LETTER OF SUBMITTAL AND ATTACHMENTS

Virginia Capital Trail – New Market Heights Phase
Long Bridge Road in Henrico County to Kimages Road in Charles City County

State Project No.: 0005-964-562, P101, R201, C501, B602-B607, 0005-964-562, C502
Federal Project No.: OC-5127 (789), ARRA-FS09 (048)
Contract ID Number: C00086279DB51

Submitted to: Virginia Department of Transportation
Date: April 25, 2012
April 25, 2012

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

RE: Letter of Submittal and Attachments
A VDOT Design-Build Project
Virginia Capital Trail – New Market Heights Phase
From Long Bridge Rd. in Henrico Co. to Kimages Rd. in Charles City Co.
State Project No.: 0005-964-562, P101, R201, C501, B602-B607
0005-964-562, C502
Federal Project No.: OC-5127 (789), ARRA-FS09 (048)
Contract ID Number: C00086279DB51

Dear Ms. Williams:

Corman Construction, Inc. (Corman) is pleased to submit one original copy of our Letter of Submittal and Attachments, one CD-ROM of our Letter of Submittal and Attachments in PDF, one copy of our Price Proposal, and one CD-ROM of our Price Proposal in PDF to provide design-build services for the Virginia Capital Trail – New Market Heights Phase project. Corman has thoroughly reviewed the Request for Proposal (RFP), including Addendum #1, attended the Pre-Proposal Meeting, visited the project site, is familiar with all federal, state and local laws and regulations that may affect cost, progress, or performance, and determined that the RFP documents are sufficient to indicate and convey the understanding of all terms and conditions for performance of work.

The following is requested information and/or attachments separated by numbered tabs with sections corresponding to the order set forth in Section 4.1 and 4.2:

4.0.1.1 Letter of Submittal Checklist and Acknowledgement of RFP, Revisions, and/or Addenda (Form C-78-RFP) are completed and included as Attachments 4.0.1.1 and 3.4.

4.1.1 Official Representative and Point of Contact is Ryan Gorman, Business Development Manager and Senior Estimator of Corman’s Southern Region, 16500 Happy Hill Road, Colonial Heights, Virginia 23834. He can be reached at: Telephone: 804-520-9766, ext. 157, Fax: 804-520-9810, Mobile: 804-400-4521 or email: rgorman@cormanconstruction.com.

4.1.2 Declaration of Accordance - Corman declares that, if selected, we will enter into a contract with VDOT for the project in accordance with the terms of this RFP.
4.1.3 Proposal Effective Date – Pursuant to Part 1, Section 8.2, Corman declares that the offer represented by our Price Proposal will remain in full force and effect for one hundred twenty (120) days after the date the Proposal is submitted (4/25/12) to VDOT (Letter of Submittal/Price Proposal Due Date).

4.1.4 Principal Officer Information - William G. Cox, President of Corman Construction, Inc., 12001 Guilford Road, Annapolis Junction, Maryland 20701, is the principal officer of the legal entity with whom a DB contract with VDOT will be written. He can be reached at: Telephone: 410-792-9400 x233, Mobile: 301-343-5401 or email: bcox@cormanconstruction.com.

4.1.5 Corporate Structure - Corman will be the design-build contracting entity for the Design-Build Virginia Capital Trail – New Market Heights Phase project. Corman is a corporation titled in Delaware, a wholly-owned subsidiary of CG Enterprises, Inc. and will be the sole major participant firm and responsible party to the design-build contract with the Virginia Department of Transportation (VDOT). Corman will hold all financial responsibility for the contract. In addition, we are an active participant in the eVA Internet procurement solution program (Registration Number E27577).

4.1.6 Lead Contractor and Lead Designer – Corman Construction, Inc. is the Lead Contractor for this Project, meaning the prime/general contractor responsible for overall construction. Corman has been providing construction services in the Washington, DC area for over 90 years. Our strength lies within complex, fast-track projects in the heavy civil, utility, and marine fields. We have been involved in 12 highly successful Design-Build projects including ICC-A, ICC-B and MD 30 Hampstead Bypass. Corman has built a solid reputation of strategically aligning with the design-build partners most suited to meet the specific needs and requirements of the project at hand.

Corman chose Pennoni Associates, Inc. (Pennoni) to be our Lead Designer for this Project, meaning the prime design consulting firm responsible for the overall design. Pennoni is an engineering and design consulting firm with over four decades of experience. In addition, they have substantial trail and local VDOT experience. They have successfully provided engineering services in structural design, site design, land surveying, water supply and distribution, wastewater collection and conveyance, etc.

4.1.7 Affiliate and/or Subsidiary Companies (Corman and Pennoni have no subsidiaries):

CG Enterprises, Inc. (Parent)
12001 Guilford Road
Annapolis Junction, MD 20701

Corman Marine Construction, Inc.
711 East Ordnance Road, Suite 715
Baltimore, MD 21226

CK Constructors, a Joint Venture
12001 Guilford Road
Annapolis Junction, MD 20701

Intercounty Constructors Joint Venture
c/o Granite Construction Northeast, Inc.
120 White Plains Road, Suite 310
Tarrytown, NY 10591

MD 200 Constructors, a Joint Venture
c/o Kiewit Infrastructure South Co.
11710 Beltsville Drive
Beltsville, MD 20705

Wagman, Corman, McLean Joint Venture
c/o GA & FC Wagman, Inc.
3290 North Susquehanna Trail
York, PA 17406-9754
In addition, Pennoni Engineering and Surveying of New York, P.C. (29 West 35th Street, 8th Floor, New York, NY 10001) is an affiliate of Pennoni Associates Inc. (410 North Center Drive, Suite 100, Norfolk, VA 23502).

4.1.8 Certification Regarding Debarment (Primary and Lower Tier) Forms are completed and included in Attachment 4.1.8.

4.1.9 Surety Letter – A letter from Corman’s surety company is attached.

4.1.10 DBE Requirements – Corman is committed to achieving a seventeen percent (17%) DBE participation goal for the entire value of the contract.

4.1.11 Substantial and Final Completion Date is September 30, 2013.

ATTACHMENTS TO THE LETTER OF SUBMITTAL

4.2.1 VDOT Prequalification Evidence - Corman is pre-qualified with VDOT (Vendor Number C097) to provide Grading, Major Structures, Minor Structures and Underground Utilities. The standard VDOT prequalification certificate was not formally issued for this year, but a copy of the online print-out is in Attachment 4.2.1

4.2.2 Professional Services – A listing of any business entities on the Corman Team who are practicing or offering to practice professional services in Virginia, as well as full sized copies of all SCC and DPOR documentation, are included in Attachment 4.2.2.

4.2.3 Lead Contractor and Designer Work History Forms are completed and included in Attachments 4.2.3(a) and 4.2.3(b).

Our signature below affirms the information supplied in this proposal is true and accurate to the best of our knowledge. This proposal is signed in ink by an authorized representative of Corman.

The Corman Team is enthusiastic about the opportunity to participate in the design-build process for the Virginia Capital Trail – New Market Heights Phase project and is confident our team will complete this project on time and within budget. Collectively, Corman and Pennoni bring the leadership, skills and shared core values to assist VDOT in delivering projects that set the standards for others to follow.

Sincerely,

CORMAN CONSTRUCTION, INC.

[Signature]

William G. Cox, President
ATTACHMENT 3.4
FORM C-78
(Revised 01/19/09)

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

ORDER NO. N/A
UPC NO. 86279

ACKNOWLEDGEMENT OF RFP, REVISIONS AND/OR ADDENDA

Acknowledgement shall be made of receipt of any and all revisions and/or addenda pertaining to the above designated project which are issued by the Virginia Department of Transportation prior to the opening date of Price Proposals as shown in the RFP herein. Failure to include this acknowledgement in the Proposals may result in the rejection of your Proposal.

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

1. Cover letter of March 16, 2012 - RFP
2. Cover letter of April 13, 2012 – Addendum #1
3. Cover letter of
4. Cover letter of
5. Cover letter of
6. Cover letter of

[Signature]
William G. Cox, President

4/13/12
Offerors shall furnish a copy of this Letter of Submittal Checklist, with the page references added, with the Letter of Submittal

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<th>RFP Page Reference</th>
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<td>Offeror’s point of contact and official representative</td>
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<td>Declaration of intent to enter into a contract</td>
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<td>Section 4.1.2</td>
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<td>Statement of proposal validity (120 days)</td>
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<td>Principal officer information</td>
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<td>Offeror’s Corporate Structure</td>
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<td>Debarment Certification (primary participants)</td>
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<td>Debarment Certification (lower-tier participants)</td>
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<td>Letter of surety</td>
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<td>DBE participation commitment</td>
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<td>Substantial completion and final completion dates</td>
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<td>Attachments to the Letter of Submittal</td>
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</table>
ATTACHMENT 4.1.78(a)
CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS
(To be completed by Primary Participants)

UPC No.: 86279

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: ____________________________ Date: 4/25/12

President ____________________________ Title ____________________________

Corman Construction, Inc.

Name of Firm

Commonwealth of Virginia
Virginia Department of Transportation
ATTACHMENT 4.1.78(a)
CERTIFICATION REGARDING DEBARMENT
PRIMARY COVERED TRANSACTIONS
(To be completed by Primary Participants)

UPC No.: 86279

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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   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]
4/25/12
Name of Firm

[President]
Title

CG Enterprises, Inc.

Commonwealth of Virginia
Virginia Department of Transportation
ATTACHMENT 4.1.38(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by Lower Tier Participants)

UPC No.: 86279

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.

David A. DeLizza 04/25/12
Signature Date
Sr. Vice President
Title
Pennon Associates Inc.
Name of Firm

Commonwealth of Virginia
Virginia Department of Transportation
ATTACHMENT 4.1.78(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by Lower Tier Participants)

UPC No.: 86279

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] 4/25/2012 [Date] [Title]

[Name of Firm]

Commonwealth of Virginia
Virginia Department of Transportation
ATTACHMENT 4.1.78(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by Lower Tier Participants)

UPC No.: 86279

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]

[Date]

[Title]

[Environmental Specialties Group, Inc.]

[Name of Firm]
ATTACHMENT 4.1.28(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by Lower Tier Participants)

UPC No.: 86279

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] Robert J. Schuster [Date] 4/30/2012 [Title] Chairman

[Signature] EBA Engineering, Inc. [Title]

Name of Firm
ATTACHMENT 4.1.75(b)  
CERTIFICATION REGARDING DEBARMENT  
LOWER TIER COVERED TRANSACTIONS  
(To be completed by Lower Tier Participants)  

UPC No.: 86279  

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]  
Date: 4/3/12  
Title: Vice President  

Name of Firm: ECS Mid-Atlantic, LLC  

Commonwealth of Virginia  
Virginia Department of Transportation
ATTACHMENT 4.1.78(b)
CERTIFICATION REGARDING DEBARMENT
LOWER TIER COVERED TRANSACTIONS
(To be completed by Lower Tier Participants)

UPC No.: 86279

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] 4/24/12 [Signature] [Title]

[Name of Firm]

Commonwealth of Virginia
Virginia Department of Transportation
April 25, 2012

Virginia Department of Transportation
1221 East Broad Street
Main Building, 4th Floor
Richmond, VA 23219

RE: Corman Construction, Inc.

