Submitted to: VDOT Virginia Department of Transportation

Design-Build

Military Highway Continuous Flow Intersection

From: 0.023 Miles South of Lowery Rd.
To: 0.230 Miles North of Interstate 64

Norfolk, Virginia

State Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181
Federal Project No.: STP-5A03 (755)
Contract ID Number: C00001765DB81

Letter of Submittal & Attachments

Prepared by:

Corman Construction
In Association with Parsons

July 27, 2015
4.1 Letter of Submittal
July 27, 2015

Mr. Bryan W. Stevenson, PE
Alternate Project Delivery Office
Virginia Department of Transportation
1401 East Broad Street
Richmond, VA 23219

RE: Letter of Submittal: Design Build Military Highway Continuous Flow Intersection
State Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181 | Federal Project No.: STP-5A03 (755) | Contract ID Number: C00001765DB81

Dear Mr. Stevenson:

4.1.1 Corman-E.V. Williams, a Joint Venture (Corman-EVW JV), 925 S. Military Highway, Virginia Beach, VA 23464 is the legal entity who will execute the contract with VDOT and submits the following:

- One original Letter of Submittal and Attachments
- One CD-ROM containing the entire proposal in a single cohesive Adobe PDF file

4.1.2 The Corman-EVW JV declares that if selected, we will enter into a contract with VDOT for this project per the RFP.

4.1.3 Pursuant to Part 1, Sec. 8.2, the Corman-EVW JV declares that the offer represented by our Proposal will remain in full force and effect for 120 days after the date the Letter of Submittal and Attachments are actually submitted to VDOT (July 27, 2015).

<table>
<thead>
<tr>
<th>4.1.4 Point of Contact</th>
<th>4.1.5 Principal Officer of Legal Entity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jo Ellen Sines, DBIA, Vice President Project Development Corman Construction, Inc. 12001 Guilford Road Annapolis Junction, MD 20701 410-792-9400 Telephone</td>
<td>Arthur C. Cox, III, Vice President Corman Construction, Inc. 12001 Guilford Road Annapolis Junction, MD 20701 410-792-9400 Telephone</td>
</tr>
<tr>
<td><a href="mailto:jsines@cormanconstruction.com">jsines@cormanconstruction.com</a></td>
<td><a href="mailto:ccox@cormanconstruction.com">ccox@cormanconstruction.com</a></td>
</tr>
</tbody>
</table>

4.1.6 Final Completion Date: May 1, 2018.

4.1.7 An executed Proposal Payment Agreement (Attachment 9.3.1) is in the Appendix.

4.1.8 Certification Regarding Debarment Forms (Attachments 11.8.6(a) and 11.8.7(b)) are in the Appendix.

4.1.9 The Corman-EVW JV is committed to achieving a 12% DBE participation goal for the entire value of the contract.
We present to you a design-build team equipped with the experience, knowledge, and resources to partner with the Virginia Department of Transportation in successfully delivering the Military Highway Continuous Flow Intersection Design-Build project.

Sincerely,

CORMAN CONSTRUCTION, INC.  
Arthur C. Cox, III, Vice President

E.V. WILLIAMS, INC.  
James A. Openshaw, III, President
4.2 Attachments to Letter of Submittal
4.2 ATTACHMENTS TO THE LETTER OF SUBMITTAL

4.2.1 Organizational Chart and Key Personnel
The Corman-EV JV Team confirms that the Key Personnel contained in our SOQ remains true and accurate.

4.2.2 Conceptual Roadway Plans

SEE VOLUME 2 OF OUR LETTER OF SUBMITTAL & ATTACHMENTS, PAGES 4-44
4.2.3 Proposal Schedule
4.2.3.1 Proposal Schedule

SEE VOLUME 2 OF OUR LETTER OF SUBMITTAL & ATTACHMENTS, PAGES 45-49

4.2.3.2 Proposal Schedule Narrative
The Corman/EVW DB Team has evaluated the RFP documents, visited the site, attended pre-proposal and utility meetings, participated in proprietary meeting discussions, and conducted working sessions among our construction and design teams. Through this progression, we developed a simplified solution to deliver the project through our sequencing plan. Our narrative explains how we plan to deliver a positive experience to VDOT and the stakeholders. The project completion date is as shown in the RFP of May 1, 2018.

