



Statement of Qualifications

Greenview Drive Widening

Virginia Department of Transportation

State Project Number:
U000-118-259, R201, C501

Contract ID Number:
C0016320DB79

July 31, 2014





Statement of Qualifications
3.2 Letter of Submittal

July 31, 2014

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

RE: RFQ Greenview Drive Widening, City of Lynchburg and Campbell County, Virginia

Dear Mr. Reichert:

The Virginia Department of Transportation (VDOT) is in the process of securing a team to provide design-build (DB) services for widening Greenview Drive from Hermitage Road to 0.2 miles south of Leesville Road in the City of Lynchburg. The purpose of this project to provide additional capacity on Greenview Drive and to complete the 4-laning of the Greenview corridor between U.S. Route 460 and Lynchburg Regional Airport. Fielder's Choice Enterprises, Inc. (Fielder's Choice Enterprises), as the prime contractor, and The Louis Berger Group, Inc. (Louis Berger), as the lead design firm, have assembled the Fielder's Choice Enterprises-Louis Berger Team for this design-build project. Our locally experienced key personnel and specialty subconsultants will address the unique challenges that the Greenview Drive Widening project presents including: maintenance of traffic, overhead and underground utilities that take extensive coordination, and work zone safety).

Why The Fielder's Choice-Louis Berger Team?

- Personnel are completely familiar with VDOT procedures from past experience on similar roadway improvement projects in Central Virginia.
- The Fielder's Choice Enterprises-Louis Berger Team can utilize extensive resources located throughout the southeast to ensure a successful project.
- The most valuable asset the team can offer to VDOT is its availability on short notice. Fielder's Choice Enterprises has offices located close to the project site in Charlottesville and Lynchburg. In addition, Louis Berger's base of operations for this project is in Richmond. These offices allow fast and efficient response to the Greenview Drive Widening project.
- The team understands the need to maintain constant communication during this project. The Fielder's Choice Enterprises-Louis Berger Team will fully integrate with VDOT to ensure open lines of communication at all times.



3.2.1 Offeror's Identification and Signature

Fielder's Choice Enterprises submits this Statement of Qualifications (SOQ) in response to the referenced Request for Qualifications (RFQ). Founded in 1987 in Virginia, Fielder's Choice Enterprises is a DB contractor with approximately 15 roadway widening projects safely completed, meeting accelerated schedules with minimal disruption to the traveling public. These projects included challenges involving utility relocation work, unforeseen utility conflicts, and maintenance of traffic (MOT) on a scale similar to that anticipated within this contract in Virginia.

3.2.2 Point of Contact Information

Fielder's Choice Enterprises, Inc., 1020 Linden Avenue, Charlottesville, Virginia 22902
James M. "Matt" Holcomb, Project Manager, 434.906.7401 and mholcomb@fce-digs.com

3.2.3 Principal Officer Information

Fielder's Choice Enterprises, Inc., 1020 Linden Avenue, Charlottesville, Virginia 22902
Donald Cantore, President, Phone: 434.989.3388 and dcantore@fce-digs.com

3.2.4 Offeror's Corporate Structure

We will be the prime contractor and the sole entity with which VDOT contracts. Louis Berger will be subcontracted to us as the lead designer. All construction consultants will be subcontracted to our firm and all engineering subconsultants will be subcontracted to Louis Berger.

3.2.5 Full Legal Name of Lead Contractor and Lead Designer

Lead Contractor

Fielder's Choice Enterprises, Inc., 1020 Linden Avenue
Charlottesville, Virginia 22902
Donald Cantore, President, Phone: 434.989.3388 and dcantore@fce-digs.com

Lead Designer

The Louis Berger Group, Inc., 801 E Main Street, Suite 500
Richmond, Virginia 23219
Dean Hatfield, PE, Vice President, Phone: 804.225.0348 ext. 4425 and dhatfield@louisberger.com

3.2.6 Affiliated and/or Subsidiary Companies

The full legal name and address of all companies affiliated with Fielder's Choice Enterprises is disclosed in Attachment 3.2.6 of this submittal.



3.2.7 Certification Regarding Debarment

Included in this submittal are the completed Attachments 3.2.7(a) and 3.2.7(b), Certification Regarding Debarment Forms, for our firm and our team stating that neither the company nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from participation by any federal department or agency.

3.2.8 Offeror's VDOT Prequalification Information

Our firm prequalification number is F451 and our status is active. Louis Berger and our team's subconsultants are each prequalified with VDOT for the areas of work for which they will be responsible for under this contract.

3.2.9 Surety or Insurance Company Letter

Our firm is capable of obtaining a performance and payment bond for the project. Our current bonding capacity is \$30 million in aggregate and \$17 million per single project. A surety letter is included with our submittal.

3.2.10 Registrations and Licenses

Virginia State Corporation Commission registrations and Department of Occupational Regulation licenses are included for our firm, Louis Berger, and all subcontractors in this submittal.

3.2.11 Disadvantaged Business Enterprise Statement

The Fielder's Choice Enterprises-Louis Berger Team will support VDOT's commitment to providing opportunities for small and minority owned businesses throughout the Commonwealth, we are committed to achieving a seven percent Disadvantaged Business Enterprise (DBE) participation goal for the entire value of the contract.

Our proposal demonstrates the team's capability to produce each project concurrently with others, as highlighted by the combined strength and depth of our design team as well as our unique construction experience, having successfully built multiple trails and accelerated construction projects in the past. We look forward to your review of our submittal. Please contact me at 434.906.7401 or mholcomb@fce-digs.com; or Dean Hatfield, PE, at 919.302.1178 or dhatfield@louisberger.com if you have any questions regarding the information in our proposal.

Sincerely,



The Fielder's Choice-Louis Berger Team
James M. "Matt" Holcomb, PE, Design-Build Project Manager





Statement of Qualifications

3.3 Offeror's Team Structure

[Fielder's Choice Enterprises-Louis Berger Team

3.3 Offeror's Team Structure

VDOT will have one cohesive, dedicated team for the Greenview Drive Widening project, with both Fielder's Choice Enterprises and Louis Berger committing the resources, personnel, and equipment required. As DB project manager, Matthew Holcomb, PE, will lead and provide direction to the team and be the primary point of contact with VDOT on this project. He has more than 28 years of experience completing projects for VDOT. Design project manager, Dean Hatfield, PE, will be responsible for coordinating engineering services. He has 31 years of experience in engineering design services for roadways and trails, and has provided services for DB projects for more than five years. The Fielder's Choice Enterprises-Louis Berger Team will manage a group of expert construction and design firms, forming a unified team that is structured to meet the challenges of the Greenview Drive Widening project. Figure 3-1 identifies the proposed team members and their qualifications.

Figure 3-1: Fielder's Choice Enterprises-Louis Berger Team	
Prime Contractor and Lead Contractor	
 Role: Lead DB Contractor and Constructor	<i>Fielder's Choice Enterprises</i> <ul style="list-style-type: none"> • Established 1987 in Virginia • \$30 million aggregate bonding capacity, \$14 million single project • 14 DOT roadway projects in Virginia since 2008 • More than 20 projects managing congested traffic • More than 40 successful construction projects in Virginia for 27 years
Lead Designer	
 Role: Lead Designer and Full Service Civil Engineering Firm	<i>Louis Berger</i> <ul style="list-style-type: none"> • Established 1994 in Virginia • More than 20 VDOT projects for more than 30 years • Designed over 100,00 miles of roadway, over 300 bridges • Several joint DB proposals with Fielder's Choice Enterprises
Subcontractors	
 Role: Right-of-Way (ROW) Services	<i>Bowman Consulting (Bowman)</i> <ul style="list-style-type: none"> • Established 1995 in Virginia • More than 500 employees in 31 offices nationwide • Provides transportation, civil engineering, planning, surveying, and environmental services nationwide • Seven VDOT projects for nearly 20 years



Subcontractors, contd.	
 Role: Quality Assurance (QA) Manager, CEI inspection, and project controls	<p><i>CES Consulting (CES)</i></p> <ul style="list-style-type: none"> Established 2010 in Virginia More than 80 VDOT projects for more than 4 years More than 54 combined years of VDOT experience among its principal staff More than \$300 million for VDOT construction projects
 Role: Geotechnical	<p><i>DMY Engineering Consultants (DMYEC)</i></p> <ul style="list-style-type: none"> Established 2010 in Virginia Certified Small, Woman and Minority (SWaM), Minority Business Enterprise (MBE), Disadvantaged Business Enterprise (DBE), Local Disadvantaged Business Enterprise (LDBE) More than 15 VDOT projects for more than 4 years Experience with DB and VDOT projects 10 professional engineers registered in Virginia, Washington D.C., and Maryland with 12 to over 40 years of local and regional experience In-house AASHTO certified soils and concrete laboratories In-house drilling division with full size drill rigs
 Role: Topographic Survey, SUE, Construction Layout	<p><i>Hurt & Proffitt (H&P)</i></p> <ul style="list-style-type: none"> Established 1973 in Virginia More than 200 VDOT projects throughout the last 20 years Certified SWaM Firm based in Lynchburg Experience providing surveying for the Lyme Timber Tract, construction materials testing, and geotechnical investigations for Greenview Drive
 Role: Survey, SUE design, and Quality Control (QC)	<p><i>NXL Engineers, Surveys, Construction Managers (NXL)</i></p> <ul style="list-style-type: none"> Established 1989 in Virginia Certified SWaM 25 years of professional surveying experience More than 100 VDOT projects
 Role: Community Outreach and Public Information	<p><i>Siddall Communications (Siddall)</i></p> <ul style="list-style-type: none"> Established 2013 in Virginia Staff's VDOT Experience: 10 projects in more than 20 years VDOT Recognition includes AASHTO Excel Awards, American Marketing Association EFFIE Awards, and PRSA Awards

3.3.1 Key Personnel

The Fielder's Choice Enterprises-Louis Berger Team brings VDOT knowledge of DB services for transportation infrastructure projects similar to Greenview Drive that will benefit both the private property and traveling public of Lynchburg. Personnel have a depth of experience in design-build project delivery, roadway widening design and construction for rural roads, ROW coordination, QA/QC, project controls, geotechnical engineering, surveying, and community outreach. Additionally, the team has more than 30 years of experience coordinating with DOTs throughout the southeast including VDOT. The Fielder's Choice Enterprises-Louis Berger Team's key personnel, presented in **Figure 3-2**, are fully-qualified and experienced to provide best-value and minimize cost, schedule and performance risk for VDOT with the highest safety and quality standards.

