PROJECT INFORMATION MEETING

NORTHBOUND RAPPAHANNOCK RIVER CROSSING

UPC 105510 (0095-111-270)

CITY OF FREDERICKSBURG, SPOTSYLVANIA AND STAFFORD COUNTIES, VIRGINIA

May 20, 2019
Agenda

• Project Overview
• RFQ Summary
• Questions / Answers
I-95 Northbound Rappahannock River Crossing - Overview

- Separates existing lanes from local lanes on I-95 northbound
- Provides 3 through traffic lanes on I-95 northbound
- New lanes start just before Route 3 interchange in Spotsylvania and continue north to Centreport Parkway
- New bridge to be built over the Rappahannock River to carry through lanes in the median
I-95 Northbound Rappahannock River Crossing
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Virginia Department of Transportation
I-95 Northbound Rappahannock River Crossing
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I-95 Northbound Rappahannock River Crossing
Route 17 Interchange – Base Design
I-95 Northbound Rappahannock River Crossing
Route 17 Interchange – Potential bid option

- Potential Bid Option for Route 17 Interchange
- Free flow from NB I-95 to Route 17 NB
- Removes NE loop ramp
- Impacts properties in SE quadrant
- Designed to handle projected 2042 traffic
I-95 Northbound Rappahannock River Crossing
Route 17 Interchange – anticipated bid option
I-95 Northbound Rappahannock River Crossing

CITIZEN INFORMATION MEETING, JANUARY 2019

I-95 Rappahannock River Crossing Northbound Project

PROJECT LIMIT OVERVIEW (5 OF 6)

UPC #105510

Virginia Department of Transportation

[Map illustrating the Rappahannock River Crossing Northbound project with various road names and directions, such as "Fred Ex to Route 17 Ramp," "Fred Ex to SB I-95 GP," "Fred Ex to SB I-95 CD," "I-95 SB to Route 17 Ramp," "I-95 NB to Fred Ex," "I-95 NB CD to Fred Ex." Legend indicating various project elements such as designations for construction zones and existing roads.]
I-95 Northbound Rappahannock River Crossing
I-95 Northbound Rappahannock River Crossing

Status of Project:

- NEPA complete
- IMR, Updated Survey and Full GDR underway – anticipated in time for RFP release
- Public Hearing this summer
Project Scope

The scope includes but is not limited to all work required to support the design and construction of:

- Roadway
- Survey
- Environmental
- Geotechnical
- Hydraulics
- Traffic Control Devices
- Transportation Management Plan
- Right of Way

- Utilities
- Public Involvement/ Relations
- Quality Assurance and Quality Control
- Construction Engineering and Inspection
- Overall Project Management
RFQ SUMMARY

• VDOT POC
  Suril R. Shah, P.E., DBIA
  Alternate Project Delivery Division
  1401 East Broad Street
  Richmond, Virginia 23219
  Phone: (804) 225-3799
  E-mail: Suril.Shah@vdot.virginia.gov

• Two-Phase Best Value Procurement

• Short-List 3 Highest Ranked Teams

• Estimated Contract Value - $126,500,000
Alternative Technical Concepts (ATCs)

- Code of Virginia (§ 33.2-209(B) has been amended to allow consideration of ATCs)
- ATCs may be permitted and considered during the RFP phase of the Project
- Specific details will be included in the RFP
- VDOT’s ATC Process and Procedures can be found at VDOT’s Design-Build website: [http://www.virginiadot.org/business/design-build.asp](http://www.virginiadot.org/business/design-build.asp)
Anticipated Schedule

(Section 2.5)

- RFQ Questions to VDOT: 05/31/2019
- VDOT Response to Questions: 06/11/2019
- SOQ Submission Date: 07/02/2019 (4:00 PM prevailing local time)
- Notification of Shortlist: 08/20/2019
- Anticipated RFP Release Date: 08/27/2019
- Technical Proposals Due: 02/25/2020 (4:00 PM prevailing local time)
- Price Proposals Due: 04/08/2020 (4:00 PM prevailing local time)
- Anticipated Award Date: 05/20/2020
- Final Completion: 08/28/2024
RFQ Information Package  

I-95 NB RRC RFQ Conceptual Plan
I-95 NB RRC DGN files
I-95 NB RRC Display boards
I-95 NB RRC NEPA documentation
RFQ Information Package (Section 2.8)

A Supplementary Information Package, which is not deemed a component of the RFQ, is also available. This package is solely for the information of the Offeror, which each Offeror may use at their own risk and as they deem appropriate.