Project: RFP - Design/Build Project-Virginia Capital Trail-New Market Heights Phase
From Long Bridge Road in Henrico County to Kimages Road in Charles City County
State Project No. 0005-964-562,P101,R201,C501,B602-B607;0005-964-562,C502
Federal Project No. OC-5127(789) ARRA-FS09(048)
Contract ID Number: C00086279DB51

It is our understanding that Corman Construction, Inc. is submitting a proposal on the referenced project. As surety for the above named Contractor, Fidelity and Deposit Company of Maryland with an A.M. Best Rating of A and Financial Size Category of XV is capable of obtaining a 100% Performance Bond and 100% Labor and Materials Payment Bond in the amount of the anticipated cost of construction with a current estimate of $11,000,000. and said bonds will cover the Project and any warranty periods on behalf of the Contractor, in the event that such firm be the successful bidder and enter into a contract for this project.

Our firm in conjunction with Fidelity and Deposit Company of Maryland have handled all of Corman Construction, Inc.’s bonding needs for over ten years. Based on their excellent financial strength and track record of profitability, Fidelity and Deposit Company of Maryland has extended a bond program of $150,000,000 single/$400,000,000. total program. These are not the maximum limits they would consider but rather are general parameters to handle the company’s day to day bonding needs.

In closing, we highly recommend this contractor and should you desire more specific information feel free to give me a call.

Sincerely,

Patricia L. Lewis
Attorney-In-Fact
KNOW ALL MEN BY THESE PRESENTS: That the ZURICH AMERICAN INSURANCE COMPANY, a corporation of the State of New York, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, a corporation of the State of Maryland, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND a corporation of the State of Maryland (herein collectively called the "Companies"), by Geoffrey Delisio, Vice President, in pursuance of authority granted by Article V, Section 8, of the By-Laws of said Companies, which are set forth on the reverse side hereof and are hereby certified to be in full force and effect on the date hereof, do hereby nominate, constitute, and appoint Patricia L. Lewis its true and lawful agent and Attorney-in-Fact, to make, execute, seal and deliver, for, and on its behalf as surety, and as its act and deed: any and all bonds and undertakings, and the execution of such bonds or undertakings in pursuance of these presents, shall be as binding upon said Companies, as fully and amply, to all intents and purposes, as if they had been duly executed and acknowledged by the regularly elected officers of the ZURICH AMERICAN INSURANCE COMPANY at its office in New York, New York., the regularly elected officers of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at its office in Owings Mills, Maryland., and the regularly elected officers of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at its office in Owings Mills, Maryland., in their own proper persons.

The said Vice President does hereby certify that the extract set forth on the reverse side hereof is a true copy of Article V, Section 8, of the By-Laws of said Companies, and is now in force.

IN WITNESS WHEREOF, the said Vice President and Assistant Secretary have hereunto subscribed their names and affixed the Corporate Seals of the said ZURICH AMERICAN INSURANCE COMPANY, COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and FIDELITY AND DEPOSIT COMPANY OF MARYLAND, this 22nd day of September, A.D. 2011.

ATTEST:

By: Gerald F. Haley
Assistant Secretary – Gerald F. Haley

By: Geoffrey Delisio
Vice President – Geoffrey Delisio

State of Maryland
County of Baltimore

On this 22nd day of September, A.D. 2011, before the subscriber, a Notary Public of the State of Maryland, duly commissioned and qualified, Constance A. Dunn – Notary Public
My Commission Expires: July 14, 2015
"Article V, Section 8, Attorneys-in-Fact. The Chief Executive Officer, the President, or any Executive Vice President or Vice President may, by written instrument under the attested corporate seal, appoint attorneys-in-fact with authority to execute bonds, policies, recognizances, stipulations, undertakings, or other like instruments on behalf of the Company, and may authorize any officer or any such attorney-in-fact to affix the corporate seal thereto; and may with or without cause modify of revoke any such appointment or authority at any time."

CERTIFICATE

I, the undersigned, Vice President of the ZURICH AMERICAN INSURANCE COMPANY, the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY, and the FIDELITY AND DEPOSIT COMPANY OF MARYLAND, do hereby certify that the foregoing Power of Attorney is still in full force and effect on the date of this certificate; and I do further certify that Article V, Section 8, of the By-Laws of the Companies is still in force.

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the ZURICH AMERICAN INSURANCE COMPANY at a meeting duly called and held on the 15th day of December 1998.

RESOLVED: "That the signature of the President or a Vice President and the attesting signature of a Secretary or an Assistant Secretary and the Seal of the Company may be affixed by facsimile on any Power of Attorney...Any such Power or any certificate thereof bearing such facsimile signature and seal shall be valid and binding on the Company."

This Power of Attorney and Certificate may be signed by facsimile under and by authority of the following resolution of the Board of Directors of the COLONIAL AMERICAN CASUALTY AND SURETY COMPANY at a meeting duly called and held on the 5th day of May, 1994, and the following resolution of the Board of Directors of the FIDELITY AND DEPOSIT COMPANY OF MARYLAND at a meeting duly called and held on the 10th day of May, 1990.

RESOLVED: "That the facsimile or mechanically reproduced seal of the company and facsimile or mechanically reproduced signature of any Vice-President, Secretary, or Assistant Secretary of the Company, whether made heretofore or hereafter, wherever appearing upon a certified copy of any power of attorney issued by the Company, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

IN TESTIMONY WHEREOF, I have hereunto subscribed my name and affixed the corporate seals of the said Companies,

This __25th__ day of _______April_______, 2012____.

[Seals and Signatures]

Frank E. Martin, Jr. __Vice President__
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<tr>
<th>C272</th>
<th>COOPER &amp; CLAIBORNE CONSTRUCTION, INC.</th>
</tr>
</thead>
<tbody>
<tr>
<td>PREQ. EXP : 03/31/2013</td>
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</table>

| P. O. BOX 357 | HOPEWELL, VA 23860-0357 |
| PHONE : 804-541-0954 | FAX : 804-541-0987 |

**BUSINESS CONTACT:** COOPER, THELMA FRANCIS  
**EMAIL:** TFCOOPER11@AOL.COM

| ---DBE INFORMATION--- |
| DBE TYPE : N/A |
| DBE CONTACT : N/A |
| DBE/WBE EXP : N/A |

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<th>C097</th>
<th>CORMAN CONSTRUCTION, INC.</th>
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<tbody>
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<td>PREQ. EXP : 03/31/2013</td>
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</tr>
</tbody>
</table>

| 12001 GUILFORD ROAD | ANNAPELIS, MD 20701-1201 |
| PHONE : 410-792-9400 | FAX : 301-953-0384 |

**BUSINESS CONTACT:** PENA, KENNETH JOHN  
**EMAIL:** BHULME@CORMANCONSTRUCTION.COM

| ---DBE INFORMATION--- |
| DBE TYPE : N/A |
| DBE CONTACT : N/A |
| DBE/WBE EXP : N/A |
### Team Member Firm

<table>
<thead>
<tr>
<th>TEAM MEMBER FIRM</th>
<th>SCC#</th>
<th>TYPE</th>
<th>STATUS</th>
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<tr>
<td>Corman Construction, Inc. Lead Design-Build Contractor</td>
<td>F046798-7</td>
<td>Incorporated</td>
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</tr>
<tr>
<td>Pennoni Associates, Inc. Lead Designer</td>
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<tr>
<td>Engineering and Testing Services, Inc. Geotechnical/Quality Control</td>
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<td>Incorporated</td>
<td>Active</td>
</tr>
<tr>
<td>Environmental Specialties Group, Inc. Environmental</td>
<td>0458402-5</td>
<td>Incorporated</td>
<td>Active</td>
</tr>
<tr>
<td>EBA Engineering, Inc. Quality Assurance Manager Services and Inspection</td>
<td>F123900-5</td>
<td>Incorporated</td>
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<tr>
<td>ECS Mid-Atlantic, LLC Quality Assurance Field and Lab Testing</td>
<td>S120821-6</td>
<td>Limited Liability Corp</td>
<td>Active</td>
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<tr>
<td>KDR Real Estate Services, Inc. Right-of-Way</td>
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### Team Member Firm

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<th>TEAM MEMBER FIRM</th>
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<th>EXP. DATE</th>
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<tr>
<td>Corman Construction, Inc. 12001 Guilford Road Annapolis Junction, MD 20701</td>
<td>Board for Contractors Class A Contractors License</td>
<td>2701 014794A</td>
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<tr>
<td>Pennoni Associates, Inc. 410 North Center Dr., Suite 100 Norfolk, VA 23502</td>
<td>Business Entity Branch Office - Eng, LS</td>
<td>0411000407</td>
<td>02/28/14</td>
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<tr>
<td>Engineering and Testing Services, Inc. 5226 Indian River Rd., Suite 103 Virginia Beach, VA 23464</td>
<td>Business Entity - Eng</td>
<td>0407005064</td>
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<tr>
<td>EBA Engineering, Inc. 714 Westwood Office Park Fredericksburg, VA 22401</td>
<td>Business Entity Branch Office – Eng</td>
<td>0411000871</td>
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<td>ECS Mid-Atlantic, LLC 2119-D North Hamilton St Richmond, VA 23230</td>
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<td>0411000384</td>
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<tr>
<td>KDR Real Estate Services, Inc. 2500 Grenoble Road Richmond, VA 23294</td>
<td>Real Estate Corporation, Partnership, Association License</td>
<td>0226 007129</td>
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CORP ID: 046798 - 7 STATUS: 00 ACTIVE STATUS DATE: 01/06/06
CORP NAME: CORMAN CONSTRUCTION, INC.

DATE OF CERTIFICATE: 11/02/1984 PERIOD OF DURATION: INDUSTRY CODE: 00
STATE OF INCORPORATION: DE DELAWARE STOCK INDICATOR: S STOCK
MERGER IND: CONVERSION/DOMESTICATION IND:
GOOD STANDING IND: Y MONITOR INDICATOR:
CHARTER FEE: MON NO: MON STATUS: MONITOR DTE:
R/A NAME: CT CORPORATION SYSTEM
STREET: 4701 COX RD STE 301 AR RTN MAIL:

CITY: GLEN ALLEN STATE: VA ZIP: 23060 6802
R/A STATUS: 5 B.E. AUTH IN VI ERF DATE: 01/05/04 LOC: 143
ACCEPTED AR#: 211191728 DATE: 11/14/11 HENRICO COUNTY
CURRENT AR#: 211191728 DATE: 11/14/11 STATUS: A ASSESSMENT INDICATOR: 0
YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES
11 100.00

(Screen Id:/Corp_Data_Inquiry)
CISM0180  
CORPORATE DATA INQUIRY  

CISMO180  
CORPORATE DATA INQUIRY  

04/17/12  
15:43:16  

CORP ID:  F180079  
- 8  
STATUS:  00  
ACTIVE  
STATUS DATE:  08/25/09  

CORP NAME:  Pennoni Associates Inc.  

