



**I-95 Southbound CD Lanes –
Rappahannock River Crossing**
Stafford County/ City of Fredericksburg, Virginia

RFQ Information Meeting - November 9, 2016

State Project No.	0095-111-259
Federal Project No.	IM-5111(235)
Contract ID No.	C00101595DB94
UPC	101595

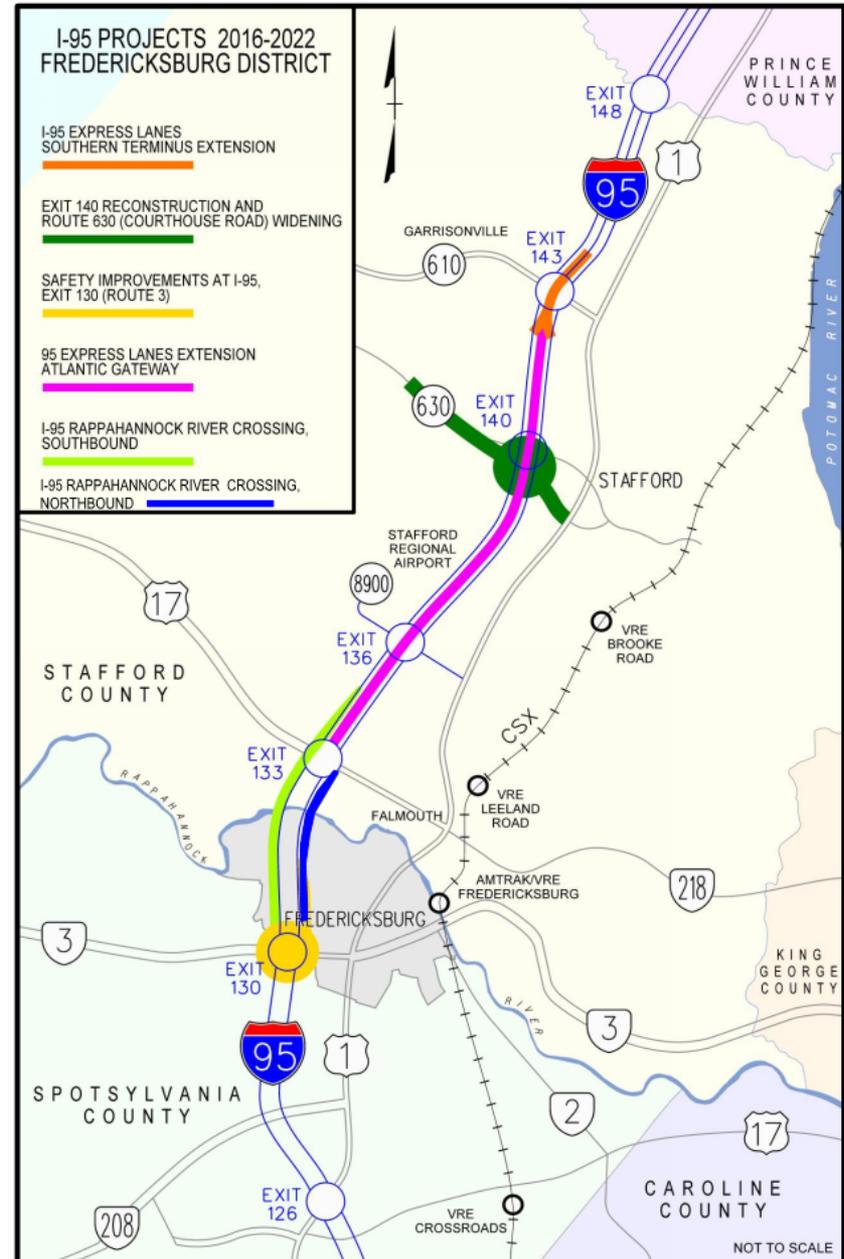
Krishna Potturi, PE – Project Manager
Suril Shah – APD Project Manager - POC

