



# PROJECT INFORMATION PRESENTATION

## I-95 & ROUTE 123 (EXIT 160) INTERCHANGE IMPROVEMENTS

PRINCE WILLIAM COUNTY, VIRGINIA

UPC 120460

PROJECT NO.: 0095-076-341, P101, R201, C501

CONTRACT ID: C00120460DB117

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April 21, 2022

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If any information in this presentation conflicts with the information provided in the Request for Qualifications (RFQ), the RFQ shall govern.

# VDOT-VTCA Progressive Design-Build Webinar (March 8, 2022)

- VDOT APD webpage link to webinar:

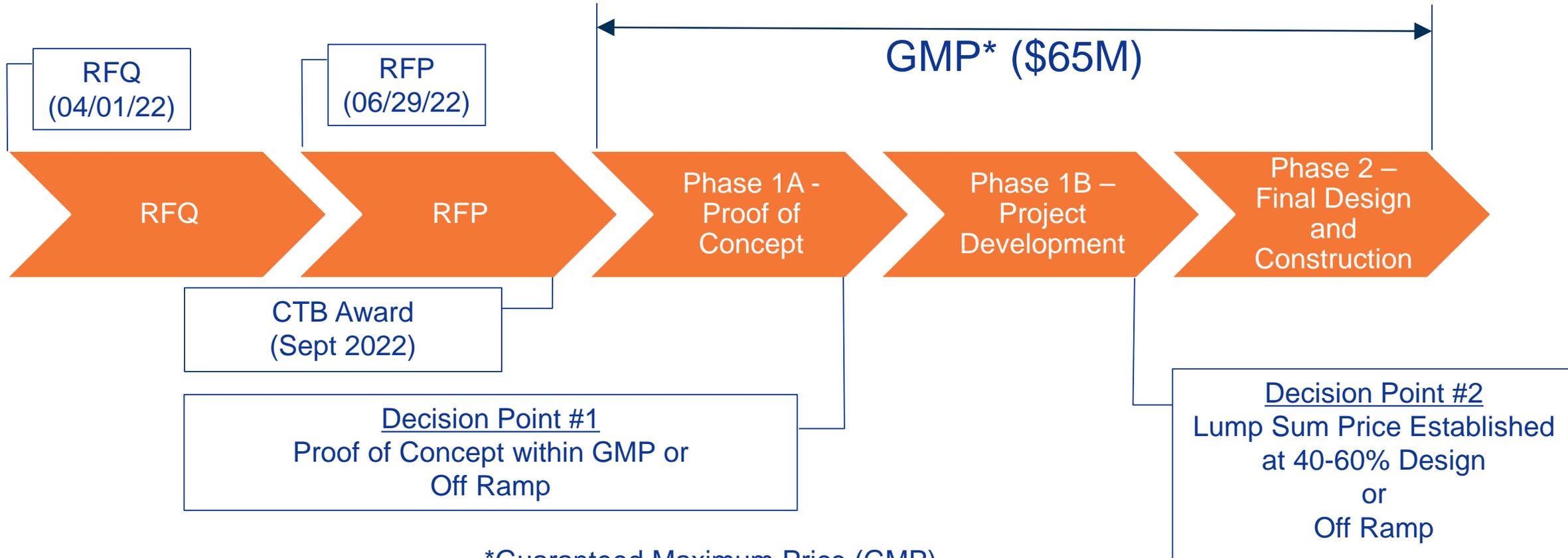
[https://www.virginiadot.org/business/resources/APD\\_Docs/APD\\_Office\\_Page/PDB\\_Overview - VDOT-VTCA\\_Webinar\\_Final.pdf](https://www.virginiadot.org/business/resources/APD_Docs/APD_Office_Page/PDB_Overview_-_VDOT-VTCA_Webinar_Final.pdf)

# Progressive Design-Build

- Involvement of most qualified Design-Builder at early point in project development
- Design-Builder selected primarily based on qualifications
- Initial phase of the Design-Build contract is for Proof of Concept only
- Design-Build team becomes a strategic partner in planning/project definition
- Owner and Design-Builder collaborate key scope and risk issues:
  - Develop the conceptual design and scope of work
  - Address concerns of 3rd-party stakeholders
  - Assess the cost impact of preliminary design changes through transparent open-book pricing

*As a result, PDB reduces project risk for both the Owner and the Design-Builder*

# Progressive Design-Build Process



\*Guaranteed Maximum Price (GMP)

The budget established by VDOT for the DB contract that the DB firm's lump sum price (Phase 1A+1B+2) will not exceed.