Figure 3-2: Fielder's Choice Enterprises-Louis Berger Team Key Personnel	
Role	Qualifications
Design-Build Project Manager <i>James M. "Matt" Holcomb, PE</i>	<ul style="list-style-type: none"> Registered Professional Engineer in Virginia (PE #0402023970) Seasoned DOT infrastructure construction project manager and degreed civil engineer 29 years of experience in transportation construction, traffic management and safety 20 years of experience as project manager of major transportation and infrastructure projects, including the projects up to \$25M in size, including both road building and significant interstate bridge construction Experience with complex projects in rural areas, with environmental sensitivity, compressed timeliness, congested traffic, and community information requirements DB experience both as a prime and subcontractor representative, including a \$8M waterline replacement project in an area with similar sit conditions and traffic counts to this project, a \$9M site development package as part of a site based design build, involving creative treatment of substandard soils to mitigate cost and time impacts
QA Manager <i>Syed Khan, PE, CCM, PMP, DBIA</i>	<ul style="list-style-type: none"> Registered Professional Engineer in Virginia (PE #31057) Certified Construction Manager Project Management Professional Certified DB Professional DB Institute of America 32 years of experience in quality management on DB projects Performed various third party inspections and special inspections for soils, concrete, masonry, structural steel and building materials
Design Manager <i>Dean Hatfield, PE</i>	<ul style="list-style-type: none"> Registered Professional Engineer in Virginia (PE #18960) 31 years of experience managing design of multi-disciplinary roadway projects Experience with highway design, intersection design, earth retaining structures and drainage structures DB project delivery experience, including traffic management and pedestrian safety
Construction Manager <i>David Thornton, EIT</i>	<ul style="list-style-type: none"> Engineer In Training in Virginia 7 years of experience managing major transportation and infrastructure construction Experience with projects in rural areas, with environmental sensitivity, compressed timeliness, congested traffic, and community information requirements DB project delivery experience, including traffic management and pedestrian safety Virginia Department of Environmental Quality Responsible Land Disturber Certification and VDOT Erosion & Sediment Control Contractor certifications will be obtained by the time the project is awarded

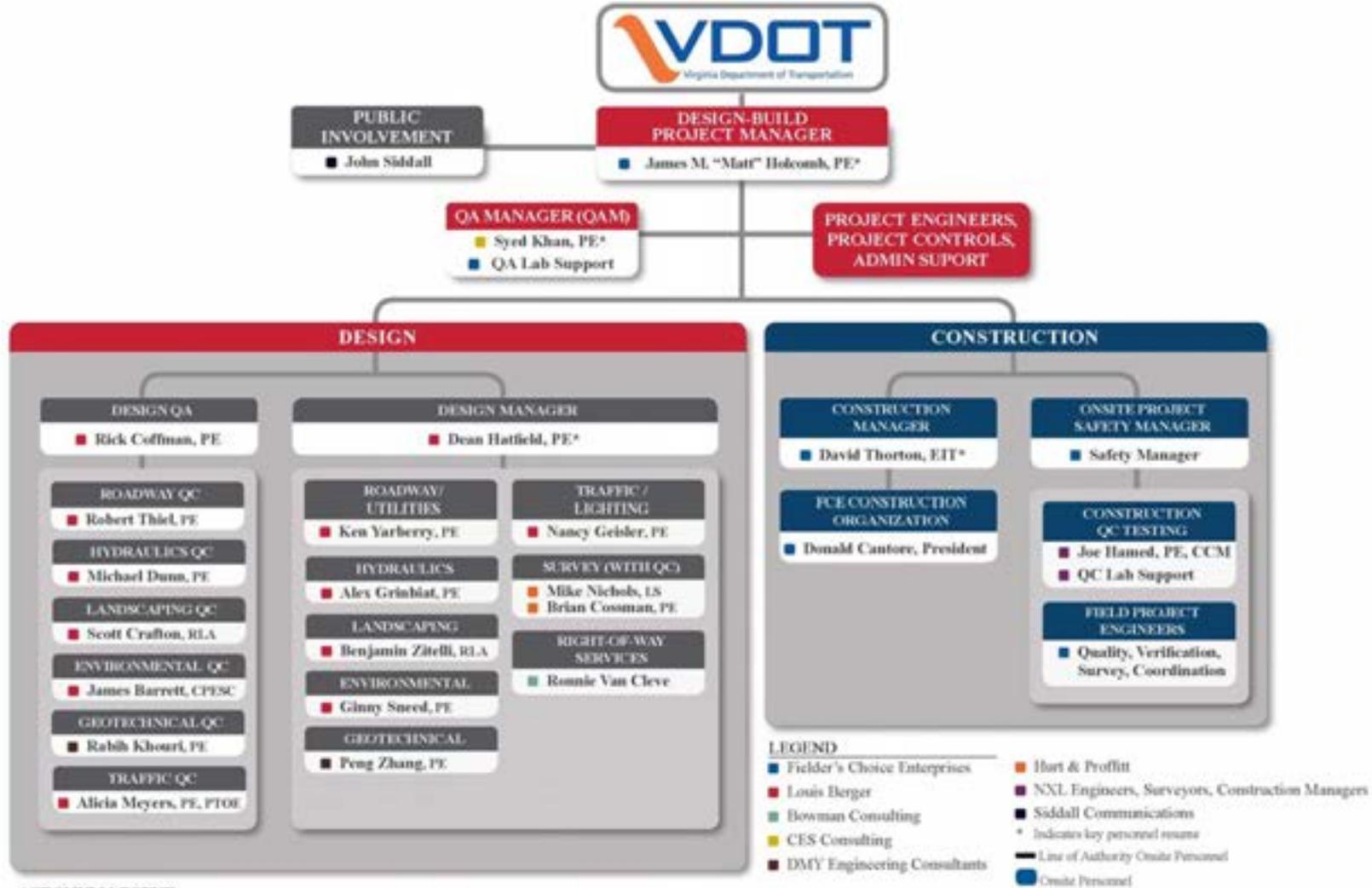
NOTE: Key Personnel Resume Forms are included in this submittal.



3.3.2 Organizational Chart

The Fielder's Choice Enterprises-Louis Berger Team will deliver a successful design-build project to VDOT. **Figure 3-3** provided on the next page identifies the multidisciplinary staff for each role of this DB project.

Figure 3-3: Fielder's Choice Enterprises-Louis Berger Team Organizational Chart



ACRONYM LEGEND

CCM	Certified Construction Manager	LS	Landscape Surveyor	QA	Quality Assurance
CPESC	Certified Professional in Erosion and Sediment Control	PE	Professional Engineer	QC	Quality Control
EIT	Engineer in Training	PTOE	Professional Traffic Operation Engineer	RLA	Registered Landscape Architect



Design-Build Management Team

The bench of personnel is deep and talented and consists of professionals with decades of experience in the necessary design-build disciplines required for this project including highway, traffic, hydraulics, utility, and structural engineering. The team is a good mix of local talent and regional expertise. The team's design-build project manager Matt Holcomb has worked on numerous roadway widening projects for VDOT in the following districts, Lynchburg, Culpeper, and Staunton, and is a longtime resident of Central Virginia. Additionally, design manager Dean Hatfield, PE, has worked on numerous roadway widening projects for VDOT in the following districts, Lynchburg, Northern Virginia, Richmond, and Salem, and in the Carolinas.

The team will apply an integrated project delivery approach in order to fast track the project with construction sequencing advancing simultaneously with the design stage. The Fielder's Choice Enterprises-Louis Berger Team's personnel go beyond those identified in the RFQ and are fully assembled, committed, and organized to deliver VDOT's Greenview Drive Widening project. Specifically, the integrated approach ensures VDOT will have one dedicated team for the Greenview Drive Widening project, with both contractors committing the resources, personnel, and equipment required. In this structure, Fielder's Choice Enterprises will serve as the principal point of contact for VDOT via design-build project manager, Matthew Holcomb, PE. The contractor will also be responsible for project management, scheduling, and administrative tasks for the contract. He will be the primary point of contact for VDOT and responsible for all project delivery management activities. He will interact extensively with the VDOT project manager and manage all contractual obligations between VDOT and the Fielder's Choice Enterprises-Louis Berger Team members. Public involvement efforts extend from concept through construction completion, and will be led by public information task lead, John Siddall.

Design Team

Transportation engineering, utility coordination, right-of-way acquisition, environmental permitting, cultural resources, maintenance of traffic (MOT), surveying; geotechnical, and additional design services are shown in orange and report directly to the design manager, Dean Hatfield, PE. Contractually, all design activities will report to Louis Berger as lead designer. Louis Berger will in turn be contractually obligated to Fielder's Choice Enterprises, and Mr. Hatfield will report to Mr. Holcomb.

Construction Team

Construction operations, asphalt paving, QC inspection, and QC materials testing all report directly to the construction manager, David Thornton, EIT. As part of the project planning, the team has identified the utility relocation as a key element affecting schedule adherence and cost competitiveness. In addition, QC inspection, led by Joe Hamed, PE, CCM, has been subcontracted to Louis Berger. The QC lab has been identified as NXL and will have no project relationship with the independent QAM lab.



QAM Team

The QAM team is independent of all design-build operations and will be led by Syed Khan, PE, CCM, PMP, DBIA, of CES. To guarantee independent operations of the QAM versus the construction team, the Fielder's Choice Enterprises-Louis Berger Team will contract directly with CES and Mr. Khan will have no reporting or contractual obligations to the construction manager, nor will CES have any reporting or contractual obligations. CES has identified ECS Mid-Atlantic, located in Lynchburg, VA as the materials lab to be used for the project, and this effort will have no reporting relationships to the team outside of the QAM.

Project Communication

The Fielder's Choice Enterprises-Louis Berger Team believes that focused public outreach is critical and leads to long-term cost savings by providing a design and delivering a project that ultimately addresses the mutual concerns and meets the shared expectations of stakeholders. The benefit of utilizing outreach to engage the community early and often is that it supports efficient consensus building, allowing for the identification of the various interests and concerns of the community, and provide an opportunity for innovative ideas to be presented in such a timeframe which VDOT is then able to address through its final engineering solution. **A combination of early public outreach activities that identify and address community concerns will reduce the potential for changes to engineering and construction plans and allow the project to proceed on schedule and on budget.**

To advance public outreach for the proposed project, the FCE/Berger team includes Siddall Communications, Inc. (Siddall) to coordinate and assist in the implementation of the Public Involvement Process (PIP) throughout the duration of the project. Siddall has a well-documented history of providing VDOT with reliable, effective, and timely assistance in supporting their PIP. Siddall developed the process for providing public information about the Springfield Interchange project in Fairfax County. For more than a decade it has been cited publicly as the Gold Standard for communication with Virginia's driving citizenry.