DATE OF CERTIFICATE:  08/25/2009  
PERIOD OF DURATION:  
INDUSTRY CODE:  00  

STATE OF INCORPORATION:  PA  
Pennsylvania  
STOCK INDICATOR:  S  
STOCK  

MERGER IND:  CONVERSION/DOMESTICATION IND:  

GOOD STANDING IND:  Y  
MONITOR INDICATOR:  

CHARTER FEE:  200.00  
MON NO:  
MON STATUS:  
MONITOR DTE:  

R/A NAME:  CORPORATION SERVICE COMPANY  

STREET:  Bank of America Center, 16th Floor  
1111 East Main Street  

CITY:  RICHMOND  
STATE:  VA  ZIP:  23219  

R/A STATUS:  5  
B.E. AUTH IN VI  
EFF. DATE:  04/29/11  
LOC:  216  

ACCEPTED AR#:  211 13 0656  
DATE:  07/13/11  
RICHMOND CITY  

CURRENT AR#:  211 13 0656  
DATE:  07/13/11  
STATUS:  A  
ASSESSMENT INDICATOR:  0  

YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES  
11 670.00  

(Screen Id:/Corp_Data_Inquiry)
CISM0180 CORPORATE DATA INQUIRY

CORP ID: 0557195 - 5 STATUS: 00 ACTIVE STATUS DATE: 05/05/09
CORP NAME: Engineering and Testing Services, Inc.

DATE OF CERTIFICATE: 04/12/2001 PERIOD OF DURATION: INDUSTRY CODE: 00
STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK
MERGER IND: CONVERSION/DOMESTICATION IND:
GOOD STANDING IND: Y MONITOR INDICATOR:
CHARTER FEE: 50.00 MON NO: MON STATUS: MONITOR DTE:
R/A NAME: CHARBEL T NABHAN

STREET: 5226 INDIAN RIVER ROAD AR RTN MAIL:
SUITE 103
CITY: VIRGINIA BEACH STATE: VA ZIP: 23464
R/A STATUS: 2 OFFICER EFF. DATE: 04/08/10 LOC: 228
ACCEPTED AR#: 212 07 3071 DATE: 04/09/12 VIRGINIA BEACH
CURRENT AR#: 212 07 3071 DATE: 04/09/12 STATUS: A ASSESSMENT INDICATOR: 0
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(Screen Id: Corp_Data_Inquiry)
CORPORATE DATA INQUIRY

04/17/12
15:39:27

CISMO180

CORP ID:  0458402 - 5  STATUS: 00 ACTIVE  STATUS DATE: 02/06/12
CORP NAME: ENVIRONMENTAL SPECIALTIES GROUP, INC.

DATE OF CERTIFICATE: 01/02/1996 PERIOD OF DURATION:
INDUSTRY CODE: 00
STATE OF INCORPORATION: VA VIRGINIA  STOCK INDICATOR: S STOCK
MERGER IND: CONVERSION/DOMESTICATION IND:
GOOD STANDING IND: N NO A-REPORT MONITOR INDICATOR:
CHARTER FEE: 50.00  MON NO:  MON STATUS:  MONITOR DTE:
R/A NAME: LINDSEY A CARNEY

STREET: 12350 JEFFERSON AVE STE 300  AR RTN MAIL:

CITY: NEWPORT NEWS  STATE: VA ZIP: 23602
R/A STATUS: 4 ATTORNEY  EFF. DATE: 07/28/10  LOC: 211
ACCEPTED AR#: 211 01 2882  DATE: 12/08/10  NEWPORT NEWS CI
CURRENT AR#: 211 01 2882  DATE: 12/00/10  STATUS: A ASSESSMENT INDICATOR: 0
YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES
12 100.00 10.00

(Screen Id:/Corp_Data_Inquiry)
CISM0180

CORPORATE DATA INQUIRY

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

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

STREET: 4701 COX RD STE 301 AR RTN MAIL:

CITY: GLEN ALLEN STATE: VA ZIP: 23060 6802
R/A STATUS: 5 B.E. AUTH IN VI EFF. DATE: 01/05/04 LOC : 143
ACCEPTED AR#: 211 52 2819 DATE: 09/28/11 HENRICO COUNTY
CURRENT AR#: 211 52 2819 DATE: 09/28/11 STATUS: A ASSESSMENT INDICATOR: 0
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11 1,700.00 1,000,000

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<td>ECS - Mid-Atlantic, LLC</td>
<td>DATE OF FILING:</td>
<td>04/16/2004</td>
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<td>VA VIRGINIA</td>
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<td>PRINCIPAL OFFICE ADDRESS:</td>
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<tr>
<td>STREET:</td>
<td>14026 THUNDERBOLT PL STE 100</td>
<td>CITY: CHANTILLY</td>
<td>STATE: VA ZIP: 20151-3000</td>
<td>R/A NAME: JAMES A ECKERT</td>
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<td>R/A STATUS:</td>
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<td>EFF DATE: 04/16/04</td>
<td>LOC: 129 FAIRFAX COUNTY</td>
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CISM0180

CORPORATE DATA INQUIRY

04/23/12
11:41:00

CORP ID: 0571210 - 4 STATUS: 00 ACTIVE STATUS DATE: 07/07/03

CORP NAME: KDR REAL ESTATE SERVICES, INC.

DATE OF CERTIFICATE: 01/30/2002 PERIOD OF DURATION: INDUSTRY CODE: 00

STATE OF INCORPORATION: VA VIRGINIA STOCK INDICATOR: S STOCK

MERGER IND: CONVERSION/DOMESTICATION IND:

GOOD STANDING IND: Y MONITOR INDICATOR:

CHARTER FEE: 50.00 MON NO: MON STATUS: MONITOR DTE:

R/A NAME: ALLEN G DORIN JR

STREET: 2500 GRENOBLE RD AR RTN MAIL:

CITY: RICHMOND STATE: VA ZIP: 23294

R/A STATUS: 2 OFFICER EFF. DATE: 07/09/03 LOC: 143

ACCEPTED AR#: 212 01 1626 DATE: 11/28/11 HENRICO COUNTY

CURRENT AR#: 212 01 1626 DATE: 11/28/11 STATUS: A ASSESSMENT INDICATOR: 0

YEAR FEES PENALTY INTEREST TAXES BALANCE TOTAL SHARES
12 100.00

(Screen Id:/Corp_Data_Inquiry)
BOARD FOR ARCHITECTS, PROFESSIONAL ENGINEERS, LAND SURVEYORS, CERTIFIED INTERIOR DESIGNERS AND LANDSCAPE ARCHITECTS
BUSINESS ENTITY BRANCH OFFICE REGISTRATION

PROFESSIONS: ENG, LS

PENNONI ASSOCIATES INC
PATTON HARRIS RUST & ASSOCIATES PHR&A PHR+A PHRA
410 NORTH CENTER DRIVE
SUITE 100
NORFOLK, VA 23502

Gordon N. Dixon, Director
DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA

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

PROFESSIONS: ENG

EBA ENGINEERING INC
714 WESTWOOD OFFICE PARK
FREDERICKSBURG, VA 22401

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

(DETACH HERE)
REAL ESTATE CORPORATION, PARTNERSHIP, ASSOCIATION LICENSE
THIS LICENSE TO BE KEPT IN CUSTODY AND CONTROL OF PRINCIPAL BROKER
KDR REAL ESTATE SERVICES INC
2500 GREENBOLE RD
RICHMOND, VA 23294

DEPARTMENT OF PROFESSIONAL AND OCCUPATIONAL REGULATION
COMMONWEALTH OF VIRGINIA
EXPRESS ON 12-31-2012

0226 007129
**ATTACHMENT 4.2.3(a)**

**LEAD CONTRACTOR - WORK HISTORY FORM**

**(LIMIT 1 PAGE PER PROJECT)**

<table>
<thead>
<tr>
<th>a. Project Name &amp; Location</th>
<th>b. Name of the prime design consulting firm responsible for the overall project design</th>
<th>c. Contact information of the Client or Owner and their Project Manager who can verify Firm’s responsibilities.</th>
<th>d. Contract Completion Date (Original)</th>
<th>e. Contract Completion Date (Actual or Estimated)</th>
<th>f. Contract Value (in thousands)</th>
<th>g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement (in thousands)</th>
</tr>
</thead>
</table>
| **ROUTE 5 VIRGINIA CAPITAL TRAIL – CHICKAHOMINY RIVER BRIDGE** | **Virginia Depart. of Transportation** | Name of Client / Owner: VDOT  
Phone: 540-907-2536  
Project Manager: David Steele  
Email: David.Steele@VDOT.Virginia.gov | May 1, 2007 | May 1, 2007 | $2,574 | $2,592 ($100%) |
| Location: James City, VA | | | | | | |

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 Virginia Capital Trail is a bicycle and pedestrian trail being constructed to provide a link between Williamsburg, Jamestown and Richmond, Virginia. Upon completion, it will be 54 miles (87 km) in length and parallel Virginia Route 5, a National Scenic Byway, and the north shore of the James River. As the trail is estimated to be completed in 2014, it will include interpretive and directional signage, kiosks, and bike/pedestrian accommodations.

Unlike many rail trail projects which utilize former railroad rights-of-way, no railroad was ever built along this corridor. The trail ranges in width between eight and ten feet (2.4 to 3.0 m), and will be paved throughout its entire length to accommodate all modes of non-motorized land transportation.

Corman was the successful low bidder contracted to perform Phase II – Chickahominy Riverfront of the Virginia Capital Trail. This section is adjacent to Route 5 (John Tyler Memorial Highway) and runs from the east approach of the Chickahominy River Bridge for about four and a half miles east towards Williamsburg, ending at Route 614 where it ties to the previously constructed Greensprings Phase.

The 4.5 mile long, 10 foot wide shared use trail we constructed included environmental controls, clearing, grade work, drainage, and paving, as well as the construction of a unique 327’ steel bridge with wood decking over Shellbank Creek. The bridge’s substructure consists of 16” square concrete pile bents with RW-3 wing walls at the abutments. At the completion of construction, over 700 flowers, shrubs, and trees were strategically planted along the environmentally sensitive alignment. As an addition to the contract, VDOT had Corman install a crossing alert system where the trail crossed Route 5. This system works by forewarning vehicles traveling along the road when pedestrians or cyclists are crossing ahead of them.

