to subconsultant team members (Information is with HNTB)	$1,076

COMMONWEALTH OF VIRGINIA

VDOT
Virginia Department of Transportation

CERTIFICATE OF QUALIFICATION

R. R. Dawson Bridge Company, LLC

Vendor Number: **D005**

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

PREQUALIFIED

Work Classes: Major Structures, Marine Construction

Issue Date: April 30, 2011 **This Rating and Classification will Expire:** April 30, 2012

Suzanne FR Lucas Prequalification Officer

Don E. Sillies, State Construction Contract Officer

Commonwealth of Virginia
State Corporation Commission

12/05/11
15:50:11

LLCM3220 LLC DATA INQUIRY

LLC ID: T009098 - 7 STATUS: 00 ACTIVE STATUS DATE: 10/30/09

LLC NAME: DAWSON BRIDGE COMPANY, LLC, R. R.

DATE OF FILING: 06/16/1995 PERIOD OF DURATION: 99/99/9999 INDUSTRY CODE: 00

STATE OF FILING: KY KENTUCKY 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: 1999 RICHMOND ROAD

CITY: LEXINGTON STATE: KY ZIP: 40502-0000

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: CT CORPORATION SYSTEM

STREET: 4701 COX RD STE 301

RTN MAIL:

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

R/A STATUS: 5 ENTITY AUTHORIZ EFF DATE: 01/05/04 LOC: 143 HENRICO COUNTY

YEAR	FEES	PENALTY	INTEREST	BALANCE
11				

(Screen Id:/LLC_Data_Inquiry)

Commonwealth of Virginia
State Corporation Commission

Virginia.gov

12/21/11
CISM0180 CORPORATE DATA INQUIRY 16:29:20

CORP ID: F133957 - 3 STATUS: 00 ACTIVE STATUS DATE: 06/20/05
CORP NAME: KANAWHA STONE COMPANY, INC.

DATE OF CERTIFICATE: 05/29/1998 PERIOD OF DURATION: INDUSTRY CODE: 00
STATE OF INCORPORATION: WV WEST 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: CT CORPORATION SYSTEM

STREET: 4701 COX RD STE 301 AR RTN MAIL:

CITY: GLEN ALLEN STATE : VA ZIP: 23060 6802
R/A STATUS: 5 B.E. AUTH IN VI EFF. DATE: 01/05/04 LOC : 143
ACCEPTED AR#: 211 08 1218 DATE: 04/15/11 HENRICO COUNTY
CURRENT AR#: 211 08 1218 DATE: 04/15/11 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
11	100.00					2,500

(Screen Id:/Corp_Data_Inquiry)

Commonwealth of Virginia
State Corporation Commission

Virginia.gov

12/21/11

CISM0180 CORPORATE DATA INQUIRY 16:31:26

CORP ID: F059869 - 0 STATUS: 00 ACTIVE STATUS DATE: 01/18/06
CORP NAME: KCI TECHNOLOGIES, INC.

DATE OF CERTIFICATE: 12/19/1988 PERIOD OF DURATION: INDUSTRY CODE: 00
STATE OF INCORPORATION: DE DELAWARE STOCK INDICATOR: S STOCK
MERGER IND: S SURVIVOR CONVERSION/DOMESTICATION IND:
GOOD STANDING IND: Y MONITOR INDICATOR:
CHARTER FEE: MON NO: MON STATUS: MONITOR DTE:
R/A NAME: CORPORATION SERVICE COMPANY

STREET: Bank of America Center, 16th Floor AR RTN MAIL:
1111 East Main Street
CITY: RICHMOND STATE : VA ZIP: 23219
R/A STATUS: 5 B.E. AUTH IN VI EFF. DATE: 04/29/11 LOC : 216
ACCEPTED AR#: 211 52 8995 DATE: 12/01/11 RICHMOND CITY
CURRENT AR#: 211 52 8995 DATE: 12/01/11 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
11	100.00					1,000

(Screen Id:/Corp_Data_Inquiry)