Statement of Qualifications

3.4 Experience of Offeror's Team

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Fielder's Choice Enterprises and Louis Berger are experienced in the design-build of transportation and infrastructure projects. They have a 3-year working relationship on design-build pursuits.

Figure 3-4 provides sample projects showing our team's experience on projects similar to the Greenview Drive Widening project. Details are provided on the work history forms in this submittal.

3.4.1 Experience of Offeror's Team

Fielder's Choice Enterprises brings more than 26 years of experience building projects in Central Virginia. The firm has heavy equipment, rolling fleet, and miscellaneous tools that have a replacement value of approximately \$4,500,000 and will be committed to the project as needed. Fielder's Choice Enterprises' highlights include the following:

- Established 1987 in Virginia with local office in Lynchburg
- Nine heavy civil multimillion-dollar projects
- More than 20 projects managing congested traffic
- 14 DOT associated projects in Virginia totaling \$30M for 27 years
- More than 40 successful construction projects in Virginia for 27 years

Why Fielder's Choice?

- Working with DOT for more than 25 years
- Local office located in Lynchburg, VA
- In 2009, FCE received the Best Project Award for VDOT's Project K51 on Rt.256 by Verona, VA Residency
- In 2012, FCE received an award and recognition by ACEC in Virginia for VDOT's Project J69 – Churchville Avenue
- \$30M aggregate bonding

Fielder's Choice Enterprises long experience in the Commonwealth of Virginia has built the firm's expertise in urban and rural areas with minimal disruption to the traveling public. For example, the company's Staunton District Best Completed Construction award for the Route 256 project. Fielder's Choice Enterprises is well known for the firm's proven ability to complete projects on or ahead of schedule; for example, the company received a \$100,000 incentive for an early completion milestone during VDOT's Project J69 – the Churchville Avenue, Route 250 Rehabilitation and Railroad Crossing over Route 340-Delphine Avenue project in Staunton, VA. In 2012, FCE received an award and recognition by the American Council of Engineering Companies (ACEC) in Virginia for this project.

Louis Berger is an international engineering, planning, and construction administration firm involved in planning, design, and construction management of projects for highways, bridges, railroads, airfields, environmental issues, and cultural resources. Louis Berger's highlights include the following:

- Established 1994 in Virginia
- 100,000 miles of highway designed
- 3,000 bridges designed
- 20+ VDOT projects for more than 30 years
- Designer for Route 29 and Gallows Road Improvement and Telegraph Road Widening and Culvert Replacement

Why Louis Berger?

- Local Virginia designer
- Worked with FCE on previous VDOT contracts within the past 3 years
- Ranked ninth in Transportation and eighth in Pure Designers by ENR for 2014
- Ranked ENR Top 500 Design Firms for more than 60 years



Louis Berger has completed projects and project assignments throughout the Commonwealth of Virginia for state agencies (including VDOT), local governments, and federal agencies. For 60 years, the firm has built a reputation for delivering outstanding quality projects coupled with an on-time and on-budget performance.

Figure 3-4: Fielder's Choice Enterprises-Louis Berger Team Project Experience

Project Name and Location	Value	Client	Duration	DB/DBB	Roadway Widening	Accurate Utility Locations	Complex MOT / SOC	Utility Relocations	Third Party Coordination
Lead Contractor : Fielder's Choice Enterprises									
Midtown Connector, Lynchburg, Virginia	\$15.1 million	City of Lynchburg, Virginia	06/2012 07/2015 (3 years)	DBB	✓ New roadway, intersection improvements, roundabout	✓ Successful system in place	✓ Continuous engagement with public	✓ Careful coordination for large network of UG utilities	City, public utilities, DOT
Second Avenue & Park Road, Radford, Virginia	\$5.1 million	City of Radford, VA	12/2012 09/2014 (2 years)	DBB	✓ New roadway, intersection improvements, roundabout	✓ Close coordination with utilities and city reps	✓ MOT for school and emergency access system	✓ Extensive verification for OH and UG utilities	City, public utilities, DOT
VDOT Project Designation K44, Henrico County, Virginia	\$2.5 million	VDOT	04/2012 04/2013 (1 year)	DBB	✓ Roadway widening, drainage, & intersection improvements	✓ Frequent Third Party Inspection with utility locates	✓ Continual day and nighttime maintenance of traffic	✓ Successful utility relocations in a high-volume intersection	County DOT, public utilities
Lead Designer : Louis Berger									
Telegraph Road Widening and Culvert Replacement, Fairfax County, Virginia	\$10.8 million	VDOT	02/2010 08/2015 (5 years)	DBB	✓ Widen 2-lane road to 4-lane divided (0.5 miles)	✓ Extensive UG and OH	✓ Multi-phase MOT	✓ Active coordination w/Util, Owners in design phase	County, DOT, public, utilities
Lee Highway (Route 29) and Gallows Road, Fairfax County, Virginia	\$26 million	VDOT	08/2008 11/2010 (2 years)	DBB	✓ 4 to 6 lanes undivided to divided (1.5 miles)	✓ Extensive UG and OH	✓ Multi-phase, Long duration	✓ Extensive coordination with affected utilities	County, DOT, public, utilities
Hillsborough Street Bridge Replacement, Raleigh, North Carolina	\$2.7 million	NCDOT	10/2012 02/2014 (1+ year)	DBB	✓ Replace bridge with an at-grade intersection	✓	✓ Coordination with PNC Arena/ NC State Fair	✓	City, DOT, public, utilities



Lead Contractor Project Highlights

Midtown Connector, Lynchburg, Virginia

Major roadway project designed to connect Rt. 29 business through the heart of Lynchburg.

- \$15.7 million design—bid-build project
- Connected Route 501 from Route 29 Business to Murrell Road
- Include roundabout, stormwater management basins, traffic signals and improved pedestrian access

Project K44, Henrico County, Virginia

Roadway widening project which included drainage and stormwater improvements, pavement widening, new traffic signals and improved pedestrian access.

- \$2.5 million design-bid-build project
- Improved traffic flow on busy section of U.S. Route 1 near Parham Road
- Work completed in day and night for tie-ins particularly at intersections

Second Avenue & Park Road Improvements, Radford, Virginia

One of the largest roadway projects underway for City of Radford

- 5.1 million design-build project
- Improvements to Second Avenue and Park Road
- Included construction of roundabout, drainage, and pedestrian access improvements

Fielder's Choice Enterprises Project Accolades

- *Midtown Connector* - Major project milestones have been met while successfully maintaining traffic flow and pedestrian access throughout
- *Project K44* - Project completed well under budget and within schedule parameters
- *Second Avenue & Park Road Improvements* - Construction has tracked along as planned with endorsement and overall enthusiasm from the general public



Lead Designer Project Highlights

Telegraph Road Widening and Culvert Replacement, Fairfax County, Virginia

Louis Berger was the prime consultant for this VDOT project involving extensive capacity improvements at two key intersections.

- Multi-modal design including extensive third party coordination
- Two lanes to four lane divided roadway
- 43,775 annual average daily traffic

VDOT Lee Highway (Route 29 and Gallows Road), Fairfax County, Virginia

Louis Berger was the prime consultant for this VDOT project involving extensive capacity improvements at five key intersections.

- Multi-modal design including extensive third party coordination Four lanes undivided to six lanes divided 55,000 annual average daily traffic

Hillsborough Street Bridge Replacement, Raleigh, North Carolina

Louis Berger was the prime consultant for this NCDOT project involving capacity improvements at three key intersections, resulting in an increase for multi-modal options.

- Multi-modal design including extensive third party coordination
- Two lanes to three lanes roadway
- 13,000 annual average daily traffic

Louis Berger Project Accolades

- *Telegraph Road Widening and Culvert Replacement* – Designed a Triple 20' x 7' culvert that improved stream flow, include stream restoration and accommodated roadway widening
- *Lee Highway (Route 29) and Gallows Road* – Project completed below budget and ahead of schedule and earned 4.5 of 5 rating from VDOT to exceptional design and coordination with third parties
- *Hillsborough Street Bridge Replacement* – Designed the bridge without impacting an adjacent railroad structure on the National Register



Statement of Qualifications
3.5 Project Risks

3.5 Project Risks

Fielder's Choice Enterprises and Louis Berger have selected three critical risks for this project, summarized in Figure 3-5 and described below. These risks are ranked from highest probable impact to lowest probable impact on the project and include the following:

- Risk Factor # 1: Utilities Relocation
- Risk Factor # 2: Inaccurate Base Maps
- Risk Factor # 3: Maintenance of Traffic

The team carefully evaluated the potential risks for this project by reviewing the plans and specifications, visiting the site, understanding VDOT's project objectives, and applying past design-bid-build expertise and experience on previous similar projects.

Risk Factor 1: Utility Relocations

The biggest project risk involves utility relocations. Due to the number of utilities and the scope of the required relocations, this presents a significant risk to both project schedule and budget.

Adjacent to the project, there are overhead lines with at least three different utilities on the poles, as well as underground utilities involving at least two more. This involves coordination with no less than five separate organizations to relocate the lines back out of the widening area so as to not interfere with each other as well as interfering with the overall project schedule. This effort would have to be one of the initial activities on the project due to the physical location of the overhead lines along Greenville.

To minimize the potential effects of this risk, utility relocations out of the proposed widening would be the highest priority task at the beginning of the project. The Fielder's Choice Enterprises-Louis Berger Team consists of highly experienced designers with both roadway and utility engineering experience. The design will limit impact on major utilities and the team will coordinate closely with public and private utilities to identify designs that provide the least impact on the existing utility structures. Since the team works in both disciplines technical design alternatives will be provided directly to the utility owner dramatically shortening the plan development process.

Once relocated, the risk presented by the overhead utilities will largely be reduced to simply an overhead hazard for equipment or trucks. However, due to the nature of the project, this would only present itself at crossings such as the intersection, and would not be present over the project as a whole.

Risk Factor 2: Inaccurate Base Maps

Hand in hand with the relocation of utilities is the accuracy of the base maps for the utilities which are designated to remain. Based on the team's experience in the area and discussions with other contractors, it is apparent that the base maps for underground utility locations in the area are generally poor. This presents a significant risk during construction for increased costs and delays due to redesign and interruption of work. It is the team's experience that this is particularly so for the gas line utilities in the area, where we have had experiences where the gas company themselves had no record of the

location of the gas lines on the project. They were discovered after an exploratory digging program to be on the opposite side of the road from where shown, conflicting with not only a significant number of new utilities but also the actual subgrade of the reconstructed roadway. This created a significant impact to the project while the area was on hold awaiting redesign and relocation of the gas lines.