- I-95 SB RRC Geotechnical Data
- I-95 SB RRC Design-Builder’s Schedule
- I-95 SB RRC unapproved plans
- FredEx Schedule (unapproved baseline)
- FredEx plans (RFP plans)
- FredEx Geotechnical Data
- Bridge As-Built Plans
FORM C-78 (ATTACHMENT 2.10)

- Monitor VDOT’s Design-Build RFQ website for responses to RFQ questions and Addendums
  http://www.virginiadot.org/business/request-for-qualifications.asp

- A revised C-78 form will be included with each addendum

- Sign, date and include the C-78 with SOQ
Contents of Statements of Qualifications (SOQ)

- **Letter of Submittal** (Section 3.2)
  - POC & Principal Officer, Corporate Structure, Lead Contractor and Lead Designer, Surety, Evidence of Prequalification, SCC & DPOR information, etc.
  - Commitment to achieving a **12%** DBE participation goal

- **Offeror’s Team Structure** (Section 3.3)
  - Key Personnel (6)
    - **Design Build Project Manager**
      - Responsible for the overall Project design, construction, quality management and contract administration
    - ** Entrusted Engineer in Charge (EIC)**
      - The EIC is responsible for ensuring that all engineering work for the Project is integrated and otherwise delivers a safe, functional Project.
    - **Quality Assurance Manager**
      - Responsible for the QA inspection and testing of all materials used and work performed on the Project
      - No contractual relationship with QC firm and no involvement in construction operations (to include QC inspection and testing)
      - **NOTE:** Current assignments and anticipated duration of each assignment required
Contents of Statements of Qualifications (SOQ)

✔ Key Personnel (Cont.)

• **Design Manager**
  » Responsible for coordinating the design of the Project and overseeing the QA/QC program for all design disciplines

• **Construction Manager**
  » Responsible for managing the construction process, to include all Quality Control (QC) activities
  » Required to be on the Project site full time for the duration of construction operations
  » Provide a list of current assignment and anticipated duration of each assignment

• **Lead Structural Engineer**
  » Shall serve as the lead structural engineer for the Project, responsible for structural design of the bridges and retaining walls.

✔ **Organizational Chart and Narrative**

• Clear separation between QA and QC staff

• One lead QA Inspector shall be assigned to the structure and bridge elements of the Project and one lead QA Inspector shall be assigned to the roadway elements of the Project.
Contents of Statements of Qualifications (SOQ)

• **Experience of Offeror’s Team**
  - Lead Contractor Work History Form
  - Lead Designer Work History Form

Format and Appearance of the Key Personnel Resume Form and Work History Forms should not be modified

The team proposed by the Offeror shall remain intact throughout the procurement process and, if awarded the contract, the duration of the contract

• **Project Risks**
  - DB team to identify 3 unique Risks critical to the success of the Project
    - Why is the risk critical?
    - What is the potential impact?
    - Mitigation strategies?
    - VDOT’s role?
Evaluation Criteria (Section 4)

- Offeror’s Team Structure 30%
- Experience of Offeror’s Team 35%
- Project 35%

Total 100%

Design Build Evaluation Guidelines, Revised May 2014 (On VDOT’S DB Website)

Submittal Requirements (Section 5)

• Deadline for submitting a Statement of Qualifications is July 2 at 4:00PM

• 1 original paper version with original signatures

• 1 CD-ROM with entire SOQ

• 10 abbreviated paper copies

• Statements of Qualifications shall be:
  ✓ Securely bound
  ✓ No more than 15 pages
  ✓ Typed on one-side only
  ✓ Separated by numbered tabs
  ✓ Original shall include all required documentation
  ✓ Written in Times New Roman with a 12 point font
RFQ Questions  

(Section 6)

- All questions and request for clarifications shall be submitted in writing to the VDOT POC.

- Deadline for submitting Questions is May 31, 2019

- Responses will be posted by June 11, 2019
Conflict of Interest

(Section 11.2)

The following firms have been determined to have a conflict of interest:

• Whitman Requardt & Associates (WRA)
• Reynolds Smith and Hill, Inc. (RS&H)
• Kimley Horn and Associates
• H&B Surveying
• Accumark
• McKenzie Snyder
• 360 Consultants

• T3 Design
• ATCS
• HDR Inc.
• Mattern and Craig
• Alpha Corporation
• Freehead, Inc.

In addition, the I-95 Express Lanes Concessionaire as well as its affiliates, including without limitation, 95 Express Lanes LLC, Capital Beltway Express LLC, Transurban (USA) Inc. and Transurban (USA) Operations Inc., The Transurban Group, will not be allowed to participate as a Design-Build team member and may not be contacted by any Offeror in connection with the Project.
Conflict of Interest

(Section 11.2)

• Each Offeror shall identify potential conflicts of interest
  • See Alternate Project Delivery Office Memorandum IIM-APD-2 dated December 27, 2012

• If a potential conflict of interest or competitive advantage is identified, the Offeror shall submit in writing the pertinent information to VDOT’s POC

• Embedded Employees within VDOT may pose a potential Conflict of Interest
Offerors are prohibited to access VDOT right of way and private property within the Project Limits to perform any activities other than to observe the conditions of the site, unless otherwise approved in writing by VDOT’s POC included in, Section 2.7.

If any member of the Offeror’s team has access to geotechnical investigations/information/evaluations or any exploratory borings conducted within the Project limits prior to release of RFQ, they shall disclose such information to VDOT’s POC for determination of how this information would affect the opportunity of that entity to participate in the Project procurement.

Furthermore, the Offerors are on notice that any unauthorized access to VDOT right of way and private property within the Project may be considered sufficient for the disqualification of the Offeror or may render the Offeror’s SOQ non-responsive or both.
QUESTIONS ??