Commonwealth of Virginia
State Corporation Commission

11/03/11
CISM0180 CORPORATE DATA INQUIRY 10:00:29

CORP ID: F058239 - 7 STATUS: 00 ACTIVE STATUS DATE: 05/29/01
CORP NAME: MOFFATT & NICHOL, Inc. (USED IN VA BY: MOFFATT & NICHOL)
DATE OF CERTIFICATE: 03/06/2000 PERIOD OF DURATION: INDUSTRY CODE: 70
STATE OF INCORPORATION: CA CALIFORNIA 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: CT CORPORATION SYSTEM

STREET: 4701 COX RD STE 301 AR RTN MAIL:

CITY: GLEN ALLEN STATE : VA ZIP: 23060 6802
R/A STATUS: 5 B.E. AUTH IN VI EFF. DATE: 01/05/04 LOC : 143
ACCEPTED AR#: 211 06 8857 DATE: 03/28/11 HENRICO COUNTY
CURRENT AR#: 211 06 8857 DATE: 03/28/11 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
11	550.00					77,000

(Screen Id:/Corp_Data_Inquiry)

Commonwealth of Virginia
State Corporation Commission

Virginia.gov

12/21/11

CISM0180 CORPORATE DATA INQUIRY 16:34:38

CORP ID: F123900 - 5 STATUS: 00 ACTIVE STATUS DATE: 12/03/07
CORP NAME: EBA ENGINEERING, INC.

DATE OF CERTIFICATE: 10/22/1997 PERIOD OF DURATION: INDUSTRY CODE: 70
STATE OF INCORPORATION: MD MARYLAND STOCK INDICATOR: S STOCK
MERGER IND: CONVERSION/DOMESTICATION IND:
GOOD STANDING IND: Y MONITOR INDICATOR:
CHARTER FEE: 2000.00 MON NO: MON STATUS: MONITOR DTE:
R/A NAME: CT CORPORATION SYSTEM

STREET: 4701 COX RD STE 301 AR RTN MAIL:

CITY: GLEN ALLEN STATE : VA ZIP: 23060 6802
R/A STATUS: 5 B.E. AUTH IN VI EFF. DATE: 01/05/04 LOC : 143
ACCEPTED AR#: 211 52 2819 DATE: 09/28/11 HENRICO COUNTY
CURRENT AR#: 211 52 2819 DATE: 09/28/11 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
11	1,700.00					1,000,000

(Screen Id:/Corp_Data_Inquiry)

Commonwealth of Virginia
State Corporation Commission

Virginia.gov

01/05/12
LLCM3220 LLC DATA INQUIRY 11:26:25

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)

Commonwealth of Virginia
State Corporation Commission

Virginia.gov

12/21/11

CISM0180 CORPORATE DATA INQUIRY 16:35:09

CORP ID: F128813 - 5 STATUS: 00 ACTIVE STATUS DATE: 02/27/07
CORP NAME: SHELADIA ASSOCIATES, INC.

DATE OF CERTIFICATE: 03/26/1997 PERIOD OF DURATION: INDUSTRY CODE: 70
STATE OF INCORPORATION: MD MARYLAND STOCK INDICATOR: S STOCK
MERGER IND: CONVERSION/DOMESTICATION IND:
GOOD STANDING IND: Y MONITOR INDICATOR:
CHARTER FEE: 550.00 MON NO: MON STATUS: MONITOR DTE:
R/A NAME: JAN TWAROWSKI

STREET: 3836 KOVAL LANE AR RTN MAIL:

CITY: LAKE RIDGE STATE : VA ZIP: 22192
R/A STATUS: 2 OFFICER EFF. DATE: 03/07/11 LOC : 176
ACCEPTED AR#: 211 05 8000 DATE: 03/11/11 PRINCE WILLIAM
CURRENT AR#: 211 05 8000 DATE: 03/11/11 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
11	1,600.00					251,000

(Screen Id:/Corp_Data_Inquiry)