To mitigate this risk, we plan to pursue an aggressive locating program to verify locations at planned crossings. In addition we may pursue additional locating in areas to verify base maps or correct them as required.

Risk Factor 3: Maintenance of Traffic (MOT)

As the purpose of the project is to increase capacity of the intersection, obviously the intersection is currently at capacity. This makes MOT a critical item as we will be affecting an intersection is currently at or over capacity. Specifically the risks of MOT involve impacts to the travelling public, impacts to job performance, and can present an increased danger of physical harm due to accidents.

To mitigate this risk during the design process, the project phasing both in regard to utility relocation and actual project construction will be coordinated with MOT in mind. Where possible, new sections will be designed to be built independent of current traffic such that there will be minimal impact on the existing traffic flows due to the construction. Traffic would then be transferred to these new sections, where possible, increasing current capacity to handle traffic in the work zone. Work then would be shifted to areas in the existing sections of the roadway and roadside areas, again to minimize potential impact to the travelling public.



APPENDIX A
SOQ Checklist and
Addenda Acknowledgement

ATTACHMENT 3.1.2

Project: U000-118-259, R201, C501

STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS

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

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 15-page limit?	SOQ Page Reference
Statement of Qualifications Checklist and Contents	Attachment 3.1.2	Section 3.1.2	no	
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	
Offeror's point of contact information	NA	Section 3.2.2	yes	
Principal officer information	NA	Section 3.2.3	yes	
Offeror's Corporate Structure	NA	Section 3.2.4	yes	
Identity of Lead Contractor and Lead Designer	NA	Section 3.2.5	yes	
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: U000-118-259, R201, C501

STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 15- page limit?	SOQ Page Reference
SCC and DPOR registration documentation (Appendix)	Attachment 3.2.10	Section 3.2.10	no	
Full size copies of SCC Registration	NA	Section 3.2.10.1	no	
Full size copies of DPOR Registration (Offices)	NA	Section 3.2.10.2	no	
Full size copies of DPOR Registration (Key Personnel)	NA	Section 3.2.10.3	no	
Full size copies of DPOR Registration (Non-APELSCIDLA)	NA	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	
Offeror's Team Structure				
Identity of and qualifications of Key Personnel	NA	Section 3.3.1	yes	
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	
Organizational chart	NA	Section 3.3.2	yes	
Organizational chart narrative	NA	Section 3.3.2	yes	

ATTACHMENT 3.1.2

Project: U000-118-259, R201, C501

STATEMENT OF QUALIFICATIONS CHECKLIST AND CONTENTS

Statement of Qualifications Component	Form (if any)	RFQ Cross reference	Included within 15- page limit?	SOQ Page Reference
Experience of Offeror's Team				
Lead Contractor Work History Form	Attachment 3.4.1(a)	Section 3.4	no	
Lead Designer Work History Form	Attachment 3.4.1(b)	Section 3.4	no	
Project Risk				
Identify and discuss three critical risks for the Project	NA	Section 3.5.1	yes	

ATTACHMENT 2.10COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

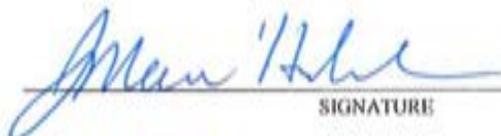
RFQ NO. C00106320DB79
 PROJECT NO.: U000-118-259, R201, C501

ACKNOWLEDGEMENT OF RFQ, REVISION AND/OR ADDENDA

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

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

1. Cover letter of RFQ 06/30/2014
(Date)
2. Cover letter of Addendum No. 1 - 07/24/2014
(Date)
3. Cover letter of _____
(Date)


SIGNATURE

7/30/14
DATE



APPENDIX B

Offeror's Subsidiaries
and Affiliates



APPENDIX C
Debarment Forms

ATTACHMENT NO. 3.2.7(a)

**CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS**

Project No.: U000-118-259, R201, C501

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

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

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

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

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

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

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

Dennis Hatfield 7/23/2014 VICE PRESIDENT
Signature Date Title

LOUIS BERGER GROUP, INC.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: U000-118-259, R201, C501

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

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

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

M. A. S. 7/22/2014 Secretary
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.: U000-118-259, R201, C501

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

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

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

<u><i>g. H. Koudhoy</i></u>	<u>07/25/14</u>	<u>PRINCIPAL</u>
Signature	Date	Title
<u>CES CONSULTING LLC</u>		
Name of Firm		

ATTACHMENT NO. 3.2.7(b)

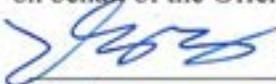
**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: U000-118-259, R201, C501

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

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

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

	7/22/2014	Vice President
Signature	Date	Title

DMY Engineering Consultants Inc.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

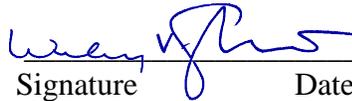
**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: U000-118-259, R201, C501

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

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

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

	7-22-14	CEO / President
Signature	Date	Title

Hurt & Proffitt, Inc.
Name of Firm

ATTACHMENT NO. 3.2.7(b)

**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: U000-118-259, R201, C501

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

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

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

Signature

Date

7/22/14

Title

CEO

NXL Construction Services, Inc.

Name of Firm

ATTACHMENT NO. 3.2.7(b)

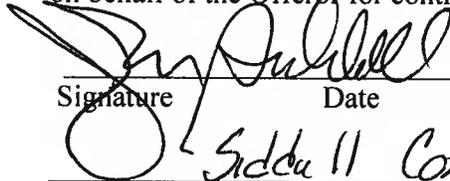
**CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS**

Project No.: U000-118-259, R201, C501

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

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

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

 7/23/14 CEO
Signature Date Title
Siddu II Communications, LLC
Name of Firm



APPENDIX D

Prequalification Certificate

F451

FIELDER'S CHOICE ENTERPRISES, INC.

PREQ. EXP : 05/31/2015

--PREQ ADDRESS -----	WORK CLASSES (LISTED BUT NOT LIMITED TO)
1020 LINDEN AVE.	002 - GRADING
CHARLOTTESVILLE, VA 22902	003 - MAJOR STRUCTURES
PHONE : 434-244-0250	007 - MINOR STRUCTURES
FAX : 434-977-3783	045 - UNDERGROUND UTILITIES

BUSINESS CONTACT: CANTORE, DONALD ROBERT

EMAIL: DCANTORE@FCE-DIGS.COM

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

DBE TYPE : N/A

DBE CONTACT: N/A



APPENDIX E
Evidence of Bonding

10 Franklin Road, SE
Suite 550
Roanoke, VA 24011
Tel (540) 343 8071
Fax (540) 345 2958

Employee Owned



Est. 1864

Charlotte
Greensboro
Knoxville
Lynchburg
Nashville
Raleigh
Richmond

July 28, 2014

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

Re: Fielder's Choice Enterprises, Inc.
Project: VDOT Greenview Drive Widening Design Build
State Project No. U000-118-259,R201,CS01
Contract ID Number: C001063200B79

Dear Mr. Reichert:

Fielder's Choice Enterprises, Inc. has been a valued client of the Zurich for 7 years. During that time, Zurich has supported Fielder's Choice Enterprises, Inc. for projects in excess of \$10 million.

As surety for Fielder's Choice Enterprises, Inc., Zurich American Insurance Company and/or its subsidiary, Fidelity and Deposit Company of Maryland with A.M. Best Financial Strength Rating of A (Excellent) and with a financial size category of XV (\$2 billion +) is capable of obtaining a 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 on behalf of the Contractor, in the event that such firm be the successful bidder and enter into a contract for the referenced project subject to our acceptable review of the contract terms and conditions, bond forms, appropriate contract funding and any other underwriting considerations at the time of the request.

Our consideration and issuance of bonds is a matter solely between Fielder's Choice Enterprises, Inc. and ourselves, and we assume no liability to third parties or to you by the issuance of this letter.

We trust that this information meets with your satisfaction. If there are further questions, please feel free to contact me.

Sincerely,
Zurich American Insurance Company
Fidelity and Deposit Company of Maryland

By: Theresa S. Stump, Attorney In-Fact

cc: Fielder's Choice Enterprises, Inc.
Fidelity and Deposit Company of Maryland

scottins.com
Insurance, Bonds, Benefit Services and Financial Management
With Captive Insurance Operations in Grand Cayman
Founded 1864



APPENDIX F
SCC and DPOR

Commonwealth of Virginia



State Corporation Commission

CERTIFICATE OF GOOD STANDING

I Certify the Following from the Records of the Commission:

That FIELDER'S CHOICE ENTERPRISES, INC. is duly incorporated under the law of the Commonwealth of Virginia;

That the date of its incorporation is July 17, 1987;

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:
January 12, 2012*

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

Commonwealth of Virginia



STATE CORPORATION COMMISSION

Richmond, September 20, 1999

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

The Louis Berger Group, Inc.

a corporation organized under the laws of NEW JERSEY 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

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. Bridg
Clerk of the Commission

Commonwealth of Virginia



STATE CORPORATION COMMISSION

Richmond, October 14, 2010

This is to certify that the certificate of organization of

**Construction Engineering & Scheduling Consulting
Engineers, PLC**

*was this day issued and admitted to record in this office and that
the said limited liability company is authorized to transact its
business subject to all Virginia laws applicable to the company
and its business. Effective date: October 14, 2010*



State Corporation Commission

Attest:

Joel H. Beck
Clerk of the Commission

Commonwealth of Virginia



STATE CORPORATION COMMISSION

Richmond, September 6, 2013

This is to certify that the certificate of entity conversion of

DMY ENGINEERING CONSULTANTS INC.

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: September 6, 2013



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 HURT & PROFFITT, INC. is duly incorporated under the law of the Commonwealth of Virginia;

That the date of its incorporation is January 9, 1973;

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:
January 5, 2012*

Joel H. Peck

Joel H. Peck, Clerk of the Commission

Commonwealth of Virginia



State Corporation Commission

I Certify the Following from the Records of the Commission:

NXL Construction Co., Inc. is a corporation existing under and by virtue of the laws of Virginia, and is in good standing.

The date of incorporation is November 17, 1989.

Nothing more is hereby certified.