This project was completed on-time and on-budget without any lost time injuries.
### LEAD CONTRACTOR - WORK HISTORY FORM

#### (LIMIT 1 PAGE PER PROJECT)

<table>
<thead>
<tr>
<th>a. Project Name &amp; Location</th>
<th>b. Name of the prime design consulting firm responsible for the overall project design</th>
<th>c. Contact information of the Client or Owner and their Project Manager who can verify Firm’s responsibilities.</th>
<th>d. Contract Completion Date (Original)</th>
<th>e. Contract Completion Date (Actual or Estimated)</th>
<th>f. Contract Value (in thousands)</th>
<th>g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement (in thousands)</th>
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</thead>
<tbody>
<tr>
<td>Name: 3RD STREET OVER BUFFALO CREEK (DESIGN BUILD)</td>
<td>Name: Johnson, Mirmiran &amp; Thompson</td>
<td>Name of Client/Owner: VDOT Phone: 434-856-8317 &amp; 434-856-8317 Project Manager: Terry Meadows Phone: 434-856-8317 &amp; 434-856-8317 Email: <a href="mailto:Terry.Meadows@VDOT.Virginia.gov">Terry.Meadows@VDOT.Virginia.gov</a></td>
<td>August 30, 2008</td>
<td>August 12, 2008</td>
<td>$2,972</td>
<td>$2,377 (80%)</td>
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<td>Location: Town of Farmville, Virginia</td>
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#### 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.

This project encompassed the design/construction of a new bridge and the associated approach work located on Route 460/15 (Third Street), which was 8’ wider and 34’ longer than the old, structurally deficient, four-lane, seven-span concrete bridge.

#### DESIGN

The Corman Design-Build Team designed and built this project with minimal impacts to Buffalo Creek. The design concept was to lengthen the structure in an environmentally-sensitive manner to improve hydraulic capacity while minimizing approach roadwork by maintaining the vertical alignment. In addition, the project’s design eliminated the need for causeways, trestles, and creek crossings.

The new bridge and its floodplain was a low maintenance, four-lane, three-span integral structure with weathering steel girders constructed in two phases to maintain traffic, and a third phase to install a 5’ sidewalk on the North side. The superstructure consisted of seven steel plate girders supporting a concrete deck/riding surface. The supporting piers were solid wall-type piers founded on steel H-piles driven to refusal/rock. The abutments were fully integral supported on H-piles that had their weak axis perpendicular to the longitudinal axis of the bridge. The out-to-out bridge width was 58’-8” and the length from end-of-slab to end-of-slab was 270’-2”.

#### QC/QA

Corman developed a Quality Control/Quality Assurance plan with our designer, JMT, and strategically supervised its implementation to accommodate the Minimum Quality Control and Quality Assurance Requirements for Design-Build and Public-Private Transportation Act Projects.

Although it was required to maintain one lane of traffic via temporary signalization, Corman implemented a design that maintained two lanes for efficient vehicular flow. This move enhanced our partnership with the local fire department, who was our immediate neighbor, and the traveling public.

#### PUBLIC OUTREACH

We worked in partnership with all project stakeholders, including the local community, VDOT, utility owners and environmental agencies, to ensure the timely flow of information to project partners and the public, including progress related updates and any changes in traffic patterns. This project had no lost-time accidents and was completed on time and under budget.
**ATTACHMENT 4.2.3(a)**

**LEAD CONTRACTOR - WORK HISTORY FORM**

**(LIMIT 1 PAGE PER PROJECT)**

<table>
<thead>
<tr>
<th>a. Project Name &amp; Location</th>
<th>b. Name of the prime design consulting firm responsible for the overall project design.</th>
<th>c. Contact information of the Client or Owner and their Project Manager who can verify Firm’s responsibilities.</th>
<th>d. Contract Completion Date (Original)</th>
<th>e. Contract Completion Date (Actual or Estimated)</th>
<th>f. Contract Value (in thousands)</th>
<th>g. Dollar Value of Work Performed by the Firm identified as the Lead Contractor for this procurement. (in thousands)</th>
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<tr>
<td>Name: YARD’S PARK BRIDGE</td>
<td>Name: MPFP LLC Urban Design, Planning, Landscape Architecture</td>
<td>Name of Client/Owner: Forest City Washington</td>
<td>September 2, 2011</td>
<td>December 1, 2011</td>
<td>$2,427</td>
<td>$3,236 ($100%)</td>
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<tr>
<td>Location: Washington, DC</td>
<td></td>
<td>Phone: 202-347-1446</td>
<td></td>
<td></td>
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<tr>
<td></td>
<td>Project Manager: Avon Wilson</td>
<td>Phone: 202-345-1472</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Email: <a href="mailto:avon.wilson@mckissackdc.com">avon.wilson@mckissackdc.com</a></td>
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</table>

**b. 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.**

**Scope**
This project consisted of constructing a 20’ x 700’ pedestrian bridge, connecting Diamond Teague Park to Yards Park in Southeast Washington, DC to create a continuous one-mile riverwalk trail that is publicly accessible within the Capitol Riverfront. The bridge deck is made of IPE wood with timber and steel framing is supported by 18” steel pipe piles. The project was completed on schedule and on budget (with owner approved time extension and change orders). The owner was absolutely pleased with Corman/Corman Marine’s performance.

**Risks**
The risk of damaging the sewer lines during construction was extremely high because of the very old siphoned structure and lack of accurate as-built drawings. Therefore, we needed to precisely determine the location and depth of the lines by having divers survey the lines two times. The results turned out different than what was shown in the contract documents, so we had to build a platform and probe very carefully from the top of the water to determine the location and depth, resulting in the revision of the pile locations based on our findings. Also as a result, we were not allowed to drive the pile within eight feet of any of the lines which gave us a very small window to work, nor were we allowed to use an impact hammer until the tip of each pile passed the bottom of the lines, so the piles were driven very carefully and precisely using templates.

**Cost Saving Measure**
The piles were ordered by the owner and did not have the right amount of coating (length wise) to meet the specification. Although we were able to drive the piles to meet the strength capacity in the specification, as a cost saving measure, we overdrove some piles an additional 15 feet to get the required amount of coating under the mud line and then spliced the top. We proposed this solution to the owner to minimize the cost to meet the coating specification. A more expensive alternative was to send the piles back to the coating facility to put more coating on them. Our solution was easy to perform, within the perimeter of the contract, and less expensive.
**LEAD DESIGNER - WORK HISTORY FORM**

**(LIMIT 1 PAGE PER PROJECT)**

<table>
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<tr>
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<th>b. Name of the prime/ general contractor responsible for overall construction of the project.</th>
<th>c. Contact information of the Client and their Project Manager who can verify Firm’s responsibilities.</th>
<th>d. Construction Contract Completion Date (Original)</th>
<th>e. Construction Contract Completion Date (Actual or Estimated)</th>
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<th>g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement. (in thousands)</th>
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<td>Merit Construction</td>
<td>City of Newark City Manager’s Office</td>
<td>2003</td>
<td>2003</td>
<td>$1,650</td>
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<td>Newark, DE</td>
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<td>Phone: 302-366-7022 Project Manager: Carol Houck Phone: 302-366-7022 Email: <a href="mailto:chouck@newark.de.us">chouck@newark.de.us</a></td>
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**Name**: James F. Hall Trail  
**Location**: Newark, DE  
**Name of Client**: City of Newark City Manager’s Office  
**Phone**: 302-366-7022  
**Project Manager**: Carol Houck  
**Phone**: 302-366-7022  
**Email**: chouck@newark.de.us

**2003 2003 $1,650 $1,650 $350**

**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.**

Pennoni Associates completed the preliminary and final design of the James F. Hall Trail for the City of Newark in conjunction with the University of Delaware and the State of Delaware Department of Transportation. The multi-use path minimizes the need for bicyclists and pedestrians to navigate busy intersections and provides a direct connection to the local public transportation network, including DART First State, SEPTA and Amtrak. Pennoni provided civil, electrical, geotechnical, structural and transportation engineering, environmental services, landscape architecture, permitting, construction inspection and management services for the City of Newark.

The new facility included the construction of a 1.76 mile paved multi-use path that was designed to meet current AASHTO standards and ADA guidelines. The new path is protected from the Amtrak Northeast Corridor and motorized vehicles at street crossings and access points. Key features of the facility included four steel truss bridges, keystone block retaining wall, drainage structures, protective fencing and bollards, site amenities, landscaping, directional signage, overhead ornamental lighting and blue light security phone system. The trail’s alignment, bridges, ornamental light fixtures, landscaping, and site amenities were designed in a context sensitive manner with respect to the City Parks, forested freshwater wetlands, the historic Newark Passenger Railroad Station, businesses and stakeholders located along the trail’s alignment.

Pennoni coordinated the development of the project design with a number of agencies including:

- Delaware Department of Natural Resources and Environmental Control
- Delaware Department of Transportation
- Delaware State Historic Preservation Office
- The City of Newark
- The City of Newark Bicycle Subcommittee
- The University of Delaware
- The U.S. Army Corps of Engineers
- AMTRAK

**Recipient of the 2004 ACEC Grand Conceptor Award**
### LEAD DESIGNER - WORK HISTORY FORM

**LIMIT 1 PAGE PER PROJECT**

<table>
<thead>
<tr>
<th>a. Project Name &amp; Location</th>
<th>b. Name of the prime/ general contractor responsible for overall construction of the project.</th>
<th>c. Contact information of the Client and their Project Manager who can verify Firm’s responsibilities.</th>
<th>d. Construction Contract Completion Date (Original)</th>
<th>e. Construction Contract Completion Date (Actual or Estimated)</th>
<th>f. Contract Value (in thousands)</th>
<th>g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement. (in thousands)</th>
</tr>
</thead>
</table>
| Rails To Trails Project Pomeroy and Newark Rail | Merit Construction | Name of Client: City of Newark Parks and Recreation  
Phone: 302-366-7060  
Project Manager: Mr. Charlie Emerson, CLP  
Phone: 302-366-7060  
Email: cemerson@newark.de.us | 2012 | 2012 | $2,500 | $980 |

### 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.

Pennoni has completed the preliminary design of the Pomeroy Rail Trail Project for the City of Newark in conjunction with Delaware State Parks, University of Delaware and the State of Delaware Department of Transportation. The multi-use path provides a direct connection to the local public transportation network, including the new Newark Transit Hub, White Clay Creek Park, University of Delaware and the existing James F. Hall Trail. Pennoni is providing civil, electrical, geotechnical, structural and transportation engineering, environmental services, landscape architecture, permitting, construction inspection and management services for Delaware State Parks, City of Newark, and the Delaware Department of Transportation.

The new facility includes the design and construction of a 1.76 mile paved multi-use path that was designed to meet current AASHTO standards and ADA guidelines. Key features of the facility included two bridges, keystone block retaining wall, drainage structures, protective fencing and bollards, site amenities, landscaping, directional signage, overhead ornamental lighting and blue light security phone system. The trail’s alignment, bridges, ornamental light fixtures, landscaping, and site amenities are being designed in a context sensitive manner with respect to the abandoned Pomeroy-Newark Rail corridor, Delaware State Parks, businesses and stakeholders located along the trail’s alignment.