Commonwealth of Virginia
State Corporation Commission

Virginia.gov

12/21/11

CISM0180 CORPORATE DATA INQUIRY 16:36:41

CORP ID: 0658539 - 2 STATUS: 00 ACTIVE STATUS DATE: 07/14/10
CORP NAME: T3 Design Corporation

DATE OF CERTIFICATE: 05/18/2006 PERIOD OF DURATION: INDUSTRY CODE: 70
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: REES BROOME PC

STREET: 8133 LEESBURG PIKE 9TH FL AR RTN MAIL:

CITY: VIENNA STATE : VA ZIP: 22182 2706
R/A STATUS: 5 B.E. AUTH IN VI EFF. DATE: 05/01/07 LOC : 129
ACCEPTED AR#: 211 51 0988 DATE: 05/27/11 FAIRFAX COUNTY
CURRENT AR#: 211 51 0988 DATE: 05/27/11 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
11	100.00					5,000

(Screen Id:/Corp_Data_Inquiry)

Commonwealth of Virginia
State Corporation Commission

Virginia.gov

12/21/11
LLCM3220 LLC DATA INQUIRY 16:38:43

LLC ID: S084499 - 5 STATUS: 00 ACTIVE STATUS DATE: 09/26/02
LLC NAME: RACEY ENGINEERING, PLLC

DATE OF FILING: 09/26/2002 PERIOD OF DURATION: INDUSTRY CODE: 70
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: 312 W MAIN ST
PO BOX 387
CITY: LURAY STATE: VA ZIP: 22835-0000

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: MARK N REED

STREET: 16 S COURT STREET
PO BOX 766 RTN MAIL:
CITY: LURAY STATE: VA ZIP: 22835-0000
R/A STATUS: 4 MEMBER OF VSB EFF DATE: 09/26/02 LOC: 169 PAGE COUNTY

YEAR	FEES	PENALTY	INTEREST	BALANCE
11	50.00			

(Screen Id:/LLC_Data_Inquiry)

Commonwealth of Virginia
State Corporation Commission

Virginia.gov

12/21/11
CISM0180 CORPORATE DATA INQUIRY 16:49:35

CORP ID: F060316 - 9 STATUS: 00 ACTIVE STATUS DATE: 07/28/03
CORP NAME: AMEC E&I, Inc.

DATE OF CERTIFICATE: 07/28/2003 PERIOD OF DURATION: INDUSTRY CODE: 70
STATE OF INCORPORATION: DE DELAWARE STOCK INDICATOR: S STOCK
MERGER IND: S SURVIVOR CONVERSION/DOMESTICATION IND:
GOOD STANDING IND: Y MONITOR INDICATOR:
CHARTER FEE: MON NO: MON STATUS: MONITOR DTE:
R/A NAME: C T CORPORATION SYSTEM

STREET: 4701 COX RD STE 301 AR RTN MAIL:

CITY: GLEN ALLEN STATE : VA ZIP: 23060
R/A STATUS: 5 B.E. AUTH IN VI EFF. DATE: 07/05/11 LOC : 143
ACCEPTED AR#: 211 12 7300 DATE: 07/07/11 HENRICO COUNTY
CURRENT AR#: 211 12 7300 DATE: 07/07/11 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
11	670.00					100,000

(Screen Id:/Corp_Data_Inquiry)

Commonwealth of Virginia
State Corporation Commission

Virginia.gov

12/21/11

CISM0180 CORPORATE DATA INQUIRY 16:44:44

CORP ID: 0501305 - 7 STATUS: 00 ACTIVE STATUS DATE: 04/09/98
CORP NAME: MILESTONE CONSULTANTS, INC.