# Progressive Design-Build Overview

## (Section 1.1)

- **Phase 1A – Proof of Concept** (*basis for Price Proposal at RFP stage*)
  - Project scope, project limits, design criteria, schedule, NEPA Activities
  - Develop a proposal for Phase 1B services
  - Confirm GMP is achievable (Decision Point #1)
- **Phase 1B - Project Development**
  - Advance Proof of Concept to the 40% to 60% design
  - Develop Lump Sum Proposal for Phase 2 Services
  - Utilize Opinion of Probable Construction Cost process (OPCC) – Attachment 1.1
  - Confirm GMP is still achievable (Decision Point #2)
- **Phase 2 - Final Design and Construction**
  - Complete the design and construction of the project

# Project Location Map



# Project Overview / Purpose

The I-95/Rte 123 Interchange (Exit 160) will be modified to provide operational and safety improvements, capacity improvements, and pedestrian connectivity. The “Strategically Targeted Affordable Roadway Solutions” (STARS) study resulted in a concept that includes:

- Replacing NB Rte 123 to SB I-95 loop ramp with signalized left-turn west of 95
- Modification to Rte 123 and I-95 Express Lane intersection
- Widening of Rte 123 to SB I-95 on-ramp to two lanes
- Relocation of SB I-95 to NB Rte 123 off-ramp
- Addition of shared-use path NB Rte 123 from Annapolis Way to Devil’s Reach Rd, which cannot be accommodated on the existing bridge
- Deck repair/replacement of I-95 SB bridge over Occoquan Rd

# Project Scope

## All work required to support design and construction of the Project:

- Roadway (alternatives development, design)
- Structures & Bridges
- Supplemental Survey
- Environmental (NEPA document support, commitments/compliance, permits)
- Geotechnical
- Drainage, ESC, and SWM
- Traffic Engineering (data collection, forecasts, analyses [IAR], traffic control devices, ITS, coordination with Express Lanes)
- Transportation Management Plan
- Right-of-Way (including possible limited access line changes)
- Utilities (test pits, coordination, adjustments, relocations, etc.)
- Public Involvement/Stakeholder Coordination
- Quality Assurance and Quality Control
- Construction Engineering & Inspection
- Project Controls (cost estimating, schedule development/management)
- Overall Project Management

# VDOT's Point of Contact

(Section 2.7)

**Jeffrey Roby, P.E., DBIA**

**Alternative Project Delivery Division**

**1401 East Broad Street**

**Richmond, Virginia 23219**

**Phone: (804) 786-1103**

**E-mail: [jeffrey.robby@vdot.virginia.gov](mailto:jeffrey.robby@vdot.virginia.gov)**

- **Sole point of contact for matters related to the RFQ**
- **All communications shall be in writing**

# RFQ Summary

- **Two-Phase Best-Value Procurement**
- **Short-List 3 Highest Ranked Teams**
- **Prorated SOQ Scores will contribute to the Technical Proposal Score**
- **Members of teams not shortlisted may join one or more of Shortlisted teams**

# Anticipated Schedule

## (Section 2.5)

- RFQ Questions to VDOT 04/29/2022 (4:00 PM)
- VDOT Response to Questions 05/06/2022
- SOQ Submission Date 05/27/2022 (4:00 PM)
- Anticipated RFP Release Date 06/29/2022
- Technical and Price Proposals Due 07/27/2022
- Technical Presentation/Interviews 08/11/2022
- Anticipated Award Date 09/21/2022
- Final Completion 12/16/2027

# RFQ Information Package

## (Section 2.8)

- Project Location Map
- Draft Part 3\* – Progressive Design-Build Agreement Between Department and Design-Builder (rev. 03/31/2022)
- Draft Part 3 Exhibit 11.2.7\* – Agreement Among Department, Design-Builder and Lead Designer
- Draft Part 4\* – Progressive Design-Build General Conditions of Contract Between Department and Design-Builder (rev. 03/31/2022)
- Part 5 - Division I Amendments to the Standard Specifications General Provisions for Design-Build Contracts Between Department and Design-Builder November 2016
- Draft Modifications to Part 5\* (rev. 03/31/2022)

\* Final version with exhibits and attachments will be provided with the RFP

# Form C-78 (Attachment 2.10)

- Monitor VDOT's Design-Build RFQ website and Bid Express (bidexpress.com) for any addenda and responses to RFQ questions
- Sign, date, and include the C-78 with SOQ

**ATTACHMENT 2.10**

**COMMONWEALTH OF VIRGINIA  
DEPARTMENT OF TRANSPORTATION**

RFQ NO. C00116394DB109

PROJECT NO.: 6587-000-R89

**ACKNOWLEDGEMENT OF RFQ, REVISION AND/OR ADDENDA**

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

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

1. Cover letter of RFQ –October 21, 2020  
(Date)
2. Cover letter of \_\_\_\_\_  
(Date)
3. Cover letter of \_\_\_\_\_  
(Date)

\_\_\_\_\_  
SIGNATURE DATE

\_\_\_\_\_  
PRINTED NAME TITLE

# Contents of Statements of Qualifications (SOQ)

- **Please read the RFQ carefully and satisfy follow all requirements!**
- **SOQ Checklist – Attachment 3.1.2**
- **Letter of Submittal** **(Section 3.2)**
  - ✓ POC & Principal Officer, Corporate Structure, Lead Contractor and Lead Designer, Surety, Evidence of Prequalification, SCC & DPOR information, etc
  - ✓ Electronic signatures or scanned signatures are acceptable
  - ✓ Commitment to achieving a **10%** DBE participation goal for Phase 1A Services
    - ✓ The specific DBE goal for work to be undertaken in Phase 1B will be developed during Phase 1A.
    - ✓ The specific DBE goal for work to be undertaken in Phase 2 will be developed during Phase 1B.

