PROJECT INFORMATION PRESENTATION

BOUNDARY CHANNEL DRIVE AT I-395 INTERCHANGE

ARLINGTON COUNTY, VIRGINIA

UPC 116394
STATE PROJECT NO.: 6587-000-R89, P101, R201, C501
CONTRACT ID: C00116394DB109

Christopher Barksdale, P.E. – Project Manager
Sudha Mudgade, P.E., PMP, DBIA – APD Project Manager - POC

October 21, 2020
Agenda

• **Project Overview**
  • Location Map
  • Description/Purpose, Scope & Status
  • Typical Sections

• **RFQ Summary**
  • VDOT Point of Contact (POC)
  • Procurement Schedule
  • RFQ Information Package Contents
  • Contents of SOQs, Evaluation Criteria & Submittal Requirements
  • Bid Express
  • RFQ Questions
  • Conflicts of Interest
Project Location Map

Mount Vernon Trail

Boundary Channel Drive

Connector Road

I-95 Express Lanes (Toll Road)

Lynx Bridge Drive
Project Overview:

- Reduce Boundary Channel Drive from four to two lanes.
- Convert each ramp terminal along Boundary Channel Drive into a roundabout.
- Add a sidewalk along the eastbound side of Boundary Channel Drive.
- Add a shared-use path along the westbound side, and tie into the Mount Vernon Trail within National Park Service (NPS) property.

Project Purpose:

- Enhance multimodal options and connections for pedestrian and bicyclists.
- Operational and safety improvements along I-395, Boundary Channel Drive, and Long Bridge Drive.
Project Rendering
Project Scope

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

- Roadway
- Survey
- Environmental
- Geotechnical
- Drainage, Erosion & Sediment Control, and Stormwater Management
- Traffic Control Devices, including Overhead Sign Structures
- Transportation Management Plan
- Limited Right-of-Way, including Limited Access Line Changes
- Landscaping
- Utilities
- Permits (access and environmental)
- Public Involvement/Relations and Stakeholder Coordination
- Intelligent Transportation Systems
- Lighting
- Quality Assurance and Quality Control
- Construction Engineering and Inspection
- Overall Project Management
Project Status

- **NEPA Document:** Categorical Exclusion, approved January 17, 2018
- **Public Involvement:** Design Public Hearing planned November 5, 2020
- **Delivery method:** Design-Build
- **Procurement Type:** Two-Phase, Lowest Price
- **Funding:**
  - Local and State match, NVTA
  - Fully funded PE, RW, and CN Phases
  - Treated as Federally Eligible
Boundary Channel Drive Typical Sections

UNDER I-395 BRIDGE

LONG BRIDGE DRIVE TYPICAL SECTION

NOT TO SCALE
RFQ SUMMARY

• VDOT Point of Contact (POC)
  Sudha Mudgade, P.E., PMP, DBIA
  Alternative Project Delivery Division
  1401 East Broad Street
  Richmond, Virginia 23219
  Phone: (804) 786-5087
  E-mail: Sudha.Mudgade@vdot.virginia.gov

• Two-Phase, Lowest Price Procurement

• Short-List 3 Highest Ranked Teams

• Estimated Contract Value - $15,000,000
<table>
<thead>
<tr>
<th>Event</th>
<th>Date/Time</th>
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<tbody>
<tr>
<td>RFQ Questions to VDOT</td>
<td>11/04/2020 (4:00 PM)</td>
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<tr>
<td>VDOT Response to Questions</td>
<td>11/17/2020</td>
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<tr>
<td>SOQ Submission Date</td>
<td>12/08/2020 (4:00 PM)</td>
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<td>Anticipated RFP Release Date</td>
<td>02/17/2021</td>
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<td>Letters of Submittal (LOS) Due</td>
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<td>Price Proposals Due</td>
<td>05/12/2021</td>
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<tr>
<td>Anticipated Award Date</td>
<td>06/16/2021</td>
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<tr>
<td>Final Completion</td>
<td>11/21/2023</td>
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RFQ Information Package (Section 2.8)

