



State of Rhode Island  
Department of Administration / Division of Purchases  
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**ADDENDUM #3**

RFP # 7565492

TITLE: DESIGN BUILD SERVICES FOR I-295 BRIDGES CONTRACT 2  
(JOHNSTON)

SUBMISSION DEADLINE: DECEMBER 13, 2017 – 11:30 A.M.

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See attached revisions.

*Lisa Hill*

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Lisa Hill  
Chief Buyer

November 22, 2017

STATE OF RHODE ISLAND AND PROVIDENCE PLANTATIONS  
DEPARTMENT OF TRANSPORTATION  
DIVISION OF PURCHASES BID NO. 7565492  
RHODE ISLAND CONTRACT NO. 2017-DB-028  
FEDERAL AID PROJECT NO.: BRO-2950(002)

I-295 Bridges Contract 2 (Bridges 736, 737, 757)  
Superstructure Replacement Bridge Nos. 737 & 757  
And Removal of Bridge No. 736

TOWN OF JOHNSTON

COUNTY OF PROVIDENCE

**NOTICE TO PROSPECTIVE BIDDERS**

**ADDENDUM NO. 3:**

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. Part A – Instructions for Respondents**

- a. Delete page no. 5 in its entirety and replace with revised page no. 5 attached to this Addendum No. 3.

**B. Part B – Technical Requirements**

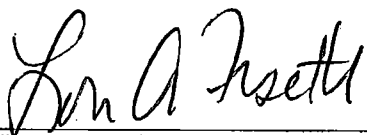
- a. Delete page nos. 2, 20 and 20-1 in their entirety and replace with revised page nos. 2, 20 and 20-1 attached to this Addendum No. 3.

**C. Part D, Appendix A – Existing Information**

- a. The following document is added to the Existing Information and is attached to this Addendum No. 3:
  - i. Bridge Abutment - Dead Load Reactions

**D. Required Forms**

- a. The following documents are added to the Required Forms and are attached to this Addendum No. 3:
  - i. DBE Letter of Intent
  - ii. DBE Schedule of Participation

  
\_\_\_\_\_  
RI Department of Transportation  
Manager, Project Management

**ADDENDUM NO. 3  
ATTACHMENTS**

### 2.3 Project Milestone Schedule

RIDOT currently anticipates conducting this procurement in accordance with the following list of milestones. This schedule is subject to revision and RIDOT reserves the right to modify this schedule as it finds necessary, at its sole discretion.

Advertise RFP	September 20, 2017
Deadline for Questions & Comments	December 6, 2017 @ Midnight
Proposal Submission Date	December 13, 2017 (11:30 AM)
Evaluate Technical Proposals (Score and Rank)	January 12, 2018 (Estimated)
Open Price Proposals	January 19, 2018 (Estimated)
Notice of Tentative Award	February 9, 2018
Notice to Proceed	March 23, 2018
Substantial Completion	June 10, 2020

Respondents are on notice that any earlier completion date(s) identified by Respondent in response to this RFP will be deemed by RIDOT as the contractual completion date(s) for this Project.

### 2.4 Online Proposal Questions

**There will be NO point of contact at RIDOT who will directly answer questions either in person, through e-mail, or by telephone.**

Any pertinent questions subsequent to this solicitation must be posted at RIDOT'S "Bidding Opportunities" web page accessible at: <http://www.dot.state.ri.us/contracting/bids> and follow the link to "?" to submit questions for this solicitation. Interested parties must disclose their name / company affiliation along with posted inquiry; responses to questions submitted for the subject Project will also be posted under the same questions menu.