Agenda

- **I-95 Corridor Overview**
- **Environmental Assessment and IMR**
- **Project Overview**
- **RFQ Summary**
- **Questions / Answers**

I-95 Corridor Overview

- **I-95 SB CD Lanes**
- **I-95 Safety Improvements at Route 3 (under procurement)**
- **I-95/ Route 630, Old Courthouse Road (contract awarded)**
- **I-95 Express Lanes – Southern Terminus Ext. (under construction)**
- **I-95 NB CD Lanes (submitted smart scale application)**
- **I-95 Express Lanes Ext. to Exit 133 (preliminary design)**



Environmental Assessment and IMR

- June 2015 – Draft Environmental Assessment approved by FHWA
- June 2015 – Public Hearing
- July 2015 - Interchange Modification Report has been completed by approved by FHWA
- Jurisdictional Determination – Underway; to be available for the short listed firms

Project Overview

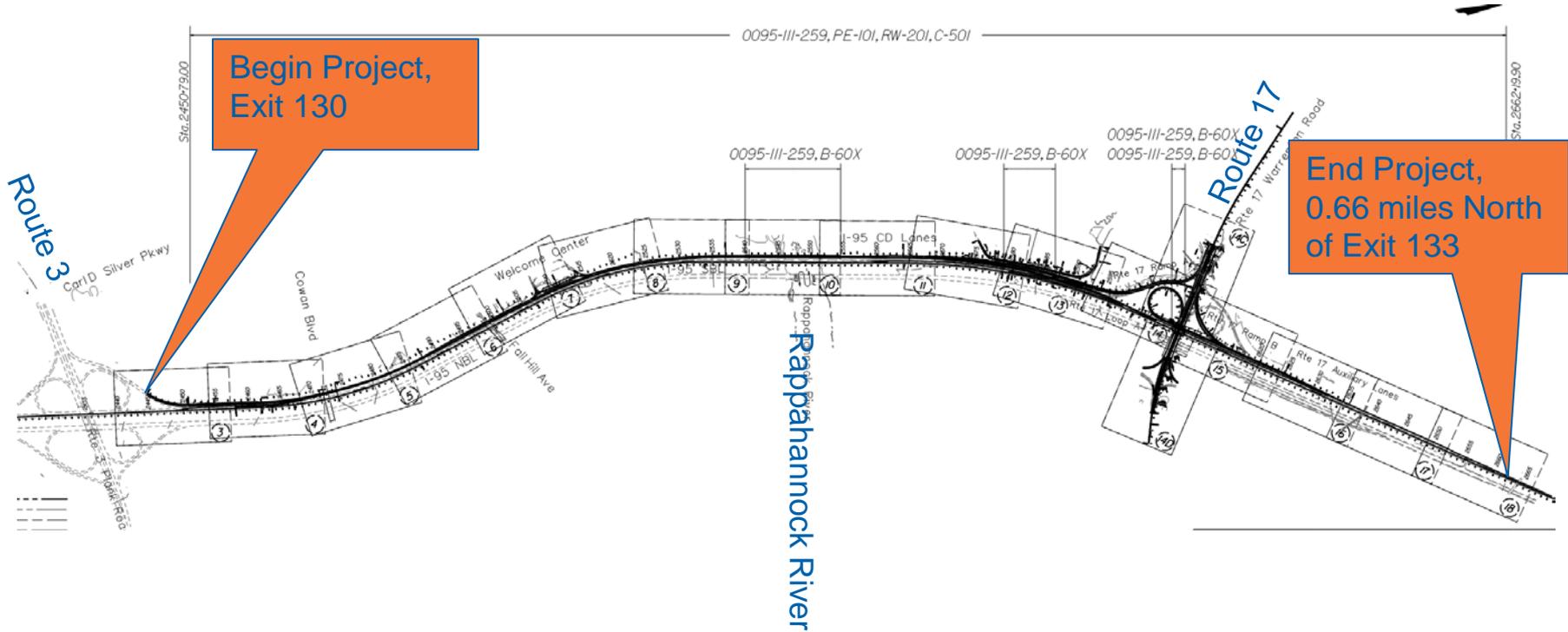
Purpose and Need

- To improve operations and safety
- Provide additional capacity
- Reduce congestion through this section of the I-95