# Contents of Statements of Qualifications (SOQ)

- **Offeror's Team Structure**

**(Section 3.3)**

- ✓ Key Personnel (4)

- **Project Manager**

- » Responsible for the overall Project design, construction, quality management, and contract administration

- **Design Manager**

- » Responsible for coordinating the design of the Project and overseeing the QA/QC program for all design disciplines

# Contents of Statements of Qualifications (SOQ)

- **Offeror's Team Structure (cont.)**
  - **Lead Estimator**
    - » Responsible for developing quantity take-offs and leading the bottom-up, production-based project estimate ensuring appropriate contingencies and assumptions are used based on the project plans, requirements and specifications at various design milestones
  - **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 assignments and anticipated duration of each assignment

*Format and Appearance of the Key Personnel Resume Form should not be modified*

# 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 Work History Forms should not be modified*

# Contents of Statements of Qualifications (SOQ)

- **Provide sufficient information to enable VDOT to understand and evaluate the experience of the Offeror's team on projects of similar scope and complexity. The Department intends to select an Offeror that best demonstrates the following:**
  - Previous experience delivering projects in developed urban corridors which include interchange reconfiguration
  - Demonstrated ability to limit impacts to the traveling public and affected businesses and communities, including commitments to effective strategies to minimize congestion during construction
  - Demonstrated understanding and/or experience related to complex transportation projects involving early contractor involvement and successful collaboration with the owner

# Contents of Statements of Qualifications (SOQ)

The team proposed by the Offeror shall remain intact throughout the procurement process and, if awarded the contract, the duration of the contract **(Section 11.1)**

- **Project Risks** **(Section 3.5)**
  - ✓ 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 25%
- Experience of Offeror's Team 30%
- Project Risks 30%
- Approach to Progressive Design-Build Process 15%

Total 100%

## Progressive Design-Build Evaluation Guidelines, Revised March 2022

[https://www.virginiadot.org/business/resources/APD\\_Docs/APD\\_Office\\_Page/PDB\\_Evaluation\\_Guidelines\\_-\\_March\\_2022.pdf](https://www.virginiadot.org/business/resources/APD_Docs/APD_Office_Page/PDB_Evaluation_Guidelines_-_March_2022.pdf)

Located on VDOT'S APD Website: <https://www.virginiadot.org/business/design-build.asp>

# Submittal Requirements

## (Section 5)

- Deadline for submitting a Statement of Qualifications (SOQ) is May 27, 2022 at 4:00PM
- SOQ's will only be accepted electronically through Bid Express. SOQ's shall be submitted as a single .pdf which should be no more than 20 megabytes in size.
- The SOQ must be submitted by the Offeror
- 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

- Bid Express requires a paid registration to submit an SOQ
- Deadline for submitting a SOQ is May 27 at 4:00 PM. You can submit and/ or resubmit up until that time. Bid express will not allow submissions after the due date and time.
- It is recommended that you test the submission process in advance of your final submission. Note that VDOT will not have access to an SOQ until after May 27, 2022 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 submittal is April 29, 2022 (4:00 PM)
- Responses will be posted by May 6, 2022 on VDOT's Design-Build RFQ website and Bid Express ([bidexpress.com](http://bidexpress.com))

# Conflict of Interest

## (Section 11.2)

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

- Kimley-Horn and Associates, Inc. (KHA)
- Reynolds, Smith & Hills, Inc. (RS&H)
- Accumark, Inc.

# Conflict of Interest

## (Section 11.2)

- Each Offeror shall identify potential conflicts of interest
  - See Alternate Project Delivery Office Memorandum IIM-APD-2.2 dated November 9, 2017
  - [http://www.virginiadot.org/business/resources/APD\\_Docs/APD\\_Office\\_Page/IIM-APD-2.2\\_Final\\_11-9-2017.pdf](http://www.virginiadot.org/business/resources/APD_Docs/APD_Office_Page/IIM-APD-2.2_Final_11-9-2017.pdf)
- 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
- If VDOT determines there is a COI violation by the Offeror or one of the Offeror's team members, the entire team may be deemed non-responsive and be disqualified from completing the Design-Build procurement for the Project.

