



**State of Rhode Island  
Department of Administration / Division of Purchases  
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**ADDENDUM #6**

**RFP # 7551608      TITLE: DESIGN BUILD SERVICES FOR THE WOOD RIVER VALLEY  
BRIDGE NO. 404**

**OPENING DATE AND TIME: 6/21/17 – 11:30 A.M.**

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**See attached.**

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**Lisa Hill  
Chief Buyer**

June 7, 2017

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATION DEPARTMENT OF ADMINISTRATION  
DIVISION OF PURCHASES **BID NO. 7551608**

RHODE ISLAND DEPARTMENT OF TRANSPORTATION RHODE ISLAND CONTRACT NO.2017-DB-019  
FEDERAL-AID PROJECT NO. FAP Nos: BH0-0404(001)

**Wood River Valley Bridge No. 404, I-95 North & South (7T-A)**

CITY/TOWN OF Hopkinton  
COUNTY OF Washington

NOTICE TO PROSPECTIVE BIDDERS

ADDENDUM NO. 6 Prospective bidders and all concerned are hereby notified of the following changes in the Plans, Specifications, Proposal and Distribution of Quantities for this contract. These changes shall be incorporated in the Plans, Specifications, Proposal and Distribution of Quantities, and shall become an integral part of the Contract Documents.

**A. Contract Documents**

1. Volume 2 – Project Technical Requirements, Page 11 of 55

Revise bullet point 'c' **Live Load** as shown in the attached document.


2. Volume 2 – Project Technical Requirements, Page 25 of 55

Revise bullet points 'b' and 'c' as shown in the attached document.

3. Job Specific Specification Code 101.71

Add Job Specific Specification Code 101.71 – Substantial Completion to the Contract Documents as attached.

ADDENDUM NO. 6

  
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Administrator, Division of Project Management

The latest NBIS bridge inspection reports and load rating report are being provided to the DB-Contractor. The reports are for informational purposes and bidding only. For the top of existing reinforced concrete deck, where no inspection information is available, the DB-Contractor shall assume two percent (2%) of the deck area will require repair. No claim will be considered if the DB-Contractor underestimates the required repair quantities.

Based on the current scope of work a geotechnical / subsurface investigation is anticipated for the proposed BMP location(s) for this project. The RIDOT does not anticipate the need to obtain any required Right-of-Way based on the Scope in this RFP; however, the DB-Contractor will be responsible for any right-of-way modifications resulting from either design modifications or construction issues. The RIDOT anticipates processing this project as a NEPA Categorical Exclusion (CE) as part of the process being completed for the associated "Rhode Works Toll Facilities – Design, Build, Operate and Maintain" Project.

The DB-Contractors obligations shall include without limitation at least the following:

**1. Bridge Rehabilitation/Strengthening**

- a. General** – Bridge rehabilitation/strengthening as described above and in Volume 1 of this RFP.

The bridge shall be rehabilitated and strengthened such that it shall achieve a design/rating factor of 1.0 under AASHTO HL-93 loading criteria.

- b. Geometry** – The horizontal alignment of I-95 is not to be modified, with the exception of minor changes to the final lane striping. The vertical profile of I-95 is proposed to be lowered as shown in the BTC Plans on the RFP CD. The proposed roadway shall have a crown line between the two travel lanes with 2% cross slope on the travel lanes and 3% cross slope on the shoulders. Across the bridge the proposed roadway shall have a crown line between the two travel lanes with 2% cross slope on the travel lanes and 2% cross slope on the shoulders. The proposed curb-to-curb roadway width on each barrel of the bridge shall be increased to 42.5 feet based on the reduced width of the new bridge parapets. The DB-Contractor shall provide final bridge geometry including all elevations, plan dimensions, top of deck elevations, etc. All survey shall be provided by the DB-Contractor as necessary to complete the Project.