- RFQ Conceptual Road Plans
- Preliminary Master Survey Files (including Underground Utility Designations)
- Preliminary Traffic Data
- IMR (Interchange Modification Report)
- Preliminary Geotechnical Data Report
- Categorical Exclusion (CE)
- Pipe Inspection Reports
- Approved Design Exception for Existing Bridge Vertical Clearance

Available for download as one (1) zip file on the Design-Build Request for Qualifications (RFQs) webpage: http://www.virginiadot.org/business/request-for-qualifications.asp
Monitor VDOT’s Design-Build RFQ website for responses to RFQ questions and Addendums http://www.virginiadot.org/business/request-for-qualifications.asp

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

✓ Electronic signatures or scanned signatures are acceptable.
Contents of Statements of Qualifications (SOQ)

• Offeror’s Team Structure (Key Personnel) (Section 3.3)
  • Design Build Project Manager
    » Responsible for overall Project design, construction, quality management, and contract administration.
  • Quality Assurance Manager
    » Responsible for QA inspection of all work performed & testing of all materials used.
    » No contractual relationship with QC firm and no involvement in construction operations (to include QC inspection and testing).
  • Design Manager
    » Responsible for coordinating Project design and overseeing QA/QC program for all design disciplines.
  • Construction Manager
    » Responsible for managing construction process, to include all Quality Control (QC) activities.
    » Required to be on the Project site full time for duration of construction operations.
    » Provide a list of current assignments and anticipated duration of each assignment.
Contents of Statements of Qualifications (SOQ)

• Offeror’s Team Structure (Cont.) (Section 3.3)
  ✓ Organizational Chart and Narrative
    • Clear separation between QA and QC staff

• Experience of Offeror’s Team (Section 3.4)
  ✓ 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 (Section 5.2.2)
Contents of Statements of Qualifications (SOQ)

• Offeror’s proposed team shall remain intact throughout procurement process and, if awarded the contract, the duration of the contract. (Section 11.1)

• Project Risks (Section 3.5)
  ✓ Offeror 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 20%
- Experience of Offeror’s Team 35%
- Project Risks 45%

Total 100%

Design-Build Evaluation Guidelines, Revised September 2019


Located on VDOT’S D-B Website -- http://www.virginiadot.org/business/design-build.asp
Submittal Requirements (Section 5)

• Deadline for submitting an SOQ is December 8 at 4:00PM

• SOQ’s will only be accepted electronically through Bid Express (see next slide for details).

• SOQ’s shall be submitted as a single .PDF file; no more than 20 megabytes in size.

• The SOQ must be submitted by the Offeror (i.e., not by SubConsultant, SubContractor etc. on the Offeror’s team).
Bid Express

• Information regarding Bid Express available on our procurement website under the project: http://www.virginiadot.org/business/request-for-qualifications.asp
  • Account Registration
  • Frequently Asked Question
  • User Guide
  • Vendor Set-up guide

• Bid Express requires a paid registration to submit an SOQ.

• Deadline for submitting an SOQ is December 8 at 4:00 PM. You can submit and/or resubmit up until that time. No submissions allowed after due date and time.

• It is recommended to test the submission process in advance of final submission. VDOT will not have access to an SOQ until after December 8 at 4:00 PM.

• **DO NOT WAIT UNTIL THE LAST MINUTE TO SUBMIT!**
RFQ Questions (Section 6)

- All questions and request for clarifications shall be submitted in writing to the VDOT POC by email.
- Deadline for RFQ Questions submittal is November 4, 2020 (4:00 PM)
- Responses will be posted to Bid Express by November 17, 2020
Conflict of Interest (Section 11.2)

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

- Rummel, Klepper & Kahl, LLP (RK&K)
- Alvi Associates, Inc.
- ECS Mid-Atlantic, LLC

Each Offeror shall identify potential conflicts of interest

- See Alternate Project Delivery Office Memorandum IIM-APD-2.2 dated November 9, 2017

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

- Embedded Employees within VDOT may pose a potential Conflict of Interest