Project Overview

Project Location

I-95 Southbound CD Lanes



Total Project Length = 4 Miles

Project Overview

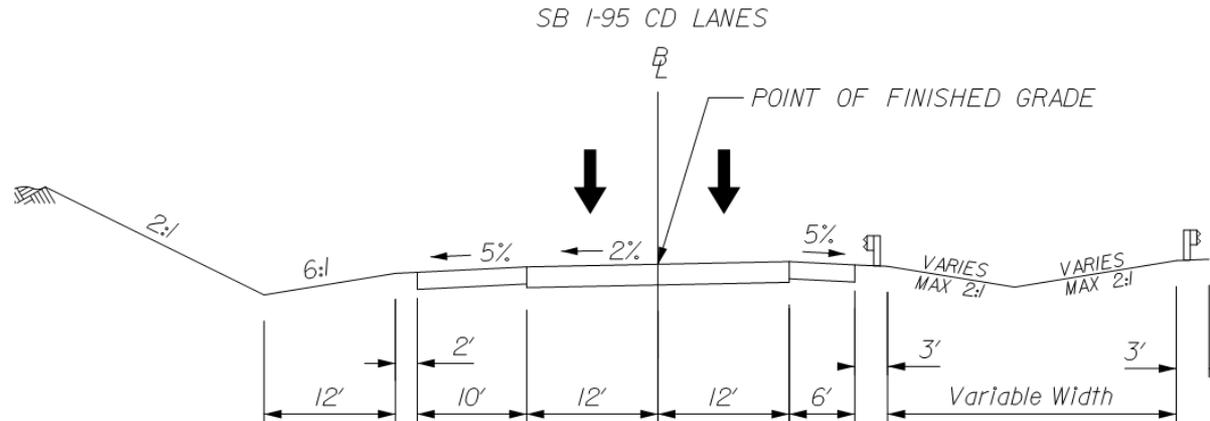
- **I-95 Southbound**

- ✓ Located along I-95 between mile markers 134 and 130
- ✓ Add collector-distributor lanes parallel to the I-95 SB between Exit 133 (Route 17) in Stafford County and Exit 130 (Route 3) in Fredericksburg
- ✓ Construct new bridge over Rappahannock River
- ✓ Modify Route 17 interchange

- **I-95 SB GP Lanes Bridge over Route 17**

- ✓ Option to reconstruct I-95 Southbound Bridge over Route 17

Project Overview



- **Roadway (I-95 Southbound CD Lanes)**

- ✓ Rural Principal Arterial
- ✓ Minimum Design Speed – 60 MPH
- ✓ TC- 5.11R
- ✓ Geometric Standard GS-5

Project Overview

Bridges

- Rappahannock River Bridge
- Braided Ramp at Route 17
- I-95 CD Lanes Bridge over Route 17
- I-95 SB GP Bridge over Route 17 (included as Option)