A determination will be made by RIDOT, in coordination with the RIDOA/ Division of Purchases, whether an addendum will be required. The Q & A Forum will be disabled **SEVEN (7) FULL CALENDAR DAYS** prior to the due date for this Project. **Therefore, questions will not be accepted after Midnight on December 6, 2017.**

### 2.5 RFP Documents

The RFP and Project Specific Documents are available for download from the *Rhode Island Vendor Information Program*, or "RIVIP" as it is known at:

<http://www.purchasing.ri.gov>

All Plans, Specifications, Reports, etc. are provided for reference use only. The BTC was developed to represent RIDOT preferences and to establish the minimum baseline requirements that must be equaled or exceeded by the DB Entity. All DB Entities acknowledge by receipt of such plans that they explicitly understand that while these plans have been advanced to the level shown by RIDOT, the DB Entity will be required to provide a final, complete project design that is stamped and sealed by its own designer of record, for review and approval by RIDOT and possible third parties. RIDOT makes no representations

**PART B – PROJECT TECHNICAL REQUIREMENTS**

- A long term closure of the following ramps will be allowed:
  - Route 6/6A (Hartford Ave.) Westbound to I-295 Southbound
  - I-295 Northbound to I-295 Southbound

Refer to Section 2.11 below for more detailed temporary traffic control requirements.

- Work on Bridge No. 73621 which requires lane closures on I-295 shall be completed during weekend periods only. Ramp and mainline traffic must be maintained during all weekday periods. The Route 6 Westbound ramp to I-295 Southbound ramp to I-295 Southbound may be closed on weekend periods only during Stage 4 and Stage 5 for removal of Bridge 73621.
- Pedestrian access shall be maintained along U.S. Route 6/6A (Hartford Ave.) throughout construction. Short term restrictions may be allowed with prior approval from RIDOT and the Town of Johnston. Two week advance notice for any short term closures is required.
- RIDOT reserves the right to require the D/B Team to modify the traffic control setup in the field to improve traffic conditions.
- Restore all existing areas disturbed by construction activities within the project limits to pre-construction conditions or better and to the satisfaction of the Engineer.

The Respondent should note that the minimum pavement sections required by RIDOT are provided herein. The intent is to match the existing pavement section at a minimum. All paving work shall be in accordance with the RIDOT Standard Specifications.

The D/B Team will be responsible for providing Construction Quality Control at the Construction Contractor level and for providing a complete Quality Control program for all engineering and design. The Construction Quality Control function is to assess and adjust design, production and construction so as to control the level of quality being produced in the Project. The purpose of Construction QC is to measure those quality characteristics and to inspect those activities that affect the production at a time when corrective action can be taken to substantially decrease the likelihood that appreciable non-conforming material will be incorporated in the Project.

The D/B Team is responsible for furnishing and installing certain elements necessary for the relocation of utilities such as conduit, manholes, etc. The respective utility companies will perform the actual relocation of their lines (temporary and/or permanent relocations.) The Contractor shall coordinate with the utility companies as required throughout construction. The Contractor shall ensure that the existing and proposed utility lines are protected from damage throughout construction. Refer to Section 2.14 for additional information regarding the protection and relocation of utilities.

RIDOT will not obtain any environmental permits prior to award. The D/B Team will be responsible for preparing all environmental permit applications required as part of their design and construction activities. RIDOT will review/request revisions as appropriate, and as owner, is required to officially submit all complete applications to the respective regulatory agencies.

RIDOT has prepared and submitted a CE Checklist to satisfy the NEPA requirements for this project. The Categorical Exclusion will be issued for this project prior to the issuance of the Notice to Proceed for the DB Entity.

Any changes in scope or footprint proposed by the D/B Team, which are acceptable to RIDOT, may require additional environmental technical studies and analysis. The NEPA documentation (CE Checklist) provided for this project will be re-examined by RIDOT at each change in design phase (i.e. at the onset of final design, 75/90% and PS&E) based on the D/B Team's design.

**PART B – PROJECT TECHNICAL REQUIREMENTS**

The Project scope of work shall include all required modifications to existing signs and sign structures and all required new signs and structures. Any signs on adjacent roadways that require relocation/ replacement due to construction activities shall be the responsibility of the D/B Team. The D/B Team shall prepare an existing sign inventory that shall be completed prior to site demolition. This existing information shall be submitted at the same time as the first plan submittal for proposed signing. The D/B Team shall design all proposed sign panels in accordance with the latest edition of the MUTCD.

