



STATEMENT OF QUALIFICATIONS

Gloucester Parkway Extension

Loudoun County, Virginia

A DESIGN/BUILD PROJECT



State Project No.: 2150-053-052

UPC No.: 104418

Contract ID Number: C00104418DB68

Date: June 27th, 2013



TY·LIN INTERNATIONAL



ATTACHMENT 3.1.2

Project: 2150-053-052

STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS

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

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 15-page limit?	SOQ Page Reference
Statement of Qualifications Checklist and Contents	Attachment 3.1.2	Section 3.1.2	no	
Acknowledgement of RFQ, Revision and/or Addenda	Attachment 2.10 (Form C-78-RFQ)	Section 2.10	no	
Letter of Submittal (on Offeror's letterhead)				
Authorized Representative's signature	NA	Section 3.2.1	yes	4
Offeror's point of contact information	NA	Section 3.2.2	yes	2
Principal officer information	NA	Section 3.2.3	yes	2
Offeror's Corporate Structure	NA	Section 3.2.4	yes	3
Identity of Lead Contractor and Lead Designer	NA	Section 3.2.5	yes	3
Affiliated/subsidiary companies	Attachment 3.2.6	Section 3.2.6	no	
Debarment forms	Attachment 3.2.7(a) Attachment 3.2.7(b)	Section 3.2.7	no	
Offeror's VDOT prequalification evidence	NA	Section 3.2.8	no	
Evidence of obtaining bonding	NA	Section 3.2.9	no	

ATTACHMENT 3.1.2

Project: 2150-053-052

STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 15-page limit?	SOQ Page Reference
Full size copies of SCC and DPOR registration documentation (appendix)	NA	Section 3.2.10	no	
SCC Registration	3.2.10	Section 3.2.10.1	no	
DPOR Registration (Offices)	3.2.10	Section 3.2.10.2	no	
DPOR Registration (Key Personnel)	3.2.10	Section 3.2.10.3	no	
DPOR Registration (Non-APELSCIDLA)	3.2.10	Section 3.2.10.4	no	
DBE statement within Letter of Submittal confirming Offeror is committed to achieving the required DBE goal	NA	Section 3.2.11	yes	4
Offeror's Team Structure				
Identity of and qualifications of Key Personnel	NA	Section 3.3.1	yes	5-7
Key Personnel Resume – DB Project Manager	Attachment 3.3.1	Section 3.3.1.1	no	
Key Personnel Resume – Quality Assurance Manager	Attachment 3.3.1	Section 3.3.1.2	no	
Key Personnel Resume – Design Manager	Attachment 3.3.1	Section 3.3.1.3	no	
Key Personnel Resume – Construction Manager	Attachment 3.3.1	Section 3.3.1.4	no	
Key Personnel Resume – Lead Structural Engineer	Attachment 3.3.1	Section 3.3.1.5	no	
Organizational chart	NA	Section 3.3.2	yes	9
Organizational chart narrative	NA	Section 3.3.2	yes	8

ATTACHMENT 3.1.2

Project: 2150-053-052

STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 15-page limit?	SOQ Page Reference
Experience of Offeror's Team				
Lead Contractor Work History Form	Attachment 3.4.1(a)	Section 3.4.1	no	
Lead Designer Work History Form	Attachment 3.4.1(b)	Section 3.4.1	no	
Project Risk				
Identify and discuss three critical risks for the Project	NA	Section 3.5.1	yes	10-15

ATTACHMENT 2.10

**COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION**

RFQ NO. C00104418DB68
PROJECT NO.: 2150-053-052

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 05/14/13
(Date)
2. Cover letter of RFQ Addendum No. 1 06/06/13
(Date)
3. Cover letter of _____
(Date)

 June 27, 2013
SIGNATURE DATE
Jose Rodriguez, President
FORT MYER CONSTRUCTION CORPORATION



FORT MYER CONSTRUCTION CORPORATION

2237 33rd Street, NE • Washington, DC 20018-1594 • (202) 636-9535 • FAX (202) 526-8572

June 27th, 2013

Kevin Reichert, P.E.
Alternate Project Delivery Office
Virginia Department of Transportation
1401 East Broad Street
Richmond, Virginia 23219

Letter of Submittal

Re: Gloucester County Parkway
Loudoun County, Virginia
Project No: 2150-053-052, UPC No.: 104418
Contract ID. No. C00104418DB68

Dear Mr. Reichert:

Fort Myer Construction Corporation is pleased to provide information in response to the Request for Qualifications (RFQ) for the Gloucester Parkway Extension Project. Through this submittal, Fort Myer attests to its experience and qualifications in the design and construction of your Project. Above all, Fort Myer is one hundred percent committed to ensuring that this Project is delivered in a cost effective manner, within schedule, and within the highest standards of Safety and Quality Control.

Over its 40 years, Fort Myer has established itself as a preferred contractor of choice in the Northern Virginia area by perfecting its specialty trades. Such trades include excavation, asphalt and concrete paving, granite and concrete curb and gutter installation, exposed aggregate concrete sidewalks, site water, sanitary and storm utilities, and electrical and traffic signaling construction.

Over the years, Fort Myer has constructed new, milled and re-paved public roads as well as hundreds of miles of city streets. Fort Myer has also provided the extension and construction of underground utilities, the repair and construction of bridges, and the construction and rehabilitation of streetlight and traffic signals. Throughout this time, Fort Myer has worked on numerous Design-Build projects, most recently the reconstruction of I-66 in Virginia and the reconstruction of the New York Avenue Bridge in the District of Columbia.

TYLIN INTERNATIONAL

Fort Myer is privileged to be partnering with T.Y. Lin International (TYLI) located in Alexandria, VA. Founded in San Francisco in 1954, TYLI is a multi-disciplinary architectural and engineering firm with over 675 architects, planners, scientists, and engineers sited throughout the United States. TYLI's staff offers a wide range of professional capabilities in the area of bridge and transportation project delivery, providing the U.S. and the global infrastructure market with innovative and cost-effective engineering analysis and design. In partnership with community leaders, transportation officials, and construction and development firms, they create and help build unique structures while emphasizing constructability, value, and schedule.

TYLI has been providing design-build services for more than 50 years and as such understands what it means to work as an integrated team and maintain the objectivity of project goals. Knowing that design-build is a method chosen by owners for reasons such as design and cost control, risk management, schedule efficiencies and single point of delivery, they have established a reputation for defining, designing, managing and delivering superior projects that meet owner expectations every time.

3.2.2 POINT OF CONTACT

Manuel E. Fernandes is the official representative and point of contact for the Fort Myer team with regards to this Proposal. His requested contact information is as follows:

Manuel E. Fernandes, Vice President
Fort Myer Construction Corporation
2237 33rd Street, N.E.
Washington, D.C. 20018

Phone: (202) 636-9535 x2805
Fax: (202) 529-1692
Email: mfernandes@fortmyer.com

3.2.3 PRINCIPAL OFFICER

The principal officer of Fort Myer with whom the Design-Build contract would be executed is Jose Rodriguez. His requested contact information is as follows:

Jose Rodriguez, President
Fort Myer Construction Corporation
2237 33rd Street, N.E.
Washington, D.C. 20018

Phone: (202) 636-9535
Fax: (202) 529- 1692



3.2.4 CORPORATE STRUCTURE

Fort Myer is a corporation in good standing in the Commonwealth of Virginia. It has no liability limitations. Mr. Fernandes, as identified above, will undertake financial responsibility for the Project.

3.2.5 LEGAL NAME OF LEAD CONTRACTOR AND DESIGNER

Lead Contractor: Fort Myer Construction Corporation
Lead Designer: TY Lin International

3.2.6 AFFILIATED COMPANIES

Attachment 3.2.6 can be found in Appendix A.

3.2.7 DEBARMENT FORMS

All team members have executed Primary or Lower-Tiered Debarment. Copies can be found in Appendix B.

3.2.8 PREQUALIFICATION NUMBER AND STATUS

Fort Myer's prequalification number is F034 and its status is "active." Fort Myer is in good standing and prequalified to bid on the Project as outlined in VDOT's Rules Governing Prequalification Privileges. A copy of the certificate can be found in Appendix C.

3.2.9 SURETY LETTER

A letter from a surety or insurance company (with a Best's Financial Strength Rating of A minus and Financial Size Category VIII or better by A.M. Best Co.) has been included in Appendix D. It states the Offeror is capable of obtaining a performance and payment bond based on the current estimated contract value referenced in Section 3.2.9, which bonds cover the Project and any warranty periods.



3.2.10 SCC AND DPOR COMPLIANCE

All business entities on the Fort Myer team satisfy all commercial and professional registration requirements. Full size copies of DPOR licenses and SCC registrations are included in Appendix E along with the completed Attachment 3.2.10.

3.2.11 COMMITMENT TO DBE PARTICIPATION GOAL

Fort Myer is committed to achieving and exceeding the six (6%) DBE participation goal for the entire value of this contract.

The Fort Myer design-build team is committed to meeting VDOT's goals for schedule and cost and exceeding its expectations for quality for the Gloucester Parkway Extension. If you have any questions regarding our proposal, please contact our personnel identified above.

Very truly yours,

FORT MYER CONSTRUCTION CORPORATION


Manuel E. Fernandes
Vice President



3.3 OFFEROR'S TEAM
STRUCTURE

3.3 TEAM STRUCTURE

3.3.1 KEY PERSONNEL

Design-Build Project Manager

Kevin Lange, PE
Fort Myer Construction Corporation

As Design-Build Project Manager, Mr. Kevin Lange, PE brings more than 20 years of construction management experience specializing in Design-Build, heavy civil, structural, and roadway projects. With Fort Myer, Mr. Lange has successfully managed several Design-Build projects including roadway projects for the District Department of Transportation. Mr. Lange will be the single point of contact for the Virginia Department of Transportation, and will be vested with the authority to bind Fort Myer and speak on its behalf.



Quality Assurance Manager

Kaushik Vyas, P.E.,
Quinn Consulting Services, Incorporated

With more than 27 years of relevant experience and construction oversight, Mr. Kaushik Vyas, P.E. will serve as the Quality Assurance Manager (QAM) for the Gloucester Parkway Extension project. Mr. Vyas has served as QAM on several roadway projects throughout Northern Virginia and is very familiar with VDOT's requirements for Quality Assurance and Quality Control on Design-Build projects. Some of Mr. Vyas's experience as QAM includes the construction of I-495 HOT lanes and the recent VDOT Sycolin Road Overpass project.

Mr. Vyas will be closely monitoring Fort Myer Construction Corporation to ensure proper implementation of Quality Control program. He will work closely with the Design Manager to verify that all design work packages submitted for payment have been certified and are in conformance with the contract documents and design QA/QC plan.



Design Manager

Santiago Rodriguez, PE
T.Y. Lin International

Mr. Rodriguez has 27 years of experience and has been with T. Y. Lin International for over 22 years.



He has served as design manager, project manager and QA/QC manager several Design-Build projects and has a thorough understanding of the Design-Build and accelerated design process. He is very familiar with VDOT's policies and procedures. Santiago will be responsible for the coordination of the individual design disciplines and for ensuring the overall Project design is in conformance with the Contract Documents. As Design Manager, he will establish and oversee a QA/QC program for all pertinent disciplines involved in the design of the Project, including review of the design, working plans, shop drawings, specifications, and constructability of the Project. He will be responsible for implementing, monitoring and, as necessary, adjusting the processes to assure quality design. Some of Mr. Rodriguez's relevant projects are; The Indian River Inlet Bridge in Delaware, the I-95 Route.1 Interchange in Alexandria, VA and the I-64 Widening in Kanawha County, which included 3 interchange realignments and 13 bridge reconstructions.

Construction Manager

Austin Anderson
Fort Myer Construction Corporation

Mr. Anderson will serve as the construction manager on this project and will report directly to the Design-Build Manager. He has over six years of construction management experience for bridge structure construction, reconstruction and repairs. Mr. Anderson will be responsible for managing all aspects of project construction, facilitate constructability reviews, and will work closely with the design manager to coordinate potential constructability issues early in the process to avoid construction conflicts and delays. The construction Quality Control Manager, the Superintendents and Safety managers will coordinate directly with Mr. Anderson. He will ensure that all construction material and activities are being implemented in accordance with the contract documents.



Some of Mr. Anderson's relevant experiences are the reconstruction of the Kenilworth Avenue Bridge, and replacement of S. Early Street Pedestrian Bridge in Alexandria, VA.



Lead Structural Engineer

Gopi Sripathy, PE
T.Y. Lin International

Gopi Sripathy has over 20 years of design experience in **TY·LIN** INTERNATIONAL transportation projects and bridge design, including concept development, type studies and preparation of contract documents. Mr. Sripathy has served as senior bridge engineer, QA manager and project manager on numerous complex bridge projects. Some of his relevant project experiences are the Route 1/ I-95 Interchange design, which included 10 straight and curved bridge structures on the interchange, the rehabilitation of New York Avenue Bridge in Washington DC.

For over 12 years he has worked in Virginia and is well versed with VDOT policies and procedures. Mr. Sripathy has extensive experience in Design-Build delivery method both as a consultant to the owner and also as a designer within design build teams. His technical expertise, management experience and knowledge of VDOT procedures will ensure a well coordinated, high quality and successful design of the Gloucester Parkway Bridge over Broad Run.

Additional Team Members

Fort Myer Construction Corporation and T.Y. Lin International are committed to selecting highly qualified sub-consultants, whose complementing expertises are highly beneficial throughout the life of the project. Subsequently, our team members have a wide array of qualities desirable for the delivery of the Gloucester Parkway Road extension and Bridge. In addition to the efficiency associated with years of partnership and familiarity, our team members have experience working with VDOT and on similar Design-Build projects that will allow for this Project to be executed with excellence and ease.