DATE OF CERTIFICATE: 04/09/1998 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: RICHARD L OTT

STREET: 1913 HUGUENOT RD STE 201 AR RTN MAIL:

CITY: RICHMOND STATE : VA ZIP: 23235
R/A STATUS: 2 OFFICER EFF. DATE: 01/27/01 LOC : 120
ACCEPTED AR#: 211 07 6154 DATE: 04/07/11 CHESTERFIELD CO
CURRENT AR#: 211 07 6154 DATE: 04/07/11 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
11	100.00					5,000

(Screen Id:/Corp_Data_Inquiry)

Commonwealth of Virginia
State Corporation Commission

Virginia.gov

12/21/11
CISM0180 CORPORATE DATA INQUIRY 16:46:13

CORP ID: F130410 - 6 STATUS: 00 ACTIVE STATUS DATE: 07/01/09
CORP NAME: DIVERSIFIED PROPERTY SERVICES OF VIRGINIA, INC. (U
SED IN VA BY: DIVERSIFIED PROPERTY SERVICES, INC.)
DATE OF CERTIFICATE: 08/05/1997 PERIOD OF DURATION: INDUSTRY CODE: 00
STATE OF INCORPORATION: MD MARYLAND 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: BRENDAN R HANTZES

STREET: 3771 VERMACCHIA DR AR RTN MAIL:

CITY: CHANTILLY STATE : VA ZIP: 20151
R/A STATUS: 2 OFFICER EFF. DATE: 08/09/02 LOC : 129
ACCEPTED AR#: 211 14 4054 DATE: 08/08/11 FAIRFAX COUNTY
CURRENT AR#: 211 14 4054 DATE: 08/08/11 STATUS: A ASSESSMENT INDICATOR: 0

YEAR	FEES	PENALTY	INTEREST	TAXES	BALANCE	TOTAL SHARES
11	100.00					5,000

(Screen Id:/Corp_Data_Inquiry)

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
01-31-2012

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: 1 (804) 367-8500

NUMBER
2705 030731A

BOARD FOR CONTRACTORS
CLASS A CONTRACTORS LICENSE

R R DAWSON BRIDGE COMPANY LLC

1999 RICHMOND RD SUITE 1
PO BOX 28
LEXINGTON KY 40588 0028

CLASSIFICATIONS H/H

Jay W. DeBoer, Director

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(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)

(POCKET CARD)

COMMONWEALTH OF VIRGINIA
BOARD FOR CONTRACTORS - CLASS A
CONTRACTOR LICENSE - CLASSIFICATIONS: H/H

NUMBER: 2705 030731A EXPIRES: 01-31-2012
R R DAWSON BRIDGE COMPANY LLC

1999 RICHMOND RD SUITE 1
PO BOX 28
LEXINGTON KY 40588 0028

(FOLD)

(DETACH HERE)

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

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

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

EXPIRES ON
01-31-2013

NUMBER
2705 041075A

BOARD FOR CONTRACTORS
CLASS A CONTRACTORS LICENSE

KANAWHA STONE COMPANY INC
KANAWHA STONE COMPANY INC
401 JACOBSON DR ROCK BRANCH IN D PARK
PO BOX 503
NITRO WV 25143

CLASSIFICATIONS H/H

Gordon N. Dixon, Director

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(POCKET CARD)

COMMONWEALTH OF VIRGINIA

BOARD FOR CONTRACTORS - CLASS A
CONTRACTOR LICENSE - CLASSIFICATIONS: H/H

NUMBER: 2705 041075A EXPIRES: 01-31-2013
KANAWHA STONE COMPANY INC
KANAWHA STONE COMPANY INC
401 JACOBSON DR ROCK BRANCH IN D PARK
PO BOX 503
NITRO WV 25143

(FOLD)

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

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COMMONWEALTH OF VIRGINIA

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

EXPIRES ON
02-29-2012

NUMBER
0411000767

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

PROFESSIONS: ENG

KCI TECHNOLOGIES INC
936 RIDGEBROOK RD
SPARKS, MD 21152

Gordon N. Dixon, Director

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(POCKET CARD)

COMMONWEALTH OF VIRGINIA

BOARD FOR APELSCIDLA
BUSINESS ENTITY BRANCH OFFICE REGISTRATION
NUMBER: 0411000767 EXPIRES: 02-29-2012
PROFESSIONS: ENG
KCI TECHNOLOGIES INC
936 RIDGEBROOK RD
SPARKS, MD 21152