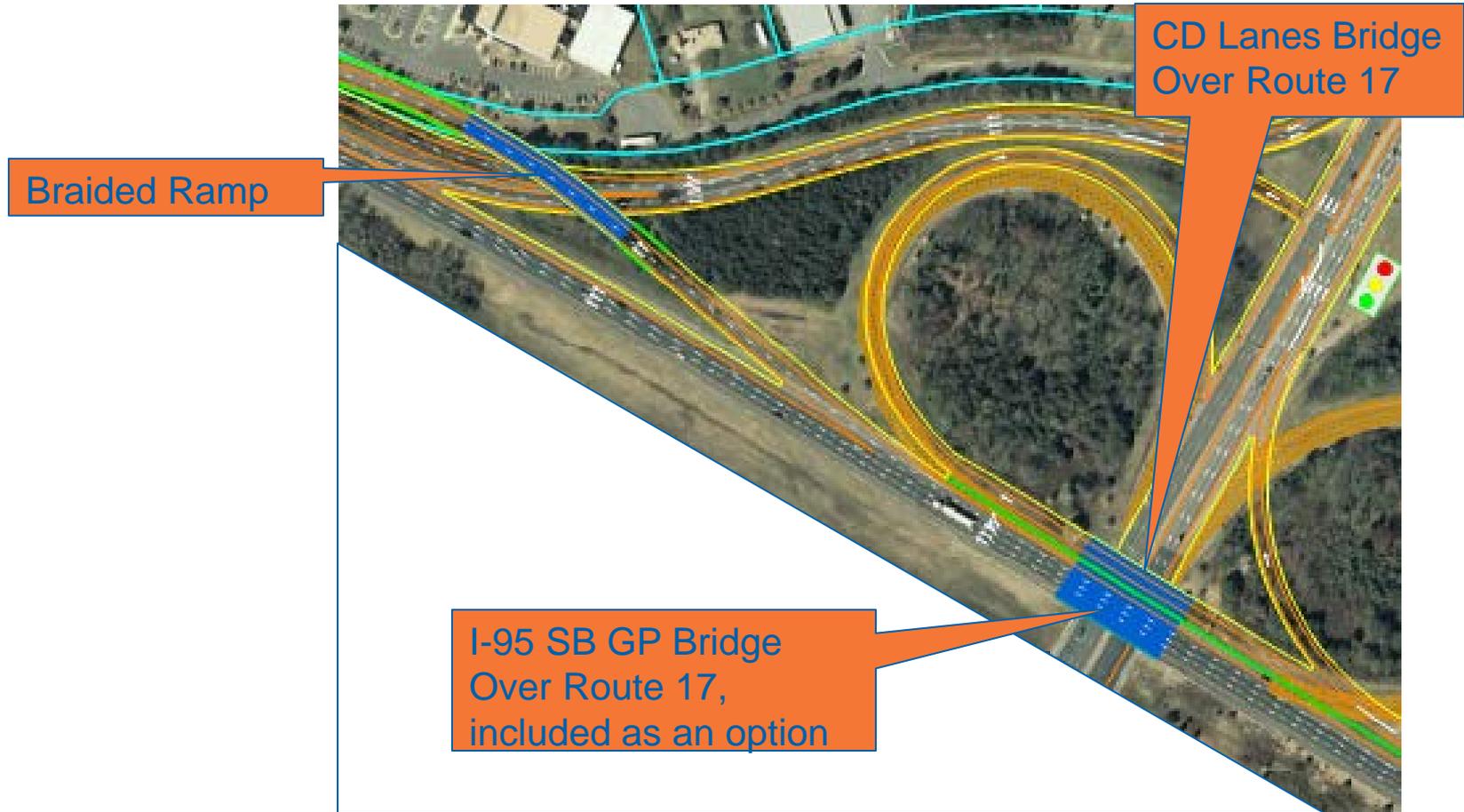
Project Overview

Rappahannock River Crossing



Project Overview

Bridges



Project Overview

Scope (Including but not limited to)

- Roadway
- Survey
- Structure and Bridge
- Environmental
- Geotechnical
- Hydraulics
- Traffic Control Devices
- TMP
- Right-of-way
- Utilities
- Public involvement/
relations
- QA/QC
- ITS
- Construction Engineering
and Inspection

RFQ SUMMARY

- **VDOT POC**

Suril R. Shah

Alternate Project Delivery Division

1401 East Broad Street

Richmond, Virginia 23219

Phone: (804) 225-3799

Fax: (804) 786-7221

E-mail: Suril.Shah@vdot.virginia.gov

- **Two-Phase Best Value Procurement**
- **Short-List 3 Highest Ranked Teams**
- **Estimated Contract Value - \$100,000,000**

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 draft ATC Process and Procedures can be found at VDOT's Design-Build website:
<http://www.virginiadot.org/business/design-build.asp>

Anticipated Schedule (Section 2.5)