Project Milestones

Notice of Intent to Award August 18, 2015
CTB Approval/Notice to Award September 16, 2015
Notice to Proceed October 13, 2015
Advance Package RFC April, 2016
Full Roadway Released for Construction August 2016
Early Completion/“No Excuse Incentive” March 16, 2018
Final Project Completion: May 1, 2018

Work Breakdown Structure
The baseline schedule integrates design and construction into a Work Breakdown Structure (WBS) as shown below:

Level 1: Schedule Milestones – Overall schedule review of progress.

Level 2: Scope Validation Period – Includes verification of utilities, geotechnical investigations, conceptual pavement designs, and spot checking the survey and base maps.

Level 3: Environmental Permitting - Includes the SWM/ES and VSMP application.

**Level 5:** Utility Relocations – Includes activities for the UFI meetings, finalizing UT-9 Forms, preparation of the preliminary engineering estimates, utility relocation design by the our team and utility owners, approval of P & E estimates, utility design approvals, and utility relocations.

**Level 6:** Right of Way – Includes requirements for right of way procurement including, titles, appraisals reviews, approvals, negotiations and settlements.

**Level 7:** Construction – Includes all components of roadway and box culvert construction, as well as erosion & sediment controls, stormwater management, and construction, signals, ditches/drainage, lighting, and roadside improvements. Public Relations are included in the general section of this phase.

**Level 8:** Closeout.

### WORK BREAKDOWN STRUCTURE

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<td>Environmental Permitting</td>
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<td>Phase 04</td>
<td>Design</td>
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<td>4.1 Roadway and Structure Plan 30% Design</td>
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<tr>
<td>4.2 Roadway and Structure Plan 60% Design</td>
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<td>4.3 Noise Analysis &amp; Noise Abatement Report</td>
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<td>4.4 Geotechnical Analysis &amp; Geotechnical Report</td>
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<td>4.5 Right of Way Package #1 (Permanent Takes)</td>
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<td>4.6 Design Package #1 (Box Culvert)</td>
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<tr>
<td>4.7 Design Package #2 (Roadway, Utilities, Drainage, SWM, E&amp;S, and MOT)</td>
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<tr>
<td>4.8 Right of Way Package #2 (Easements)</td>
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<td>4.9 Design Package #3 (Noise Walls, Signals, Signs, ITS, and Lighting)</td>
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<td>4.10 Design Package #4 (Landscaping and Incidentals)</td>
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<td>4.11 Design Support During Construction / As-Built Drawings</td>
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<td>Phase 05</td>
<td>Utility Relocations</td>
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<tr>
<td>5.1 Dominion VA Power</td>
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</table>
5.2 City of Norfolk Water and Sewer
5.3 Virginia Natural Gas
5.4 Cox Communications
5.5 Verizon

### Phase 06

**Right of Way Acquisition**

### Phase 07

**Construction**

7.1 Public Involvement
7.2 Pre-Construction Submittals
7.3 Box Culvert Construction
   7.3.3.1 Step “1” Temp Extension of Existing Box
   7.3.3.2 Step “2” Install West Box Culvert
   7.3.3.3 Step “3” Install East Box Culvert
7.4 Segment “1” Station 94+00 to 154+00 (Norfolk Southern RR)
   7.4.1 Pre-Phase, Median & Widening’s
   7.4.2 Step 1, Southbound Military Hwy
   7.4.4 Step “1A” Princess Anne East
   7.4.5 Step “1B” Princess Anne Median
   7.4.6 Step “1C” Princess Anne West
   7.4.7 Step “2” Military Hwy Median
   7.4.8 Step “3” Northbound Military Hwy
   7.4.8 Step “3A” Northampton West
   7.4.9 Step “3B” Northampton Median
   7.4.10 Step “3C” Northampton East
7.5 Segment “2” 154+00(RR) to 178+00
   7.5.1 Step “1” Northbound Widening
   7.5.2 Step “2” Military Hwy Median
Calendars
Three project calendars were used in the schedule and include:

“5-Day Workweek with Basic Holidays” – Based on five working days per week and is used for activities and includes holiday restrictions not impacted by the weather.

“Asphalt Paving” – Based on a non-work period from December 22 through February 28 for weather dependent activities, such as asphalt paving.

“Calendar Days” – Based on seven days per week and is used for design, permitting, and review periods.

Design Phase
The design phase includes preparation, QA/QC reviews, and submissions of roadway and box culvert designs and “Ready for Construction (RFC)” design stages of the box culvert and roadway design process. Included are 21-day review activities for VDOT review periods. Included to support the plan preparation is survey coordination and mapping, geotechnical investigations, and utility designations. Activities are included for geotechnical investigations, reports and a period for VDOT’s review of the geotechnical report prior to submitting the final advanced package. The design phase will begin immediately upon Notice of Intent to Award to begin work on the 30% design plans which will be submitted for review at NTP in October, 2015. It is expected to have “60%” plans ready for review in January 2016. Included are reviews from VDOT and Agencies.