The D/B team shall relocate and replace the two signs on bridge 073701 (“Freeway Ends 800 Feet” and “295 South Warwick”) and the one sign on 075721 (“295 North, Woonsocket, No Attleboro, Next Left). The signs shall be installed on appropriate overhead sign supports located 25-50 ft. in advance of each bridge. The design, fabrication, and installation of the supports and signs shall be performed by the DB team. The Legend and size of the signs shall match the existing signs.

**2.11.2 Pavement Markings**

The D/B Team shall provide, install and remove all required pavement markings. All permanent edge lines, and centerlines shall be Epoxy Resin. All temporary pavement markings shall be temporary waterborne pavement markings. The D/B Team shall furnish, apply, and maintain temporary waterborne pavement markings within the project limits and approaches to work zones. If temporary pavement markings will remain in place through a winter shutdown or winter months, the waterborne pavement markings are to be replaced with epoxy markings. All pavement markings (temporary and permanent) are to be eradicated by the D/B Team when they conflict with other pavement markings or are no longer applicable.

**2.11.3 Video Camera Lowering Devices**

The D/B Team shall replace one Analog Video Camera Lowering Device with a new IP Digital Video Camera Lowering Device and replace the existing Radar Vehicle Detector with a new HD Radar Vehicle Detector as well as furnish a new Hardened Fiber Ethernet Switch with SFP Fiber Optic Transceivers at the following location: **I-295 South at Exit 6 Traffic Camera.**

The D/B Team shall replace the existing Radar Vehicle Detector with a new HD Radar Vehicle Detector as well as furnish a new Hardened Fiber Ethernet Switch with SFP Fiber Optic Transceivers at the following location: **I-295 North at Exit 6 Traffic Camera.**

The D/B Team shall take note of the following:

- The old Analog Video Camera Lowering Device that is removed shall be salvaged and delivered to the RIDOT Traffic Management Center.
- The D/B Team shall install one 1¼-inch PVC conduit inside the Camera pole per the instructions of the camera lowering device manufacturer
- The D/B Team shall install a new CAT6 STP, network cable in the existing Video Camera pole, through the underground conduit, with one end terminated in the existing video camera equipment cabinet and the other end connected to the new IP Camera lowering device.
- The D/B Team shall provide one license for each RVD; this shall be purchased through the RIDOT Traffic Management Center’s central software provider Wavetronix, or authorized reseller.
- The D/B Team shall provide all necessary traffic control to complete this work.
- All work shall be completed in accordance with the Job Specific specifications for:

**PART B – PROJECT TECHNICAL REQUIREMENTS**

- T12.9903 - Remove Existing Camera Lowering Device and Furnish and Install new IP Camera Lowering Device on Existing Pole
- T12.9912 – Furnish and Install Hardened Ethernet Switch With SFP Fiber Optic Transceivers
- T13.9901 – Radar Vehicle Detector and Ancillary Components

**2.11.4 Illumination**

All underbridge illumination, at bridge Nos 737 and 757 shall be replaced with new underbridge luminaires that comply with current RIDOT standards.

**2.12 Maintenance and Protection of Traffic Plan**

The bridge superstructures are to be replaced in two (2) stages as depicted on the BTC Plans, except that Bridge No. 73721 shall be replaced in three (3) stages. Two through lanes of traffic shall be maintained on I-295 in each direction except for short term lane closures during off peak periods. A travel lane in each direction shall be maintained along U.S. Route 6. Two travel lanes in each direction shall be maintained along U.S. Route 6/6A (Hartford Ave.) except for short term closures with approval from RIDOT and in coordination with the Town of Johnston.