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

Raleigh, NC - Branch Of License

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

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

EXPIRES ON
12-31-2013

NUMBER
0407003113

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

PROFESSIONS: ENG

KCI TECHNOLOGIES INC
936 RIDGEBROOK ROAD
SPARKS, MD 21152

Sparks OK
License
engineering only

Gordon N. Dixon, Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
12-31-2013

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

NUMBER
0407002877

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

PROFESSIONS: ENG

MOFFATT & NICHOL INC
1100 BOULDERS PARKWAY
SUITE 350
RICHMOND, VA 23225

Gordon N. Dixon, Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
02-29-2012

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

NUMBER
0411000532

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

PROFESSIONS: ENG

MOFFATT & NICHOL INC
800 WORLD TRADE CENTER
NORFOLK, VA 23510

Jay W. DeBoer Director

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(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)

(POCKET CARD)

COMMONWEALTH OF VIRGINIA

BOARD FOR APELSCIDLA
BUSINESS ENTITY BRANCH OFFICE REGISTRATION
NUMBER: 0411000532 EXPIRES: 02-29-2012
PROFESSIONS: ENG
MOFFATT & NICHOL INC
800 WORLD TRADE CENTER
NORFOLK, VA 23510

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

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

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

EXPIRES ON
02-29-2012

NUMBER
0411000659

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

PROFESSIONS: ENG

EBA ENGINEERING, INC
287 SHINGLE OAK LANE
NELLYSFORD, VA 22958

Jay W. DeBoer, Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

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

EXPIRES ON
02-29-2012

NUMBER
0411000384

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

PROFESSIONS: ENG

ECS MID-ATLANTIC LLC
2119-D NORTH HAMILTON ST
RICHMOND, VA 23230

Jay W. DeBoer Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
12-31-2013

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

NUMBER
0407003629

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

PROFESSIONS: ENG

SHELADIA ASSOCIATES INC
15825 SHADY GROVE RD #100
ROCKVILLE, MD 20850

Gordon N. Dixon, Director

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(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)

(POCKET CARD)

COMMONWEALTH OF VIRGINIA
BOARD FOR APELSCIDLA
BUSINESS ENTITY REGISTRATION
NUMBER: 0407003629 EXPIRES: 12-31-2013
PROFESSIONS: ENG
SHELADIA ASSOCIATES INC
15825 SHADY GROVE RD #100
ROCKVILLE, MD 20850

(FOLD)

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

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

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

EXPIRES ON
12-31-2013

NUMBER
0405001624

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

PROFESSIONS: ENG

T3 DESIGN CORPORATION
3927 OLD LEE HWY STE 101-C
FAIRFAX, VA 22030-2422

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Gordon N. Dixon, Director

(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)

(POCKET CARD)

COMMONWEALTH OF VIRGINIA

BOARD FOR APELSCIDLA
PROFESSIONAL CORPORATION REGISTRATION
NUMBER: 0405001624 EXPIRES: 12-31-2013
PROFESSIONS: ENG
T3 DESIGN CORPORATION
3927 OLD LEE HWY STE 101-C
FAIRFAX, VA 22030-2422

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(DETACH HERE)

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

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
12-31-2013

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

NUMBER
0413000251

BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS AND LANDSCAPE ARCHITECTS
PROFESSIONAL LIMITED LIABILITY COMPANY

PROFESSIONS: ENG, LS

RACEY ENGINEERING PLLC
312 WEST MAIN ST
PO BOX 387
LURAY, VA 22835

Gordon N. Dixon, Director

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(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

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

EXPIRES ON
02-29-2012

NUMBER
0411000127

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

PROFESSIONS: ENG

AMEC E&I INC
21740 BEAUMEADE CIRCLE
SUITE 150
ASHBURN, VA 20147

Gordon N. Dixon, Director

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(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)

(POCKET CARD)

COMMONWEALTH OF VIRGINIA

BOARD FOR APELSCIDLA
BUSINESS ENTITY BRANCH OFFICE REGISTRATION
NUMBER: 0411000127 EXPIRES: 02-29-2012
PROFESSIONS: ENG
AMEC E&I INC
21740 BEAUMEADE CIRCLE
SUITE 150
ASHBURN, VA 20147