Environmental Permitting
Activities have been incorporated for the full project-wide concept SWM/ES Plan, VSMP Permit, Confirm Jurisdictional Determinations, and Threatened and Endangered Species. Getting these applications in early and accurately will be imperative to keep permits from delaying the project.

Right of Way Acquisition
At the conclusion of approved ROW plans, it is anticipated to receive the Notice to Commence Right of Way Acquisition.

Utility Relocations
Utility relocations will be needed to complete prior to any box culvert construction. The utility relocations that are not in conflict with proposed utilities or new construction activities do not impact the start of the construction, but could delay completion of the project if not completed timely.

Construction
The construction schedule has been set up to reflect the individual projects as noted within the preliminary conceptual designs and allocations for utility relocation. Construction is anticipated to be performed in phases
by area: Although each area shown must follow its phasing plan, work is independent for each area and can begin simultaneous, if desired. Box culvert construction will commence with the RFC of the Advance Package.

Noise Walls remaining utility relocations and Roadside Development; and final Phase 04 includes Removal of Temporary MOT Installations, Milling and Overlay and Final Roadside Development.

**Close Out**
Close out will include preparation and completion of punch list and compiling / review of required QC and QA documents.

**Plan to Execute the Work**
In general, we plan to complete the box culvert and wick drain advanced package design prior to commencing other roadway construction with completion of the project on or before the Final Completion Date of **May 1, 2018**.

For this project we have made the following key assumptions:

- **ROW Requirements**: Will not prohibit start of the box culvert work.
- **Box Culvert**: Work can begin on the box culvert temporary culvert extension and wick drain installation with approval of the Advance Design Package.
- **New Utility Easements & Relocations**: Will be expeditious, not impact permitting requirements and not impact critical schedule activities.
- **Final Job Completion**: Work will be completed by **May 1, 2018**.

**Schedule Overview**

<table>
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<tr>
<th>Event</th>
<th>Date</th>
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<tbody>
<tr>
<td>Notice of Intent to Award</td>
<td>August 18, 2015</td>
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<tr>
<td>Design Activities</td>
<td>August 2015 through November 2016</td>
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<tr>
<td>Construction</td>
<td>August 2016 through May 1, 2018</td>
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<tr>
<td>Final Completion</td>
<td>May 1, 2018</td>
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</table>

**Construction**
Construction is anticipated to be performed in major segments shown below:

- Box Culvert Station 122+00 to 128+00
- Segment “1” Station 94+00 to 154+00 (Norfolk Southern RR)
- Segment “2” Station 154+00 to 178+00
- Segment “3” Station Robin Hood Road

Construction is scheduled to take place with multiple crews with much of the work in each phase being constructed simultaneously. Weekly scheduling and supervisory meetings with the Construction Manager, Project Engineer, Construction QC Manager, QAM, superintendents, foreman, and engineers will establish the three-week schedules. These schedules include detailed QC inspection and testing needs. Subcontractors will be involved in weekly scheduling meetings.

**Critical Path**
The critical path flows through 30% and 60% Design, Environmental Permitting to installation of wick drains and construction of the new box culvert.
Appendix
Offerors shall furnish a copy of this Technical Proposal Checklist, with the page references added, with the Technical Proposal.

<table>
<thead>
<tr>
<th>Technical Proposal Component</th>
<th>Form (if any)</th>
<th>RFP Part 1 Cross Reference</th>
<th>Page Reference</th>
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<tr>
<td>Letter of Submittal and Attachments Checklist</td>
<td>Attachment 4.0.1.1</td>
<td>Section 4.0.1.1</td>
<td>Vol.1, 55</td>
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<td>Acknowledgement of RFP, Revisions, and/or Addenda</td>
<td>Attachment 3.6 (Form C-78-RFP)</td>
<td>Sections 3.6, 4.0.1.1</td>
<td>Vol.1, 57</td>
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<td>120 day declaration</td>
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<td>Section 4.1.3</td>
<td>Vol.1, 1</td>
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<td>Principal Officer information</td>
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<td>Section 4.1.5</td>
<td>Vol.1, 1</td>
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<td>Attachment 9.3.1 or 9.3.2</td>
<td>Section 4.1.7</td>
<td>Vol.1, 58</td>
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<td>Section 4.1.8</td>
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<td>Vol.1, 3</td>
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<td>Confirmation that the information provided in the SOQ submittal remains true and accurate or indicates that any requested changes were previously approved by VDOT</td>
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<td>Technical Proposal Component</td>
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<td>NA</td>
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<td>Vol.2, 4-44</td>
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<td>Disadvantaged Business Enterprises (DBE)</td>
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<td>Written statement of percent DBE participation</td>
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<td>Section 4.1.9</td>
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<td>Proposal Schedule</td>
<td>NA</td>
<td>Section 4.2.3</td>
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<td>Proposal Schedule Narrative</td>
<td>NA</td>
<td>Section 4.2.3</td>
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<tr>
<td>Proposal Schedule in electronic format (CD-ROM)</td>
<td>NA</td>
<td>Section 4.2.3</td>
<td>CD-ROM</td>
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</table>
ATTACHMENT 3.6