Pennoni is coordinating the development of the project design with a number of agencies including:

- Delaware Department of Natural Resources and Environmental Control
- Delaware Department of Transportation
- Delaware State Historic Preservation Office
- Delaware State Parks
- The City of Newark
- The City of Newark Bicycle Subcommittee
- The University of Delaware
- The U.S. Army Corps of Engineers
- CSX Railroad
## LEAD DESIGNER - WORK HISTORY FORM

(LIMIT 1 PAGE PER PROJECT)

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<tr>
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<th>g. Design Fee for the Work Performed by the Firm identified as the Lead Designer for this procurement (in thousands)</th>
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<tbody>
<tr>
<td>Name: Rapps Dam Road Over French Creek Bridge Rehabilitation</td>
<td>Name: Bi-State Construction Inc.</td>
<td>Name of Client: PennDOT Engineering District 6-0 Phone: 610-205-6581 Project Manager: Ms. LeAnne Fullard Phone: 610-205-6581 Email: <a href="mailto:lfullard@pa.gov">lfullard@pa.gov</a></td>
<td>November 2011</td>
<td>November 2011</td>
<td>$1,500</td>
<td>$475</td>
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### h. Narrative describing the Work Performed by the Firm identified as the Lead Designer for this procurement. Include the office location(s) where the design work was performed and whether the firm was the prime designer or a subconsultant.

The Rapps Dam Road covered bridge is a wooden Burr Arch Truss spanning 106 feet over the scenic French Creek in East Pikeland Township, Chester County, PA. The bridge was originally constructed by Benjamin F. Hartman in 1868 and is listed in the National Register of Historic Places. The Rapps Dam Road Historic Wooden Covered Bridge Rehabilitation Project completed by PennDOT in 2011 included wood repairs to the lower truss chord, the removal and replacement of deteriorated wood members, the removal and replacement of the steel beam superstructure, the stabilization of the stone masonry abutments, the application of a clear fire retardant and wood preservative, the repainting of the portals, and minor roadway improvements.

Wood members completely removed and replaced (in-kind) included the cedar shake roof, roof sheathing, redwood siding and trim, floor planks, decking, and curbs. Selected wood framing members replaced (in-kind) included roof rafters, ceiling joists, knee bracing and siding studs. The existing limited capacity steel beam superstructure, which replaced the original wood floor beams in 1977, was also replaced with a new steel plate girder superstructure capable of supporting modern traffic loads. The new steel superstructure is concealed by the redwood siding and not visible in elevation.

To stabilize the existing stone masonry abutments and safely support the new steel superstructure a reinforced concrete jacket was constructed over the back face of each abutment. The new reinforced concrete jackets are not visible; they are located below the roadway surface, hidden from view. Minor masonry repointing was completed to selected areas of the abutments and wingwalls.

During the design process the project was discussed and coordinated with the local stakeholders, and approved by the Pennsylvania Historic Museum Commission (PHMC). The completed work did not alter the appearance or historic character of the bridge.

Minor roadway work was also completed as part of the project; the work was limited to roadway paving, drainage and safety improvements.
PRICE PROPOSAL

Virginia Capital Trail – New Market Heights Phase
Long Bridge Road in Henrico County to
Kimages Road in Charles City County

COPY

State Project No.: 0005-964-562, P101, R201, C501, B602-B607, 0005-964-562, C502
Federal Project No.: OC-5127 (789), ARRA-FS09 (048)
Contract ID Number: C00086279DB51

Submitted to: Virginia Department of Transportation
Date: April 25, 2012
## PRICE PROPOSAL CHECKLIST AND CONTENTS
(Revised April 13, 2012)

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<tr>
<th>Price Proposal Component</th>
<th>Form (if any)</th>
<th>RFP Part 1 Cross reference</th>
<th>Price Proposal Page Reference</th>
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</thead>
<tbody>
<tr>
<td>Price Proposal Checklist and Contents</td>
<td>Attachment 4.0.1.2</td>
<td>Section 4.0.1</td>
<td>x</td>
</tr>
<tr>
<td>Price Proposal</td>
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<td>Section 4.3</td>
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<tr>
<td>Price Proposal Form</td>
<td>Attachment 4.3.1</td>
<td>Section 4.3.1</td>
<td>x</td>
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<tr>
<td>Adjustment for Asphalt Form</td>
<td>Part 3 Exhibit 6.3(a)</td>
<td>Section 4.3.2</td>
<td>x</td>
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<tr>
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<td>Section 4.3.2</td>
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<tr>
<td>Adjustment for Fuel Form</td>
<td>Part 3 Exhibit 6.3(c)</td>
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<tr>
<td>Adjustment for Steel Form</td>
<td>Part 3 Exhibit 6.3(d)</td>
<td>Section 4.3.2</td>
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<tr>
<td>Proposal Guaranty</td>
<td>C-24</td>
<td>Section 4.3.3</td>
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<td>Sworn Statement Forms</td>
<td>C-104, C-105</td>
<td>Section 4.3.4</td>
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<td>Minimum DBE Requirements Form</td>
<td>C-111</td>
<td>Section 4.3.5</td>
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<tr>
<td>DBE Good Faith Effort Documentation Form, If applicable</td>
<td>C - 49</td>
<td>Section 4.3.5</td>
<td>x</td>
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<tr>
<td>Certification of Binding Agreement Form</td>
<td>C - 112</td>
<td>Section 4.3.5</td>
<td>x</td>
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</tbody>
</table>
ATTACHMENT 4.3.1
PRICE PROPOSAL FORM

4.3.1 Offeror shall specify, the following pricing information, in both numbers and words:

Proposal Price;

Total Lump Sum  Nine Million Two Hundred Thousand Nine Hundred Dollars ($9,212,900.00)

Date: 4/25/2012
Signature: William Cox, President
Design-Builder: Corman Construction, Inc.
Vendor No.: C096
EXHIBIT 6.3(a)
ADJUSTMENT FOR ASPHALT

SPECIAL PROVISION FOR ASPHALT MATERIAL PRICE ADJUSTMENT DESIGN-BUILD PROJECTS

June 30, 2011

In the event the Design-Builder elects to seek adjustment for asphalt items designated in the Price Proposal/Contract as Price Adjustment Items such items will be subject to price adjustment as set forth herein. Other items will not be adjusted, except as otherwise specified in the contract. If new pay items which contain Asphalt Material are established by Work Order, they will not be subject to Price Adjustment unless specifically designated in the Work Order to be subject to Price Adjustment.

Each month, the Department will publish an average state-wide PG 64-22 f.o.b. price per ton developed from the average terminal prices provided to the Department from suppliers of asphalt cement to contractors doing work in Virginia. The Department will collect terminal prices from approximately 12 terminals each month. These prices will be received once each month from suppliers on or about the last weekday of the month. The high and low prices will be eliminated and the remaining values averaged to establish the average statewide price for the following month. That monthly state-wide average price will be posted on the Scheduling and Contract Division website on or about the first weekday of the following month.

This monthly statewide average price will be the Base Index for all contracts on which bids are received during the calendar month of its posting and will be the Current Index for all asphalt placed during the calendar month of its posting. In the event an index changes radically from the apparent trend, as determined by the Engineer, the Department may establish an index which is determined to best reflect the trend.

The amount of adjustment applied will be based on the difference between the Price Proposal/Contract Base Index and the Current Index for the applicable calendar month during which the work is performed. Adjustment of any asphalt material item designated as a price adjustment item which does not contain PG 64-22, except PG 76-22, will be based on the indexes for PG 64-22. The quantity of asphalt cement for asphalt concrete pavement to which adjustment will be applied will be the quantity based on the percent of asphalt cement shown on the appropriate approved job mix formula.

The quantity of asphalt emulsion for surface treatments to which adjustment will be applied will be the quantity based on 65 percent residual asphalt.

Price adjustment will be shown as a separate entry on the monthly application of payment for work packages completed; however, such adjustment will not be included in the total cost of the work for progress determination or for extension of contract time.

In order to be eligible for asphalt price adjustment under this provision, the Design-Builder shall clearly identify in its Price Proposal those pay items and the associated quantities it chooses to have asphalt price adjustment applied to in its work packages. Items the Design-Builder claims in its application of payment for asphalt adjustments must be properly designated in order to be considered for adjustment. Items not properly designated or left out of the Design-Builder's Price Proposal will automatically not be considered for adjustment.

Any apparent attempt to unbalance bids in favor of items subject to price adjustment or failure to submit required cost and price data as noted hereinbefore may result in rejection of items for asphalt adjustment.

☑ I elect to use this provision
☐ I elect not to use this provision

(Date: 4/25/2011)
Signature: [Signature]
Design-Build: [Corman Construction, Inc.]
Vendor No.: C097
COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PRICE ADJUSTMENT

INSTRUCTIONS - This form is to be completed and returned ONLY when asphalt concrete items are designated for price adjustment on the bid price sheets.

PROJECT NUMBER:

DISTRICT:

Bid Prices in this contract for items containing PG 64-22 asphalt cement were developed using an f.o.b. price of $__________________________ per IMPERIAL ton for PG 64-22. This quote will be averaged into the monthly price index.

Bid Prices in this contract for items containing PG 76-22 asphalt cement were developed using an f.o.b. price of $__________________________ per IMPERIAL ton for PG 76-22. This quote is project specific.

Price quotes signed by each supplier from which the Design-Builder proposes to obtain PG 64-22 or PG 76-22 shall be maintained by the successful bidder. These quotes shall be retained on site during the life of the Contract for review by the Engineer upon request.

✓ I elect to use this provision  DATE: 4/25/2012

_ I elect not to use this provision

SIGNATURE: ____________________________

Corman Construction, Inc.
(Firm or Corporation)

C097
(Vendor No.)
EXHIBIT 6.3 (c)  
ADJUSTMENT FOR FUEL

VIRGINIA DEPARTMENT OF TRANSPORTATION  
SPECIAL PROVISION FOR  
OPTIONAL ADJUSTMENT FOR FUEL  
DESIGN-BUILD PROJECTS

June 30, 2011

In the event the Design-Build elects to seek adjustment for fuel items designated in the Price Proposal/Contract as Price Adjustment Items such items will be subject to price adjustment as set forth herein. Other items will not be adjusted, except as otherwise specified in the contract.

The Design-Build will submit their monthly application for payment associated with eligible work packages with an adjustment up or down as appropriate for cost changes in fuel used on specific items of work identified in this provision. A master listing of standard items eligible for fuel adjustment is provided by the Department on its website at the following link http://www.virginiadot.org/business/resources/masteroptionalfuelitems.pdf. The listing on the web site also includes the corresponding fuel factor for each item. The fuel usage factor for each item is considered inclusive of all fuel usage.

The amount of adjustment will be computed from the change in the indexes and the on-site fuel use as shown in the Department’s master listing of eligible items.

In order to be eligible for fuel adjustment under this provision, the Design-Build shall clearly identify in its Price Proposal those pay items and the associated quantities it chooses to have fuel adjustment applied to in its work packages. Items the Design-Build claims in its application of payment for fuel adjustments must be properly designated in order to be considered for adjustment. Items not properly designated or left out of the Design-Build’s Price Proposal will automatically not be considered for adjustment.