*Signed and Sealed at Richmond on this Date:
July 10, 2007*



Joel H. Peck

Joel H. Peck, Clerk of the Commission

Commonwealth of Virginia



State Corporation Commission

I Certify the Following from the Records of the Commission:

A duly attested copy of a certificate setting forth that NXL Construction Co., Inc. conducts business in Virginia under the assumed or fictitious name of NXL CONSTRUCTION SERVICES, INC. was filed in the Clerk's Office of the Commission on September 16, 1992.

Nothing more is hereby certified.

*Signed and Sealed at Richmond on this Date:
July 29, 2009*



Joel H. Peck

Joel H. Peck, Clerk of the Commission

Commonwealth OF Virginia



State Corporation Commission

CERTIFICATE OF FACT

I Certify the Following from the Records of the Commission:

That Siddall Communications, LLC is duly organized as a limited liability company under the law of the Commonwealth of Virginia;

That the date of its organization is July 30, 2013; and

That the limited liability company is in existence 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:
February 6, 2014*



Joel H. Peck

Joel H. Peck, Clerk of the Commission

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
06-30-2015

9900 Mayland Dr., Suite 400, Richmond, VA 23233
Telephone: (804) 367-8500

NUMBER
2705062623

BOARD FOR CONTRACTORS
CLASS A CONTRACTOR
CLASSIFICATIONS BLD EMC H/H ISC

FIELDERS CHOICE ENTERPRISES INC
102 S FIRST ST
STE 201
CHARLOTTESVILLE, VA 22902



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

12-31-2015

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

NUMBER

0407003926

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

PROFESSIONS: ENG

THE LOUIS BERGER GROUP INC
801 E. MAIN ST.
SUITE 500
RICHMOND, VA 23219



Gordon N. Dixon
Gordon N. Dixon, Director

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(POCKET CARD)

COMMONWEALTH OF VIRGINIA

BOARD FOR AP/ELSCIDLA
BUSINESS ENTITY REGISTRATION
NUMBER: 0407003926 EXPIRES: 12-31-2015
PROFESSIONS: ENG
THE LOUIS BERGER GROUP INC
801 E. MAIN ST.
SUITE 500
RICHMOND, VA 23219



(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
12-31-2015

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

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

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

(POCKET CARD)

COMMONWEALTH OF VIRGINIA
BOARD FOR ARCHITECTS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS
AND LANDSCAPE ARCHITECTS
BUSINESS ENTITY REGISTRATION
NUMBER: 0407003896 EXPIRES: 12-31-2015
PROFESSIONS: ENG, LS, LA
BOWMAN CONSULTING GROUP LTD
14020 THUNDERBOLT PLACE
SUITE 300
CHANTILLY, VA 20151



FRONT

(DETACH HERE)

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

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
12-31-2015

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

NUMBER
0407005783

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

PROFESSIONS: ENG

CES CONSULTING LLC
13991 VIRGINIA CEDAR COURT
GAINESVILLE, VA 20155



Georges N. Dumas
Georges N. Dumas, Director

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

(POCKET CARD)

COMMONWEALTH OF VIRGINIA
BOARD FOR APPLSCIDLA
BUSINESS ENTITY REGISTRATION
NUMBER: 0407005783 EXPIRES: 12-31-2015
PROFESSIONS: ENG
CES CONSULTING LLC
13991 VIRGINIA CEDAR COURT
GAINESVILLE, VA 20155



(FOLD)

(DETACH HERE)

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

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DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON

12-31-2015

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

NUMBER

0407005631

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

PROFESSIONS: ENG

DMY ENGINEERING CONSULTANTS INC
45662 TERMINAL DRIVE
SUITE 110
DULLES, VA 20166



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

12-31-2015

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

NUMBER

0407003927

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

PROFESSIONS: LS, ENG

HURT & PROFFITT INC
2524 LANGHORNE RD
LYNCHBURG, VA 24501



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 APPEALS
BUSINESS ENTITY REGISTRATION
NUMBER: 0407003927 EXPIRES: 12-31-2015
PROFESSIONS: LS, ENG
HURT & PROFFITT INC
2524 LANGHORNE RD
LYNCHBURG, VA 24501



(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

12-31-2015

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

NUMBER

0407003031

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

PROFESSIONS: ENG, LS

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



Charles N. Dixon
Charles N. Dixon, Director

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
01-31-2015

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

NUMBER
0402023970

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

JAMES MATTHEW HOLCOMB
SHORT MOUNTAIN ENGINEERING LLC
PO BOX 728
MIDDLETOWN, MD 21769



James W. DeBorja
James W. DeBorja, 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

11-30-2014

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

NUMBER

0402018960

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

DEAN DOUGLAS HATFIELD
1509 OAKBORO DR
RALEIGH, NC 27614



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: 0402018960 EXPIRES: 11-30-2014

DEAN DOUGLAS HATFIELD
1509 OAKBORO DR
RALEIGH, NC 27614



(DETACH HERE)

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

POCKET

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

EXPIRES ON
07-31-2015

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

NUMBER
0402031057

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

SYED R KHAN
13816 EDEN WAY
CHANTILLY, VA 20151



Gordon N. Dixon
Gordon N. Dixon, Director

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COMMONWEALTH OF VIRGINIA
BOARD FOR APPEALS
PROFESSIONAL ENGINEER LICENSE
NUMBER: 0402031057 EXPIRES: 07-31-2015

SYED R KHAN
13816 EDEN WAY
CHANTILLY, VA 20151



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

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APPENDIX G
Key Personnel Resumes

ATTACHMENT 4.4.2

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.
a. Name & Title: James M. "Matt" Holcomb, PE, Vice President Operations
b. Project Assignment: Design-Build Project Manager
c. Name of Firm with which you are now associated: Fielder's Choice Enterprises
d. Years experience: With this Firm <u>1</u> Year With Other Firms <u>28</u> Years Please list chronologically your employment history, position and general experience or fields of practice for the last fifteen (15) years: Feb 2014 – Present: Fielder's Choice Enterprises; Charlottesville, Virginia. Vice president operations. Sitework, Utilities, Road Building, Bridge Construction Stream Reconstruction, Design Build Manager, Chief Estimator. Dec 2008 - Feb 2014: Ross Contracting; Mt Airy, Maryland. Vice president construction. General Sitework, Utilities, Road Building, Bridge Construction Stream Reconstruction, Design Build Manager. May 2006 - Dec 2008: Shirley Contracting (Metro Earthworks Division); Lorton, Virginia. Division manager. Site redevelopment and brownfields redevelopment. Oct 1999 - May 2006: F.O. Day Co.; Rockville, Maryland. Operations manager. Major site development projects (Arundel Mills Mall, Bowie Town Center Mall), road building and managed bridge division.
e. Education: Degree(s)/Year/Specialization: Florida Institute of Technology, Melbourne, Florida, MBA, 1991, Business University of Florida, Gainesville, Florida, ME, 1990, Engineering United States Naval Academy, Annapolis, Maryland, BS, Chemistry
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 1993, Professional Engineer, Virginia, VA # 0402023970
g. Document the extent and depth of experience and qualifications relevant to the Project. <ol style="list-style-type: none">1. <i>Note your specific responsibilities and authorities for each assignment, not those of the firm.</i>2. <i>Note whether experience is with current firm or with other firm.</i>3. <i>Provide beginning and end dates for each assignment.</i> (List at least three (3), but no more than five (5) relevant projects for which you have performed a similar function.) City of Frederick, Water Line Improvements, Frederick, Maryland. Design-build manager for multiple waterline replacements and upgrades for City of Frederick. Project involved waterline replacement, storm water management, concrete, paving, and final restoration. Location involved urban environment with multiple unmarked and unknown utilities to contend with, as well as a very precise mill/overlay requirement to correct storm water drainage issues. <i>(Ross Contracting, 2009 to 2010)</i>

WSSC, IDIQ/Environmentally Sensitive Areas (ESAs), Location, Maryland. Vice president construction. Supervision of project managers for projects. Projects involved sewer reconstruction, repair, and lining in ESAs. Project involves construction of access routes through environmentally sensitive areas, regional and state park areas, consisting of mulch roads and matting to prevent compaction of underlying soils, selective tree trimming, stream repair and reconstruction, sewer line reconstruction, manhole rehabilitation and replacement, and lining. *(Ross Contracting, 2013 - 2014)*

Kaiser Permanente, Site Construction, MOB Addition, Largo, Maryland. Project manager. Project involved site work for addition to the Kaiser facility in Largo, Maryland. Work involved demolition of existing parking lots and various site improvements, construction of new parking and roadway areas, including mill and overlay of urban arterials, construction of stormwater best management practice (BMP) facilities, and Americans With Disabilities Act (ADA) compliant multi use paths. *(Ross Contracting, 2011 - 2013)*

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

N/A

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.
a. Name & Title: David Thornton, Project Manager and Estimator
b. Project Assignment: Construction Manager
c. Name of Firm with which you are now associated: Fielder's Choice Enterprises
d. Years experience: With this Firm <u>2</u> Years With Other Firms <u>5</u> Years Please list chronologically (most recent experience first) your employment history, position, general responsibilities, and duration of employment for the last fifteen (15) years. (NOTE: If you have less than 15 years of experience, please list the experience for those years you have worked. Project specific experience shall be included in Section (g) below): February 2012 – Present : Fielder's Choice Enterprises; Charlottesville, Virginia. Project manager and estimator. Estimates and submits competitive bids for new projects. Also manages multiple construction projects across Commonwealth of Virginia including: roadway construction, water and wastewater plant improvements, and private subdivision site development. June 2007 - February 2012: WW Associates; Charlottesville, Virginia. Project engineer. Responsible for submitting site plans to the City of Charlottesville for approval including: Cabell Avenue Renovations, Brandon Avenue and Monroe Lane Apartments, and Albermarle Place Stormwater Management and Offsite Sewer Plans. Coordinated with VDOT to get plan approvals, effectively communicated with clients and local authorities to get plan approval, and successfully worked with design team to achieve goals and deadlines.
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: University of Virginia, Charlottesville, Virginia, BS, 2007, Civil Engineering
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 2007, Engineer In Training, Virginia, VA
g. Document the extent and depth of your experience and qualifications relevant to the Project. <ol style="list-style-type: none">1. <i>Note your specific responsibilities and authorities for each project, not those of the firm.</i>2. <i>Note whether experience is with current firm or with other firm.</i>3. <i>Provide beginning and end dates for each project; projects older than fifteen (15) years will not be considered for evaluation.</i> (List at least three (3), but no more than five (5) relevant projects* for which you have performed a similar function.) VDOT, Route 653 Road Widening, Chesterfield Virginia. Project manager. Widening of Courthouse Road near the busy intersection of Route 360 (Hull Street Road). The project includes lane widening, underground utility relocation, signalization rework and storm drain installation. Project responsibilities include, managing schedule, submittals, subcontractors, monthly billing, and dealing with day to day construction related issues. (Fielder's Choice Enterprises, 2014 to Present) City of Radford, Second Avenue and Park Roads Improvements Project, Radford Virginia. Project manager. A two year project that widens the main road that links the City to the University. The project includes lane widening, retaining walls, traffic circle, underground utility relocation, overhead utility relocation and storm drain installation. Project responsibilities include, managing schedule, submittals, subcontractors, weekly meetings with the owner, monthly billing, and dealing with day to day construction related issues. (Fielder's Choice Enterprises, 2012 to Present)