- **RFQ Questions to VDOT** **12/01/2016**
- **VDOT Response to Questions** **12/15/2016**
- **SOQ Submission Date** **01/10/2017**
- **Notification of Shortlist** **03/02/2017**
- **Anticipated RFP Release Date** **03/16/2017**
- **Anticipated Award Date** **11/14/2017**
- **Final Completion** **April 2022**

RFQ Information Package (Section 2.8)

RFQ Conceptual Plans

- RFQ Conceptual Roadway Plans
- DGN files (includes topographical survey)

As-Built Bridge Plans

- I-95 SBL over Rappahannock
- I-95 SBL over Rte. 17

Environmental

- Environmental Assessment
- Air Quality Technical Report
- Natural Resources Technical Report
- Preliminary Noise Analysis Report
- Architectural Management Summary
- Cultural Resources Report

Interchange Modification Report

Utility Test Hole Report

FORM C-78 (ATTACHMENT 2.10)

Form C-78-RFQ

ATTACHMENT 2.10

COMMONWEALTH OF VIRGINIA
DEPARTMENT OF TRANSPORTATION

RFQ NO. C00106665DBS2
PROJECT NO.: 0064-965-264

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 04/21/2015
(Date)
2. Cover letter of _____
(Date)
3. Cover letter of _____
(Date)

SIGNATURE	DATE
PRINTED NAME	TITLE

- Monitor VDOT’s Design-Build RFQ website for responses to RFQ questions and Addendums
<http://www.virginiadot.org/business/request-for-qualifications.asp>
- If VDOT issues an addendum, a revised C-78 form will be included with the 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 10% 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
 - Responsible Charge Engineer
 - » Accepts full professional responsibility for engineering decisions relating to the design and the construction of the final work product
 - » The RCE shall report directly to the DBPM with lines of communication to all other Key Personnel
 - 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)

- **Key Personnel (cont..)** **(Section 3.3)**
 - **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)
 - **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
 - » Shall report directly to the DM
- ✓ **Organizational Chart and Narrative**
 - Clear separation between QA and QC staff

Contents of Statements of Qualifications (SOQ)

- **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)**

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)**
 - ✓ 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 Risks	<u>35%</u>
Total	100%

- **Design Build Evaluation Guidelines, Revised May 2014
(On VDOT'S DB Website)**

http://www.virginiadot.org/business/resources/DB_Evaluation_Guidelines_5-27-2014.pdf

Submittal Requirements (Section 5)

- **Deadline for submitting a Statement of Qualifications is January 10, 2017 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 submittal is **December 1, 2016**
- Responses will be posted by **December 15, 2016**

Conflict of Interest (Section 11.2)

- The following firms have been determined to have a conflict of interest:
 - Rummel Klepper & Kahl (RK&K)
 - Stantec
 - Peggy Malone
 - Whitman Requardt & Associates (WRA)
 - T3 Design
 - ECS Mid Atlantic LLC
 - Reynolds Smith and Hills (RS&H), Inc.
 - HDR Inc.
 - Mattern and Craig
 - AECOM
 - Alpha Corporation
 - Butler Matrix LLC
 - FreeAhead, Inc.
 - 360 Consultants
 - Sparqee ITS Inc.
 - **ATCS**

In addition, the I-95 Express Lanes Concessionaire as well as its affiliates, including without limitation 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**
<http://www.virginiadot.org/business/resources/LocDes/IIM-APD-2.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.**

Potential Addendum Items

- In the event the SOQ's of three (3) or less Offeror's are determined to be responsive then those Offeror's could be considered short-listed without the SOQ's being rated and scored by VDOT Evaluation Team.

Section 2.4

- A minimum of two full time lead QA inspectors (One for the bridge construction and one for the roadway construction)

Section 3.2.2

- The Key Personnel shall be employed full time by the respective firms shown on the Organizational chart at the time of submitting SOQs.

Section 3.3.1

- ATCS to be added to conflicted out firms list

Section 11.2

QUESTIONS ??

