

2.0 BACKGROUND INFORMATION

2.1 Project Description and Brief Scope of Work

The Project (Rhode Island Contract No. 2018-DB-009 Federal-Aid Project No. BRO-0276(003)) is located in Lincoln, Rhode Island and includes the design and construction of the full replacement of Bridge No. 027601 carrying Rhode Island Route 146 over Rhode Island Route 116 (George Washington Highway). The existing bridge is a two-span reinforced concrete rigid frame structure supported on spread footing foundations. Record Plans of the existing bridge structure are included with the supplemental information provided.

The Scope of Work at the 027601 bridge consists of completely replacing the existing structure in its entirety. RIDOT is proposing to replace this structure with a new two-span steel girder bridge supported on full height reinforced concrete abutments and one mid-span pier, founded on spread footings as shown in the Base Technical Concept (BTC) Plans. The existing bridge will be removed in two stages, and the proposed bridge will be constructed in two stages; each stage shall accommodate vehicular travel in the Southbound and Northbound directions and two lanes in each direction will be maintained at all times except as noted in RFP Part B. Accelerated Bridge Construction Methods are encouraged to the extent possible. The proposed final roadway widths for the new bridge shall be 54'-1 1/2" curb to curb Southbound and 35'-0" curb to curb Northbound.

Lane reductions on Route 146 will not be permitted during the winter shutdown period. All travel lanes and shoulders shall be re-opened prior to the start of the winter shutdown period. Work that does not impact traffic on Route 146 or Route 116 will be permitted during the winter shutdown period. Temperature dependent activities conducted during the winter shutdown period shall be performed in accordance with cold-weather requirements of the Standard Specifications.

The approach roadway work to the bridge will consist of repaving to the limits shown in the BTC Plans. Only minor adjustments to the Route 146 profile are proposed. The local roadway below bridge 027601 (George Washington Highway) will also be repaved under the bridge to the limits shown in the BTC Plans. No widening of Route 146 or the local roads is proposed. Two existing ramps are to be realigned, one ramp closed, and a permanent traffic signal is to be installed on Rt. 116 to improve the traffic safety of the interchange. Other highway work required will include, but not be limited to: replacement of existing guardrail, installation of stormwater treatments, placement of new pavement markings and maintenance and protection of traffic.

The Design-Build work will generally consist of providing the necessary design and construction, including an exacting Design-Build quality control program. Although the final Project length may vary depending on the Respondent Team's final design, substantial completion of the Project (as defined in Job Specific Specification 101.71) must be completed no later than October 15, 2020.

The Project is currently at approximately ten percent (10%) design. The BTC Plans contain several areas of specific design intent. Accelerated Bridge Construction (ABC) methods are to be used to the extent practical. The proposed superstructure for Bridge No. 027601 shall be comprised of steel girders, reinforced concrete deck, elastomeric bearings, TL-5 bridge railing and new membrane waterproofing and asphalt overlay. The work will also include constructing new cantilever abutments, pier, approach slabs and wingwalls. All design and construction must meet all the standards and specifications noted in this RFP. For complete Technical Requirements, please refer to Part B, Project Technical Requirements.

PART A – INSTRUCTIONS FOR RESPONDENTS

This work is anticipated to include, but not be limited to:

- a) design and construction of the bridge replacement as described above including all necessary temporary works;
- b) demolition and removal of the existing bridge and substructure designated for removal;
- c) utility relocations, adjustments and coordination as necessary to complete the work;
- d) reconstruction of roadway approaches at each end of the replacement bridge, including paving, pavement marking and signing;
- e) temporary erosion controls and maintenance throughout all phases of the Project;
- f) maintenance and protection of traffic, including median crossovers, temporary alignments, and temporary signals on Route 116 (if required, due to the selected Respondent's approved design)
- g) quality control for design and construction;
- h) design and construction Project management;
- i) stormwater management systems and drainage modifications;
- j) Environmental Permit application services;
- k) Right-of-Way (ROW) acquisition services (if required, due to the selected Respondent's approved design);
- l) Sub contract related works;
- m) Any work/service required but not listed above in order to complete the Project as intended;
- n) re-alignment of the existing Rt. 116 EB onramp to Rt. 146 SB to add an acceleration lane and merging taper to the limits depicted in the BTC Drawings.
- o) Realignment of the existing Rt. 146 SB offramp to Rt. 116 WB and installation of a permanent traffic signal on Rt. 116.
- p) Closure and removal of the existing rt. 146 SB offramp to Rt. 116 EB as depicted in the BTC drawings
- m)q) Replacement of exiting signage along the Rt. 116 and Rt. 146 interchange approaches to adequately support the new permanent traffic pattern.

Respondents should note that all work performed on this Project shall be completed using English Units.

PART A – INSTRUCTIONS FOR RESPONDENTS

The selected DB-Team shall also be responsible for the following:

- Interpretation of existing geotechnical data and evaluations, determining the extent of additional geotechnical data and evaluation required, as well as obtaining and performing the necessary additional information and geotechnical analysis as needed.
- Payments, negotiations, agreements and scope of work between the DB-Team and the respective utilities.
- Any additional survey required to complete the Project.
- Preparation of all necessary environmental permit applications for review and approval by RIDOT. RIDOT will officially file and submit the applications to the environmental agencies for their review/approval. RIDOT will not be responsible for any costs or time delays due to the acquisition of environmental permits.
- The Base Technical Concept, as shown on the BTC Plans, does not require any right-of-way outside the State Highway and Town Layouts. No temporary easements, permanent easements or land takings are

PART A – INSTRUCTIONS FOR RESPONDENTS

As this is a single step process and a relatively straightforward scope of work, it is not the intent of RIDOT to have a formal Alternative Technical Concept review process for this project. However, prospective DB-Teams are free to include in their proposal alterations or changes to the BTC that provide benefit (cost/schedule savings) for the project. These changes must be demonstrated to provide equal or better value than the BTC.

