



**Hampton Roads Bridge Tunnel Expansion Project
Major Business Terms
to
Commonwealth Transportation Board
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Overview of HRBT Expansion Project

- Settlers Landing in Hampton to I-564 Norfolk (10 Miles)
- I-64 improvements include 6 lanes of highway and construction of 4 lane bridge/tunnel
- New 4 lane HRBT tunnel will carry EB traffic
- 2 existing tunnels will carry WB traffic
- Replace existing marine approach bridges
- I-564 Direct Ramps (included as Option)
- Project Estimate: \$3.66B



Update on Project Activities

- **NEPA SEIS Re-Evaluation**
 - **Managed Lane (HOT), I-564 Improvements, Willoughby CN Staging**
 - **Citizen Information Meetings June 19-20, 2018**
 - **Awaiting FHWA action**
- **Design Public Hearing**
 - **Design Public Hearings held Aug 15-16, 2018**
 - **Over 200 people attended hearings**
 - **30 Day Comment Period ended Sept 16, 2018**
 - **Design Approval anticipated Oct 2018**
- **Agency Coordination**
 - **FHWA Risk Workshop Sept 6, 2018**
 - **Federal & State Permit Agencies, Impacted Utility Companies, Maritime Agencies, USCG, US Navy**

D-B Procurement (PPTA vs VPPA)

VDOT has the authority to pursue a Design-Build (D-B) procurement under both the PPTA or VPPA:

- **Current VDOT D-B (VPPA) template was not developed to handle a project of HRBT magnitude**
- **PPTA provides contractual flexibility for complex risk profile (significant construction and geotechnical risk)**
- **PPTA encourages innovation through extensive use of Alternative Technical Concepts (ATCs) process**
- **PPTA provides for iterative process that invites feedback and collaboration from the proposers in order to develop more responsive procurement documents**

Key Policy Considerations

- **Best Value Approach to Procurement**
 - Price is a key factor but not necessarily determinative
 - Proposal scoring weighted 60% price and 40% technical to reflect the technical complexity of Project
- **Alternative Technical Concepts (ATCs)**
 - Emphasis on innovation and increasing value
 - Solutions that reduce scope or quality are not allowed
- **Manage Financial Exposure Prior to Issuance of Key Permits**
 - No notice to proceed for construction until necessary permits are obtained
- **Minimize Construction Impact and Duration**
 - Incentivize early completion of construction
 - Liquidated damages for late completion and non-permitted lane closures

Major Business Terms

– Design and Construction

- Fixed price, date certain contract between VDOT and Design-Builder

– Governmental Approvals

- VDOT to obtain NEPA approvals, CTB approvals, and approvals by FHWA relating to “mega projects”
- Design-Builder responsible for obtaining all other governmental approvals (including permits), including any re-evaluation of the NEPA approvals required in order to implement Design-Builder’s approved ATCs

– Limited Notice(s) to Proceed

- Only specified “Early Work” (including design, procurement of tunnel boring machine, limited site preparation) may be undertaken prior to the issuance of key permits
- Use of limited notice(s) to proceed enables VDOT to advance the Project prior to issuance of key permits while limiting its financial exposure

Major Business Terms

– Right-of-Way Acquisition

- VDOT to obtain and provide Design-Builder with access to the right-of-way within which work will be performed based on VDOT's concept plans for Project
- Design-Builder responsible for risks relating to the acquisition of additional right-of-way required because Design-Builder's final design deviates from VDOT's concept plans for Project
- Acquisition of right-of-way is expected to be limited as VDOT's concept plans show that vast majority of construction work can be completed within VDOT's existing right-of-way

– Schedule and Cost Relief

- Design-Builder entitled to schedule and/or cost relief only due to the occurrence of specified events

– Differing Site Conditions

- **Market-tested approaches to reduce contingency:**
 - "Scope Validation" mechanism to be used to manage risks relating to differing site conditions encountered during roadway and bridge work
 - Geotechnical data report and geotechnical baseline report being developed to manage risks relating to differing site conditions encountered during tunnel excavation

Procurement Milestones

ACTIVITY	DATE
PPTA Steering Committee	Dec 12, 2017
RFQ Issued	Dec 15, 2017
Shortlist Announced	Apr 26, 2018
PPTA Steering Committee	May 9, 2018
Draft RFP Release	May 22, 2018
Proprietary/ATC Meetings #1	Jun 11-12, 2018
Proprietary/ATC Meetings #2	Jul 17-18, 2018
Proprietary/ATC Meetings #3	Aug 7-8, 2018
Proprietary/ATC Meetings #4	Sept 10-11, 2018
Final RFP Release	Sept 27, 2018
Proprietary/ATC Meetings #5	Oct 23-24, 2018

Procurement Milestones

ACTIVITY	DATE
Addenda to Final RFP	Nov 8, 2018
Technical Proposal Submission	Dec 17, 2018 at 5:00 PM
Price Proposal Submission	Jan 24, 2019 at 5:00 PM
Selection of Best Value Proposal	Jan 2019
CTB Briefing	Feb 2019
PPTA Statutory Audit	Feb 2019
Execute Comprehensive Agreement	Mar 2019
PPTA Steering Committee	NLT 60 days from execution of CA
Contractor LNTP	Mar 2019
Project Complete	Nov 2025



**THE
END**