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

RFP NO. C00001755DB81
PROJECT NO.: 0165-122-V04

ACKNOWLEDGEMENT OF RFP, REVISION AND/OR ADDENDA
Acknowledgement shall be made of receipt of the Request for Proposals (RFP) and/or any and all revisions and/or addenda pertaining to the above designated project which are issued by the Department prior to the Letter of Submittal submission date shown herein. Failure to include this acknowledgement in the Letter of Submittal may result in the rejection of your proposal.

By signing this Attachment 3.6, the Offeror acknowledges receipt of the RFP and/or following revisions and/or addenda to the RFP for the above designated project which were issued under cover letter(s) of the date(s) shown hereon:

1. Cover letter of April 17, 2015 – RFP
   (Date)

2. Cover letter of July 2, 2015- Addendum #1
   (Date)

3. Cover letter of July 13, 2015- Addendum #2
   (Date)

4. Cover letter of July 22, 2015- Addendum #3
   July 23, 2015 -RFP Info Package Addendum #1-Additional
   Information 7.27.15
   SIGNATURE DATE
   Arthur C. Cox, III Vice President
   PRINTED NAME TITLE
ATTACHMENT 9.3.1
PROPOSAL PAYMENT AGREEMENT

THIS PROPOSAL PAYMENT AGREEMENT (this “Agreement”) is made and entered into as of this 27th day of July, 2015, by and between the Virginia Department of Transportation (“VDOT”), and Corman-E.V. Williams, (“Offeror”).

WITNESSETH:

WHEREAS, Offeror is one of the entities who submitted Statements of Qualifications (“SOQs”) pursuant to VDOT’s December 12, 2014 Request for Qualifications (“RFQ”) and was invited to submit proposals in response to a Request for Proposals (“RFP”) for the Military Highway Continuous Flow Intersection Project Numbers 0013-122-V03, 0165-122-V04, 0165-122-181 ("Project"), under a design-build contract with VDOT (“Design-Build Contract”); and

WHEREAS, as part of the procurement process for the Project, Offeror has already provided and/or furnished to VDOT, and may continue to provide and/or furnish to VDOT, certain intellectual property, materials, information and ideas, including, but not limited to, such matters that are: (a) conveyed verbally and in writing during proprietary meetings or interviews; and (b) contained in, related to or associated with Offeror’s proposal, including, but not limited to, written correspondence, designs, drawings, plans, exhibits, photographs, reports, printed material, tapes, electronic disks, or other graphic and visual aids (collectively “Offeror’s Intellectual Property”); and

WHEREAS, VDOT is willing to provide a payment to Offeror, subject to the express conditions stated in this Agreement, to obtain certain rights in Offeror’s Intellectual Property, provided that Offeror submits a proposal that VDOT determines to be responsive to the RFP (“Offeror’s Proposal”), and either (a) Offeror is not awarded the Design-Build Contract; or (b) VDOT cancels the procurement or decides not to award the Design-Build Contract to any Offeror; and

WHEREAS, Offeror wishes to receive the payment offered by VDOT, in exchange for granting VDOT the rights set forth in this Agreement.