Town of Keysville, Keysville Water System Improvements, Keysville, Virginia. Project manager. Responsible for project management of construction project for renovations to an existing water treatment plant in Keysville, Virginia. Managed schedule, subcontractors, billings, and other issues that arose from day to day construction activities. (*Felder's Choice Enterprises, 2012 to 2014*)

Edens & Avant, Albemarle Place Stormwater Management Plan, Stonefield, Charlottesville, Virginia. Project engineer. Performed detailed routing calculations to size underground stormwater facility and MS-19 calculations for adequate outfall design. Coordinated with city and county authorities to resolve comments and get plan approval. Was under supervision of senior project engineer. (*WW Associates, 2009 to 2011*)

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

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

N/A

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.
a. Name & Title: Dean Hatfield, PE, Vice President
b. Project Assignment: Design Manager
c. Name of Firm with which you are now associated: Louis Berger
d. Years experience: With this Firm <u>10</u> Years With Other Firms <u>23</u> Years Please list chronologically (most recent experience first) your employment history, position, general responsibilities, and duration of employment for the last fifteen (15) years. (NOTE: If you have less than 15 years of experience, please list the experience for those years you have worked. Project specific experience shall be included in Section (g) below): August 2004 - Present: Louis Berger; Richmond, Virginia and Raleigh, North Carolina. Director of transportation engineering and now vice president for Louis Berger's transportation engineering operation in the Southeast Region. He is responsible for the design development, engineering management, and construction inspection of transportation projects. Focusing on complete project delivery to clients that include VDOT, NCDOT and SCDOT. June 1989 – August 2004: Parsons Brinckerhoff; Raleigh, North Carolina. Senior project manager responsible for leading the transportation design group and managing projects delivering transportation infrastructure projects in the Carolinas and Virginia. Responsible for plan development, design quality, project delivery, and budget.
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: West Virginia Institute of Technology, Montgomery, West Virginia, MS, 1983, Civil Engineering West Virginia Institute of Technology, Montgomery, West Virginia, BS, 1981, Civil Engineering
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 1986, Professional Engineer, Virginia, VA # 18960; 2014 Professional Engineer, Maryland, MD # 44994; 1989 Professional Engineer, North Carolina NC # 16003; 1988 Professional Engineer, South Carolina SC # 12410; 1985, Professional Engineer, West Virginia WV # 9929; 2012 Professional Engineer, Florida, FL # 75290.

- g. Document the extent and depth of your experience and qualifications relevant to the Project.
1. *Note your specific responsibilities and authorities for each project, not those of the firm.*
 2. *Note whether experience is with current firm or with other firm.*
 3. *Provide beginning and end dates for each project; projects older than fifteen (15) years will not be considered for evaluation.*

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

VDOT, U.S. Route 29 at Gallows Road, Fairfax County Virginia. Design manager. The project includes multiple lane widening, raised medians, shared use paths, extensive utility coordination, and the complete reconstruction of portions of U.S. 29 and Gallows Road in the vicinity of I-495. Design responsibilities include developing roadway geometrics, cross sections, intersection details, ROW plans, construction plans, and plan quantity calculations. *(Louis Berger, March 2010 to January 2013)*

VDOT, Telegraph Road Route 611, Fairfax County, Virginia. Project manager - post design. Responsible for project and design management of final design engineering for roadway widening and reconstruction from South Van Dorn Street (Rte. 613) to South Kings Highway (Route 633) a distance of approximately 0.2 miles of urban minor arterial roadway. The project also includes reconstruction of the Huntley Meadows Park entrance and parking lot to provide safer access and an existing stream crossing at Dogue Creek will be widened with a new, prefabricated structure. Specific deliverables included right of way plans, final construction plans, and construction documents, as well as public involvement. *(Louis Berger, October 2011 to Present)*

Town of Cary, Cary Parkway and Old Apex Road Intersection Improvements, Cary, North Carolina. Project manager for the Town of Cary's project to improve the traffic operations at the intersection of Old Apex Road and Cary Parkway. The design project for the intersection improvements included adding turn lanes and modifications to the traffic signal. The construction plans were originally on an aggressive three month design schedule in order to make an award for late summer. Coordination with NCDOT and other adjacent projects was a key element with the project. *(Louis Berger, March 2009 to November 2011)*

NCDOT, Blowing Rock Acute Care Facility Access Road/U.S. 321, Watauga County, North Carolina Project manager for the design and construction administration of a two-lane access road. Under an aggressive project schedule of eight months, Louis Berger was tasked with providing full service engineering, planning, and environmental services for delivery of this roadway project. Main access to the Blowing Rock Acute Care Facility from U.S. 321 includes the realignment and design of approximately a half-mile of an existing gravel road and a new two-span cored slab bridge over Middle Fork Creek. The proposed alignment incorporates access for a future greenway, curb and gutter, and pedestrian sidewalks to the facility. Additional services provided were hydraulics, traffic control, erosion control, signing, pavement markings, utility coordination, and signal design. *(Louis Berger, January 2013 to June 2014)*

NCDOT, B-4656 Hillsborough Street Bridge Replacement, Raleigh, North Carolina. Project manager for the designed related to the roadway and drainage elements for a new \$2.6 million NCDOT project creating a signalized intersection to replace an aging bridge in West Raleigh, North Carolina. The existing complicated three intersection confluence of Hillsborough Street, Western Boulevard and nearby Jones Franklin Road required the demolition of an aging 1950's U.S. Route 1 bridge, along with both pairs of curving eastbound and westbound lanes that connected the two urban arterials roads. The design required Hillsborough Street to be realigned to intersect perpendicularly with now urban Western Boulevard without impacting an adjacent and railroad structure on the National Register. With the addition of sidewalks and bicycle lanes, this project improves the area for multi-modal uses including transit services, and for pedestrians, and cyclists. Project utilized GEOPAK Roadway and Drainage software along with an analysis for pre and post stormwater run-off conditions. Because the new intersection configuration will require take up less useable land than the old pair of curving lanes, the City of Raleigh recovered four acres of prime commercial real estate which will be sold to private buyers to replenish funds for future transportation projects. *(Louis Berger, September 2010 to April 2012)*

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

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

N/A

ATTACHMENT 3.3.1

KEY PERSONNEL RESUME FORM

Brief Resume of Key Personnel anticipated for the Project.
a. Name & Title: Syed Khan, PE, CCM, PMP, DBIA, Design-Build Manager
b. Project Assignment: Quality Assurance Manager
c. Name of Firm with which you are now associated: CES Consulting LLC
d. Years experience: With this Firm <u>1</u> Years With Other Firms <u>31</u> Years Please list chronologically (most recent experience first) your employment history, position, general responsibilities, and duration of employment for the last fifteen (15) years. (NOTE: If you have less than 15 years of experience, please list the experience for those years you have worked. Project specific experience shall be included in Section (g) below): July 2013 – Present: CES Consulting LLC; Chantilly, Virginia. Design-build manager. Overseeing and supervising the construction of Design-Build and special projects in Virginia and Washington DC, overseeing construction engineering and management services and preparing technical and business proposals for various clients. Leading the way to manage special projects identified by clients to suit their specific needs. In addition, I am also responsible for the construction management of the I-66 Interstate widening project in Virginia for the VDOT. For the design-build projects, Mr. Khan has been responsible for generating the QA/QC program, assuring that the necessary flow of information between QA and QC is clearly separated and defined for both the design and construction elements. Furthermore, he has coordinated all of the QA efforts and developed metrics for assuring QC inspection and testing requirements have been met. Mr. Khan is familiar with tracking and reconciling non-conformance issues as well as all the items in the work package. Responsibilities also include development of scope of work, procurement of design consultant, managing conceptual design development, risk management, procurement of design-build contractor, managing the detailed design development, quality assurance audits, contract administration, project controls, claims management and final close outs. December 2011 – June 2013: Parsons Brinkerhoff; Qatar. Area manager. Responsible for overseeing and coordinating the design management, construction contract procurement, construction management, handing over and overseeing the defect liability period and final handing over of roads and drainage projects. March 2007 – December 2011: ALDAR Properties; Abu Dhabi, UAE. Deputy director for Yas Island Developments. Responsible for the development of Infrastructure projects at Yas Island. September 1997 – February 2007: Parsons International; Pasadena, California. Senior construction manager responsible for the design and construction management of several projects such as Terminal 1A, Terminal 2, Terminal 3, Quick Baggage Transfer, New Hard Stands, and the Refurbishment of the Cargo Terminal at the Abu Dhabi International Airport to cater for three million passengers per year.
e. Education: Name & Location of Institution(s)/Degree(s)/Year/Specialization: State University of New York, Buffalo, MS, 1989, Construction Management N.E.D. University of Engineering & Technology, Pakistan, BS, 1981, Civil Engineering
f. Active Registration: Year First Registered/ Discipline/VA Registration #: 1995, Professional Engineer Virginia, VA # 31057

- g. Document the extent and depth of your experience and qualifications relevant to the Project.
1. *Note your specific responsibilities and authorities for each project, not those of the firm.*
 2. *Note whether experience is with current firm or with other firm.*
 3. *Provide beginning and end dates for each project; projects older than fifteen (15) years will not be considered for evaluation.*

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

VDOT, I-66 Spot 2 Improvements, Arlington, Virginia. Responsible engineer and construction manager. Responsibilities include monitoring the quality of construction work, as well as documentation of materials, labor, and equipment used. *(CES Consulting LLC, 2013 to Present)*

Qatar Local Roads and Drainage Program, Qatar Local Roads and Drainage Program, Qatar. Area manager. Responsible for overseeing and coordinating the design management, construction contract procurement, construction management, handing over and overseeing the defect liability period and final handing over of roads and drainage projects. Lead all coordination efforts with other functional groups in the program management organization such as design specialists, project controls, contract management, claims specialists, construction supervision staff and the client for delivering the projects. The program required coordination with various other major programs and government agencies such as Ministry of Municipal Affairs, Ministry of Environment, President's Executive Office and Central Planning Office of Qatar. *(Parsons Brinkerhoff, 2011 to 2013)*

Qatar Local Roads and Drainage Program, Qatar Local Roads and Drainage Program, Qatar. Deputy director for Yas Island Developments. Responsible for the development of Infrastructure projects at Yas Island. Directly responsible for the design, procurement, and construction management of the following transportation and utilities projects on Yas Island:

- 15 mile, 10 lane Design-Build Freeway with several interchanges, roads and waterway crossings connecting Yas Island to Mina Zayed via Saadiyat Island.
- Design and construction of an underwater tunnel (0.8 Miles Long) connecting Yas Island to Raha Beach.
- Construction of all internal roads, surface parking lots, and multilevel parking structures.