The monthly index price to be used in the administration of this provision will be calculated by the Department from the Diesel fuel prices published by the U. S. Department of Energy, Energy Information Administration on highway diesel prices, for the Lower Atlantic region. The monthly index price will be the price for diesel fuel calculated by averaging each of the weekly posted prices for that particular month.

For the purposes of this provision, the base index price will be calculated using the data from the month preceding the receipt of bids. The base index price will be posted by the Department at the beginning of the month for all bids received during that month.

The current index price will be posted by the Department and will be calculated using the data from the month preceding the particular estimate being vouchered for payment.

The current monthly quantity for eligible items of work selected by the Design-Build for fuel adjustment in its work packages will be multiplied by the appropriate fuel factor to determine the gallons of fuel to be cost adjusted. The amount of adjustment per gallon will be the net difference between the current index price and the base index price. Computation for adjustment will be made as follows:

\[
S = (E - B) \times QF
\]

Where:  
S = Monetary amount of the adjustment (plus or minus)  
B = Base index price  
E = Current index price
\[ Q = \text{Quantity of individual units of work} \]
\[ F = \text{Appropriate fuel factor} \]

Adjustments will not be made for work performed beyond the original contract time limit unless the original time limit has been changed by an executed Work Order.

If new pay items are added to this contract by Work Order and they are listed in the Department's master listing of eligible items, the Work Order must indicate which of these individual items will be fuel adjusted; otherwise, those items will not be fuel adjusted. If applicable, designating which new pay items will be added for fuel adjustment must be determined during development of the Work Order and clearly shown on the Work Order form. The Base Index price on any new eligible pay items added by Work Order will be the Base Index price posted for the month in which bids were received for that particular project. The Current Index price for any new eligible pay items added by Work Order will be the Index price posted for the month preceding the estimate on which the Work Order is paid.

When quantities differ between the last monthly application of payment prepared upon final acceptance and the final application of payment, adjustment will be made using the appropriate current index for the period in which that specific item of work was last performed.

In the event any of the base fuel prices in this contract increase more than 100 percent (i.e. fuel prices double), the Department will review each affected item of work and give the Design-Build written notice if work is to stop on any affected item of work. The Department reserves the right to reduce, eliminate or renegotiate the price for remaining portions of affected items of work.

Any amounts resulting from fuel adjustment will not be included in the total cost of work for determination of progress or for extension of contract time.

\[ \sqrt{ } \text{ I elect to use this provision} \]
\[ \_ \text{ I elect not to use this provision} \]

Date: 4/25/2012
Signature: [Signature]

Design-builder: Cormax Construction, Inc.
Vendor No.: C097

Commonwealth of Virginia
Virginia Department of Transportation
Page 2 of 2
EXHIBIT 6.3(d)
ADJUSTMENT FOR STEEL

VIRGINIA DEPARTMENT OF TRANSPORTATION
SPECIAL PROVISION FOR
PRICE ADJUSTMENT FOR STEEL
DESIGN-BUILD PROJECTS

June 30, 2011

In the event the Design-Builder elects to seek adjustment for steel items designated in the Price Proposal/Contract as Price Adjustment Items such items will be subject to price adjustment as set forth herein. If new pay items which involve steel are established by Work Order, they will not be subject to Price Adjustment unless specifically designated in the Work Order to be subject to Price Adjustment.

The Design-Builder will submit their monthly application for payment associated with eligible work packages with an adjustment up or down as appropriate for cost changes in steel used on specific items of work identified in the Price Proposal/contract in accordance with this provision. Provided at the end of this provision is a master listing of standard bid items the Department has determined are eligible for steel price adjustment. Inventoried materials from the listing of eligible items are specifically excluded for consideration. In addition, concrete items where reinforcing steel is normally included in the unit bid price for the item such as (but not limited to) drop inlets, median barriers, sound barrier walls, bridge railing and parapets, are not eligible for consideration under this provision.

The requirements of this provision shall apply only to material cost changes that occur between the date of the opening of the Price Proposal and the date the material is shipped to the fabricator. To be eligible for this price adjustment, Design-Builder is required to fill out the accompanying Form for Price Adjustment for Eligible Steel Items on Design-Build Projects and submit the same with its Price Proposal for the Project. By signing the Form and submitting it with its Price Proposal Design-Builder declares its intention to participate in the price adjustment in its contract with the Department. For the purposes of this provision, the prices listed on the Form for Price Adjustment for Eligible Steel Items on Design-Build projects are fixed for cost and adjustment calculations regardless of quantities incorporated into final design. Further, in order for steel items to be eligible for adjustment, once shipped to the fabricator, the items shall be specifically stored, labeled, or tagged, recognizable by color marking, and identifiable by project for inspection and audit verification.

Design-Builder shall upon request furnish documentation supporting the price per pound for eligible steel items as shown on the Form for Price Adjustment for Eligible Steel Items on Design-Build Projects furnished with its Price Proposal. Design-Builder must use the format as shown with this Form; no other format for presenting this information will be permitted. Design-Builder shall certify that all items of documentation are original and were used in the computation of the price per pound amount for the represented eligible pay items for the month the Price Proposal was opened. This documentation shall support the base line material price ("Base Price") of the steel item only. Base price per pound shall not include the following cost components: fabrication, shipping, storage, handling, and erection.

Failure to submit all documentation required or requested supporting the per pound prices on eligible steel items will result in Design-Builder being ineligible for a price adjustment of any or all steel items.

Price adjustment of each qualifying item under consideration will be subject to the following condition:

There is an increase or decrease in the cost of eligible steel materials in excess of 10 percent up to a maximum of 60 percent from the Base Price when compared with the latest published price index ("Price Index") in effect at the time material is shipped to the fabricator.
The Price Index the Department is using is based on The U.S. Department of Labor, Bureau of Labor Statistics, Producers Price Index (PPI) which measures the average price change over time of the specific steel eligible item from the perspective of the seller of goods. The Master List table provided at the end of this provision indicates the Producers Price Index (PPI) steel category index items and the corresponding I.D. numbers to which VDOT items will be compared. Please note: The Producers Price Index (PPI) is subject to revision 4 months after original publication, therefore, price adjustments and payments will not be made until the index numbers are finalized.

The price adjustment will be determined by computing the percentage of change in index value beyond 10 percent above or below the index on the date of opening of Design-Builder’s Price Proposal to the index value on the date the steel material is shipped to the fabricator (Please see included sample examples). Weights and date of shipment must be documented by a bill of lading provided to the Department. The final price adjustment dollar value will be determined by multiplying this percent increase or decrease in the index (after 10%) by the represented quantity of steel shipped, by the Base Price per pound subject to the limitations herein.

Price increase/decrease will be computed as follows:

\[ A = B \times P \times Q \]

Where:

- \( A \) = Steel price adjustment in lump sum dollars
- \( B \) = Average weighted price of steel submitted in Design-Builder’s Price Proposal for project in price per pound as listed on the Form for Price Adjustment for Eligible Steel Items on Design-Build Project
- \( P \) = Adjusted percentage change in PPI average from shipping date to date of opening of Price Proposal minus 10% (0.10) threshold
- \( Q \) = Total quantity of steel in pounds shipped to fabricator for specific project

The need for application of the adjustments herein to extra work will be determined by the Engineer on an individual basis and, if appropriate, will be specified on the Work Order.

This price adjustment is capped at 60 percent. This means the maximum "P" value for increase or decrease that can be used in the above equation is 50% (60%-10% threshold).

Calculations for price adjustment shall be shown separate from the monthly progress payment for work packages and will not be included in the total cost of work for determination of progress or for extension of contract time.

Upon Department review and due process consideration for redress by Design-Builder, any apparent evidence to unbalance the price supplied by Design-Builder in favor of items subject to price adjustment will result in ineligibility for Department participation under this provision.
FORM FOR PRICE ADJUSTMENT FOR ELIGIBLE STEEL ITEMS ON DESIGN-BUILD PROJECTS

Must be supplied with Price Proposal for Department Participation

All prices to be supported by project-specific quotes

DATE FOR RECEIPT OF PRICE PROPOSAL  April 25, 2012

Note: All prices (costs) are to include any surcharges on materials quoted. Vendors must include this surcharge with their cost. All prices (costs) are F.O.B. from the originating mill.

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<tr>
<th>Item Number</th>
<th>Item Description</th>
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<th>Unit</th>
<th>Unit Price</th>
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We, the undersigned, understand that by supplying prices for the steel items listed above and signing this form we are declaring our desire to apply the Special Provision For Steel Adjustment for Design-Build Projects to this Price Proposal and contract. The terms and conditions for participation are as stated in the Special Provision For Steel Adjustment for Design-Build Projects.

[Signature]
Design-Builder

Corman Construction, Inc.
William G. Cox, President

4/25/2012  Date
Sample Calculation of a Price Adjustment (increase)


Project has 450,000 lb. of eligible structural steel.

Design Builder's *f.o.b. supplier price for structural steel submitted in the Price Proposal is $0.2816 per pound. *free on board

Adjusted** BLS Producers Price Index (PPI) most recently published average at time of opening of the Price Proposal is 139.6.

All eligible steel shipped to fabricator in same month, October 2004.

Adjusted BLS Producers Price Index (PPI) most recently published average for month of October is 161.1

Adjustment formula is as follows:

\[ A = B \times P \times Q \]

Where:

- \( A \) = Steel price adjustment in lump sum dollars
- \( B \) = Average weighted price of steel submitted in the Price Proposal for Design-Build project in $ per pound
- \( P \) = Adjusted percentage change in PPI average from shipping date to date of submitted Price Proposal minus 10% (0.10) threshold
- \( Q \) = Total quantity of eligible steel shipped to fabricator in October 2004 for this project in pounds

\[ B = 0.2816 \]

\[ P = \frac{(161.1 - 139.6)}{139.6} - 0.10 = 0.054 \]

\[ Q = 450,000 \text{ lb.} \]

\[ A = 0.2816 \times 0.054 \times 450,000 \]

\[ A = $6,842.88 \text{ pay adjustment to Design-Builder} \]
Sample Calculation of a Price Adjustment (decrease)


Project has 450,000 lb. of eligible structural steel.

Design-Builder's *f.o.b. supplier price for structural steel submitted in the Price Proposal is $0.2816 per pound. *free on board

Adjusted BLS Producers Price Index (PPI) most recently published average at time of opening of the Price Proposal is 156.6.

All eligible steel shipped to fabricator in same month, October 2004.