NOW, THEREFORE, in consideration of the mutual covenants and agreements set forth in this Agreement and other good and valuable consideration, the receipt and adequacy of which are acknowledged by the parties, the parties agree as follows:
1. **VDOT’s Rights in Offeror’s Intellectual Property.** Offeror hereby conveys to VDOT all rights, title and interest, free and clear of all liens, claims and encumbrances, in Offeror’s Intellectual Property, which includes, without restriction or limitation, the right of VDOT, and anyone contracting with VDOT, to incorporate any ideas or information from Offeror’s Intellectual Property into: (a) the Design-Build Contract and the Project; (b) any other contract awarded in reference to the Project; or (c) any subsequent procurement by VDOT. In receiving all rights, title and interest in Offeror’s Intellectual Property, VDOT is deemed to own all intellectual property rights, copyrights, patents, trade secrets, trademarks, and service marks in Offeror’s Intellectual Property, and Offeror agrees that it shall, at the request of VDOT, execute all papers and perform all other acts that may be necessary to ensure that VDOT’s rights, title and interest in Offeror’s Intellectual Property are protected. The rights conferred herein to VDOT include, without limitation, VDOT’s ability to use Offeror’s Intellectual Property without the obligation to notify or seek permission from Offeror.

2. **Exclusions from Offeror’s Intellectual Property.** Notwithstanding Section 1 above, it is understood and agreed that Offeror’s Intellectual Property is not intended to include, and Offeror does not convey any rights to, the Escrow Proposal Documents submitted by Offeror in accordance with the RFP.

3. **Proposal Payment.** VDOT agrees to pay Offeror the lump sum amount of Twenty Five Thousand and 00/100 Dollars ($25,000.00) (“Proposal Payment”), which payment constitutes payment in full to Offeror for the conveyance of Offeror’s Intellectual Property to VDOT in accordance with this Agreement. Payment of the Proposal Payment is conditioned upon: (a) Offeror’s Proposal being, in the sole discretion of VDOT, responsive to the RFP; (b) Offeror complying with all other terms and conditions of this Agreement; and (c) either (i) Offeror is not awarded the Design-Build Contract, or (ii) VDOT cancels the procurement or decides not to award the Design-Build Contract to any Offeror.

4. **Payment Due Date.** Subject to the conditions set forth in this Agreement, VDOT will make payment of the Proposal Payment to the Offeror within forty-five (45) days after the later of: (a) notice from VDOT that it has awarded the Design-Build Contract to another Offeror; or (b) notice from VDOT that the procurement for the Project has been cancelled and that there will be no Contract Award.

5. **Effective Date of this Agreement.** The rights and obligations of VDOT and Offeror under this Agreement, including VDOT’s ownership rights in Offeror’s Intellectual Property, vests upon the date that Offeror’s Proposal is submitted to VDOT. Notwithstanding the above, if Offeror’s Proposal is determined by VDOT, in its sole discretion, to be nonresponsive to the RFP, then Offeror is deemed to have waived its right to obtain the Proposal Payment, and VDOT shall have no obligations under this Agreement.
6. **Indemnity.** Subject to the limitation contained below, Offeror shall, at its own expense, indemnify, protect and hold harmless VDOT and its agents, directors, officers, employees, representatives and contractors from all claims, costs, expenses, liabilities, demands, or suits at law or equity (“Claims”) of, by or in favor of or awarded to any third party arising in whole or in part from: (a) the negligence or wilful misconduct of Offeror or any of its agents, officers, employees, representatives or subcontractors; or (b) breach of any of Offeror’s obligations under this Agreement, including its representation and warranty under Section 8 hereof. This indemnity shall not apply with respect to any Claims caused by or resulting from the sole negligence or wilful misconduct of VDOT, or its agents, directors, officers, employees, representatives or contractors.

7. **Assignment.** Offeror shall not assign this Agreement, without VDOT’s prior written consent, which consent may be given or withheld in VDOT’s sole discretion. Any assignment of this Agreement without such consent shall be null and void.

8. **Authority to Enter into this Agreement.** By executing this Agreement, Offeror specifically represents and warrants that it has the authority to convey to VDOT all rights, title, and interest in Offeror’s Intellectual Property, including, but not limited to, those any rights that might have been vested in team members, subcontractors, consultants or anyone else who may have contributed to the development of Offeror’s Intellectual Property, free and clear of all liens, claims and encumbrances.

9. **Miscellaneous.**

   a. Offeror and VDOT agree that Offeror, its team members, and their respective employees are not agents of VDOT as a result of this Agreement.

   b. Any capitalized term used herein but not otherwise defined shall have the meanings set forth in the RFP.

   c. This Agreement, together with the RFP, embodies the entire agreement of the parties with respect to the subject matter hereof. There are no promises, terms, conditions, or obligations other than those contained herein or in the RFP, and this Agreement shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties hereto.

   d. It is understood and agreed by the parties hereto that if any part, term, or provision of this Agreement is by the courts held to be illegal or in conflict with any law of the Commonwealth of Virginia, validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular part, term, or provisions to be invalid.

   e. This Agreement shall be governed by and construed in accordance with the laws of the Commonwealth of Virginia.
IN WITNESS WHEREOF, this Agreement has been executed and delivered as of the day and year first above written.