The underwater tunnel was a design-build project and the ten lane freeway was a partial design-build project. For both projects, oversaw the design and coordination in addition to managing the constructability review, budget preparation, procurement of construction contract and construction management. He also participated in the defense and resolution of design and construction claims. *(Aldar Properties, 2007 to 2011)*

ALDAR Properties, Various Transportation Infrastructure Projects, Abu Dhabi, UAE. Senior construction manager and senior resident engineer. Responsible for the construction inspection and management of the following transportation projects:

- Al-Ain Road Interchange, Abu Dhabi, UAE
- Al-Fallah Street Road Widening, Abu Dhabi, UAE
- Break Water Infrastructure Developments in Abu Dhabi, UAE:
- Underground Parking Structures in Abu Dhabi, UAE
- Abu Dhabi International Airport

(Parsons International, 1997 to 2007)

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

h. For Key Personnel required to be on-site full-time for the duration of construction, provide a current list of assignments, role, and the anticipated duration of each assignment. **Current signed Task Order ends on 12/31/14.**



APPENDIX H
Work History Forms

ATTACHMENT 3.4.1(a)

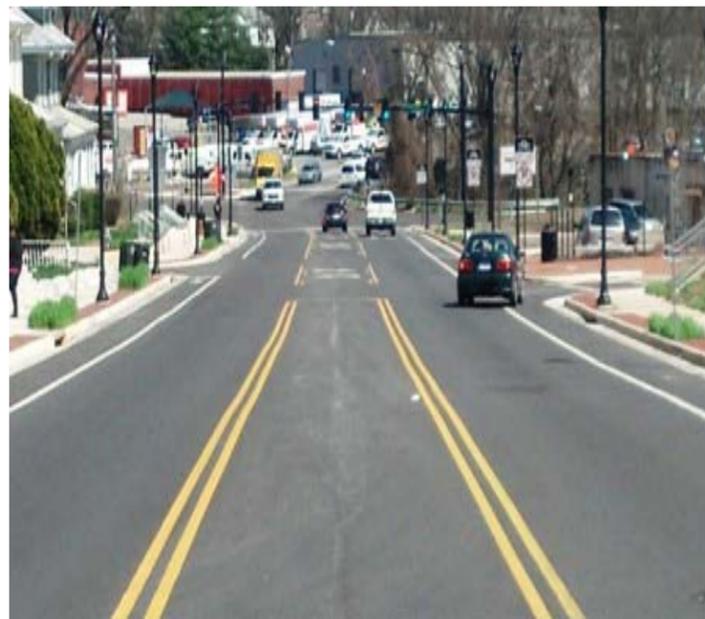
LEAD CONTRACTOR - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design.	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement.(in thousands)
					Original Contract Value	Final or Estimated Contract Value	
Name: Midtown Connector Location: Lynchburg, Virginia	Name: AECOM	Name of Client./ Owner: City of Lynchburg Phone: 434-856-2489 Project Manager: J.P. Morris Phone: 434.455.3918 Email: John.Morris@lynchburgva.gov	11/2014	7/2015	\$15,100	\$15,700	\$15,700

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

The Midtown Connector Project is a project generally consisting of roadway construction including turn lanes, pavement widening, a roundabout, new sidewalk construction, median islands, storm water management basins, storm drainage, installation of new traffic signals, site furnishings, retaining walls, pavers, maintenance of traffic, and pedestrian walkways & access. This project is designed to connect Route 501 from the intersection of Route 29 Business to the intersection of Murrell Road. **Roadway** construction is taken place concurrently on multiple highly trafficked areas used by the general public. Careful attention to maintenance of traffic and pedestrian access is a key component in the safety and operation of this project. **Utility** relocation and installation is a complex task on a daily basis. Close coordination between the City of Lynchburg, public & private utility providers, local authorities, and the general public is an integral part of this project. A major network of public as well as private in-service, abandon, and reclaimed utilities has presented FCE with a unique challenge for the installation of new utilities. **Third party** quality control & assurance teams are assigned to this project and are instrumental in coordination practices between FCE, the City of Lynchburg, local utility providers, and the general public. Thus far, FCE has been able to meet project milestones including traffic pattern switches, new roadway openings, and pedestrian access.



- Key Features**
- ✓ Enhanced traffic design on multiple heavy use intersections
 - ✓ Extensive maintenance of traffic and pedestrian access
 - ✓ Third party quality assurance and quality control

ATTACHMENT 3.4.1(a)

LEAD CONTRACTOR - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design.	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement.(in thousands)
					Original Contract Value	Final or Estimated Contract Value	
Name: Project K44 Location: Henrico County, Virginia	Name: Virginia Department of Transportation	Name of Client./ Owner: Virginia Department of Transportation Phone: 800.663.4188 Project Manager: Kevin McIntyre Phone: 804.920.4770 Email:kevin.mcintyre@VDOT.virginia.gov	11/2012	5/2013	\$2,200	\$2,500	\$2,500

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

VDOT Project Designation K44 was a roadway widening project generally consisting of storm drainage improvements, pavement widening, intersection improvements, storm water management, installation of new traffic signals, maintenance of traffic, and pedestrian access. This project was designed to enhance and increase the flow of traffic on a busy section of Route 1 near Parham Road in Henrico Co., VA. **Roadway** construction took place during the daytime hours as well as several nighttime operations for intersection work including utility crossings and tie-ins. Traffic control was a major task for work in and near the intersections of Parham Road & Brook Road. **Utility** installation and relocation including a large portion of drainage structures & pipe, waterline, sewerline, and traffic signalization were performed under a heavy traffic pattern at all times. Numerous meetings were coordinated with local utility members and service providers to establish a collective plan regarding utility relocations, abandonments, and new utility installation. **Public coordination** regarding lane closures, nighttime operations, intersection improvements, and pedestrian access was carefully planned and executed with members of VDOT, local business owners, and local authorities including the Henrico County Police Department to ensure safe and efficient operations allowing for a successful project completion on time.



- Key Features**
- ✓ Public safety & coordination
 - ✓ Traffic management through careful planning with local agencies
 - ✓ Successful utility installations, tie-ins, and repairs during nighttime operations as well as heavy daytime traffic

ATTACHMENT 3.4.1(a)

LEAD CONTRACTOR - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime design consulting firm responsible for the overall project design.	c. Contact information of the Client or Owner and their Project Manager who can verify Firm's responsibilities.	d. Contract Completion Date (Original)	e. Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement.(in thousands)
					Original Contract Value	Final or Estimated Contract Value	
Name: Second Avenue & Park Road Improvements Location: Radford, Virginia	Name: Anderson & Associates, Inc.	Name of Client./ Owner: City of Radford, VA Phone: 540.731.3603 Project Manager: Jim Hurt Phone: 540.267.3170 Email: hurtjh@radford.va.us	9/2014	9/2014	\$5,100	\$5,100	\$5,100

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

Second Avenue & Park Road Improvements is currently one of the largest roadway projects underway for the City of Radford. This project generally consists of drainage improvements, grading, clearing and grubbing, roadway/roundabout construction, paved trail/sidewalk construction, the construction of a storm water management facility, retaining wall construction, water and sanitary sewer improvements, lighting, landscaping, electrical power relocations, and restoration. **Roadway** improvements have been designed and are being constructed to increase the efficiencies of traffic flow through a main traffic artery connecting the town to Radford University. Citywide notifications to the general public by members of Radford's management team and FCE have been a key to the success of roadway closures, delays, and traffic reroutes. **Utility** relocations, most notably overhead utilities, require a collective team effort with FCE, the City of Radford Public Utilities, utility providers, and FCE's utility subcontractor. Notification and coordination with local businesses and homeowners during the relocation process requires careful planning through ongoing meetings with the city manager and staff to maintain services. **Public involvement** from private and public utility providers, the help of local residents, and staff from the City of Radford has allowed construction to track along as planned with endorsement and overall enthusiasm from the general public.



- Key Features**
- ✓ Innovative roadway roundabout and intersection improvements
 - ✓ Effective traffic maintenance & public safety
 - ✓ Relocation of overhead power lines to an underground system with close coordination with the city's public works department

ATTACHMENT 3.4.1(b)

LEAD DESIGNER - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime/ general contractor responsible for overall construction of the project.	c. Contact information of the Client and their Project Manager who can verify Firm's responsibilities.	d. Construction Contract Completion Date (Original)	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement.(in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
Name: Route 29 and Gallows Road Improvement Location: Fairfax County, Virginia	Name: A&W Contracting Corporation	Name of Client : VDOT Phone: 703.259.1940 Project Manager: Arif Rahman Phone: 703.259.1940 Email: MD.Rahman@vdot.virginia.gov	10/2012	10/2012	\$18,000 Roadway Construction \$8,000 Advanced In-plan Utility = ± \$26,000 total	\$18,000 Roadway Construction \$8,000 Advanced In-plan Utility = ± \$26,000 total	\$3,602

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.

Louis Berger was selected as the prime consultant for this principle urban arterial project in close proximity to the Route 7 bridge widening project. The design work demonstrates capabilities in the three main risk areas identified in the Route 7 project including (1) traffic management (2) plan development with multiple third party stakeholders, and (3) high utility impacts and the ability to mitigate those risks.