The following travel lane restrictions, at a minimum, are allowed (More extensive lane restrictions may be allowed in combination with alternate ABC methods that occur over a shorter duration. RIDOT approval will be required.):

I-295 Northbound and I-295 Southbound

- Maintain a minimum of three travel lanes on I-295 southbound south of the ramp from I-295 NB / U.S. Route 6 WB to I-295 SB from 6:00AM – 9:00PM, Monday through Friday;
- Maintain a minimum of two travel lanes in each direction 6:00AM - 9:00PM, Monday through Friday;
- Maintain a minimum of two travel lanes in each direction from 9:00PM Friday through 9:00PM Sunday;
- Maintain a minimum of one travel lane in each direction 9:00PM - 6:00AM, Sunday through Thursday
- Long term closure of the ramp from I-295 NB to I-295 SB

U.S. Route 6

- Maintain one lane of traffic in each direction at all times.
- The ramp for U.S. Route 6 Westbound to I-295 Southbound may be closed for two weekend periods, from 9:00PM Friday through 6:00AM Monday, for removal and reconstruction of the I-295



**Bridge 073721**  
**Abutment Girder Reactions**

Computed By                     HKB                      
 Date                     11/17/2017                      
 Checked By                     RGW                      
 Date                     11/20/2017                    

UNFACTORED GIRDER REACTION (KIPS)									
Bridge 073721 Mainline Structure					Bridge 073721 Ramp Structure				
Girder No.	Abutment 1		Abutment 2		Girder No.	Abutment 1		Abutment 2	
	DC	DW	DC	DW		DC	DW	DC	DW
G1	87.20	13.91	50.55	8.88	G1	58.94	9.30	40.31	7.89
G2	73.11	13.54	37.38	8.45	G2	56.97	8.61	39.75	7.41
G3	70.15	13.77	37.29	8.58	G3	58.11	8.96	39.83	7.30
G4	68.53	13.75	36.94	8.71	G4	60.67	10.32	41.01	8.23
G5	67.93	13.79	37.54	8.69					
G6	65.18	13.55	37.51	8.17					
G7	68.06	13.90	43.96	8.59					
<b>Total</b>	<b>500.2</b>	<b>96.2</b>	<b>281.2</b>	<b>60.1</b>	<b>Total</b>	<b>234.7</b>	<b>37.2</b>	<b>160.9</b>	<b>30.8</b>



**Bridge 073701**  
**Abutment Girder Reactions**

Computed By HKB  
 Date 11/17/2017  
 Checked By RGW  
 Date 11/20/2017

UNFACTORED GIRDER REACTION (KIPS)									
Bridge 073701 Mainline Structure					Bridge 073701 Ramp Structure				
Girder No.	Abutment 3		Abutment 4		Girder No.	Abutment 3		Abutment 4	
	DC	DW	DC	DW		DC	DW	DC	DW
G1	73.18	13.16	42.86	8.15	G1	85.96	13.78	49.34	8.23
G2	71.30	13.61	36.11	7.77	G2	74.93	13.42	39.73	7.98
G3	64.60	12.99	36.01	7.96	G3	70.28	13.23	39.46	8.11
G4	68.01	13.20	35.61	7.92	G4	72.19	13.93	39.76	8.02
G5	69.36	13.17	37.70	7.60					
G6	81.27	13.30	45.70	7.87					
<b>Total</b>	<b>427.7</b>	<b>79.4</b>	<b>234.0</b>	<b>47.3</b>	<b>Total</b>	<b>303.4</b>	<b>54.4</b>	<b>168.3</b>	<b>32.3</b>