VIRGINIA DEPARTMENT OF TRANSPORTATION

By: ____________________________

Name: __________________________

Title: __________________________

[Insert Offeror's Name]

Corman-E.V. Williams, a Joint Venture

By: ____________________________

Name: Arthur C. Cox, III

Title: Vice President,

Corman Construction, Inc.
ATTACHMENT 11.8.6(a)
CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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

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

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

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

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

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

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

[Signature]
6.26.15
Vice President
Title

Corman Construction, Inc.
Name of Firm
ATTACHMENT 11.8.6(a)
CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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;

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

[Signature]
Date: 5/11/15
Title: President

[Signature]
Title: E.V. Williams Inc.

Name of Firm
ATTACHMENT 11.8.6(a)
CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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

[Signature] 6.26.15  Vice President for Corman
[Date]     Title Construction, Inc.

Corman-E.V. Williams, a Joint Venture
Name of Firm
ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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.

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

[Signature]  June 12, 2015  [Vice President]
[Name of Firm]

Parsons Transportation Group

[Title]
ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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

[Zachary A. Johnson] [5-18-15] [President]
Signature Date Title

[Ken Environmental Services]
Name of Firm
ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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

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

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

[Signature] 5/12/15  Treasurer
Signature Date Title

Diversified Property Services, Inc.
Name of Firm
ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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

Signature  
Date  

5/14/2015

Joel S. Keels, CCM  
Vice President  
Title

KCI Technologies, Inc.

Name of Firm
ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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Signature  6.8.15  VP of Public Affairs

Date  Title

Seventh Point Transportation PR

Name of Firm
ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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_________________________
Signature

_________________________
Date

_________________________
President

_________________________
Title

_________________________
Athavale, Lystad & Associates, Inc.

_________________________
Name of Firm
ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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

[Signature] May 12, 2015 [President]
[Signature] Date [Title]

Rice Associates, Inc.

Name of Firm
ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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

[Signature]  6/22/15  [Contracts Manager]

[Name of Firm]
ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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[Signature] [Date] [President]
[Name of Firm]
ATTACHMENT 11.8.6(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS

Project No.: 0013-122-V03, 0165-122-V04, 0165-122-181

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

Edward C. Dahlgren 5/12/15 SENIOR VICE PRESIDENT
Signature Date Title

Schnabel Engineering Consultants, Inc.
Name of Firm
Design-Build

Military Highway Continuous Flow Intersection

From: 0.023 Miles South of Lowery Rd.
To: 0.230 Miles North of Interstate 64

Norfolk, Virginia

Letter of Submittal & Attachments

Prepared by:

Corman Construction & EVV Williams In Association with Parsons

July 27, 2015

State Project No.: 0165-122-V03, 0165-122-V04, 0165-122-181
Federal Project No.: STP-SA03 (755)
Contract ID Number: C00001765DB81
PRELIMINARY TYPICAL SECTION
MILITARY HIGHWAY MAINLINE

RIGHT TURN LANE
See Plans for Specific Offset Location
STATION 96-94.00 TO STATION 100-00.00
STATION 100-00.00 TO STATION 103-50.00
STATION 103-50.00 TO STATION 105-30.00
STATION 105-30.00 TO STATION 110-30.00
STATION 110-30.00 TO STATION 114-95.00

MILITARY Hwy Constr.

STATION 99-94.00 TO STATION 99-35.00

STATION 99-35.00 TO STATION 102-35.00

STATION 102-35.00 TO STATION 106-70.00

STATION 106-70.00 TO STATION 108-50.00

STATION 108-50.00 TO STATION 110-50.00

STATION 110-50.00 TO STATION 114-95.00

FLEXIBLE PAVEMENT SECTION
Surface - 2.0" Asphalt Concrete, Type SX-55, 150 Mc/Day
Intermediate - 2.0" Asphalt Concrete, Type WX-500
Base - 3.0" Asphalt Concrete, Type BX-250A
Subbase - 5-8" Open Graded Drainage Layer, Type UD-25 per VDOT Standard 108.07
Base - 6.0" Cement Stabilized Aggregate Base Material, Type I, Size 21-A, 4% Cement by Weight

NOT TO SCALE
05/18/15
PRELIMINARY TYPICAL SECTIONS
MILITARY HIGHWAY MAINLINE

Military Hwy Constr.