Well qualified and experienced firms contributing to a strong team structure include (* indicates DBE certified firm):

- ***A. Morton Thomas and Associates, Incorporated*** – Roadway, Construction-Engineering Inspection Services, Utilities, Survey, Environmental, Hydraulics
- ****Quinn Consulting Services, Incorporated*** – Quality Assurance Management
- ****T3 Design Corporation*** – Traffic Management, Stormwater Management
- ***Triad Engineering, Incorporated*** – Geotechnical
- ***Travesky & Associates*** – Public Relations, Community Outreach
- ***Bowman Consulting Group, LTD.*** – Right-of-Way



3.3.2 ORGANIZATION CHART NARRATIVE

This team is comprised of members with complementary skills and experience. Most of the team members have previously worked together on similar projects and have an excellent working relationship. VDOT will have one single point of contact through-out the contract duration to ensure a clear communication between the Design-Build team and VDOT. Other Key Personnel will be arranged in a ladder approach; everyone is aware of their counterpart on the design or construction side of the team and open communication is encouraged and required.

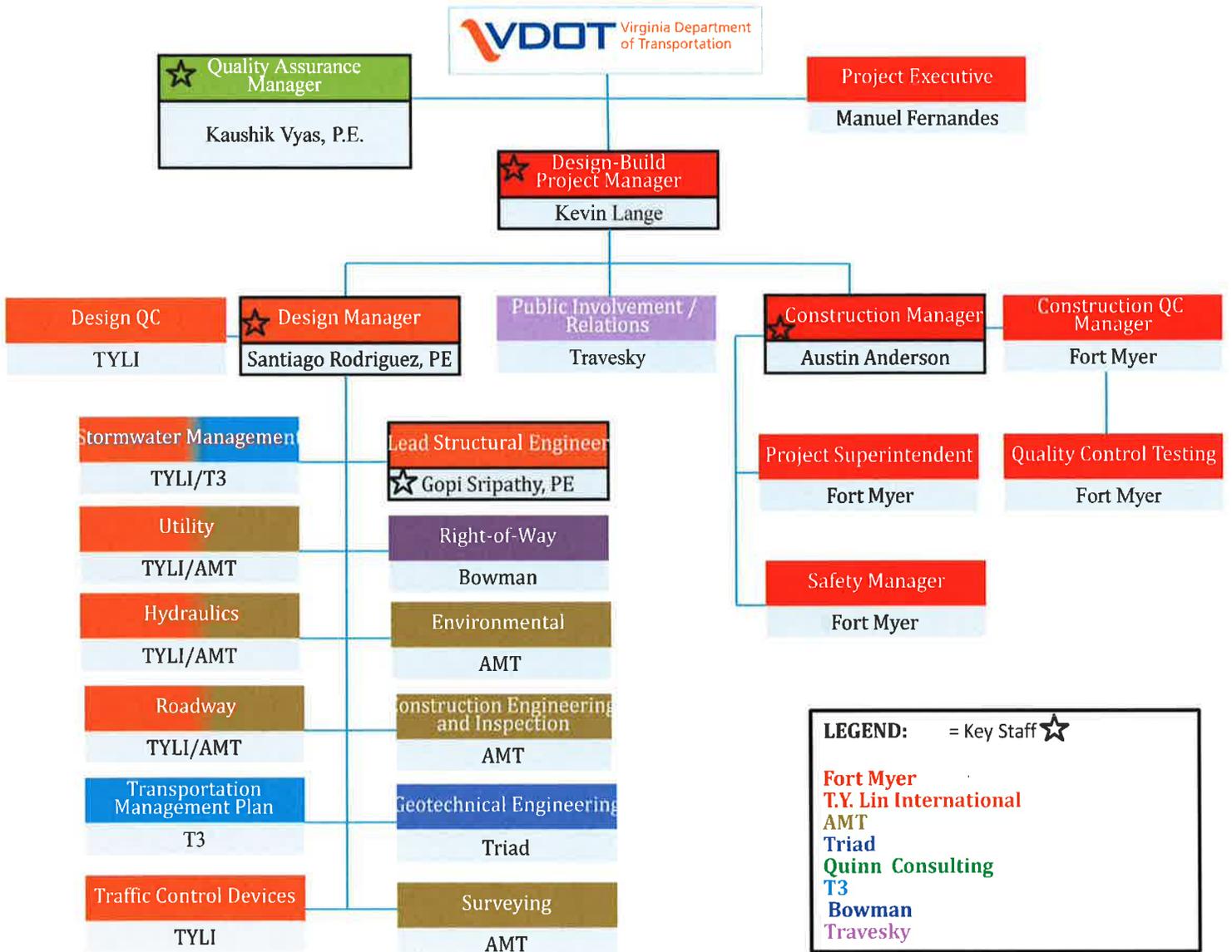
FMCC encourages partnering at all levels, and will implement a formal partnering process to establish goals, identify stakeholders, to generate buy-in and to develop a true level of commitment to the goals of the project. The partnering process will involve all employees, and will include subcontractors and VDOT. TYLI will coordinate the design information to the sub consultants. During the initial design phase, TYLI and sub consultants will work together to establish the level of coordination and communication desired to make this project successful. Mr. Rodriguez who serves as the project Design manager is responsible for oversight and review of the entire design team, including the sub consultants.

The entire design and construction will be independently overseen by Mr. Vyas, who serves as the Quality Assurance Manager. Mr. Vyas is vested with the absolute authority to suspend work on the project should the work fall below applicable and acceptable standards. The Design-Build team will ensure that the Quality Control plan and process, and the authority of the QAM are clearly and completely communicated with all the sub-consultants and subcontractors. In addition to the QAM, the Fort Myer Safety Director will also have the authority to suspend the work of any entity providing labor, materials or services to the Project, should an unsafe condition be observed.

The Design-Build team is using the expertise of Travesky and Associates for public relations and public outreach of this project. The team will maintains coordination with local residents, businesses and stakeholders to ensure that the project information is relayed to them in a timely manner and also to receive any input or concern that they might have.



3.3.2 ORGANIZATIONAL CHART



LEGEND: = Key Staff ☆

Fort Myer
 T.Y. Lin International
 AMT
 Triad
 Quinn Consulting
 T3
 Bowman
 Travesky



ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.

a. Name & Title:

KEVIN LANGE, PE
Senior Design-Build Manager

b. Project Assignment:

Design-Build Project Manager

c. Name of Firm with which you are now associated:



d. Years experience: With this Firm 1 Years With Other Firms 19 Years

2012-Present - Senior Design Build Manager w/ Fort Myer Construction Corporation, Washington DC:

Serves as Senior Design Build Manager for Fort Myer Construction Corporation. Responsibilities include management of overall Project design, construction, quality, and contract administration. Mr. Lange brings a unique asset to design build projects due to his design and construction background.

2005-2012 - Vice President w/ Grade Line Engineering & Construction, LLC Gaithersburg, MD:

Mr. Lange served as Vice President of Construction and as Construction Superintendent. Responsible for roadway utility, construction, project management, and construction management projects. Responsibilities have included water main, sewer main replacement, water service and sewer service installation, grading, and installation of storm water drainage systems.

1992-2005 - Senior Civil-Highway Engineer, Parsons Transportation Group, Washington, DC:

Mr. Lange served as a Senior Civil Highway Engineer for Parsons Transportation Group. He spent over 12 years in design and construction management both in U.S. and overseas. Responsibilities included roadway geometric design, grading, hydraulic analysis and design of stormwater drainage systems, pavement design and traffic analysis for both highway and airport projects, preparation of contract engineer's estimates and contract proposals. Performed construction management on highway construction, bridge rehabilitation and roadway resurfacing and asphalt repair projects. Expertise in various types of CADD, scheduling and traffic analysis software: including HCSS, Microstation, Geopak, INROADS, Autoturn, Primavera, Suretrak, HCS 3.2, SIDRA and Emme/2 (limited).

e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization:

**The Catholic University of America / Bachelor of Civil Engineering / 1992 /
Transportation and Construction 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.

Design-Build Roadways - Wards 3 and 4

Washington, DC

Deputy Project Manager/ Design Project Manager. This project was the first design-build roadway project for the District Department of Transportation. Parsons Transportation Group teamed with Fort Myer Construction Company to design and reconstruct approximately 108 local roadways under one contract. Mr. Lange served as the deputy project manager and design project manager. He led a team of engineers and oversaw all aspects of design as well as monitoring its implementation during construction. His responsibilities included coordination with utility companies and subconsultants. This project included the development of a Project Task Force. This Task Force included Owner Representatives and Design-Build Team Members. The main function of this task force was to be a responsive entity for project issues as they arose and to provide timely solutions so issues would not become critical to the completion of the job. Mr. Lange played a key role in meeting with residents to identify concerns and establish a clear resolution and make the residents part of the process. (Parsons Transportation Group, 2003-2004)

South Capitol Street Near Term Improvements

Washington, DC

Project Manager / Superintendent. This project was part of the roadway improvements sponsored for the new Washington Nationals Park. This project is also one of the first Design-Build projects for the District Department of Transportation. Mr. Lange served as project manager and construction superintendent for the utility construction. His main responsibility included installation of new water and sewer mains which were to be turned over to District of Columbia Water and Sewer Authority. The project required extensive coordination with multiple utility disciplines. Due to site conditions and utility conflicts, Mr. Lange proposed various design changes to avoid conflicts and to complete the project on time. In his role, Mr. Lange frequently discussed design proposals onsite and incorporated changes as needed as to minimize impacts on schedule and costs. His work also included crucial coordination with numerous contractors on adjacent construction projects on this fasttracked project. (Grade Line Engineering & Construction, 2007-2008)

Jay Street Bio-Retention Ponds

Washington, DC

Project Manager/Superintendent. This Design-Build Project was part of the District Department of the Environment (DDOE) green initiative to incorporate green stormwater control practices and Low Impact Design (LID). Mr. Lange served as construction project manager and superintendent. The project included the construction of seven (7) Bio Retention Ponds to relieve Jay Street of continuous flooding issues as well as provide a greener environmentally-sensitive alternative. The project had multiple challenges including utility conflicts. Mr. Lange not only served as construction superintendent, but also was main liaison with designer of record (A. Morton Thomas) to offer suggestions to minimize alterations to pond while still maintaining design capacity. (Grade Line Engineering & Construction, 2011)

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.

a. Name & Title:

SANTIAGO RODRIGUEZ, SE, PE
Associate Vice President

b. Project Assignment:

Design Manager

c. Name of Firm with which you are now associated:

TYLIN INTERNATIONAL

d. Years experience: With this Firm 22 Years With Other Firms 4 Years

Please list chronologically your employment history, position and general experience or fields of practice for the last fifteen(15) years:

1990-1992 - Design Engineer w/ TYLI: Responsible for aiding in the planning and design of Transportation related projects, including Project Studies and plans, specifications, and estimate (PS&E) documents.

1993-1997 - Project Engineer w/ TYLI: Responsible for planning and scheduling of engineering work and performing more advanced design in the field of bridge engineering.

1998 - 2004 - Senior Project Engineer w/ TYLI: Lead Design Engineer and Project Manager for transportation structures. Responsible for project delivery and technical expertise related to bridge design. Served as Lead QA/QC reviewer and Independent Checker for bridge projects.

2005 – Present - Senior Associate w/ TYLI: Structural Technical Leader and Project Manager for the Design of Transportation Projects. Supervisor and mentor for junior engineers.

2006 - Present - Associate Vice President w/ TYLI: Project Manager for multidisciplinary design teams including Design-Bid-Build and Design-Build procurement. Managed design teams and subconsultants working on accelerated design schedules. QA/QC Manager for bridge projects.

Santiago Rodriguez has 23 years of design experience in transportation projects including concept development, type studies, and preparation of contract documents. During the last 13 years he has worked in Virginia and he is very familiar with VDOT's policies and procedures and he has managed the design of complex bridge and roadway projects. Mr. Rodriguez has also extensive experience with the Design-Build delivery method; both as a consultant to the owner and as designer within design build teams. His Design Management experience and knowledge of the VDOT procedures makes him well prepared to manage the design.

e. Education: Degree(s)/Year/Specialization:

MSE / 1990, / Structural Engineering
BS, MS / 1986 / Civil and Structural Engineering

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

1992 / Professional Engineer / VA Registration #0402 034240

g. Document the extent and depth of 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.)

I-64 Widening, Kanawha County, WV

Project Manager responsible for the widening of approx. 4.35 miles along I-64 near Charleston. The design and construction services included the ramp realignment of 3 interchanges, widening and redecking of 13 bridges, reconstruction in place of one bridge, study and design of a major bridge spanning the Kanawha River on a new alignment, rehabilitation of the existing Kanawha River Bridge, detailed maintenance of traffic plans, storm drainage, final signing and pavement marking plans, and right of way plans. The project is split into nine construction contract on a fast track schedule. Project subconsultants within the design team included geotechnical, surveying, lighting and electrical. The total construction cost for was \$150 Million. (TYLI, 2005-2011).

Indian River Inlet Bridge (Design-Build), Bethany Beach, Delaware

Mr. Rodriguez was the Project Manager for TYLI acting as the Owner's consultant for the Design-Build Procurement, Design and Construction of a 1,000-foot span cable-stayed concrete bridge. The project included the review of the RFP. Review of proposals from design-Build Teams, design review of the selected proposal and construction engineering and inspection during construction. The project scope included bridge engineering, roadway design, geotechnical and electrical engineering.