Adjusted BLS Producers Price Index (PPI) most recently published average for month of October is 136.3

Adjustment formula is as follows:

\[ A = B \times P \times Q \]

Where:

\[ A = \text{Steel price adjustment in lump sum dollars} \]
\[ B = \text{Average weighted price of steel submitted in the Price Proposal for Design-Build project in$ per pound} \]
\[ P = \text{Adjusted percentage change in PPI average from shipping date to date of submitted Price Proposal minus 10% (0.10) threshold} \]
\[ Q = \text{Total quantity of eligible steel shipped to fabricator in October 2004 for this project in pounds} \]

\[ B = 0.2816 \]
\[ P = (156.6 - 136.3)/156.6 - 0.10 = 0.030 \]
\[ Q = 450,000 \text{ lb.} \]

\[ A = 0.2816 \times 0.030 \times 450,000 \]
\[ A = 3,801.60 \text{ credit to Department} \]
## MASTER LISTING

### STANDARD BID ITEMS ELIGIBLE FOR STEEL PRICE ADJUSTMENT

March 18, 2009

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<tr>
<td>68270</td>
<td>REINF. STEEL BRIDGE APPR. SLAB</td>
<td>LB</td>
<td>101704</td>
</tr>
<tr>
<td>69060</td>
<td>SHEET PILES, STEEL</td>
<td>SF</td>
<td>avg. 1017 &amp; 101</td>
</tr>
<tr>
<td>69100</td>
<td>REINF. STEEL</td>
<td>LB</td>
<td>101704</td>
</tr>
<tr>
<td>69104</td>
<td>CORROSION RESISTANT REINF. STEEL</td>
<td>LB</td>
<td>101704</td>
</tr>
<tr>
<td>69105</td>
<td>EPOXY COATED REINF. STEEL</td>
<td>LB</td>
<td>101704</td>
</tr>
<tr>
<td>69110</td>
<td>STEEL PILES 10&quot;</td>
<td>LF</td>
<td>avg. 1017 &amp; 101</td>
</tr>
<tr>
<td>69112</td>
<td>STEEL PILE 12&quot;</td>
<td>LF</td>
<td>avg. 1017 &amp; 101</td>
</tr>
</tbody>
</table>

Elect to use this provision: [ ]
Elect not to use this provision: [X]

Date: 4/25/2012
Signature: [Signature]
Design-Builder: Corman Construction, Inc.
Vendor No.: C097
COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
PROPOSAL GUARANTY

KNOW ALL MEN BY THESE PRESENTS, THAT WE Corman Construction, Inc. As principal, and Fidelity and Deposit Company of Maryland Surety, are held and firmly bound unto the Commonwealth of Virginia as obligee, in the amount of FIVE PERCENT OF THE DOLLAR VALUE OF THE BID, lawful money of the United States of America, for the payment of which, well and truly to be made, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally and firmly by these presents.

SIGNED, sealed and dated this 25th Day of April, 2012

WHEREAS, the above said principal is herewith submitting its proposal for:

PROJECT NUMBER: 0005-964-562,P101,R201,C501,B602-B607,005-964-562,C502

Virginia Capital Trail-New Market Heights Phase

NOW, THEREFORE, the condition of the above obligee is such, that if the aforesaid principal shall be awarded the contract upon said proposal and shall within the time specified in the Specifications after the notice of such award enter into a contract and give bond for the faithful performance of the contract, then this obligation shall be null and void; otherwise to remain in full force and effect and the principal and surety will pay unto the obligee the difference in money between the amount of the bid of the said principal and the amount for which the obligee may legally contract with another party to perform the said work if the latter amount be in excess of the former; but in no event shall the liability exceed the penal sum hereof.

Corman Construction, Inc.

By: William G. Cox, President

Fidelity and Deposit Company of Maryland

By: Patricia L. Lewis

1400 American Lane, Tower I, 18th Floor
Schaumburg, IL 60196-1056

*Note: If the principal is a joint venture, each party thereof must be named and execution made by same hereon. If there is more than one surety to the bid bond, each surety must be named and execution shall be made by same hereon.

Electronic Bid Only: In lieu of completing the above section of the Contract Performance Bond, the Principal shall file an Electronic Bid Bond when bidding electronically. By signing below the Principal is ensuring the identified electronic bid bond has been executed and the Principal and Surety are firmly bound unto the Commonwealth of Virginia under the same conditions of the bid bond as shown above.

Electronic Bid Bond ID# Company/Bidder Name Signature and Title

**Attach copy of Power of Attorney
ORDER NO.: N/A
CONTRACT ID. NO.: C00086279DB51

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

UPC #: 86279

FHWA: TEA-005(411)

This form must be completed, signed and returned with bid; and failure to do so may result in the rejection of your bid. THE CONTRACTOR SHALL AFFIRM THE FOLLOWING STATEMENT EITHER BY SIGNING THE AFFIDAVIT AND HAVING IT NOTARIZED OR BY SIGNING THE UNSWORN DECLARATION UNDER PENALTY OF PERJURY UNDER THE LAWS OF THE UNITED STATES. A SEPARATE FORM MUST BE SUBMITTED BY EACH PRINCIPAL OF A JOINT VENTURE BID.

STATEMENT
In preparation and submission of this bid, I, the firm, corporation or officers, agents or employees thereof did not, either directly or indirectly, enter into any combination or arrangement with any persons, firm or corporation or enter into any agreement, participate in any collusion, or otherwise take any action in the restraint of free, competitive bidding in violation of the Sherman Act (15 U.S.C. Section 1) or Article 1.1 or Chapter 12 of Title 18.2 (Virginia Governmental Frauds Act), Sections 59.1-9.1 through 59.1-9.17 or Sections 59.1-68.6 through 59.1-68.8 of the Code of Virginia.

AFFIDAVIT
The undersigned is duly authorized by the bidder to make the foregoing statement to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at Annapolis Junction, MD, this 25 day of April, 2012
Corman Construction, Inc. By: William G. Cox
(Name of Firm) President
STATE of Maryland
COUNTY (CITY) of Anne Arundel
To-wit:
I, Bonnie Hulme, a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day William G. Cox personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.

Subscribed and sworn to before me this 25 day of April, 2012
My Commission expires 5/19/2014
Notary Public

UNSWORN DECLARATION
The undersigned is duly authorized by the bidder to make the foregoing statement to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at , this day of , 20
County (City), STATE

By: (Signature) Title (print)
Attachment 4.3.4(b)
FORM C-105 (BIDDER'S CERTIFICATION)

UPC NO.: 86279
CONTRACT ID. NO.: C00086279DB51

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
AFFIDAVIT

UPC #: 86279

FHWA: TEA-005(411)

This form must be completed, signed, notarized and returned with bid; and failure to do so, may result in the rejection of your bid. A separate form must be submitted by each principal of a joint venture bid.

1. I, the firm, corporation or officers, agents or employees thereof have neither directly nor indirectly entered into any combination or arrangement with any person, firm or corporation or entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with such contract, the effect of which is to prevent competition or increase the cost of construction or maintenance of roads or bridges.

During the preceding twelve months, I (we) have been a member of the following Highway Contractor's Associations, as defined in Section 33.1-336 of the Code of Virginia (1970). (If none, so state).

<table>
<thead>
<tr>
<th>NAME</th>
<th>Location of Principal Office</th>
</tr>
</thead>
<tbody>
<tr>
<td>VTCA</td>
<td>Richmond, VA</td>
</tr>
<tr>
<td>ARTBA</td>
<td>Washington, DC</td>
</tr>
<tr>
<td>MTBMA</td>
<td>Glen Burnie, MD</td>
</tr>
</tbody>
</table>

2. I (we) have __X__, have not ____, participated in a previous contract or subcontract subject to the equal opportunity clause, as required by Executive Orders 10925, 11114, or 11246, and that I/We have __X__, have not ____, filed with the joint Reporting Committee, the Director of the Office of Federal Contract Compliance, a Federal Government contracting or administering agency, or the former President's Committee on Equal Employment Opportunity, all reports due under the applicable filing requirements.

Note: The above certification is required by the Equal Employment Opportunity Regulations of the Secretary of Labor [41 CFR 60-1.7(b)(1)], and must be submitted by bidders and proposed subcontractors only in connection with contracts and subcontracts which are subject to the equal opportunity clause. Contracts and subcontracts which are exempt from the equal opportunity clause are set forth in 41 CFR 60-1.5. (Generally only contract or subcontracts of $10,000 or under are exempt.)

Currently, Standard Form 100 (EEO-1) is the only report required by the Executive Orders or their implementing regulations.

Proposed prime contractors and subcontractors who have participated in a previous contract or subcontract subject to the Executive Orders and have not filed the required reports should note that 41 CFR 60-1.7(b) (1) prevents the award of contract and subcontract unless such contractor submits a report covering the delinquent period or such other period specified by the Federal Highway Administration or by the Director, Office of Federal Contract Compliance, U.S. Department of Labor.

(Continued)
Attachment 4.3.4(b)
FORM C-105 (BIDDER’S CERTIFICATION)

UPC NO.: 86279
CONTRACT ID. NO.: C00086279DB51

3. The bidder 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 judgement rendered against them for commission of fraud or a criminal offence in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction, violation 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 above; and

(d) Where the bidder is unable to certify to any of the statements in this certification, the bidder shall show an explanation below.

Explanations will not necessarily result in denial of award, but will be considered in determining bidder responsibility. For any explanation noted, indicate below to whom it applies, initiating agency, and dates of action. Providing false information may result in federal criminal prosecution or administration sanctions. The bidder shall provide immediate written notice to the Department if at any time the bidder learns that its certification was erroneous when submitted or has become erroneous by reason of change circumstances.

The undersigned is duly authorized by the bidder to make the foregoing statements to be filed with bids submitted on behalf of the bidder for contracts to be let by the Commonwealth Transportation Board.

Signed at Annapolis Junction, MD this 25 day of April, 20 12
County (City), STATE
Corman Construction, Inc. (Name of Firm) By: William G. Cox (Signature) President (Title (print))
STATE of Maryland COUNTY (CITY) of Anne Arundel
To-wit:
I Bonnie Hulme ____________________________ , a Notary Public in and for the State and County(City) aforesaid, hereby certify that this day personally appeared before me and made oath that he is duly authorized to make the above statements and that such statements are true and correct.
Subscribed and sworn to before me this 25th day of April, 20 12
My Commission expires 5/19/2014
Notary Public
COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
MINIMUM DBE REQUIREMENTS

PROJECT NO. 0005-964-562, PE-101, RW-201, C-501 (UPC 86279)

FHWA NO. 

*** INSTRUCTIONS ***

THIS FORM CAN BE USED BY THE CONTRACTOR TO SUBMIT THE NAMES OF DBE FIRMS TO BE UTILIZED ON THE PROJECT. THE CONTRACTOR SHALL INDICATE THE DESCRIPTION OF THE CATEGORY (S, M, SP or H) AND THE TYPE OF WORK THAT EACH DBE WILL PERFORM AND THE ALLOWABLE CREDIT PER ITEM(S). ADDITIONAL SHEETS TO SHOW THE ALLOWABLE CREDIT PER ITEM MAY BE ATTACHED IF NECESSARY. PLEASE NOTE: THE AMOUNT OF ALLOWABLE CREDIT FOR A DBE SUPPLIER IS 60% OF THE TOTAL COST OF THE MATERIALS OR SUPPLIES OBTAINED AND 100% FOR A DBE MANUFACTURER OF THE MATERIALS AND SUPPLIES OBTAINED. A CONTRACTOR MAY COUNT 100% OF THE FEES PAID TO A DBE HAULER FOR THE DELIVERY OF MATERIALS AND SUPPLIES TO THE PROJECT SITE, BUT NOT FOR THE COST OF THE MATERIALS AND SUPPLIES THEMSELVES.