FLEXIBLE PAVEMENT SECTION:
Surface - 2-1/2 Asphalt Concrete, Type S/W-5E, at 220 lbs/sy
Intermediate - 1-1/2 Asphalt Concrete, Type M-19
Base - 1-1/2 Asphalt Concrete Base Course, Type BM-25
Subbase - 2.5' Cement Stabilized Aggregate Base Material, Type I, Size 21-A (4% Cement By Weight)

St'd. CG-6 Req'd.
PRELIMINARY TYPICAL SECTION
MILITARY HIGHWAY MAINLINE

NOT TO SCALE

PAVEMENT LEGEND:

2.5' 9.5' & Var.
2' 5'
2.5'
2 %
1'
Variable Width Crossover
Standard CG-6 Req'd.

12' 12'

Twist Wall

11' 11'

Sidewalk Space

Exist 2:1 Bridge Fill Slope
Var. Width

10' Lateral Offset

TW-4 Constr.

TW-1 Constr.

TW-6 Constr.

TW-2 Constr.

TW-3 Constr.

Begin Station 165+66.57
End Station 168+31.88

Retaining WallReq'd.

Begin Station 165+50.00
End Station 169+07.00

Retaining Wall Req'd.

ClearanceReq'd.

14'-6" Minimum Vertical

37'00" FOB To FOB

Military Hwy Constr.

Military Hwy Constr.

Pier Protection System BPPS-1

Begin Station 165+18.14
End Station 167+65.61

Pier Protection System BPPS-1

Begin Station 165+18.14
End Station 167+65.61

(TO)

STATION 164+25.40

STATION 164+25.40

(TO)

STATION 164+81.01

(TO)

STATION 164+81.01

(TO)

STATION 165+18.14

(Median Barrier)

TO

STATION 161+94.63

TO

STATION 166+97.97

TO

STATION 167+45.00

TO

STATION 168+00.00

TO

STATION 168+00.00

TO

STATION 164+25.40

(TO)

STATION 164+81.01

(TO)

STATION 164+81.01

(TO)

STATION 165+18.14

(TO)

STATION 161+94.63

(TO)

STATION 166+97.97

(TO)

STATION 167+45.00

(TO)

STATION 168+00.00

(TO)
PRELIMINARY TYPICAL SECTION
MILITARY HIGHWAY MAINLINE

Military Hwy Constr.

Station 168+25.00 to Station 168+90.00 (Crossover)

Military Hwy Constr.

Station 168+00.00 to Station 168+90.00

Pavement Legend:

Flexible Pavement Section:
- Surface - 8" PCC, Type #500, S-200, Type #200
- Intermediate - 2" PCC, Type #200
- Base - 5" AC Type #200
- Subbase - 6" Cement Stabilized Aggregate Base, Type I, Size 2A, Color: Black (by Night)

NOT TO SCALE

D85-02-18

D85-02-18

Plotted by: LocalUser
2:32:07 PM
7/24/2015
PRELIMINARY TYPICAL SECTION
MILITARY HIGHWAY MAINLINE

FLEXIBLE PAVEMENT SECTION:
Surface - 2.0" Stabilized Gravel, Type SGNF, 5% by Weight
Intermediate - 2.0" Asphalt Concrete, Type AM-25
Base - 5.0" Asphalt Concrete Base Course, Type BM-25
Subbase - 6.0" Cement Stabilized Aggregate Base Material, Type I-A, 4% cement by weight

STATION 168+90.00 TO STATION 171+25.00

MILITARY Hwy Constr. 10' Lateral Offset

2.5' Cut Slope 2:1
3.25' Fill Slope 2:1

Point of Finished Grade

V Turns

Paved Shoulder

Raised Median

Varies 34' to 45'

34'

Military Hwy Constr.
PRELIMINARY TYPICAL SECTION
MILITARY HIGHWAY MAINLINE

Surface - 2.0" Asphalt Concrete, Type SM-9.5E at 220 lbs/sq yd
Intermediate - 2.0" Asphalt Concrete, Type IM-19.0D
Base - 5.0" Asphalt Concrete Base Course, Type BM-25.0A
Intermediate - 2.0" Asphalt Concrete, Type IM-19.0D
Surface - 2.0" Asphalt Concrete, Type SM-9.5E at 220 lbs/sq yd
TYPICAL SECTION RTE.1-64 OFF RAMP