- c. Live Load**- The DB-Contractor's attention is directed to the following minimum live load design requirements of the RIDOT Bridge Design Manual:

Bridge Design Loading:                      AASHTO HL-93

~~Live Load deflection criteria:                      L/1100~~

1. **Bridge Rehabilitation**– As part of the project requirements, the DB-Contractor must submit a complete submittal package for the bridge rehabilitation to the RIDOT for review and approval. The DB-Contractor shall be responsible for submitting the following bridge submittals:

- Twenty-five percent (25%) Plans and Special Provisions.
  - Ninety percent (90%) Plans and Special Provisions.
  - IFC (Issued for Construction) Plans and Special Provisions
  - Shop Drawings and Working Drawings.
  - As-Constructed Plans submittal (which includes electronic files in AutoCAD format placed on CD). Files shall be named per the RIDOT CAD Standards.
  - Final bridge calculations book submitted with the As-Constructed submittal.
  - As-Constructed load-rating report.
- a. **25% Submission:** Due to the on-going NEPA process (under separate contract) the DB-Contractor shall only progress the design to a 25% level. While there is no official submission requirements for a 25% design submission the DB-Contractor shall reference RIDOT Design Policy Memo (DPM) 450.02 and adjust the 30% submission requirements as necessary to complete the 25% package.
- b. **Ninety percent (90%) Submission:** DB-Contractor shall submit Ninety percent (90%) plans and specifications in accordance with RIDOT Design Policy Memo (DPM) 450.02. ~~PS&E Submission: DB Contractor shall submit PS&E Plans and Specifications for all structural elements in accordance with the RIDOT DPM requirements for plans, specifications and estimate (PS&E) submissions.~~
- c. **IFC (Issued for Construction) Submission:** Upon approval by RIDOT of the ~~PS&E~~ 90% Submission(s) the DB-Contractor shall make an IFC submission to RIDOT of the approved Plans and Specifications for the Project records. The IFC plans shall constitute Project Records and shall be signed by, and stamped with the seal of a Design Professional Engineer registered in the State of Rhode Island.
- d. **Shop Drawings and Working Drawings:** The DB-Contractor's construction team shall generate shop and working drawings as necessary to clearly define, control, construct, and inspect the Work. These working drawings shall be sent back to the DB-Contractor's engineering team for review and internal approval. All such drawings shall be prepared by a Professional Engineer registered in the state of Rhode Island, and shall be stamped Approved For Construction and signed by the DB-Contractor's engineering team prior to them being considered approved.

The DB-Contractor shall consult with RIDOT as necessary, in the review of shop and working drawings, and shall coordinate the preparation, submittal and review of all

**JOB SPECIFIC**

**CODE 101.71  
SUBSTANTIAL COMPLETION**

**101.71 SUBSTANTIAL COMPLETION.** Substantial completion is when the Work is completed so it can be safely and effectively used by the public. This may include the entire Project or a unit, or portion of the Work such as a structure, an interchange, or section of road or pavement.

Except as provided by other provisions in the Contract, after notice by the Contractor, Substantial Completion occurs at the point when the Engineer determines that the following Work (as applicable) has been finished:

- 1) All courses of pavement are completed;
- 2) Curbing and sidewalks are placed;
- 3) All project drainage is completed;
- 4) All project stormwater BMP's are completed;
- 5) Guardrail, terminal sections, median barriers, and bridge barriers are properly installed;
- 6) Permanent pavement markings are completed;
- 7) Traffic signal systems meet the following requirements:
  - a) Isolated traffic signals - the signal control equipment is fully programmed, detectors are installed and functioning, and the signal is in actuated operation;
  - b) Coordinated traffic signal systems - the requirements of condition (a) are met, the interconnect is installed and functioning, and the signals are operating as a coordinated system;
  - c) Closed loop signal systems - the conditions of (a) and (b) are met, the communications link is operating, and the monitoring functions, including system and intersection graphics, are installed and operating at the Department's monitoring stations;
- 8) Regulatory and warning signs are installed;
- 9) Highway lighting is operational;
- 10) All concrete repairs are completed;
- 11) All FRP wrap has been completed;

12)All bearings have been replaced.

The parties may agree that any incomplete contract Work, including but not limited to landscaping, erosion control measures, or Final Cleanup, not listed in 1-12 above shall be completed on the Punch List, which is defined in Section 101 in the Specifications.