The current Indian River Inlet Bridge on SR 1 provides a critical link on the Eastern seaboard between Bethany Beach and Dewey Beach. Due to severe scour experienced in the area, the bridge was scheduled for replacement with a new structure that will have an overall length of 2,600 feet and a main span of 1,000 feet. The segmental cable-stayed main span unit allows the bridge to cross the inlet without any piers in the water and provides for the future potential widening of the inlet. (TYLI, 2006-2011)

Veteran's Memorial Bridge (Design-Build), Portland to South Portland, ME

Mr. Rodriguez served as QA/QC Manager for the independent design check of a seven span, dual-segmental box girder bridge replacement. This bridge replacement project was awarded through a design-build contract which included a new alignment, interchange coordination, widening of a separate bridge, and large coordination efforts among civil engineering disciplines. Primary responsibilities included managing the independent design team to verify compliance with the contract requirements. (TYLI, 2010 – 2011)

I-95 / Route 1 Interchange, Alexandria, VA

Design Manager for the I-95 / Route 1 Interchange segmental alternative. This interchange was part of the Woodrow Wilson Memorial Bridge replacement project, and included design improvements to the existing interchange to accommodate the new 12-lane Beltway configuration. The three-level interchange features extensive construction staging and requires maintenance of eight lanes of Beltway traffic at all times. Other project constraints included tight right-of-way restrictions and construction in wetlands, waterways, and tidal flats. Mr. Rodriguez led the design team that developed a segmental concrete alternate with more than 700,000 square feet of bridges. He was a Technical Advisor for the design of the girder bridges selected for construction. (TYLI, 1999-2008)

Bridges over Chechessee and Broad Rivers (Design-Build), Beaufort/Jasper Counties, SC

As Design Manager Mr. Rodriguez developed the preliminary design for these two bridges in this design build project. The bridges have a total of 73 spans designed with precast girders. Typical span length is 147 ft, the main span is 180 ft long. (TYLI, 1999)

ATTACHMENT 3.3.1
KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.
Name & Title Kaushik Vyas, P.E., Quality Assurance Manager
b. Project Assignment: Quality Assurance Manager
c. Name of Firm with which associated: Quinn Consulting Services, Incorporated
d. Years experience: With this firm: 3 With Other Firms: 24 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): Quinn Consulting Services, Inc., Quality Assurance Manager – March 2010 to Present , As quality assurance manager, worked exclusively on VDOT design-build projects in lead QA and QC roles. TRC, formally Site-Blauvelt, Transportation Engineer – April 2001 to March 2010 , As Transportation Engineer, performed overall Quality Assurance Control, in line with VDOT PPTA Project QA/QC Guidelines. Gujarat Electricity Board, Civil Engineer – June 1985 to July 2000 , As Civil Engineer, Worked as a Civil Engineer in Power Plants (Generation Wing), dealt with construction, maintenance of plant and technical matters of Thermal power plant project.
e. Education: Location of Institution/Degree(s)/Year/Specialization: Gujarat University, Ahmedabad, India / BS / 1983 / Civil Engineering
f. Active Registration: Year First Registered/ Discipline/VA Registration #: Professional Engineer VA 2004 / Civil Engineer / 0402 039004
g. Document the extent and depth of 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 ending dates of each assignment. (List at least (3), but no more than (5) relevant projects for which you have performed a similar function).
1. Sycolin Road Overpass Design-Build Project 2013 to Present. The Project is located at the intersection of Sycolin Road with the Route 7-15 Bypass in the Town of Leesburg in Loudoun County, Virginia. This project will improve safety and operations along the Route 7-15 Bypass by building a grade separated bridge for Sycolin Road over the Route 7-15 Bypass and removing the existing signalized intersection. Sycolin Road will be reconstructed as a four-lane undivided overpass with no direct connection to the Route 7 Bypass after the Project is complete. Pedestrian access will be provided on the proposed bridge with a sidewalk on the south side of Sycolin Road and a shared-used path on the north side of Sycolin Road. The shared-use-path will be barrier-separated from the vehicular traffic across the bridge. As the QAM, Kaushik is responsible for the Quality Assurance of the roadway, bridge and other physical construction operations, including the QA testing technicians. The QAM has the authority and responsibility to stop any work not being performed in accordance with the Contract requirements or lacking the QA/QC documentation necessary to prove that the work meets the Contract requirements. The QAM will determine and certify to VDOT whether the materials and work comply with the Contract Documents. The QAM will conduct preparatory inspection meetings in accordance with Section 5.3.3 of the VDOT's Minimum QA/QC Requirements Manual prior to the start of any new work. Kaushik is also responsible for overseeing and directing the independent quality assurance testing and inspections, comparing the QA and QC tests to ensure that they are within the tolerances established by VDOT's Minimum QA/QC Requirements Manual, and certifying that the work is completed in accordance with the Contract Documents. Owner Contact: VDOT – Northern Virginia District, 4975 Alliance Drive, Fairfax, VA 22030, Mr. Sanjeev Suri (703) 259-2232
2. I-495 HOT Lanes Design-Build Project – Quinn Consulting Services, Inc. Resident Area Engineer November 2010 to February 2013. Resident Area Engineer on this nearly 2 billion dollar public-private Capital Beltway Project that includes widening of approximately 14 miles of High Speed, High Traffic flow Interstate, widening/replacement of over 50 bridges, construction of new HOV toll lanes, upgrades to 12 key interchanges and new soundwalls and carpool ramps. Responsibilities included oversight of quality control operations; daily staff assignments in the field; analyzing and interpreting project plans and specifications; participating in weekly progress meetings; working closely with contractors to identify and resolve problems; monitoring and reviewing daily diaries prepared by inspection staff; preparing deficiency and non-compliance reports; ensuring materials testing was performed in accordance with project specific QA/QC Plan and VDOT QA/QC Minimum Standards for Design-Build and PPTA Projects; working directly with General Contractor, Engineering and VDOT oversight personnel to discuss and/or recommend resolutions for field construction problems. Owner Contact: VDOT – Northern Virginia District, 4975 Alliance Drive, Fairfax, VA 22030, Mr. Chris Carter (703) 259-1995

3. Design-Build, Route 15 Widening, Prince William County, Virginia – TRC (formally Site-Blauvelt) Quality Control Manager November 2007 to November 2010. Project included five different phases for widening Route 15 from Route 66 Interchange to Sudley Road which involves Old Carolina Road, Heathcote Boulevard and Waterfall Road Widening. Project also included three bridges. Served as the Quality Assurance Control Manager providing coordination with QA/QC Teams for execution of the work according to plans & VDOT Specifications. Responsibilities included checking test reports, daily reports, safety reports, environmental reports, coordination with companies for utility relocations, and also with public relations in regards to the project.

Owner Contact: Prince William County, 1 County Complex Court (MC460), Prince William, Virginia 22192-9201, Mr. Khattab Shammout, (703) 792-6826

4. Linton Hall Road Widening, Prince William County, Virginia-TRC (formally Site-Blauvelt) Quality Assurance Control Manager November 2007 to November 2010. Project included bridge over Broad Run Creek and Roadway Widening up to Route 28. Served as the Quality Assurance Control Manager providing coordination with QA/QC Teams for execution of the work according to plans & VDOT Specifications. Responsibilities included checking test reports, daily reports, safety reports, and environmental reports. Also worked closely with utility companies during facility relocations and addressed public inquiries as related to the project.

Owner Contact: Prince William County, 1 County Complex Court (MC460), Prince William, Virginia 22192-9201, Mr. Khattab Shammout, (703) 792-6826

5. Spriggs Road Improvements Project, Prince William County, Virginia-TRC (formally Site-Blauvelt) Quality Assurance Control Manager May 2006 to October 2007. Project which included widening of Spriggs Road to make it a four-lane divided highway between Minnieville Road and Hoadly Road. Project also included the construction of access roads, MSE walls, and utility relocation. Responsibilities included interpreting geotechnical reports as related to actual field conditions and recommending solutions when unsuitable soils were encountered. Monitored ongoing roadway drainage work and soil stabilization work and prepared daily reports, pay item summaries, and project schedule reports.

Owner Contact: Prince William County, 1 County Complex Court (MC460), Prince William, Virginia 22192-9201, Mr. Khattab Shammout, (703) 792-6826

ATTACHMENT 3.3.1
KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.

a. Name & Title:

**GOPI K. SRIPATHY, P.E.,
Senior Bridge Engineer**

b. Project Assignment:

Lead Structural Engineer

c. Name of Firm with which you are now associated:

TY·LININTERNATIONAL

d. Years experience: With this Firm 13 Years With Other Firms 7 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.):

Gopi Sripathy has over 20 years of design experience in transportation projects including concept development, type studies and preparation of contract documents. For over 12 years he has worked in Virginia and is familiar with VDOT policies and procedures. Mr. Sripathy has good experience in Design-Build delivery method both as a consultant to the owner and as designer within design build teams. His technical expertise, management experience and knowledge of VDOT procedures makes him well prepared to manage this project.

1996 - 1999 – Bridge Engineer – Mackin Engineering Company, Harrisburg, PA

Responsible for design of superstructure and substructure bridge elements, developed final contract plans, prepared specifications, quantities and cost estimate

1999 - 2000 – Bridge/Structural Engineer – Delon Hampton & Associates, Silver Spring, MD

Responsible for design of bridge elements, prepared specifications, quantities and cost estimate, reviewed and approved shop drawings

2000 - 2004 – Project Engineer – T Y Lin International, Alexandria, VA

Responsible for design of new bridges and rehabilitation of existing bridges, developed final contract plans, prepared specifications, quantities and cost estimate, provided construction services, performed load rating of bridges, performed quality control on project deliverables

2004 - Present – Senior Bridge Engineer / Project Manager – T Y Lin International, Alexandria, VA

Responsible for managing project budget, schedule, contracts & technical design team, coordinated with clients, contractors, sub-consultants & suppliers, managed project from conceptual stage to final PS&E stage, managed & provided construction services, supervised and mentored junior engineers, prepared business proposals, found teaming partners, performed QA/QC on contract documents and sub-consultant work, actively participated in local professional organizations

e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization:

MS / 1992 / Structural Engineering

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

2012 / Professional Engineer / VA Registration # 0402051129

- 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.)

US301 Section 1 and Section 2 bridges, New Castle County, DE

Served as Project Manager. T Y Lin was part of the GEC team; US301 corridor included 24 highway bridges, 2 retaining walls and 2 culverts; Primary objective of this project was to manage truck traffic, improve safety and reduce congestion in the corridor; Managed project technical team; Prepared budget & schedule; Coordinated with client and design consultants; Reviewed contract plans, design calculations, specifications, quantities & cost estimate from pre-TS&L to final PS&E stage; Compiled review comments and resolved issues with team; Developed bridge design guidelines for the project; Prepared bridge aesthetic guidelines; provided support for value engineering; **(T Y Lin, 2009-2012)**

Route 1 / I-95 Interchange, Alexandria, VA

Served as Senior Bridge Engineer / Project Engineer. T Y Lin project scope included final design of 10 straight and curved bridges on the interchange. This project involved extensive construction staging, ground improvements, ROW constraints, construction in wetlands/waterways. Bridge superstructure type included both concrete and steel curved with span range from 60 to 150ft. Responsible for guiding technical design team, performed final design of bridges from conceptual stage to final PS&E stage, managed & provided construction services, QC contract documents and sub-consultant work. **(T Y Lin, 2000-2008)**

I-64 Widening, Kanawha County, WV

Served as Senior Bridge Engineer. Project scope included widening of approximately 4.35 miles of I-64 near Charleston. The design and construction services included ramp realignment of 3 interchanges, widening and re-decking of 13 bridges, final design of Kanawha River bridge, detailed MOT plans, storm drainage, final signing and pavement marking plans and ROW plans. The project was split into nine (9) construction contracts on a fast track schedule. Project sub-consultants within design team included Geo-technical, Surveying, Lighting and Electrical. The total construction cost was \$150 Million. Prepared final contract documents, provided direction to technical design team, performed final design of bridges from conceptual stage to final PS&E stage, managed & provided construction services, QC contract documents and sub-consultant work. **(T Y Lin, 2005-2011)**

Rehabilitation of New York Av Bridge, Washington DC

Served as QA Manager. The project scope involves superstructure replacement and substructure rehabilitation of existing WB and EB bridges on New York Av spanning Amtrak, CSX transportation and WMATA railroads. Scope also included preparing MOT plans and coordination with railroad. Provided innovative design to improve constructability and schedule while achieving cost effectiveness. This project was a Design-Build alternate delivery method. Substructure rehabilitation included retrofitting and engaging existing substructure and foundations to support new multi-girder superstructure with a PT concrete deck. Performed QA on contract documents. **(T Y Lin 2010-2012)**

Longwood University Bridges at Lancer Park, Farmville, VA

Served as Senior Bridge Engineer. Project scope included final design of vehicular and pedestrian bridges. This project was a Design-Build alternate delivery method. T Y Lin scope included final design of substructure and retaining walls. Superstructure on this project included prefabricated steel truss. Project sub-consultants within design team included Geo-technical, Surveying and Civil. Prepared final contract documents, provided direction to design team, performed final design of substructure, worked extensively with the contractor and provided construction services. **(T Y Lin, 2008-2009)**

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.
a. Name & Title: AUSTIN ANDERSON Project Manager - Bridge Division
b. Project Assignment: Construction Manager
c. Name of Firm with which you are now associated:  WASHINGTON, D.C.
d. Years experience: With this Firm <u>5</u> Years With Other Firms <u>1</u> Years Please list chronologically your employment history, position and general experience or fields of practice for the last fifteen(15) years: 2003 – 2007 – Student at Virginia Polytechnic Institute and State University (Virginia Tech) Summer 2007 - Kiewit Southern Company, Miami, FL: Responsible for Quality Control as Engineer Intern 2007-current - Senior Project Manager w/ Fort Myer Construction Corporation (FMC): Responsible for providing managerial, technical, and administrative support for assigned projects. Also responsible to coordinate with regulatory agencies, sub-contractors, contract compliance, scheduling, change order negotiation and issuance, and invoicing.
e. Education: Degree(s)/Year/Specialization: BS / 2007 / Civil Engineering
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 2008 / Engineer-In-Training Certification (EIT) A. Anderson will hold all necessary certifications prior to the commencement of construction.
g. Document the extent and depth of experience and qualifications relevant to the Project. <ol style="list-style-type: none"><i>Note your specific responsibilities and authorities for each assignment, not those of the firm.</i><i>Note whether experience is with current firm or with other firm.</i><i>Provide beginning and end dates for each assignment.</i> (List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.) Rehabilitation of Burning Tree Road Bridge over Booze Creek Reconstruction of existing bridge for Montgomery County Department of Public Works including demolition of existing concrete slab and asphalt overlay superstructure, rehabilitation of existing concrete abutments, erection of new precast concrete slabs and post-tensioning and architectural concrete parapet. Other work included roadway approach reconstruction, milling and paving and new sidewalk. Project Management duties include scheduling, technical support, material submittals and ordering, coordination with subcontractors and field staff and quality control. (FMC, 2008 – 2009)

Reconstruction of Kenilworth Avenue, Washington, DC

Five phase bridge and roadway reconstruction project valued at \$35M on Kenilworth Avenue in Northeast Washington, DC. Work included reconstruction of four bridges, installing bridge caissons and steel pile foundations, MSE retaining walls, roadway reconstruction and all new streetlight and storm water management reconstruction. As Assistant PM duties included management of over 15 subcontractors, scheduling, tracking contract quantities and invoicing. Other duties included material ordering and quality control. (FMC, 2007 – 2009)