**NOT TO SCALE**

**PROJECT MANAGER**

Surveyed By, Date

Frank Fabian, P.E. (757) 494-5477 (Hampton Roads)
Danny Williams, L.S. (757) 925-2657 (Hampton Roads), Updated 03/13/2015

**DESIGN FEATURES RELATING TO CONSTRUCTION OR TO REGULATION AND CONTROL OF TRAFFIC MAY BE SUBJECT TO CHANGE AS DEEMED NECESSARY BY THE DEPARTMENT**

**FLEXIBLE PAVEMENT SECTION:**
Surface - 2% Asphalt Concrete, Type SM-9.5E at 220 lbs/sq yd
Intermediate - 1% Asphalt Concrete, Type BM-25.0A
Base - 1% Asphalt Concrete Base Course, Type BM-50.0A
Subbase - 6% Aggregate Base Material, Type 1, Motor 2

**TYPICAL SECTION RTE.1-64 ON LOOP STA.10+00.00 TO 13+90.40**

**NOT TO SCALE**

**PROPOSAL PLANS**

CORMAN - E.V.WILLIAMS - PARSONS
PRELIMINARY TYPICAL SECTIONS

POLICE TRAINING CENTER ENTRANCE (ACADEMY DRIVE)

LAKE WRIGHT DRIVE

NW ROBIN HOOD ROAD SLIP RAMP & NE ROBIN HOOD ROAD SLIP RAMP
UTILITY LEGEND

1. Potential utility relocation/adjustment - Virginia Natural Gas
2. Potential utility relocation/adjustment - Telecom
3. Potential utility relocation/adjustment - Dominion
4. Potential utility relocation/adjustment - Water or Sanitary

UTILITY NOTES

1. Overhead to underground relocations not shown
2. Minor items such as box and valve adjustment not shown
3. All street lighting w/in LOD assumed to be removed and replaced (not shown)
4. Relocated fire hydrants not called out

TYPICAL LIGHT POLE DETAIL
### Military Highway Continuous Flow Intersection

**VDOT Project # 0165-122-V04, 1765, 612**

**City of Norfolk, Virginia**

<table>
<thead>
<tr>
<th>Activity Name</th>
<th>Milestone</th>
<th>Start Date</th>
<th>End Date</th>
<th>Notes</th>
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<tr>
<td>Military Hwy CFI</td>
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<tr>
<td><strong>Phase 1 - Schedule Milestones</strong></td>
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<tr>
<td>Joint Permit Application Review USACE/DEQ</td>
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<td>03-Apr-16</td>
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<tr>
<td>Submit Right of Way Plans to VDOT</td>
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<td>18-Aug-15</td>
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<td>Supplemental Survey &amp; DTM Update</td>
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<td><strong>Phase 2 - Scope Validation Period</strong></td>
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<td><strong>Phase 3 - Environmental Permitting</strong></td>
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<td>Geotechnical Analysis and Draft Geotechnical Report</td>
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<td><strong>Noise Analysis &amp; Noise Abatement Report</strong></td>
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<td><strong>Geotechnical Analyza &amp; Geotech Report</strong></td>
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<td>Remaining Level of Effort</td>
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<td>WBS Summary Progress</td>
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</table>

**Military Highway CFI**

**Phase 1 - Schedule Milestones**

- **Joint Permit Application Review USACE/DEQ**: 03-Apr-16
- **Submit Right of Way Plans to VDOT**: 18-Aug-15

**Phase 2 - Scope Validation Period**

- **Joint Permit Application Review USACE/DEQ**: 02-Aug-16

**Phase 3 - Environmental Permitting**

- **Geotechnical Analysis and Draft Geotechnical Report**: 16-Dec-15

**Phase 4 - Design**

- **Roadway/Structures Plan 30% Design**: 03-Feb-16
- **Roadway/Structures Plan 50% Design**: 03-Feb-16
- **Noise Analysis & Noise Abatement Report**: 16-Dec-15
- **Geotechnical Analyza & Geotech Report**: 16-Dec-15
- **Right Of Way Package #1 (Permanent Takes)**: 03-Feb-16

---

**Remaining Level of Effort**

**Milestone**

**Actual Level of Effort**

**Actual Work**

**Remaining Work**

**WBS Summary Activity**

**WBS Summary Progress**

**Critical Remaining Work**
<table>
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<th>Activity Name</th>
<th>Baseline Schedule Submittal V1.0.0</th>
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<td>Pavement Marking &amp; Move Traffic</td>
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