(FOLD)

(DETACH HERE)

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

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

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

EXPIRES ON
02-29-2012

NUMBER
0411000128

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

PROFESSIONS: ENG

AMEC E&I INC
3705 SAUNDERS AVE
RICHMOND, VA 23227

Gordon N. Dixon, Director

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(SEE REVERSE SIDE FOR NAME AND/OR ADDRESS CHANGE)

(POCKET CARD)

COMMONWEALTH OF VIRGINIA

BOARD FOR APELSCIDLA
BUSINESS ENTITY BRANCH OFFICE REGISTRATION
NUMBER: 0411000128 EXPIRES: 02-29-2012
PROFESSIONS: ENG
AMEC E&I INC
3705 SAUNDERS AVE
RICHMOND, VA 23227

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

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COMMONWEALTH OF VIRGINIA

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

EXPIRES ON
02-29-2012

NUMBER
0411000523

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

PROFESSIONS: ENG

AMEC E&I INC
1070 WEST MAIN ST.
SUITE 5
ABINGDON, VA 24210

Gordon N. Dixon, Director

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COMMONWEALTH OF VIRGINIA

BOARD FOR APELSCIDLA
BUSINESS ENTITY BRANCH OFFICE REGISTRATION
NUMBER: 0411000523 EXPIRES: 02-29-2012
PROFESSIONS: ENG
AMEC E&I INC
1070 WEST MAIN ST.
SUITE 5
ABINGDON, VA 24210

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COMMONWEALTH OF VIRGINIA

EXPIRES ON
12-31-2013

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

NUMBER
0407005159

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

PROFESSIONS: ENG

MILESTONE CONSULTANTS INC
1913 HUGUENOT RD STE 201
RICHMOND, VA 23235

Gordon N. Dixon, Director

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COMMONWEALTH OF VIRGINIA
BOARD FOR APELSCIDLA
BUSINESS ENTITY REGISTRATION
NUMBER: 0407005159 EXPIRES: 12-31-2013
PROFESSIONS: ENG
MILESTONE CONSULTANTS INC
1913 HUGUENOT RD STE 201
RICHMOND, VA 23235

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

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
11-30-2012

9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-6500

NUMBER
4008 001190

REAL ESTATE APPRAISER BOARD
BUSINESS REGISTRATION

DIVERSIFIED PROPERTY SERVICES OF VIRGINIA INC

20 E TIMONIUM ROAD SUITE 111

TIMONIUM MD 21093 0000

Gordon N. Dixon, Director

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COMMONWEALTH OF VIRGINIA

REAL ESTATE APPRAISER BOARD
BUSINESS REGISTRATION
NUMBER: 4008 001190 EXPIRES: 11-30-2012
DIVERSIFIED PROPERTY SERVICES OF VIRGINIA INC

20 E TIMONIUM ROAD SUITE 111

TIMONIUM MD 21093 0000

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
06-30-2012

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

NUMBER
0402044936

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

STEPHEN FRANCIS DRUMM
18450 PRETTY BOY DAM ROAD
PARKTON, MD 21120

Gordon N. Dixon, Director

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COMMONWEALTH OF VIRGINIA

BOARD FOR APELSCIDLA
PROFESSIONAL ENGINEER LICENSE
NUMBER: 0402044936 EXPIRES: 06-30-2012

STEPHEN FRANCIS DRUMM
18450 PRETTY BOY DAM ROAD
PARKTON, MD 21120

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COMMONWEALTH OF VIRGINIA

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

EXPIRES ON
04-30-2013

NUMBER
0402033711

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

ERIC P VUGTEVEEN
11220 ABINGDON CIRCLE
RICHMOND, VA 23236

Gordon N. Dixon, Director

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
02-28-2013

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

NUMBER
0402022124

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

JAMES CLICK CLEVELAND
287 SHINGLE OAK LANE
NELLYSFORD, VA 22958

Gordon N. Dixon, Director

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