Diamond Teague Park, Washington, DC

Major work included on this \$7M project for the Office of the Deputy Mayor for Planning and Economic Development was a pedestrian access pier from the shore to the Earth Conservation Corps building, a floating commercial concrete dock, aluminum gangways from the dock out to the access pier and all new European-inspired exterior lighting. Other work included a landside boardwalk linked to a second dock with aluminum gangways, shoreline improvements with landscaping and new site furnishings. As Project Manager daily tasks include scheduling, technical support, material submittals and ordering, coordination with subcontractors and field staff and quality control. (FMC, January 2009 – September 2009)

Alexandria Bridge Maintenance & Repair, Alexandria, VA

Maintenance and repair contract of 12 bridges. Work includes deck joint replacement, concrete wall and abutment repair, pier repair, painting, slope protection and other miscellaneous maintenance repairs based on inspection reports. As Project Manager tasks that were coordinated closely with the City of Alexandria Transportation & Environmental Services Division include scheduling, technical support, material submittals and ordering, coordination with subcontractors and field staff and quality control. (FMC, 2009 – Present)

Replacement of S Early Street Park Pedestrian Bridge, Alexandria, VA

Design Build Pedestrian Bridge Replacement. Substructure and Bridge was designed based on performance specifications. Work included removal of existing bridge, construction of new abutments, erection of new bridge and stonedust walking trail. Performed Project Management, scheduling, technical support, material submittals and ordering, coordination with subcontractors and field staff and quality control tasks. (FMC, March 2010 – June 2010)

**3.4 EXPERIENCE OF
OFFERORS TEAM**

ATTACHMENT 3.4.1(a)

LEAD CONTRACTOR - WORK HISTORY FORM

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. Contract Value (in Thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement. (in thousands)
					Contract Value (Original)	Contract Value (Actual or Estimated)	
New York Avenue, NE from Florida Avenue/4th, Penn and Neal Streets Washington, DC	Fort Myer Construction Corporation is the lead Contractor. T.Y. Lin is the Prime Designer-of-Record. Greenhorne & O'Mara is a sub consultant.	District of Columbia Department of Transportation Infrastructure Project Management Admin. (IPMA) Mr. Ali Shakeri, PE Program Manager, Wards 5&6 64 New York Avenue, NE Washington, DC 20001 Phone: 202-671-4612	Dec. 2012	Dec. 2013 (Est.)	\$25,000	\$32,000	\$32,000

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant.

The New York Avenue project includes a value engineering alternative consisting of superstructure replacement and substructure rehabilitation of the existing West and East Bound bridges located at New York Avenue, spanning over Amtrak, CSX transportation and WMATA railroads. With concurrent improvement projects occurring on other DC roads, limiting traffic impacts on the already-congested New York Avenue corridor is a top goal of the District of Columbia department of transportation. Additional goals of the project include an upgrade of existing utility infrastructure and superstructure, repair of bridge piers and abutments, and improvements to approach roadways, pedestrian sidewalks, and improvements to roadway lighting features.

Specifically, this design-build project involves the demolition, removal, lowering and reconstruction of the twin-span New York Avenue bridge superstructure and piers, widening of existing abutments and construction of a new historic sidewalk rail. Construction includes removal of the existing bridge deck, barriers, lighting, girders, beams, bracing, piers and bearings; new beam seats, back wall and pier columns; reinforced concrete deck and joints at each abutment; design, installation and removal of temporary structures to support construction and safety protection of construction personnel working over high-voltage wires and rail tracks. Electrical work includes rehabilitating or replacing bridge and roadway lighting; and pavement restoration to New York Avenue to match the elevation change of the bridge abutments.

FMCC engaged T.Y.Lin to provide an innovative design that would address issues such as improved constructability and schedule compressions while achieving cost effectiveness. The proposed value engineering includes retrofitting and re engaging the existing substructure and foundations units to support a new multi-girder superstructure systems. In addition to the structural complexities, other challenges include the maintenance of traffic, coordination with railroad, and the complex geometric layout of the existing structure.

Fort Myer successfully worked with the following stakeholders on this project:



Project Features

- Design-Build Bridge Widening
- Heavily traveled and most congested transportation corridors in District of Columbia
- Concurrent improvement projects in the same corridor
- Public Awareness
- Teamed with T.Y. Lin International and Greenhorne and O'Mara for the design aspect of the project
- Upgrade of existing Amtrak Electrical Infrastructure
- Improvements to roadway lighting fixtures
- Improvements to approach roadways and pedestrian sidewalks

Scope and Complexity Similarities

- Design-Build project
- Heavily traveled and most congested transportation corridors
- Coordination between concurrent improvement projects in the same region
- Public relations
- Asphalt Paving
- Night time Work

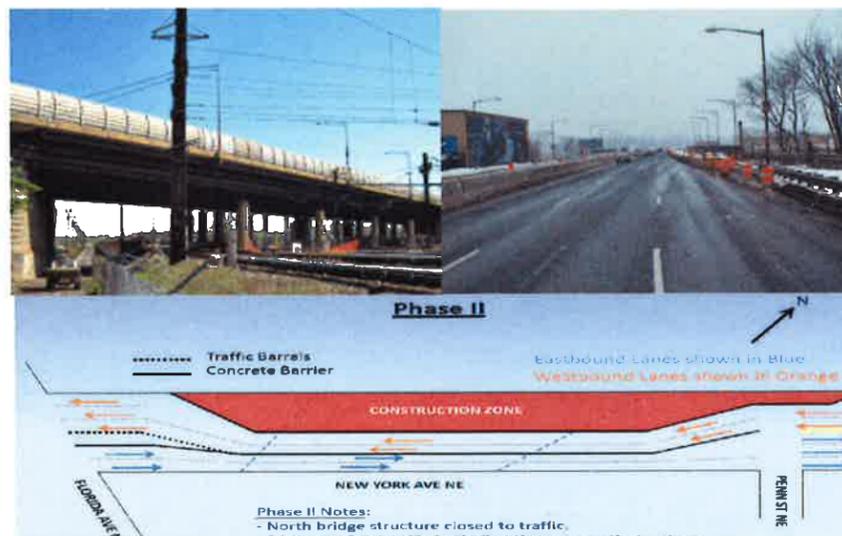
Evidence of Good Performance

MOT: Working on a busy project location can propose several challenges when it comes to addressing traffic-related issues. The FMCC team handled MOT with great precision, safety, on time and within budget.

Lessons Learned

Planning: Originally a Design-Bid-Build project, this project turned into Design-Build during a later phase. The FMCC team gained valuable experience working with five major stakeholders and satisfying all of their demands in a timely manner. Advanced planning played a key role in meeting project goals.

Lead Contractor: Fort Myer Construction Corporation



ATTACHMENT 3.4.1(a)

LEAD CONTRACTOR - WORK HISTORY FORM

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. Contract Value (in Thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement. (in thousands)
					Contract Value (Original)	Contract Value (Actual or Estimated)	
Route 120 (Glebe Road) Over Route 50 Bridge Deck Replacement & Widening	Fort Myer Construction Corporation is the Contractor. DESIGNER: Volkert, Inc	Virginia Department of Transportation; NOVA District Structure & Bridges Jay Babra Construction Manager 703-259-2944	Oct. 2012	Oct. 2012	\$4,897	\$6,504	\$3,845

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant.

As the lead contractor, Fort Myer Construction Corporation successfully completed the design-bid-build Glebe Road Bridge Deck Replacement and Widening project in Arlington County for the Virginia Department of Transportation. Originally built in 1954, the Glebe Road Bridge developed into a vital north-south corridor serving approximately 35,000 vehicles over Arlington Boulevard each day, including 300 transit bus trips per day for routes carrying more than 8,500 riders per weekday. To ensure that delays to the traveling public were mitigated during construction, Fort Myer and VDOT utilized an Accelerated Bridge Construction method utilizing precast bridge deck panels. To augment the Accelerated Bridge Construction, Fort Myer was responsible for executing seamless overnight operations involving several trades to guarantee that traffic could safely utilize the bridge during daytime hours. Performing the bridge deck replacement during off peak hours allowed for full capacity of the bridge during critical peak hours for daytime congestion and limiting traffic disruption to night time traffic.

The entire Glebe Road bridge deck, approximately 100 feet long, was replaced with pre-cast, pre-stressed concrete panels. The new 27 feet widening of the bridge provided for a much needed dedicated left turn lane onto Route 50 westbound to further alleviate congested northbound traffic, as well as improved bicycle and pedestrian sidewalks in both directions. Additional infrastructure improvements included new LED street lighting, new traffic signals at the bridge approaches, structural steel cleaning and painting along with drainage improvements within the project limits.

Project Features

- **Bridge Widening**
- **A 17-foot shared-use path on one side and 11-foot sidewalk on the other**
- **A northbound left-turn lane to Route 50, expected to improve reliability of transit operations at this location**
- **Public Outreach**
- **Critical maintenance of traffic**
- **Heavily traveled/highly congested roadway**
- **Decorative wrought-iron picket fencing, brick medians, gateway pillars and LED lighting**

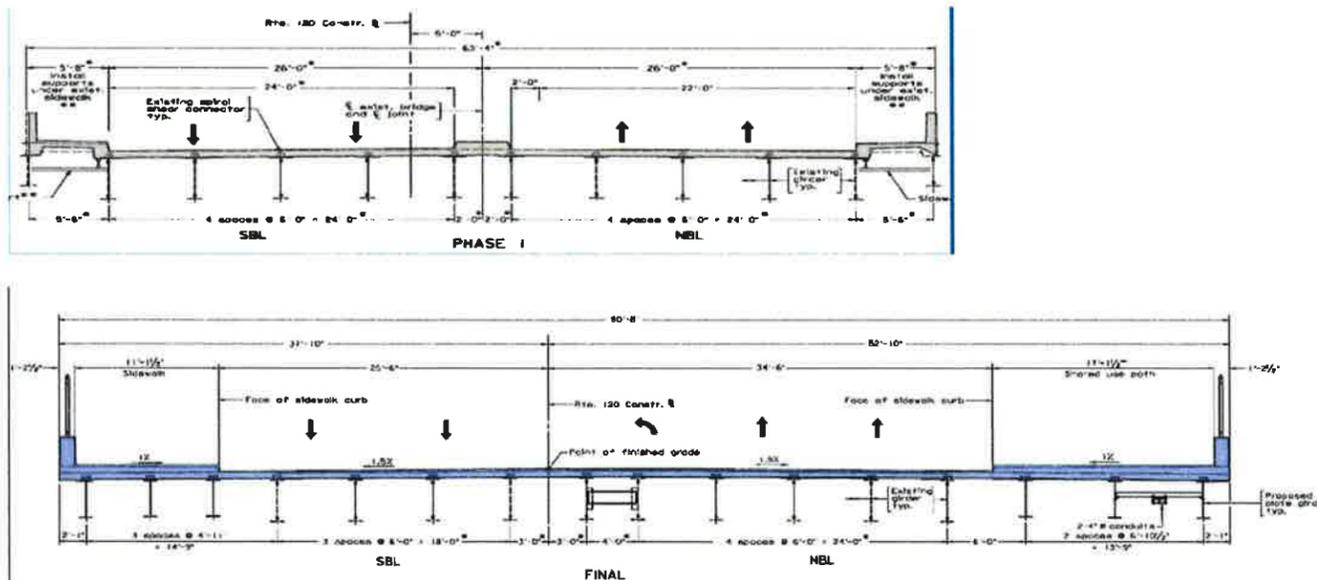
Scope and Complexity Similarities

- **Bridge Widening Project**
- **Precast Superstructure**
- **Critical Maintenance of Traffic**
- **Heavily traveled/highly congested roadway**
- **Roadway Infrastructure Improvements**

Evidence of Good Performance

Fort Myer and VDOT successfully partnered to further reduce impact to the existing bridge and accelerate construction by constructing the new retaining walls outside of the existing walls to support the adjacent roadway. This engineering approach eliminated very difficult shoring in confined space and saved VDOT cost by utilizing a portion of the existing structure.

Lead Contractor: Fort Myer Construction Corporation



Lessons Learned

FMCC handled this project with a very effective strategy, since the project entailed a highly congested roadway and bridge. There was never a traffic mitigation problem and FMCC hopes to imply the same strategies on projects of similar magnitude and nature.

ATTACHMENT 3.4.1(a)

LEAD CONTRACTOR - WORK HISTORY FORM

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. Contract Value (in Thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement. (in thousands)
					Contract Value (Original)	Contract Value (Actual or Estimated)	
Kenilworth Avenue NE & I-295 Washington, DC	Fort Myer Construction Corporation is the Contractor. DESIGNER: LD CA (Legion Design / Campbell & Associates)	District of Columbia Department of Transportation Infrastructure Project Management Admin. (IPMA) Mr. Ali Shakeri, PE Program Manager, Wards 7&8 64 New York Avenue, NE Washington, DC 20001 Phone: 202-671-4612	Oct. 2009	Nov. 2010	\$32,983	\$37,141	\$37,141

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant.

This project included the reconstruction/construction of five bridges and the roadway reconstruction of Kenilworth Avenue (I-295) in northeast Washington, DC. Major work included three single-span bridges over Watts Branch Creek, one two-span bridge crossing over Nannie Helen Burroughs Avenue NE, and 1/2 mile of roadway reconstruction and rehabilitation of Kenilworth Avenue NE and the adjacent east and west service roads. Successful completion of this project required drilling caissons for bridge piers, driving steel H-piles for the abutment foundations, ground improvement by compaction grouting to stabilize bridge and retaining wall foundations, and constructing 1500 linear feet of Mechanically Stabilized Earth (MSE) walls. Other work included a new 16" water line and storm drain system, street lighting/traffic signal system, and three art structures with special lighting.

As construction had to be performed on one of D.C.'s busiest interstates, Maintenance of Traffic was a critical component. To reduce congestion for nearly 130,000 daily commuters, Fort Myer Construction utilized a movable barrier system to maintain three lanes in any one direction during peak hours. To avoid unnecessary congestion due to easily resolvable incidents, Fort Myer kept a tow truck on site. This proved effective in minimizing delays.