DBE REQUIREMENT 17%

PERCENT ATTAINED BY BIDDER 17.15%

<table>
<thead>
<tr>
<th>NAMES(S) AND CERTIFICATION NO. OF DBE(S) TO BE USED</th>
<th>USED AS SUBCONTR. (S)</th>
<th>MFG. (M)</th>
<th>SUPPLIER (SP)</th>
<th>HAULER (H)</th>
<th>TYPE OF WORK AND ITEM NO(S)</th>
<th>$ AMOUNT OF ALLOWABLE CREDIT PER ITEM</th>
</tr>
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<tbody>
<tr>
<td>KDR REAL ESTATE 651893</td>
<td>Sub</td>
<td>COY334</td>
<td>Sub</td>
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<td>Consulting Service</td>
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<tr>
<td>C &amp; R ENGINEERING 609323</td>
<td>Sub</td>
<td>TSH240</td>
<td>Sub</td>
<td></td>
<td>Engineering Services</td>
<td>$491,000.00</td>
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<tr>
<td>EPA Engineering 603847</td>
<td>Sub</td>
<td>TSH240</td>
<td>Sub</td>
<td></td>
<td>Fabrication Service</td>
<td>$176,000.00</td>
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<tr>
<td>D &amp; J Services 55,55,55</td>
<td>Sub</td>
<td>TSH240</td>
<td>Sub</td>
<td></td>
<td>Fencing Installation</td>
<td>$53,000.00</td>
</tr>
</tbody>
</table>

SEE 2ND PAGE

TOTAL $ 

TOTAL CONTRACT VALUE $ x REQUIRED DBE _____ % = $ 

I/WE CERTIFY THAT THE PROPOSED DBE(S) SUBMITTED WILL BE USED ON THIS CONTRACT AS STATED HEREON AND ASSURE THAT DURING THE LIFE OF THE CONTRACT. I/WE WILL MEET OR EXCEED THE PARTICIPATION ESTABLISHED HEREON BY THE DEPARTMENT.

Corman Construction, Inc.  

BIDDER  

President - William G. Cox  

TITLE  

BY  

SIGNATURE  

April 25, 2012  

DATE
COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
MINIMUM DBE REQUIREMENTS

PROJECT NO. 0005-964-562, PE-101, RW-201, C-501 (UPC 86279)

FHWA NO.

*** INSTRUCTIONS ***

THIS FORM CAN BE USED BY THE CONTRACTOR TO SUBMIT THE NAMES OF DBE FIRMS TO BE UTILIZED ON THE PROJECT. THE CONTRACTOR SHALL INDICATE THE DESCRIPTION OF THE CATEGORY (S, M, SP or H) AND THE TYPE OF WORK THAT EACH DBE WILL PERFORM AND THE ALLOWABLE CREDIT PER ITEM(S). ADDITIONAL SHEETS TO SHOW THE ALLOWABLE CREDIT PER ITEM MAY BE ATTACHED IF NECESSARY. PLEASE NOTE: THE AMOUNT OF ALLOWABLE CREDIT FOR A DBE SUPPLIER IS 60% OF THE TOTAL COST OF THE MATERIALS OR SUPPLIES OBTAINED AND 100% FOR A DBE MANUFACTURER OF THE MATERIALS AND SUPPLIES OBTAINED. A CONTRACTOR MAY COUNT 100% OF THE FEES PAID TO A DBE HAULER FOR THE DELIVERY OF MATERIALS AND SUPPLIES TO THE PROJECT SITE, BUT NOT FOR THE COST OF THE MATERIALS AND SUPPLIES THEMSELVES.

DBE REQUIREMENT

17 %

PERCENT ATTAINED BY BIDDER

17.115 %

<table>
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<tr>
<th>NAMES(S) AND CERTIFICATION NO. OF DBE(S) TO BE USED</th>
<th>USED AS</th>
<th>TYPE OF WORK AND ITEM NO(S)</th>
<th>$ AMOUNT OF ALLOWABLE CREDIT PER ITEM</th>
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</thead>
<tbody>
<tr>
<td>Dwyer, John ULS-06799</td>
<td>Sub</td>
<td>TOPCON G2 w/ Site Net</td>
<td>$285,000</td>
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<tr>
<td>Coggin, Todd ULS-0033</td>
<td>Sub</td>
<td></td>
<td>$195,000</td>
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<tr>
<td>TOTAL</td>
<td></td>
<td></td>
<td>$480,000</td>
</tr>
</tbody>
</table>

TOTAL CONTRACT VALUE $9,212,900 x REQUIRED DBE 17 % = $1,566,913.00

I WE CERTIFY THAT THE PROPOSED DBE(S) SUBMITTED WILL BE USED ON THIS CONTRACT AS STATED HEREON AND ASSURE THAT DURING THE LIFE OF THE CONTRACT, I WILL MEET OR EXCEED THE PARTICIPATION ESTABLISHED HEREON BY THE DEPARTMENT.

Corman Construction, Inc.

BIDDER

President - William G. Cox

TITLE

BY

SIGNATURE

April 25, 2012

DATE
COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
DBE GOOD FAITH EFFORTS DOCUMENTATION

--DO NOT DETACH--

THIS INFORMATION MUST BE SUBMITTED WITH YOUR BID PROPOSAL IF YOUR BID DOES NOT MEET THE PROJECT DBE REQUIREMENTS, OR WHEN REQUESTED BY VDOT

CONTRACT I.D. NUMBER C00086279DB51
PROJECT NUMBER 0005-964-562, P101, R201, C501, B602-B607
0005-964-562,C502
FHWA NUMBER OC-5127(789) ARRA-FS09(048)
DISTRICT
DATE BID SUBMITTED April 25, 2012
BIDDER'S NAME Corman Construction, Inc.
SIGNATURE
TITLE William G. Cox, President
VENDOR NUMBER C097
DBE GOAL FROM BID PROPOSAL 17.6%
COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION
CERTIFICATION OF BINDING AGREEMENT
WITH
DISADVANTAGED BUSINESS ENTERPRISE FIRMS

Project No.:

Federal Project No.:

This form is to be submitted in accordance with the Department’s Special Provision for Section 107.15.

It is hereby certified by the below signed Contractors that there exists a written quote, acceptable to the parties involved preliminary to a binding subcontract agreement stating the details concerning the work to be performed and the price which will be paid for the aforementioned work. This document is not intended to, nor should it be construed to, contain the entire text of the agreement between the contracting parties. This document does not take the place of, nor may it be substituted for, an official subcontracting agreement in those situations that may require such an agreement. A copy of the fully executed subcontract agreement shall be submitted to the Engineer within fourteen (14) business days after contract execution.

It is further certified that the aforementioned mutually acceptable quote and fully executed subcontract agreement represent the entire agreement between the parties involved and that no conversations, verbal agreements, or other forms of non-written representations shall serve to add to, delete, or modify the terms as stated.

The prime Contractor further represents that the aforementioned mutually acceptable quote and fully executed subcontract agreement shall remain on file for a period of not less than one year following completion of the prime’s contract with the Department or for such longer period as provisions of governing Federal or State law or regulations may require. For purposes of this form, the term Prime Contractor shall refer to any Contractor utilizing a DBE subcontractor, regardless of tier, in which they are claiming DBE credit toward the contract goal.

Contractors further jointly and severally represent that said binding agreement is for the performance of a “commercially useful function” as that term is employed in 49 C.F.R. Part 26.55 (c), (d).

TO BE SIGNED BY THE SUBCONTRACTOR TO THE PRIME CONTRACTOR, AND ANY LOWER TIER
SUBCONTRACTORS HAVING A CONTRACT WITH THE BELOW NAMED DBE FIRM

Prime Contractor

Corman Construction, Inc.

By: ___________________________  Signature: ___________________________

President  Title

Date: April 25, 2012

First Tier

Subcontractor if Applicable

By: ___________________________  Signature: ___________________________

Title

Date: ___________________________
Second Tier
Subcontractor if
Applicable

By: ________________________    ________________________
     Signature                Title
     Date: _____________________

Third Tier
Subcontractor if
Applicable

By: ________________________    ________________________
     Signature                Title
     Date: _____________________

DBE Contractor
EBA Engineering, Inc.

By: ________________________    ________________________
     Signature                First Executive Vice President
     4-24-12                   Title
     Date: _____________________
Second Tier
Subcontractor if Applicable

By: ___________________________ Signature ___________________________ Title ___________________________
    Date: ______________________

Third Tier
Subcontractor if Applicable

By: ___________________________ Signature ___________________________ Title ___________________________
    Date: ______________________

DBE Contractor
Environmental Specialties Group, Inc.

By: ___________________________ Signature ___________________________ Title ___________________________
    Date: 4-24-2012
Second Tier
Subcontractor If Applicable

By: ____________________________
Signature: ____________________________
Title: ____________________________
Date: ____________________________

Third Tier
Subcontractor If Applicable

By: ____________________________
Signature: ____________________________
Title: ____________________________
Date: ____________________________

DBE Contractor
Engineering and Testing Services, Inc (ETS)

By: ____________________________
Signature: ____________________________
Title: Vice President
Date: April 25, 2012
Second Tier
Subcontractor if Applicable

By: ____________________________  Title: ____________________________
    Signature                        Date: ____________________________

Third Tier
Subcontractor if Applicable

By: ____________________________  Title: ____________________________
    Signature                        Date: ____________________________

SWaM DME Contractor
KDR Real Estate Services

By: ____________________________  Title: ____________________________
    Signature                        Date: 4/24/12
Second Tier
Subcontractor if Applicable

By: __________________________  Signature  __________________________  Title  __________________________________________
     __________________________

Date: __________

Third Tier
Subcontractor if Applicable

By: __________________________  Signature  __________________________  Title  __________________________________________
     __________________________

Date: __________

DBE Contractor  D & W Fence

By: __________________________  Signature  __________________________  Title  Carolyn Smith/Shrey  Date: 4/24/2017

Owner  __________________________
Second Tier
Subcontractor if
Applicable

By: ____________________________
   Signature                      Title
   Date: ________________________

Third Tier
Subcontractor if
Applicable

By: ____________________________
   Signature                      Title
   Date: ________________________

DBE Contractor  A & P Services, LLC

By: ____________________________
   Signature                      Title
   Date: 4/24/12
Second Tier
Subcontractor if Applicable

By
Signature
Title
Date

Third Tier
Subcontractor if Applicable

By
Signature
Title
Date

DBE Contractor
D.W. Cary Hauling, Inc.

By
Signature
Title
Date 04/25/12