



Waxpool Road/Loudoun County Parkway Intersection Improvements

**Pre-Proposal Meeting
Design-Build**

January 11, 2010

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Overview - RFP Documents

- **Part 1 – Instructions to Offerors**
- **Part 2 – Technical Requirements
(Includes RFP Information Package)**
- **Part 3 – Lump Sum Agreement**
- **Part 4 – General Conditions of the Contract**
- **Part 5 – Division I Amendments to the Standard Specifications**

Project Description

- **Construction of Turn Lane Improvements**
- **Modification or Reconstruction of Existing Traffic Signal**
- **Length approximately 1.0 mile**

Part 1 – Instructions to Offerors

Project Overview

Background Information (Section 2.0)

- **No Right of way acquisition**
- **Estimated Contract Value - \$1,750,000**

Part 1, continued

Anticipated Schedule (Section 2.4)

| | |
|---|------------------|
| RFP Questions Due to VDOT | 01/18/10 |
| VDOT Responses to Questions | 01/26/10 |
| Letter of Submittal/Price Proposal Due | 02/10/10 |
| EPDs (Escrow Proposal Documents) | 02/15/10 |
| Open Letters of Submittal/Price Proposal | 02/16/10 |
| Notice of Intent to Award | 02/23/10 |
| CTB Approval/ Notice of Award | 03/18/10 |
| Notice to Proceed | 05/05/10 |
| Substantial Completion | 10/18/10* |
| Final Completion | 11/01/10* |

*Offerors proposed early completion date(s) becomes the contractual project completion date(s)



VDOT Point of Contact

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Part 1, continued

Contents of Proposals (Section 4.0)

- **Letter of Submittal**
- **Offeror's Team Structure**
- **Proposal Schedule**
- **Addenda Acknowledgement (Form C-78)**
- **Pricing Information**

Part 1, continued

Price Proposal (Section 4.3)

- **Lump Sum Amount**
- **Schedule of Values**
- **Monthly Payment Schedule**
- **Proposal Guaranty (Part 5-102.07)**
- **All Required Items Listed Must be Provided**

Part 1, continued

Proposal Evaluation & Responsiveness (Section 5.0)

- **Opened and Read Publicly**
- **Lowest Price**
- **Responsiveness**

Part 1, continued

Other Considerations

- **Questions and Clarifications Must be in Writing (Section 7.0.1)**
- **Questions Received Within Scheduled Timeframe will be answered (Section 7.0.2)**
- **Conflict of Interest (11.2.6)**
- **DBE Participation Goal is 10% (Section 11.5)**
- **No Trainees/Apprentices are Required (Section 11.6)**
- **Escrowed Proposal Documents (Section 11.7)**

Part 2 – Technical Requirements

Roadway Design

Geometric Design

- Proposed lane configuration, turn lane lengths as shown
- 11.5 ft min lane widths (approved waiver)
- Accommodate simultaneous opposing left turns
- Note Design Vehicle requirements
- Northbound approach (Parkway) – mill / overlay & re-stripe
- Close median opening west of the Parkway

Roadway Design, continued

Traffic Signal Modifications

- For bidding purposes, assume that existing signal equipment (including poles, foundations, and mast arms) can be incorporated in the completed project.
- This will be verified by Design-Builder during scope validation period, and adjustments made as necessary.
- New controller and cabinet will be provided to Design-Builder at no cost by VDOT *if needed*.
- Existing signal timing data is in RFP Info Package.
- Design-Builder will develop proposed timing and submit to VDOT for review and approval.

Environmental

- **Environmental Commitments**
- **Water Quality Permits - None**
- **Design changes may require additional studies, coordination**



Survey

- **Design-Level Survey – VDOT**
- **Updates - VDOT**

Geotechnical

Geotechnical Engineering Data Report

- **Validate and Augment Data/Design Provided**
- **Minimum Pavement Sections**
- **Geotechnical Engineering Considerations during Design and Construction**

Hydraulics

Drainage design

- Limited expansion of storm drain systems
- Tie to existing storm drains /structures
- Storm Water Management – new facilities not req'd
- Erosion & Sediment Control
- Prevent flood hazards on adjacent properties

Traffic Control Devices

- **Signs**
- **Signals/Signal Timings (see above)**
- **Pavement Markings/Markers**
- **Guardrail**
- **Transportation Management Plan**
- **Restrictions**

Right of Way and Utilities

- Right of Way Acquisition - None
- Utilities
 - Minor adjustments only anticipated, e.g. raise MH cover

Quality Assurance/Quality Control

- **QA/QC Plans for both Design and Construction**
- ***Minimum Quality Assurance and Control Requirements for Design-Build and Public-Private Transportation Act Projects***
- **VDOT to Review Submitted Plans in 21 Days**
- **Written Approval of Modifications to be attached to Plans Submitted**
- **Construction Plans to be approved by Chief Engineer**

Quality Assurance/Quality Control, Cont.

- Offeror has total QA/QC Responsibility
- Independent Firm to perform Sampling and Testing of Materials
- Offeror's QAM report directly to DB Project Manager
- Detailed Recordkeeping – A Must!

Other

- **Field Office**
- **Public Involvement/Relations**
- **Plan Preparation**
- **VOSH (Virginia Occupational Safety and Health)**
- **ARRA (American Recovery and Reinvestment Act)**

Part 3- Lump Sum Agreement

- **Liquidated Damages** (Article 5.6)
- **No Early Completion Bonus** (Article 5.8)
- **Price and Adjustments** (Article 6)
- **Asphalt, Steel, and Fuel**
- **Payment** (Article 7)
- **Schedules** (Article 11.1)
 - Proposal, Baseline, Updates

Part 4- General Conditions

Design-Builder Responsibilities (Article 2)

Scope Validation Period (2.2.1)

- **30 days from Date of Commencement**
- **Verify and Validate Proposal**
- **Identify Errors**
- **Notify VDOT in Writing Within Time Period**

VDOT Responsibilities (Article 3)

Part 4, continued

- **Governmental Approvals (Article 2.6)**

**No Work Commences Until Approvals for the
Relevant Work have been received (2.6.2)**

Work Must comply with Approvals (2.6.3)

- **Changes to Contract Work, Time (Article 9)**

Part 5- Amendments to Specs

Division I Amendments to the Standard Specifications

- **Proposal Guaranty** (Section 102.07)
- **Bonds and Insurance** (Section 103)
- **Value Engineering** (Section 104)
- **Control of Work** (Section 105)
- **Prosecution of Work** (Section 108)
- **Labor Rates** (Section 109.11)

Questions

<http://www.virginiadot.org/business/request-for-proposals.asp>