Fort Myer encountered a significant unforeseen site condition in an unmarked 48" sewer line that directly conflicted with the project work. Because Fort Myer possessed the material and supplies necessary to resolve this conflict it was able to complete this project with only minimal delay.

Project Features

- Multiple Bridge replacement
- Bridge Widening
- Asphalt Overlay through the project limits
- Safety and hardware upgrades
- Public Outreach
- Critical maintenance of traffic
- Heavily traveled/highly congested roadway
- MSE walls and Utility relocation

Scope and Complexity Similarities

- Bridge Widening
- Asphalt Overlay through the project limits
- Safety and hardware upgrades
- Public Outreach
- Critical maintenance of traffic
- Heavily traveled/highly congested roadway

Evidence of Good Performance

The project was completed on time and within the budget. There were ZERO accidents on the project and the project was delivered with the highest standard of quality.

Lessons Learned

FMCC handled this project with a very effective strategy, since the project included five bridges and half mile of roadway reconstruction. There was never a traffic mitigation problem and FMCC hopes to imply the same strategies on projects of similar magnitude and nature.

Lead Contractor: Fort Myer Construction Corporation



ATTACHMENT 3.4.1(b)

LEAD DESIGNER - WORK HISTORY FORM

a. Project Name & Location	b. Name of the prime/ general contractor responsible for overall construction of the project.	c. Contact information of the Client and their Project Manager who can verify Firm's responsibilities.	d. Construction Contract Completion Date (Original)	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement.(in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
New York Avenue, NE from Florida Avenue/4th, Penn and Neal Streets Washington, DC	TYLI - Alexandria, VA is the Prime Designer-of-Record for DB Contract Change order #2. Name: Fort Myer Construction Corporation is the Contractor.	Name of Client.: DC Department of Transportation/ IPMA Project Manager: Mr. Ali Shakeri, PE, Program Manager, Wards 5 & 6 Phone: 202-671-4612 Email: ali.shakeri@dc.gov	2012	2013 est.	\$25,000	\$32,000	\$800
Initial design performed by 3 rd party. Different site conditions found and amended design required to address constructability issues, approval process by the Railroads and elimination of the entire catenary relocation as included in the original Design-Bid-Build contract.							

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant.

New York Avenue, NE includes a value engineering alternative completed by T.Y. Lin International – Alexandria, VA, consisting of superstructure replacement and substructure rehabilitation of the existing West and East Bound bridges located at New York Avenue, spanning over Amtrak, CSX transportation, WMATA, Marc and VRE railroads. With concurrent improvement projects occurring on other DC roads, limiting traffic impacts on the already-congested New York Avenue corridor is a top goal of DDOT. Additional goals of the project include upgrade of existing utility infrastructure, upgrade of superstructure using accelerated construction techniques, repair of bridge piers and abutments, improvements to approach roadways, improvements to pedestrian sidewalks and improvements to roadway lighting features as well as aesthetic treatment of the bridges and approaches including two gateway monuments. The main intent of the project is to add redundancy to the existing two-girder superstructure with minimal impacts on the railroads catenary systems attached to the existing girders.

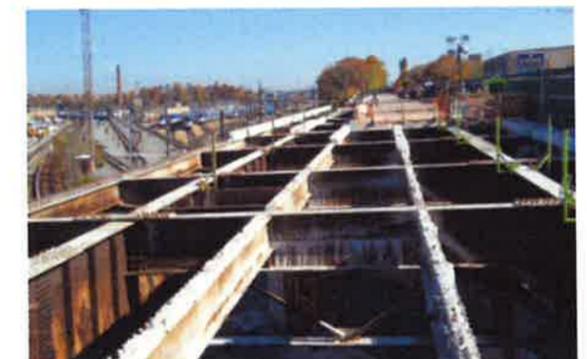
Specifically this design-build project involves the demolition, removal, lowering and reconstruction of the twin-span New York Avenue bridge superstructure, rehabilitation of piers, widening of existing abutments and construction of two independent piers to support two gateway monuments. Construction includes removal of the existing bridge deck, barriers, lighting, girders, beams, bracing, piers and bearings; new beam seats backwall as well as pier columns and post-tensioned cap beams; reinforced concrete deck and joints at each abutment; design, installation and removal of temporary structures to support construction and safety protection of construction personnel working over high-voltage wires and rail tracks. Electrical work includes rehabilitating or replacing bridge and roadway lighting; and pavement restoration to New York Avenue to match the elevation change of the bridge abutments. The entire construction is affected by the railroads and requires close coordination with Third Parties including railroads, private property owners and other stakeholders.

FMCC engaged TYLI to provide an innovative design that would address issues such as improved constructability and schedule compressions while achieving cost effectiveness. The proposed value engineering includes retrofitting and re-engaging the existing substructure and foundations units to support a new multi-girder superstructure systems. In addition to the structural complexities, other challenges include the maintenance of traffic, coordination with railroad, and the complex geometric layout of the existing structure. TYLI was responsible for conceptual, preliminary and final design of both the paved trail and bridges, project management, environmental assessment, oversight of subconsultants, coordination with the client, construction cost estimates, utility coordination and drainage design.

Recently, at the project site, FMC and TYLI hosted a toured for representatives from FHWA and DDOT as an ARRA funding success story.

Project Significance:

- * Bridge replacement
- * Heavily traveled/highly congested roadway
- * Concurrent adjacent improvement projects
- * Public Awareness
- * Team of Fort Myer Construction Corporation with T.Y. Lin International



ATTACHMENT 3.1.2(b)

LEAD DESIGNER - WORK HISTORY FORM

a. Project Name & Location	b. Name of the prime/ general contractor responsible for overall construction of the project.	c. Contact information of the Client and their Project Manager who can verify Firm's responsibilities.	d. Construction Contract Completion Date (Original)	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement.(in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
Route 1 / I-95 Interchange Structures Alexandria, Virginia	TYLI Alexandria, VA was the lead structural design firm. HNTB was Engineer-of-Record. R.R. Dawson Bridge Company was the Contractor for VA5. Skanska was the Contractor for VA6/7.	Virginia Department of Transportation - Virginia Mega Projects Fawaz K. Saraf, PE Senior Structural Engineer 703- 259-1983 fawaz.saraf@vdot.virginia.gov	6/15/2005 09/30/2005	9/30/2005 1/14/2010	VA5: \$ \$38,395 VA6/7: \$147,000	VA5: \$39,560 VA6/7: \$ \$167,524	Construction value of bridge work: VA5 \$38,400 VA6/7 \$79,500

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant.

In conjunction with the Woodrow Wilson Memorial Bridge replacement project, the I-95 / Route 1 Interchange project comprised design improvements to the existing interchange to accommodate the new 12-lane Beltway configuration. T.Y. Lin International - Alexandria VA was the lead structural design firm responsible for Stage I design studies as well as significant portions of two final design contracts. The project includes over 25,000 lineal feet of bridge and viaduct structure. The three-level interchange features extensive construction staging and requires maintenance of eight lanes of Beltway traffic at all times. Other project constraints include tight right-of-way restrictions and construction in wetlands, waterways, and tidal flats.

The Bridge Concept Report submitted to the Virginia Department of Transportation identified the structure types and details for the final design for 29 different structure locations. For the more visible high-level flyover structures, the chosen alternative was curved steel plate girders on hammerhead piers. For the less visible low-level structures, primarily located in wetland and waterway regions, the chosen alternative was pre-cast, prestressed concrete bulb-T girders on pile bents. Top-down construction for these concrete structures was utilized in many locations.

Final Design Considerations for VA5 Advance Bridge include:

- Constrained bridge construction because of MOT and environmental considerations
- The need to expedite construction to meet scheduling requirements for overall project
- Construction access restricted by adjacent contracts and neighborhoods.

Contract VA6/7, known as US Route 1 Interchange Contract included reconstruction and widening of US Route 1 from Fort Hunt Road to Huntington Avenue. Specifically, widening roadway mainline, constructing remaining bridges and interchange ramps, mainline roadway pavement, ground improvement, noise barriers, drainage systems, utility relocations, traffic systems, signs, roadway lighting and landscaping. TYLI was responsible for the design and construction services of one bridge structure and worked closely with other team members to develop MOT and final alignment.

The pedestrian bridge is part of the Route 1/Interstate 95 interchange for the Woodrow Wilson Bridge project. It carries a pedestrian walkway /bikeway (multi-purpose trail) over Hunting Creek. The structure is a four span continuous 226 feet long curved bridge that is 16 feet wide. The pedestrian bridge was constructed using 45-inch deep precast prestressed concrete girders spanning approximately 56'-6".

Contract VA-5 2005 VDOT Construction Quality Award "for the quality and effectiveness of overall project design and plans and overall responsiveness to resolve construction related issues."

Project Significance:

- * Interstate Design and Construction
- * Three-level Interchange
- * Coordination with adjacent projects
- * Critical Maintenance of Traffic



ATTACHMENT

LEAD DESIGNER - WORK HISTORY FORM

a. Project Name & Location	b. Name of the prime/ general contractor responsible for overall construction of the project.	c. Contact information of the Client and their Project Manager who can verify Firm's responsibilities.	d. Construction Contract Completion Date (Original)	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement.(in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
I-64 Widening (including the new bridge over the Kanawha River) Kanawha County, West Virginia	TYLI – Alexandria, VA was the Engineer-of-Record. Brayman Construction Corporation held the largest contract. There were a total nine construction contracts.	West Virginia Department of Transportation Division of Highways Ahmed Mongi, PE 304-558-9739 ahmed.n.mongi@wv.gov	2012	2012 Completion Date for Kanawha River Bridge 10/29/2010	\$140,000	\$140,000	\$12,000 Construction value of Kanawha River Bridge work: \$75,000

h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant.



As the Engineer-of-Record, T.Y. Lin International – Alexandria, VA, lead a multi-disciplinary team to provide expertise in a variety of fields including long-span and conventional bridge design and rehabilitation, complex roadway widening and re-alignment, retaining walls, hydraulics, maintenance-of-traffic, and Right-of-Way impacts. The subconsultants successfully managed included surveyors, geotechnical consultants, electrical engineers and material suppliers.

The project required adding a third travel lane in each direction to approximately 4.53 miles of an existing four-lane divided interstate highway. The roadway portion improved three interchanges by converting existing taper-type deceleration and acceleration ramps to parallel-type ramps and adding a fourth, auxiliary lane between two of the three interchanges. The additional third lane is accommodated in the 40-foot wide median area by constructing full-depth pavement, a concrete median, and introducing a closed drainage system. The fourth lane, an auxiliary lane, is being constructed outside of the existing four-lane interstate highway and requires a combination of retaining walls and reconstructed embankments. Due to the footprint of the existing bridges and the profile grade difference of the proposed redecked and new bridges within the three presently designed interchanges, a detailed maintenance of traffic plan was developed to ensure that all ramp movements remained open at all times.

Two of the four road projects were nominated for the Engineering Excellence Award for Small Bridge and Small Roadway Category and the other the WVDOT Engineering Excellence Award for Small Roadway Category and the West Virginia ACEC Gold Award in the Transportation Category.

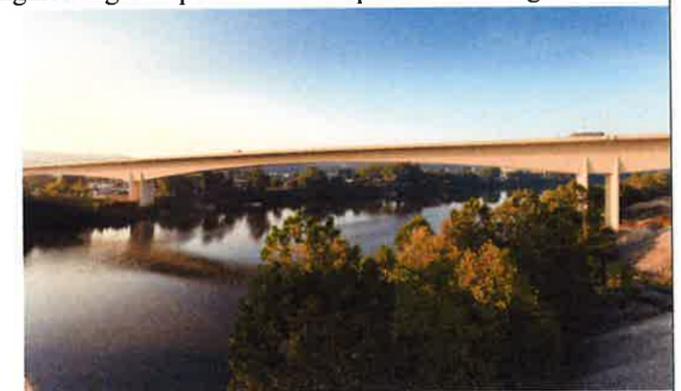
The project also included design for the redecking and widening of 12 structures, reconstruction of two structures to provide clearances and widening, **and a new bridge over the Kanawha River**. Eastbound traffic will travel on the new bridge and westbound traffic will remain on the existing bridge after rehabilitation is complete. The new \$82M Kanawha River Bridge is a record-setting segmental box girder structure built as part of the I-64 Widening Project in Kanawha County, West Virginia. The bridge carries I-64 eastbound traffic consisting of three through lanes, one auxiliary lane, and shoulders. The overall bridge length is 2,975-ft, including a record 760-ft main span, which is the longest box girder span in the U.S. The structure crosses over railroad tracks, the Kanawha River back channel, Wilson Island, the Kanawha River main channel, and three roads.

The Kanawha River Bridge is a recipient of the National Recognition Award, 2011, American Council of Engineering Companies (ACEC); Grand Award, 2011, American Council of Engineering Companies of Metropolitan Washington (ACEC-MW); No. 1 in Top 10 Bridges List, 2009 Roads and Bridges; and Engineering Excellence Award for Large Bridges, 2007 West Virginia Division of Highways.