**Bridge 075721**  
**Abutment Girder Reactions**

Computed By HKB  
 Date 11/17/2017  
 Checked By RGW  
 Date 11/20/2017

UNFACTORED GIRDER REACTION (KIPS)									
Bridge 075721 Mainline Structure					Bridge 075721 Ramp Structure				
Girder No.	Abutment 1		Abutment 2		Girder No.	Abutment 1		Abutment 2	
	DC	DW	DC	DW		DC	DW	DC	DW
G1	51.25	9.24	52.00	9.66	G1	41.94	8.45	42.04	8.79
G2	41.64	8.90	39.73	8.56	G2	37.63	8.22	37.62	8.16
G3	38.97	8.65	40.03	8.78	G3	37.58	8.31	37.28	8.33
G4	39.58	8.76	39.54	8.73	G4	37.91	8.28	36.89	8.04
G5	39.78	8.76	39.56	8.70	G5	38.33	8.43	40.24	8.69
G6	39.85	8.57	40.41	8.81	G6	50.72	9.22	49.96	8.89
G7	46.10	9.11	45.79	8.73					
<b>Total</b>	<b>297.2</b>	<b>62.0</b>	<b>297.1</b>	<b>62.0</b>	<b>Total</b>	<b>244.1</b>	<b>50.9</b>	<b>244.0</b>	<b>50.9</b>



**Bridge 075701**  
**Abutment Girder Reactions**

Computed By HKB  
 Date 11/17/2017  
 Checked By RGW  
 Date 11/20/2017

UNFACTORED GIRDER REACTION (KIPS)									
Bridge 075701 Mainline Structure					Bridge 075701 Ramp Structure				
Girder No.	Abutment 3		Abutment 4		Girder No.	Abutment 3		Abutment 4	
	DC	DW	DC	DW		DC	DW	DC	DW
G1	36.31	6.87	34.67	7.07	G1	45.36	7.84	41.43	8.01
G2	33.12	6.95	32.71	6.79	G2	33.57	7.14	32.45	7.06
G3	32.49	6.85	32.48	6.88	G3	31.88	7.18	32.39	7.20
G4	32.73	6.87	32.28	6.86	G4	32.04	7.16	32.21	7.21
G5	32.83	6.75	33.96	6.88	G5	32.17	7.03	32.24	7.01
G6	42.47	7.71	41.76	7.52	G6	35.06	7.44	37.19	7.29
<b>Total</b>	<b>210.0</b>	<b>42.0</b>	<b>207.9</b>	<b>42.0</b>	<b>Total</b>	<b>210.1</b>	<b>43.8</b>	<b>207.9</b>	<b>43.8</b>

# DBE Letter of Intent to Perform

PROJECT:

NAME OF PROPOSER: \_\_\_\_\_

FROM: \_\_\_\_\_  
(Disadvantaged Business Enterprise)

TO: \_\_\_\_\_  
(Name of Contractor)

1. My company is currently certified as a Disadvantaged Business Enterprise (DBE) by the state of Rhode Island. There have been no changes affecting the ownership, control or independence of my company since my last certification review.
2. If any such change occurs prior to my company's completion of this proposed work, I will give written notification to your firm and RIDOT.
3. My firm will provide to you, upon request, for the purpose of obtaining subcontractor approval:  
(a) a resume stating the qualifications and experience of the superintendent or foreperson who will supervise on-site work; (b) a list of equipment owned or leased by my firm for use on the project; and (c) a list of all projects (public or private) which my firm is currently performing, is committed to perform, or intends to make a commitment to perform. I shall include for each project the names and telephone number of a contact person for the contracting organization, the dollar value of the work, a description of the work, and my firm's work schedule for the project.
4. If you are awarded the contract, my company intends to enter into an agreement with your firm to perform the items of work or other activity described on the following sheet for the prices indicated.
5. My firm has the ability to manage, supervise and perform the activity described on the following page.

\_\_\_\_\_  
DBE Signature

\_\_\_\_\_  
Date

## Schedule of Participation by Disadvantaged Business Enterprises (DBE)

PROJECT: \_\_\_\_\_

BID NO.: \_\_\_\_\_

NAME OF PROPOSER: \_\_\_\_\_

Name, Address, and Phone Number of DBE	Name of Activity	DBE Contractor Activity Percent	Total Percent Eligible for Credit

**DBE Percentage Total:** \_\_\_\_\_ %

SIGNATURE: \_\_\_\_\_ DATE: \_\_\_\_\_ TEL. NO.: \_\_\_\_\_

NAME AND TITLE (PRINT): \_\_\_\_\_