Roadway. Louis Berger staff developed the Initial Route 29 Conceptual Study which included a series of traditional and non-traditional alternative solutions to improve capacity issues at the prominent Lee Highway (US Route 29) and Gallows Road intersection including at-grade and split-grade alternatives. Staff developed a comprehensive Traffic Software Integrated System simulation model to assess all four alternatives and presented same to a citizen's information meeting. The selected alternative was a reconfigured and widened at-grade intersection to accommodate design year 2035 volumes with a forecast average daily traffic (ADT) of 55,000 vehicles per day. The project consisted of reconstruction and widening of 1.5 miles of US Route 29 and Gallows Road, widening Gallows Road from four-lane undivided to six-lanes divided roadway with curb and gutter and raised grass medians. The final Louis Berger design included five reconfigured intersections with improved turn lane capacity and signalization improvements. Access management principles were applied on the design including elimination to full access control at certain areas with the construction of raised medians. The design included pedestrian and bicycle improvements to the Merrifield Area with the construction of "shared roadways" for bicycles, sidewalks, shared use paths, improved pedestrian crossings with push button signalization and pedestrian sidewalk ramps features prominently required in the scope of work for the Route 7 widening project. In November 2010, Louis Berger submitted final construction plans to VDOT.

Public involvement/relations. Similar to the proposed Route 7 project the Gallows Road project had three adjacent projects affecting the development of the plan including the I-495 High Occupancy Toll (HOT) Lanes project, the Merrifield Town Center development valued near \$100 million, and a second private development project valued in the tens of millions of dollars. Louis Berger staff coordinated extensively with public meetings, hearings, informal meetings with Fairfax County officials and a 30 person Citizen and Business Task Force to address issues with rights-of-way, utilities, and effects on adjacent projects.

Utilities. Due to several project constraints including funding, the intense adjacent private development, exorbitant utility relocation and right-of-way (ROW) acquisition costs identified just prior to ROW plan submission – Louis Berger redesigned the project to accommodate changing project visions and prepared a unique construction plan product wherein a "child" advanced in-plan utility contract was let to relocate several water mains and laterals prior to the letting of the roadway construction project in 2011. Louis Berger continuously strived to be flexible and provide adaptive design solutions through the life-cycle development of plans. Louis Berger service covered the breadth and depth of technical and developmental transportation issues on the project including meeting the VDOT ROW staff and individual property owners to develop design modifications that assisted in ROW negotiations, reviewing and advising VDOT on private development plans including proffer language; partnering meetings with the in-plan utility design contractor; depicting private, public, existing, proposed, and as-built utility information in cross sections to eliminate conflicts, and coordinating interim design to allow for the I-495 HOT Lane construction project.

TMPs. Taking into account the surrounding projects and extensive utility relocations Louis Berger developed extensive multi-phased TMPs to ensure safety of construction workers, vehicular and non-vehicular traffic, and efficient construction of this complicated project that kept work on schedule and on budget. Louis Berger completed all phases of design for this design-bid-build project. Construction for the project was completed in 2012.

**Demonstrated Capabilities in mitigating risk in three areas:
Traffic Management & Safety, Accurate Subsurface Utility
Engineering, and Utilities Relocations –**

- ✓ Extensive capacity improvements at five key intersections including Lee Highway at Gallows Road
- ✓ Multi-model design which included extensive 3rd Party Coordination with private developers, the I-495 HOT Lane Project, Fairfax County staff and citizens
- ✓ Extensive maintenance of traffic with thorough TMPs
- ✓ Issued "child" advanced in-plan utility plan to move water mains and laterals in advance of general construction.



**Office Location(s) : Richmond, Virginia
Firm's Role : Prime Consultant**

ATTACHMENT 3.4.1(b)

LEAD DESIGNER - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)

a. Project Name & Location	b. Name of the prime/ general contractor responsible for overall construction of the project.	c. Contact information of the Client and their Project Manager who can verify Firm's responsibilities.	d. Construction Contract Completion Date (Original)	e. Construction Contract Completion Date (Actual or Estimated)	f. Contract Value (in thousands)		g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement.(in thousands)
					Construction Contract Value (Original)	Construction Contract Value (Actual or Estimated)	
Name: Telegraph Road Widening and Culvert Replacement Location: Fairfax County, Virginia	Name: Shirley Contracting Company , LLC	Name of Client.: VDOT Phone: 703.259.2397 Project Manager: Khalid Gandhi, PE Email: khalid.gandhi@vdot.virginia.gov	08/2015	08/2015 (Estimated)	\$10,860	\$10,860	\$6,203 (Total Contract for multi design projects for Telegraph Road)

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.

Louis Berger is the prime consultant under contract to VDOT for the engineering design to widen 0.50 miles of this urban minor arterial. In February of 2010, Fairfax County agreed to fund the construction for Telegraph Road from the intersections of South Van Dorn Street and South Kings Highway along Telegraph Road and has a significant oversight role. The design work demonstrates capabilities in the three main risk areas identified in the Greenview Drive Widening project including (1) traffic management (2) accurate identification of underground utilities and (3) high utility relocation requirements requiring extensive coordination with both public and private utility owners and the ability to mitigate those risks.

Roadway. This project consists of reconstruction and widening of this segment of Route 611 from a two lane roadway to a four lane divided roadway with on street bicycle lanes, curbing, sidewalks, and a shared use path. Design includes reconfiguration of two intersections with signal replacements.

Hydraulics. In addition to the roadway improvements the project design includes storm sewer design, culvert replacement, stream restoration, and storm water management design for water quality treatment. Telegraph Road currently crosses over Dogue Creek and requires a culvert replacement to accommodate the proposed roadway widening. The existing Dogue Creek crossing consists of two – (9'x6') corrugated metal pipe (CMP) arches which currently allow water to overtop the road during a two year storm event. Louis Berger designed a Triple – 20'x7' three sided structures to replace the existing culverts. A HEC-RAS study was conducted by Louis Berger

to ensure the new structure passes the 25 year design storm event required for this roadway classification and does not increase the existing 100-year floodplain elevation for the watershed. The new Three Sided Structure required re-grading of existing Dogue Creek. The grading design includes a low flow center channel, intermediate banks, and high banks. Louis Berger personnel designed more than 4,000 linear feet of new storm sewer to convey and treat the water runoff from the project. Project includes conveyance of the storm water into a new storm sewer system and treatment of the pavement surfaces through the use of two underground water quality structures located along Telegraph Road.

Utility Coordination. The Berger team carefully coordinated road and hydraulic design to minimize impact to utilities particularly a large water main. We worked with the in-plan designer to facilitate timely relocation of the water main

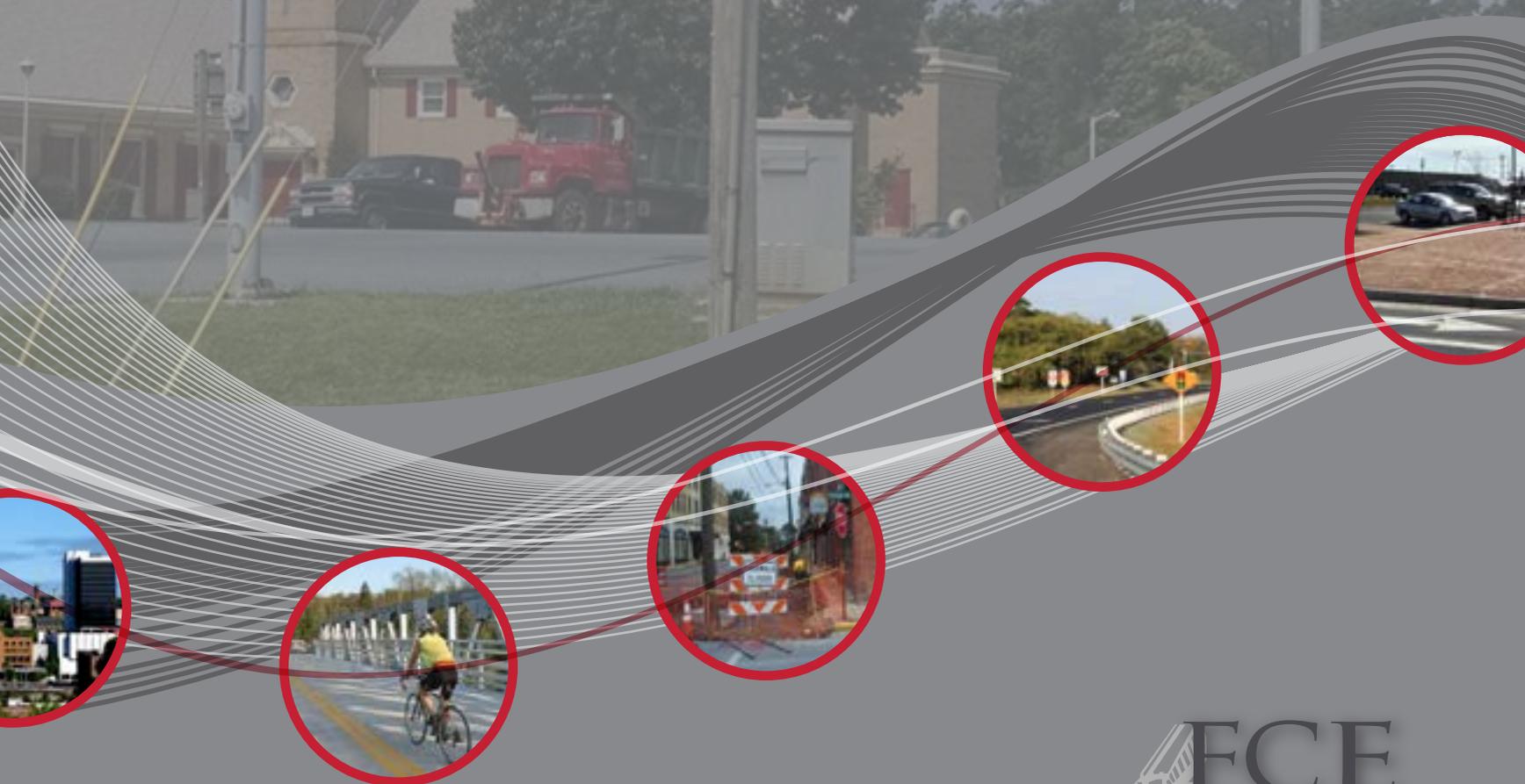
TMPs. Developed extensive traffic management and sequence of construction plans to build the triple culvert in two phases while maintaining two-way traffic throughout the life of the project in very restrictive right-of-way near Dogue Creek.

Demonstrated Capabilities in mitigating risk in three areas: Traffic Management & Safety, Accurate Subsurface Utility Engineering, and Utilities Relocations –

- ✓ Extensive coordination with public and private utility owners
- ✓ Improved channel flow of Dogue Creek and restored stream
- ✓ Relocating public and private utilities



Office Location(s) : Richmond, Virginia
Firm's Role : Prime Consultant



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