TYLI performed design studies, prepared final design plans, construction documents and right-of-way plans, and provided construction services for the widening of I-64 from west of the Institute Interchange to east of the McCorkle Interchange. Contracts completed within the project limits include

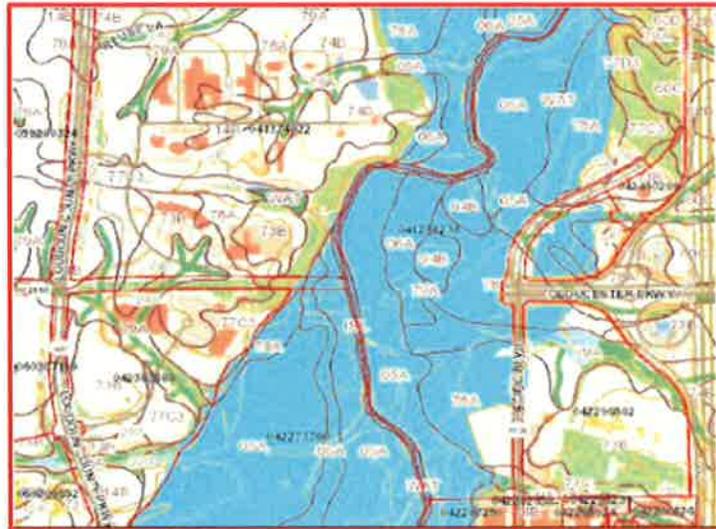
- Contract 02: Institute Interchange to Dunbar Interchange: Roadway median construction between interchanges
- Contract 05: Institute Interchange to Dunbar Interchange: Interchanges, bridges and unfinished roadway work
- Contract 05: Dunbar Interchange to Westmoreland Bridges roadway and Westmoreland Bridge
- Contract 06: Eastbound Kanawha River Bridge Retaining Walls, West abutment and partial mainline structure
- Contract 04: Davis Creek Bridge, mainline roadway and MacCorkle Interchange Ramps
- Contract 12: Demolition of a building within the Right-of-Way
- Contract 10: Eastbound Kanawha River Bridge, Concrete Alternative
- Contract 11: Rehabilitation of the Existing Bridge for Westbound Traffic



3.5 PROJECT RISKS

RISK MANAGEMENT APPROACH

As part of the requirements of the RFQ, the Design-Build team employed a systematic approach to identify the potential risks in design and construction of the project. The team developed a high understanding of the project scope, needs and ultimately project risks. All the parties within the Design-Build team were tasked with investigating any potential risks within their area of expertise. Once a comprehensive list of project risks were identified, the risks were individually discussed and categorized. The risks were scaled on the probability of occurrence and also on the degree of impact to the project. The combination of the probability and impact for each risk provides a relevant metric to prioritize them. By employing this methodology, the focus could be shifted to the risks that are likely to occur during the life time of the project, impacts of which could be significant to the project schedule, quality and cost.



No preliminary data such as Roadway plans and profiles, SWM and Geotechnical explorations, Traffic data were provided with this Request for Qualification package. The Design-Build thoroughly reviewed all the available project documents, conducted multiple visits to the project site, and researched the available existing conditions data through Loudoun County Geographic Information System (GIS) in order to identify the project risks. In addition, using the overall past experience of the design build team on projects with similar scope and characteristics, we identified some typical elements that could potentially pose a risk to the project. The team understands as more information becomes available in the Request for Proposal (RFP) stage of this project, some additional risks might be identified and the order and priority of these risks might be adjusted.

Some of the identified risks are summarized in the table below.

1. **Bridge Length and Hydraulic Opening:** Potential Impacts to the 100 year flood plain. Minimal Freeboard.
2. **Stormwater Management (SWM):** Retrofits to existing SWM facilities, Connection to existing Outfalls.
3. **Environmental Compliance and Permitting:** CERP and Phase I Archeological study – Wetland Permits
4. **Utilities:** Placing additional fill on the existing sanitary sewer main. Potential conflict with the existing water main and the bridge abutment.
5. **Right-of-Way Acquisition:** Timely negotiation and documentation – Loudoun County Sanitation Authority and Redskins Park and the Dulles Real Estate LLC
6. **Earthwork:** Identification of a reliable and clean source for the additional required fill.
7. **Geotechnical:** Existing soil conditions and potential settlements – Rock presence.
8. **Staging Area:** Limited area available for construction staging.
9. **Public Relations and Community Outreach:** Coordination with Stakeholders and provide project updates frequently.

Number	Risk	Impact (1-9)	Probability	Risk Allocation	
				DB Team	Owner
1	Bridge Length and Hydraulic Opening	9	60%	X	
2	Stormwater Management (SWM)	8	50%	X	
3	Environmental Compliance and Permitting	8	40%	X	
4	Utilities	6	70%	X	X
5	Right-of-way Acquisition	5	50%	X	X
6	Earthwork	3	40%	X	
7	Geotechnical	5	40%	X	
8	Staging Area	3	30%	X	
9	Public Relations and Community Outreach	4	30%	X	X

Figure 1 - Risk Analysis Table

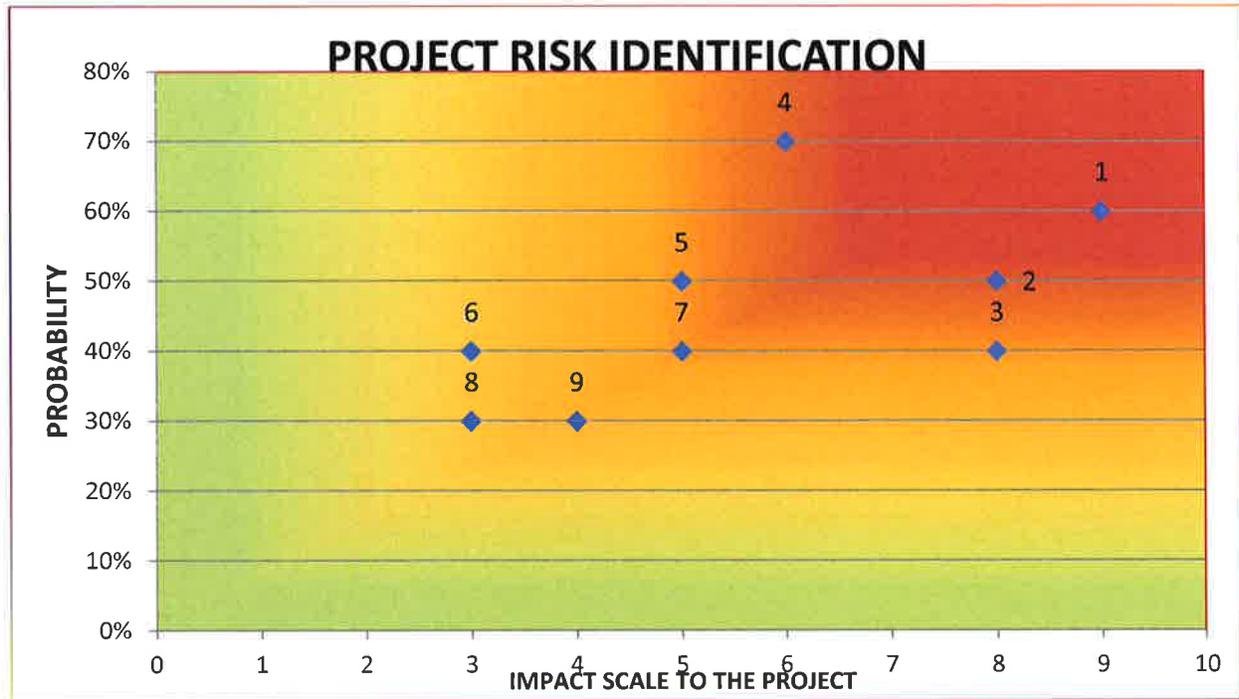


Figure 2 - Risk Identification Graph

Based on the data provided in Figures 1 and 2, we believe that the three most significant risks on this project are: **Bridge Length and Hydraulic Opening**, **Stormwater Management (SWM)**, and **Utilities**.

We understand that identification of project risks is essential, but without a proper mitigation strategy it would be of no value. The team considered and proposed solutions to eliminate or reduce the impact of the identified risks to the project. Per the direction of the RFQ, we elaborated on our mitigation strategies for the three most significant risks, which are provided on pages 12 through 15.



RISK#1: BRIDGE LENGTH AND HYDRAULIC OPENING

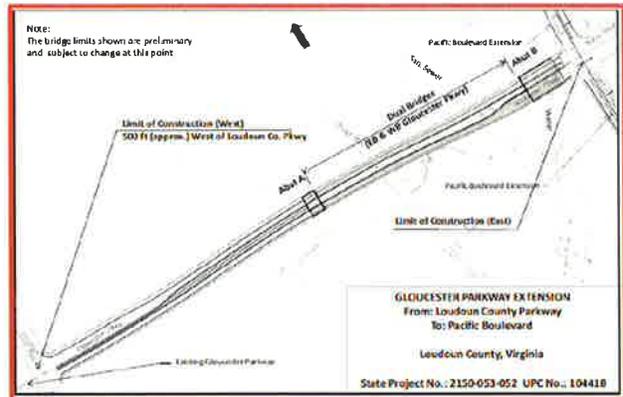
USGS Historic data on Broad Run in the vicinity of this project dating back to 2007 indicates a max height water elevation of 8.5' and a discharge of approximately 1500 cfs. There have been observations of very high water elevations near Waxpool Road which is approximately 1.5 miles downstream of this project.

The grade at the east of broad run, near Abutment B is very flat and the existing grade at Nokes Boulevard is approximately 8 feet above the overbank. Any bridge design will most likely push the Bridge Low chord into the existing 100-yr flood plain. From a hydraulic impact perspective, it is inevitable that the existing 100-yr flood plain will be impacted by the resulting reduction in open area.

A detailed hydraulic assessment will need to evaluate the impact the increase in floodplain elevation has on surrounding properties.

Alternatively, this assessment may evaluate 'opening up' the flood plain at abutment A. This solution would require temporary grading to tie in the proposed expansion in open area through the bridge.

Once a complete H&H study is performed and approved, and the environmental wetland permitting agencies have been engaged, the bridge length and opening could be determined.



RISK#2: STORMWATER MANAGEMENT (SWM)

Both Loudoun County Sanitation Authority and portions of the Redskins Park discharge to the drainage swale running between the two properties, where the Gloucester Parkway extension alignment is proposed. The ultimate design must incorporate swales along the North and South R/W to convey the 100-YR offsite drainage to an outfall at Broad Run. The flat nature of this section of the project may force this offsite drainage into closed conduit drainage.



Conventional above ground BMPs may be infeasible due to the flat nature of the site, offsite drainage, and limited space. The portions of the project west of Broad Run will have typical section that includes a 5.5' side slope, 10' trail, 4' buffer, 2' gutter, 24' two lanes, a 30' median for future two lane widening, 2' gutter, 4' buffer, 5' sidewalk, 5.5' side slope and 4' ditch that equals 120' which is the width of the proposed dedicated right-of-way and leaves no area for a SWM facility. The area to the east of Broad run contains some major utilities and is within 100 year flood plain. Approximately 1/3 of the project is on/over wet lands where a SWM facility can't be located.



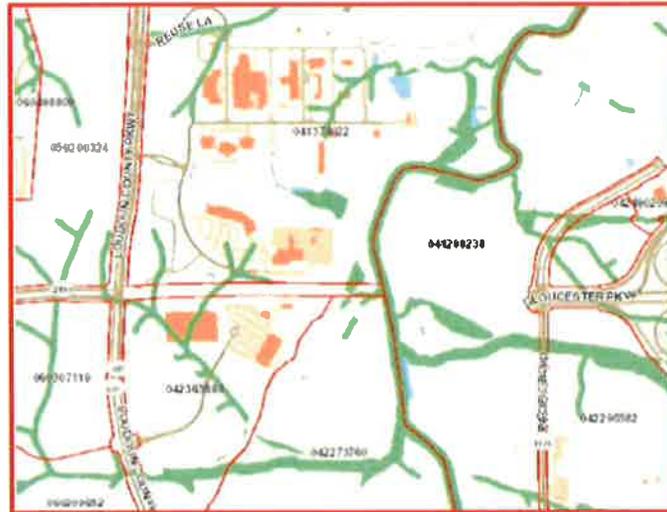
Structural BMPs for both quantity and quality management may need to be incorporated into the design. The cost for structural systems is significantly more expensive than conventional above ground systems.

A potential mitigation strategy would be to propose an agreement with Loudoun Water Authority to enlarge and upgrade their existing SWM facility in the northeast of the project and also adding water quality features. While this could be a feasible proposition for Loudoun Water Authority, maintenance and right-of-way would have to be resolved to VDOT's satisfaction and acceptance.

An additional mitigation that we would propose if the Loudoun Water Authority property could not be resolved would be to lengthen the proposed bridge accommodate the required SWM facility under the proposed bridge and west of the wet lands. Mitigation for this solution would be more costly but less risky with agreements and approvals for the DB Team and VDOT.

RISK#3: ENVIRONMENTAL COMPLIANCE AND PERMITTING

We illustrated on the Loudoun County GIS the proposed alignment of the Gloucester Parkway Extension passes through a series of wetlands on the West of Broad Run and through the 100-year flood plain (Approximate Elevation 220) on the West of Broad Run. The proposed abutments and the required fill in the area of the two abutments would have an impact on these wetlands and the floodplain.



All state funded road and highway projects estimated to cost more than \$500,000 are subject to State Environmental Review Process (SERP). Given the sensitivity of the existing conditions due to the presence of Wetlands and the flood plain makes this process a high risk item. The findings of SERP and Phase I Arch study could impact the project approach and cost.



APPENDIX A
AFFILIATED COMPANIES

APPENDIX B
DEPARTMENT FORMS

ATTACHMENT NO. 3.2.7(a)

**CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS**

Project No.: 2150-053-052

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

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

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

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

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

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

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


Signature

June 27, 2013
Date

Jose Rodriguez, President
Title

FORT MYER CONSTRUCTION CORPORATION

Name of Firm

ATTACHMENT NO. 3.2.7(b)

CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 2150-053-052

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

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

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

Ray 6/29/13 SR VICE PRES.
Signature Date Title

TY LIN INTERNATIONAL
Name of Firm

ATTACHMENT NO. 3.2.7(b)

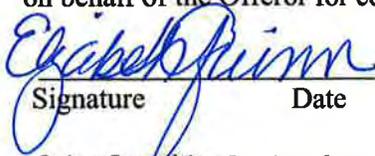
**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 2150-053-052

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

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

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



June 24, 2013

President

Signature

Date

Title

Quinn Consulting Services, Inc.