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, in its sole discretion.

Advertise RFP	March 23, 2018
Deadline for Questions & Comments.....	June 6 September 10, 2018 @ Noon
Proposal Submission Date.....	June 15 September 19, 2018 @ 11:30 AM
Evaluate Technical Proposals (Score and Rank)	July 15 October 19, 2018
Open Price Proposals.....	July 22 October 26, 2018 (Estimated)
Notice of Tentative Award	July 29 November 2, 2018 (Estimated)
Design-Build Contract Execution.....	August 15 November 14, 2018 (Estimated)
Notice to Proceed.....	August 31 November 30, 2018 (Estimated)
Substantial Completion	October 15 December 18, 2020
Project Completion	In accordance with the Rhode Island Standard Specifications for Road and Bridge Construction, amended May 2016, with all subsequent revisions

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. Liquidated damages shall be based on the Schedule of Liquidated Damages in Standard Specification Section 108.08. The rate for liquidated damages shall be **\$3,700** per Calendar Day.

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.ri.gov/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.

PART A – INSTRUCTIONS FOR RESPONDENTS

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 disable **NINE (9) FULL CALENDAR DAYS** prior to the due date for this Project. **Therefore, questions will not be accepted after Noon on ~~June 6~~September 10, 2018.**

2.5 RFP Documents

All Plans, Special Provisions, 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-Team. All DB-Teams 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-Team 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 as to the accuracy or completeness of information contained in any documents not obtained from RIDOT, and will not be responsible in any way for a DB-Team’s reliance on or utilization of the contents of such documents. The DB-Team shall perform supplemental testing, data collection, borings, etc. as necessary. The DB-Team shall be responsible for providing updated survey as required for the design following completion of the projects listed in Part A, Section 2.1 of this RFP.

The documents included in this RFP (collectively the “RFP Documents”) consist of the following:

- RFP Containing:
 1. PART A – INSTRUCTIONS FOR RESPONDENTS
 2. PART B – PROJECT TECHNICAL REQUIREMENTS
 3. PART C – PRICE PROPOSAL FORM
 4. REQUIRED FORMS

Provided on Disc:

5. PART D – APPENDICES
 - A: BTC Documents
 1. BTC Plans
 2. BTC Job Specific Specifications
 - B: Existing Information
 1. Existing Plans
 2. Bridge Inspection Reports
 3. Traffic Data
 4. Utility Information
 5. RIDOT Stormwater Consent Decree
 6. Geotechnical Reports
 7. Environmental Information
 - C: Project Plans and Specifications
 1. Toll Gantry Plan - RhodeWorks Toll Facilities – Design, Build, Operate, & Maintain (Location 11) [*draft version*]
 - D: BTC AutoCAD Files

PART A – INSTRUCTIONS FOR RESPONDENTS

Respondent will simultaneously submit a two-part Proposal, with each part submitted in separately sealed packages:

The Technical Proposal will consist of the information required in Section 4.2 below and will be submitted in a sealed package separate from that submitted for the Price Proposal.

The Price Proposal will consist of the information required in Section 4.3 below and will be submitted in a sealed package separate from that submitted for the Technical Proposal. The Price Proposal will not be opened until the Technical Proposal has been evaluated and scored pursuant to Section 5.1 below.

4.1 Due Date, Time and Location

Upon review of the Request for Proposal, (RFP), requested documentation should be submitted to the Division of Purchases by the specified deadline to the address listed below. RIDOT requires that the **TECHNICAL PROPOSAL** submission be submitted not only in hard copy form but also on CD-ROM. A Clearly labeled CD ROM should be attached to the inside cover of each TECHNICAL PROPOSAL (original and copies) submission. RIDOT requires that the electronic version of said TECHNICAL PROPOSAL be submitted in Adobe PDF format.

TECHNICAL PROPOSAL ("Original" plus FIVE (5) copies) and a separately sealed **PRICE PROPOSAL** ("Original" plus FIVE (5) copies) are to be submitted simultaneously. Requested submission documents are to be either mailed or hand delivered in a sealed package marked: **BID #7592653 DESIGN/BUILD Services for the Replacement of Route 146 (Louisquisset Pike) Bridge No. 027601 over Route 116 (George Washington Highway), Lincoln, RI by ~~June 15~~September 19, 2018 no later than 11:30 A.M.** to:

BY COURIER OR MAIL:
RI Department of Administration
Division of Purchases (2nd floor)
One Capitol Hill
Providence, RI 02908-5855

NOTE: *Proposals received after the above referenced due date and time will not be considered.*

Besides the RIVIP Bidder Certification Form (**all 3 pages**), as required at the State level and obtained through the RIVIP website, RIDOT also requires that the following SEVEN (7) FORMS be completed by the Lead Designer and Lead Contractor and included in your submission package in line with federal regulations and departmental policy. These FORMS will be reviewed for completeness and will be made part of the contract documents.

- **DEBARMENT FORM:** Must be completed and signed by an authorized agent of the Lead Designer and Lead Contractor.
- **LOBBYING FORM:** Enter known project information on PAGE 1 (DESCRIPTION etc.); The Lead Designer and Lead Contractor must complete FORM and submit signed by an authorized individual.
- **CONFLICTS DISCLOSURE STATEMENT:** In line with directions stated, completed FORM(s) must be signed and submitted accordingly by the Lead Designer and Lead Contractor.