Name of Firm

ATTACHMENT NO. 3.2.7(b)

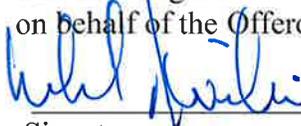
**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 2150-053-052

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

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

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

	June 21, 2013	Principal
Signature	Date	Title

A. Morton Thomas and Associates, Inc.

Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 2150-053-052

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

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

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

		<u>6/25/13</u>	<u>Regional Manager.</u>
Signature		Date	Title
<u>Triad Engineering, Inc.</u>			
Name of Firm			

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 2150-053-052

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

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

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

	<u>6/24/13</u>	<u>Vice President</u>
Signature	Date	Title
<u>T3 Design Corporation</u>		
Name of Firm		

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 2150-053-052

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

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

BM 06/25/13 CFO
Signature Date Title

BOWMAN CONSULTING GROUP, LTD.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: 2150-053-052

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

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

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

 June 26, 2013
Signature Date

President
Title

Travesky & Associates, Ltd.
Name of Firm

TRNSPORT - E22
LSPPREQ

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PREQUALIFIED VENDORS SORTED BY VENDOR NAME
THIS LIST INCLUDES ALL PREQUALIFIED LEVELS
AS OF 06/17/2013
- F -

06/17/2013
2:54 PM
PAGE 161

=====
F034
FORT MYER CONSTRUCTION CORPORATION
PREQ. EXP : 07/31/2013

--PREQ ADDRESS ----- WORK CLASSES (LISTED BUT NOT LIMITED TO)
2237-33RD ST., N.E. 003 - MAJOR STRUCTURES
WASHINGTON, DC 20018-1594 004 - ASPHALT CONCRETE PAVING
PHONE : 202-636-9535 006 - PORTLAND CEMENT CONCRETE PAVING
FAX : 202-526-8572 045 - UNDERGROUND UTILITIES
055 - BRIDGE REPAIRS

BUSINESS CONTACT: SHRENSKY, LEWIS FRANK
EMAIL: FORTMYER@FORTMYER.COM

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

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

=====
F427
FORTY-TWO CONTRACTING, INC.
PREQ. EXP : 05/31/2014

--PREQ ADDRESS ----- WORK CLASSES (LISTED BUT NOT LIMITED TO)
938 E. 4TH STREET 004 - ASPHALT CONCRETE PAVING
RICHMOND, VA 23224-5532 101 - EXCAVATING
PHONE : 804-377-2270
FAX : 804-249-6513

BUSINESS CONTACT: SNEAD, WILLIAM WOODROW
EMAIL: PSNEAD@42CONTRACTING.COM

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

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

**APPENDIX D
SURETY LETTER**



June 26, 2013

Fort Myer Construction Corporation
2237 33rd Street, N.E.
Washington, D.C. 20018

JUN 26 2013 *TO KMS
cc MAM*

Re: Bid Bond/GGL
C001004418DB68

As you requested, we are pleased to provide the attached bid bond/GGL documents. This bond has been executed based upon the information we received from your office.

Please note the bond must be signed by an authorized representative of your company and if applicable, sealed with the corporate seal. We urge you to check all bond/GGL documents, including signatures, dates, amounts, job description, Power of Attorney and any other attachments to avoid the possibility of having a low bid rejected. Additionally, please verify that the bid bond form attached is the form required by the specifications.

The Bid Bond authorization is based upon your original estimate. If the bid exceeds this estimate by 10% or more, the bond must be reauthorized by the surety. Please contact us for additional authority.

Your bid results are very important. Please send your bid results to my email address shown below as soon as they are available.

Thank you for the opportunity to service your surety needs. Should you have any questions, please do not hesitate to contact me or any member of your Willis surety team.

Very truly yours,

Dale Hall, VP/Bonds

CNA SURETY

Kevin C. Reichert, P.E.
Alternate Project Delivery Office
Virginia Department of Transportation (VDOT)
1401 East Broad Street
Richmond, VA 23219

June 26, 2013

Re: Fort Myer Construction Corporation/Design-Build: Gloucester Parkway Extension;
State Project no. 2150-053-052; Contract ID No. C00104418DB68

Dear Mr. Reichert:

As surety for Fort Myer Construction Corporation, Western Surety Company, a CNA company, with an A.M. Best Financial Strength Rating of A and Financial Size Category of IX is capable of obtaining 100% Performance Bond and 100% Labor and Materials Payment Bond in the amount of the anticipated cost of construction, and said bonds will cover the Project and any warranty periods as provided for in the Contract Documents on behalf of the Contractor, in the event that such firm be the successful bidder and enter into a contract for this project.

Very truly yours,
Western Surety Company

By:


Forrest D. Hall, Jr., Attorney-in-fact

Western Surety Company

POWER OF ATTORNEY APPOINTING INDIVIDUAL ATTORNEY-IN-FACT

Know All Men By These Presents, That WESTERN SURETY COMPANY, a South Dakota corporation, is a duly organized and existing corporation having its principal office in the City of Sioux Falls, and State of South Dakota, and that it does by virtue of the signature and seal herein affixed hereby make, constitute and appoint

Forrest D Hall Jr, Joseph G Delaney, Karen M Earp, Individually

of Potomac, MD, its true and lawful Attorney(s)-in-Fact with full power and authority hereby conferred to sign, seal and execute for and on its behalf bonds, undertakings and other obligatory instruments of similar nature

- In Unlimited Amounts -

and to bind it thereby as fully and to the same extent as if such instruments were signed by a duly authorized officer of the corporation and all the acts of said Attorney, pursuant to the authority hereby given, are hereby ratified and confirmed.

This Power of Attorney is made and executed pursuant to and by authority of the By-Law printed on the reverse hereof, duly adopted, as indicated, by the shareholders of the corporation.

In Witness Whereof, WESTERN SURETY COMPANY has caused these presents to be signed by its Vice President and its corporate seal to be hereto affixed on this 16th day of April, 2013.



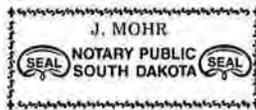
WESTERN SURETY COMPANY

Paul T. Bruflat
Paul T. Bruflat, Vice President

State of South Dakota }
County of Minnehaha } ss

On this 16th day of April, 2013, before me personally came Paul T. Bruflat, to me known, who, being by me duly sworn, did depose and say: that he resides in the City of Sioux Falls, State of South Dakota; that he is the Vice President of WESTERN SURETY COMPANY described in and which executed the above instrument; that he knows the seal of said corporation; that the seal affixed to the said instrument is such corporate seal; that it was so affixed pursuant to authority given by the Board of Directors of said corporation and that he signed his name thereto pursuant to like authority, and acknowledges same to be the act and deed of said corporation.

My commission expires
June 23, 2015



J. Mohr
J. Mohr, Notary Public

CERTIFICATE

I, L. Nelson, Assistant Secretary of WESTERN SURETY COMPANY do hereby certify that the Power of Attorney hereinabove set forth is still in force, and further certify that the By-Law of the corporation printed on the reverse hereof is still in force. In testimony whereof I have hereunto subscribed my name and affixed the seal of the said corporation this 26th day of June, 2013.



WESTERN SURETY COMPANY

L. Nelson
L. Nelson, Assistant Secretary

ATTACHMENT 3.2.10
State Project No. 2150-053-052
SCC and DPOR Information

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

Business Name	SCC Information (3.2.10.1)				DPOR Information (3.2.10.2)		
	SCC Number	SCC Type of Corporation	SCC Status	DPOR Registered Address	DPOR Registration Type	DPOR Registration Number	DPOR Expiration Date
Fort Myer Construction Corporation	0150814-2	Corporation	Active	2237 33 rd St, NE, Washington DC 20018-1594	Class A Contractor	2701015396	8/31/2014
TY Lin International	F038827-4	Corporation	Active	5285 Shawnee Road, Suite 210, Alexandria, VA 22312	ENG	0405000362	12/31/2013
Triad Engineering, Inc.	F059539-9	Foreign Corporation	Active	21641 Beaumeade Circle, Suite 300 Ashburn, VA 20147	ENG	0411000408	02/28/2014
Triad Engineering, Inc.	F059539-9	Foreign Corporation	Active	200 Aviation Drive Winchester, VA 22602	ENG LS	0407003116	12/31/2013
T3 Design Corporation	06585392	Corporation	Active	3927 Old Lee Highway, Suite 101-C Fairfax, VA 22030- 2422	ENG	0405001624	12/31/2013
A. Morton Thomas and Associates, Inc.	F0494312	Foreign Corporation	Active	14900 Conference Center Drive, Suite 180 Chantilly, VA 20151	ENG LS	0411000586	2/28/2014
A. Morton Thomas and Associates, Inc.	F0494312	Foreign Corporation	Active	One Jadjip Lane, Suite 111 Fredericksburg, VA 22405	ENG	0411000758	2/28/2014
A. Morton Thomas and Associates, Inc.	F0494312	Foreign Corporation	Active	P.O. Box 3008 Lebanon, VA 24266	ENG	0411000588	2/28/2014

ATTACHMENT 3.2.10

State Project No. 2150-053-052

SCC and DPOR Information

A. Morton Thomas and Associates, Inc	F0494312	Foreign Corporation	Active	10710 Midlothian Turnpike, Suite 202 Richmond, VA 23235	ENG LS	0411000587	2/28/2014
A. Morton Thomas and Associates, Inc.	F0494312	Foreign Corporation	Active	1530 Breezeport Way, Building 4, Suite 300 Suffolk, VA 23435	ENG	0411000693	2/28/2014
A. Morton Thomas and Associates, Inc.	F0494312	Foreign Corporation	Active	113 Mill Place Parkway, Unit 107 Verona, VA 24482	ENG	0411000589	2/28/2014
Travesky and Associates, Ltd	02924173	Professional Corporation			N/A		
Bowman Consulting Group Ltd	04481982	Limited Liability Company	Active	14020 Thunderbolt Place, Suite 300 Chantilly, VA 20151	ENG LS LA	0407003896	12/31/2013

ATTACHMENT 3.2.10
State Project No. 2150-053-052
SCC and DPOR Information

Bowman Consulting Group Ltd	04481982	Limited Liability Company	Active	9813-9815 Godwin Drive Manassas, VA 20110	ENG LS	0411000497	2/28/2014
Bowman Consulting	04481982	Limited Liability Company	Active	3951 Westerre Parkway Suite 150 Richmond, VA 23233	ENG	0411000610	2/28/2014
Quinn Consulting	04925517	Corporation	Active	14160 Newbrook Drive, Suite 220, Chantilly, VA 20151	ENG	0407003733	12/31/2013

ATTACHMENT 3.2.10

State Project No. 2150-053-052

SCC and DPOR Information

DPOR INFORMATION FOR INDIVIDUALS (RFQ Sections 3.2.10.3 and 3.2.10.4)						
Business Name	Individual's Name	Office Location Where Professional Services will be Provided (City/State)	Individual's DPOR Address	DPOR Type	DPOR Registration Number	DPOR Expiration Date
T Y Lin International	Santiago Rodriguez-Gomez	Alexandria, VA	T Y Lin International 5285 Shawnee Road, Suite 210, Alexandria, VA 22312	Professional Engineer	0402034240	10-31-2013
Quinn Consulting Services Inc	KaushikKumar BhupendraPrasad Vyas	Chantilly, VA	10170 Spring Dr Gordonsville, VA 22942-7581	Professional Engineer	0402039004	06-30-2014
T Y Lin International	Gopi Kishan Sripathy	Alexandria, VA	20202 Hidden Creek Court, Ashburn, VA 20147	Professional Engineer	0402051129	10-31-2014

Commonwealth OF Virginia



State Corporation Commission

CERTIFICATE OF GOOD STANDING

I Certify the Following from the Records of the Commission:

That FORT MYER CONSTRUCTION CORPORATION is duly incorporated under the law of the Commonwealth of Virginia;

That the date of its incorporation is February 11, 1974;

That the period of its duration is perpetual; and

That the corporation is in existence and in good standing in the Commonwealth of Virginia as of the date set forth below.

Nothing more is hereby certified.



*Signed and Sealed at Richmond on this Date:
December 1, 2011*

Joel H. Peck

Joel H. Peck, Clerk of the Commission

Commonwealth of Virginia



STATE CORPORATION COMMISSION

Richmond, August 5, 2009

This is to certify that a certificate of authority to transact business in Virginia was issued and admitted to record in this office for

T.Y. Lin International, Incorporated (Used in VA by: T.Y. Lin International)

Qualification Date: June 29, 1981

a corporation organized under the laws of California and that the said corporation is authorized to transact business in Virginia, subject to all Virginia laws applicable to the corporation and its business.



State Corporation Commission

Attest:

Joel H. Beck

Commonwealth of Virginia



State Corporation Commission

CERTIFICATE OF GOOD STANDING

I Certify the Following from the Records of the Commission:

That QUINN CONSULTING SERVICES INCORPORATED is duly incorporated under the law of the Commonwealth of Virginia;

That the date of its incorporation is October 24, 1997;

That the period of its duration is perpetual; and

That the corporation is in existence and in good standing in the Commonwealth of Virginia as of the date set forth below.

Nothing more is hereby certified.



*Signed and Sealed at Richmond on this Date:
August 15, 2011*

Joel H. Peck
Joel H. Peck, Clerk of the Commission

[SCC Home](#) |
[Contact SCC](#) |
[Site Map](#) |
[Search](#)



Virginia.gov

CIS00180

CORPORATE DATA INQUIRY

04/01/13

07:45:45

CORP ID: 0492551 - 7 STATUS: 00 ACTIVE STATUS DATE: 12/01/08
CORP NAME: QUINN CONSULTING SERVICES INCORPORATED

DATE OF CERTIFICATE: 10/24/1997 PERIOD OF DURATION: INDUSTRY CODE: 00
STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK
MERGER IND: S SURVIVOR CONVERSION/DOMESTICATION IND:
GOOD STANDING IND: Y MONITOR INDICATOR:
CHARTER FEE: 50.00 MON NO: MON STATUS: MONITOR DTE:
R/A NAME: JOHN H QUINN JR

STREET: 2208 S KNOLL ST

AR RTN MAIL:

CITY: ARLINGTON STATE : VA ZIP: 22202 2134
R/A STATUS: 4 ATTORNEY EFF. DATE: 10/24/97 LOC : 106
ACCEPTED AR#: 212 14 5571 DATE: 09/11/12 ARLINGTON COUNT
CURRENT AR#: 212 14 5571 DATE: 09/11/12 STATUS: A ASSESSMENT INDICATOR: 0
YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES
12 100.00 5,000

(Screen Id:/Corp_Data_Inquiry)

Commonwealth OF Virginia



State Corporation Commission

I Certify the Following from the Records of the Commission:

A. MORTON THOMAS & ASSOCIATES, INC., a corporation existing under the laws of MARYLAND, holds a certificate of authority to transact business in Virginia, and is in good standing.

The certificate was issued on November 26, 1997

Nothing more is hereby certified.



*Signed and Sealed at Richmond on this Date:
August 20, 2009*

Joel H. Peck
Joel H. Peck, Clerk of the Commission



Commonwealth of Virginia
State Corporation Commission

[SCC Home](#) |
[Contact SCC](#) |
[Site Map](#) |
[Search](#)



Virginia.gov

CISM0180

CORPORATE DATA INQUIRY

05/22/13

13:03:24

CORP ID: F049431 - 2 STATUS: 00 ACTIVE STATUS DATE: 12/15/09
 CORP NAME: THOMAS & ASSOCIATES, INC., A. MORTON

DATE OF CERTIFICATE: 11/26/1997 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: 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#: 212 18 1192 DATE: 11/28/12 HENRICO COUNTY
 CURRENT AR#: 212 18 1192 DATE: 11/28/12 STATUS: A ASSESSMENT INDICATOR: 0
 YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES
 12 400.00 52,000

Commonwealth of Virginia



STATE CORPORATION COMMISSION

Richmond, March 18, 2011

This is to certify that a certificate of authority to transact business in Virginia was issued and admitted to record in this office for

Triad Engineering, Inc. (formerly known as: Triad Engineering Consultants, Inc.)

a corporation organized under the laws of West Virginia and that the said corporation is authorized to transact business in Virginia, subject to all Virginia laws applicable to the corporation and its business. Date of Qualification is: November 16, 1988



State Corporation Commission

Attest:

Joel H. Beck
Clerk of the Commission

Commonwealth OF Virginia



State Corporation Commission

CERTIFICATE OF GOOD STANDING

I Certify the Following from the Records of the Commission:

That T3 Design Corporation is duly incorporated under the law of the Commonwealth of Virginia;

That the date of its incorporation is May 18, 2006;

That the period of its duration is perpetual; and

That the corporation is in existence and in good standing in the Commonwealth of Virginia as of the date set forth below.

Nothing more is hereby certified.



*Signed and Sealed at Richmond on this Date:
November 20, 2012*

Joel H. Peck
Joel H. Peck, Clerk of the Commission

Commonwealth of Virginia



STATE CORPORATION COMMISSION

Richmond, January 26, 2012

This is to certify that the certificate of incorporation of

T3 Design Corporation
(Formerly known as T3 Design, P.C.)

was issued and admitted to record in this office and that the said corporation is authorized to transact its business subject to all Virginia laws applicable to the corporation and its business. Effective date: May 18, 2006



State Corporation Commission

Attest:

Joel Heck
Clerk of the Commission

Commonwealth of Virginia



STATE CORPORATION COMMISSION

Richmond, June 7, 1995

This is to Certify that the certificate of incorporation of

Bowman Consulting Group, P.C.

*was this day issued and admitted to record in this office
and that the said corporation is authorized to transact its business
subject to all Virginia laws applicable to the corporation and its
business. Effective date:*

June 7, 1995



State Corporation Commission

William J. Budge

Clerk of the Commission

Commonwealth of Virginia



STATE CORPORATION COMMISSION

Richmond,

September 11, 1986

This is to Certify that the certificate of incorporation of

TRAVESKY & ASSOCIATES, LTD.

this day issued and admitted to record in this office.

That the said corporation is authorized to transact its

business subject to all the laws of the State applicable to the

incorporation and its business.



State Corporation Commission

Raymond B. [Signature]

Clerk of the Commission

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA**

**EXPIRES ON
08-31-2014**

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

**NUMBER
2701015396**

**BOARD FOR CONTRACTORS
CLASS A CONTRACTOR
CLASSIFICATIONS BLD ELE H/H**

**FORT MYER CONSTRUCTION CORP
2237 33RD ST NE
WASHINGTON, DC 20018-1594**



Gordon N. Dixon
Gordon N. Dixon, Director

REPLICATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

**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

0405000362

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

PROFESSIONS: ENG

**T Y LIN INTERNATIONAL
5285 SHAWNEE RD
SUITE 210
ALEXANDRIA, VA 22312**



Gordon N. Dixon
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

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

(POCKET CARD)

COMMONWEALTH OF VIRGINIA

(DETACH HERE)

**BOARD FOR APESCIDLA
PROFESSIONAL CORPORATION REGISTRATION
NUMBER: 0405000362 EXPIRES: 12-31-2013
PROFESSIONS: ENG
T Y LIN INTERNATIONAL
5285 SHAWNEE RD
SUITE 210
ALEXANDRIA, VA 22312**



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

PROVIDE

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

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
0407003733

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

PROFESSIONS: ENG

QUINN CONSULTING SERVICES INC
14160 NEWBROOK DR
SUITE 220
CHANTILLY, VA 20151



Gordon N. Dixon
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

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

(POCKET CARD)

COMMONWEALTH OF VIRGINIA

BOARD FOR AP/ELSC/DLA
BUSINESS ENTITY REGISTRATION
NUMBER: 0407003733 EXPIRES: 12-31-2013
PROFESSIONS: ENG
QUINN CONSULTING SERVICES INC
14160 NEWBROOK DR
SUITE 220
CHANTILLY, VA 20151



DO NOT WRITE IN THESE SPACES

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

(DETACH HERE)

NOV 13 2012

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

10010 (7/11) 107028-3

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA**

**EXPIRES ON
02-28-2014**

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

**NUMBER
0411000586**

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

PROFESSIONS: LS, ENG

**A MORTON THOMAS AND ASSOCIATES INC
14900 CONFERENCE CENTER DR STE 180
CHANTILLY, VA 20151**



Gordon N. Dixon
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

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

(POCKET CARD)

COMMONWEALTH OF VIRGINIA

**BOARD FOR APPLSCIDLA
BUSINESS ENTITY BRANCH OFFICE REGISTRATION
NUMBER: 0411000586 EXPIRES: 02-28-2014
PROFESSIONS: LS, ENG
A MORTON THOMAS AND ASSOCIATES INC
14900 CONFERENCE CENTER DR STE 180
CHANTILLY, VA 20151**



(FOLD)

(DETACH HERE)

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

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
02-28-2014

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

NUMBER
0411000758

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

PROFESSIONS: ENG

A MORTON THOMAS AND ASSOCIATES INC
ONE JADIP LANE
SUITE 111
FREDERICKSBURG, VA 22405



Gordon N. Dixon
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

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

(POCKET CARD)

COMMONWEALTH OF VIRGINIA

BOARD FOR APESCIDLA
BUSINESS ENTITY BRANCH OFFICE REGISTRATION
NUMBER: 0411000758 EXPIRES: 02-28-2014
PROFESSIONS: ENG
A MORTON THOMAS AND ASSOCIATES INC
ONE JADIP LANE
SUITE 111
FREDERICKSBURG, VA 22405



(FOLD)

(DETACH HERE)

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

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA**

EXPIRES ON

02-28-2014

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

NUMBER

0411000588

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

PROFESSIONS: ENG

A MORTON THOMAS AND ASSOCIATES INC
P.O. BOX 3008
LEBANON, VA 24266



Gordon N. Dixon
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

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

(POCKET CARD)

COMMONWEALTH OF VIRGINIA

BOARD FOR AP/ELSC/DLA
BUSINESS ENTITY BRANCH OFFICE REGISTRATION
NUMBER: 0411000588 EXPIRES: 02-28-2014
PROFESSIONS: ENG
A MORTON THOMAS AND ASSOCIATES INC
P.O. BOX 3008
LEBANON, VA 24266



(FOLD)

(DETACH HERE)

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

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

10010 (7/11) 107026-3

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA**

EXPIRES ON
02-28-2014

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

NUMBER
0411000587

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

PROFESSIONS: ENG, LS

A MORTON THOMAS AND ASSOCIATES INC
10710 MIDLOTHIAN TNPK STE 202
RICHMOND, VA 23235



Gordon N. Dixon
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

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

(POCKET CARD)

(DETACH HERE)

COMMONWEALTH OF VIRGINIA
BOARD FOR APPLSCIDLA
BUSINESS ENTITY BRANCH OFFICE REGISTRATION
NUMBER: 0411000587 EXPIRES: 02-28-2014
PROFESSIONS: ENG, LS
A MORTON THOMAS AND ASSOCIATES INC
10710 MIDLOTHIAN TNPK STE 202
RICHMOND, VA 23235



(FOLD)

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

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
02-28-2014

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

NUMBER
0411000693

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

PROFESSIONS: ENG

A MORTON THOMAS AND ASSOCIATES INC
1530 BREEZEPORT WAY, BUILDING 4
SUITE 300
SUFFOLK, VA 23435



Gordon N. Dixon
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER
THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

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

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA**

EXPIRES ON
02-28-2014

9980 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

NUMBER
0411000589

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

PROFESSIONS: ENG

**A MORTON THOMAS AND ASSOCIATES INC
113 MILL PLACE PKWY
UNIT 107
VERONA, VA 24482**



Gordon N. Dixon
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

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

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
02-28-2014

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

NUMBER
0411000408

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

PROFESSIONS: ENG

TRIAD ENGINEERING INC
21641 BEAUMEADE CIRCLE SUITE 300
ASHBURN, VA 20147



Gordon N. Dixon
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

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

(POCKET CARD)

COMMONWEALTH OF VIRGINIA

BOARD FOR APESCIDLA
BUSINESS ENTITY BRANCH OFFICE REGISTRATION
NUMBER: 0411000408 EXPIRES: 02-28-2014
PROFESSIONS: ENG
TRIAD ENGINEERING INC
21641 BEAUMEADE CIRCLE SUITE 300
ASHBURN, VA 20147



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

(DETACH HERE)

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

**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
0407003116**

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

PROFESSIONS: ENG, LS

**TRIAD ENGINEERING INC
200 AVIATION DR
WINCHESTER, VA 22602**



Gordon N. Dixon
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

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

(POCKET CARD)

COMMONWEALTH OF VIRGINIA

**BOARD FOR APESCIDLA
BUSINESS ENTITY REGISTRATION
NUMBER: 0407003116 EXPIRES: 12-31-2013
PROFESSIONS: ENG, LS
TRIAD ENGINEERING INC
200 AVIATION DR
WINCHESTER, VA 22602**



(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**

EXPIRES ON

12-31-2013

**9960 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 387-8500**

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**



Gordon N. Dixon
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA**

EXPIRES ON
12-31-2013

9980 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 387-8500

NUMBER
0407003896

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

PROFESSIONS: ENG, LS, LA

**BOWMAN CONSULTING GROUP LTD
14020 THUNDERBOLT PLACE
SUITE 300
CHANTILLY, VA 20151**



Gordon N. Dixon
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

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

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA**

**EXPIRES ON
02-28-2014**

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

**NUMBER
0411000497**

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

PROFESSIONS: ENG, LS

**BOWMAN CONSULTING GROUP LTD
9813-9815 GODWIN DR
MANASSAS, VA 20110**



Gordon N. Dixon
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

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

(POCKET CARD)

COMMONWEALTH OF VIRGINIA

**BOARD FOR A ELSCIDLA
BUSINESS ENTITY BRANCH OFFICE REGISTRATION
NUMBER: 0411000497 EXPIRES: 02-28-2014
PROFESSIONS: ENG, LS
BOWMAN CONSULTING GROUP
9813-9815 GODWIN DR
MANASSAS, VA 20110**



ALTERATION OF THIS

USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

(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**

EXPIRES ON
02-28-2014

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

NUMBER
0411000610

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

PROFESSIONS: ENG

**BOWMAN CONSULTING GROUP LTD
3951 WESTERRE PARKWAY
SUITE 150
RICHMOND, VA 23233**



Gordon N. Dixon
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

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

(POCKET CARD)

COMMONWEALTH OF VIRGINIA

**BOARD FOR APELSCIDLA
BUSINESS ENTITY BRANCH OFFICE REGISTRATION
NUMBER: 0411000610 EXPIRES: 02-28-2014
PROFESSIONS: ENG
BOWMAN CONSULTING GROUP LTD
3951 WESTERRE PARKWAY
SUITE 150
RICHMOND, VA 23233**



1500

(DETACH HERE)

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

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA**

**EXPIRES ON
10-31-2013**

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

**NUMBER
0402034240**

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

**SANTIAGO RODRIGUEZ-GOMEZ
T Y LIN INTERNATIONAL
5285 SHAWNEE ROADVE
SUITE 210
ALEXANDRIA, VA 22312**



Gordon N. Dixon
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

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

(POCKET CARD)

**COMMONWEALTH OF VIRGINIA
BOARD FOR AP/ELSC/DLA
PROFESSIONAL ENGINEER LICENSE
NUMBER: 0402034240 EXPIRES: 10-31-2013**

**SANTIAGO RODRIGUEZ-GOMEZ
T Y LIN INTERNATIONAL
5285 SHAWNEE ROADVE
SUITE 210
ALEXANDRIA, VA 22312**



(P.O.D.)

(DETACH HERE)

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

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

**DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA**

EXPIRES ON
06-30-2014

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

NUMBER
0402039004

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

KAUSHIKKUMAR BHUPENDRAPRASAD VYAS
10170 SPRING DRIVE
GORDONSVILLE, VA 22942-7581



Gordon N. Dixon
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER
THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

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

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
10-31-2014

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

NUMBER
0402051129

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

GOPI KISHAN SRIPATHY
20202 HIDDEN CREEK CT
ASHBURN, VA 20147



Gordon N. Dixon
Gordon N. Dixon, Director

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.

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

(POCKET CARD)

COMMONWEALTH OF VIRGINIA
BOARD FOR APPELSCIDLA
PROFESSIONAL ENGINEER LICENSE
NUMBER: 0402051129 EXPIRES: 10-31-2014

GOPI KISHAN SRIPATHY
20202 HIDDEN CREEK CT
ASHBURN, VA 20147



10/31

(DETACH HERE)

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

ALTERATION OF THIS DOCUMENT, USE AFTER EXPIRATION, OR USE BY PERSONS OR FIRMS OTHER THAN THOSE NAMED MAY RESULT IN CRIMINAL PROSECUTION UNDER THE CODE OF VIRGINIA.