



Rhode Island Turnpike and Bridge Authority
P.O. Box 437 | Jamestown, Rhode Island 02835-0437

April 17, 2025

ADDENDUM NO. 01
Invitation for Bids – 24-06

**Bridge Repairs Jamestown – Verrazzano Bridge No. 080001 – Trestle
Structure Fishing Pier Access Road Bridge No. 083901**

Prospective Proposers and all concerned are hereby notified of the following changes/comments related to the Invitation for Bids (IFB) 24-06. These changes/comments shall be incorporated in and shall become an integral part of the IFB.

Below are questions posed by Prospective Proposers along with RITBA's response:

1. Existing vehicular guardrails will need to be removed during deck end reconstruction at Bridge 083901. How are these gaps in the guardrail to be protected during construction and under what bid item is this work paid?

It is anticipated that the work will not require the removal of rail elements for the vehicular guardrail; removing and resetting/relocating rail posts is anticipated and is included for payment under Bid Items 830.9901 & 830.9902. If the Contractor intends to remove and reset rail elements, the resulting gap shall require protection designed by the Contractor and approved by the Engineer. This work shall be considered incidental to the work required and no additional payment will be made.

2. Portions of the existing pedestrian railing will need to be removed during deck end and sidewalk reconstruction at Bridge 083901. How will removal and reinstallation of this pedestrian railing be paid?

It is anticipated that the work will not require the removal of portions of the existing pedestrian railing. If the Contractor intends to remove and reset portions of the railing, the resulting gap will require protection designed by the Contractor and approved by the Engineer. This work shall be considered incidental to the work required and no additional payment will be made.

3. What scope of work is included under bid item 808.0323 "Concrete Substructure Class HP ¾" Parapets"?

Bid Item 808.0323 includes the concrete required for the rebuilding of the approach concrete median barrier at Bridge No. 083901 (the section of barrier off the bridge).



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4. Is the manufacturer of the heavy-duty polymer expansion joint system required to provide a performance guarantee covering both the finished product and its on-site installation?

A materials and workmanship warranty is required for the heavy-duty polymer expansion joint system. Delete ITEM CODE 823.9901 from the Division II Special Provisions in its entirety and replace with the attached revised specification.

5. What is the duration for which this performance guarantee—covering both the finished product and its installation—must be valid?

The length of the materials and workmanship warranty will be five years from the date of final acceptance.

6. In the event of a failure of the installed heavy-duty polymer expansion joint system within the guarantee period, who will be responsible for the necessary repairs: the manufacturer of the heavy-duty expansion system, or the installation contractor?

The Contractor will be responsible for the necessary repairs in coordination with the manufacturer.

7. What is the movement capacity required for the bridge joints?

The heavy-duty polymer expansion joint system shall have a total movement capacity of 2.25”.

ADDENDUM NO. 01 ATTACHMENT
Invitation for Bids – 24-06

DIVISION II

CONSTRUCTION DETAILS

Delete ITEM CODE 823.9901 – HEAVY DUTY POLYMER EXPANSION JOINT SYSTEM in its entirety and replace with the following:

ITEM CODE 823.9901 – HEAVY-DUTY POLYMER EXPANSION JOINT SYSTEM

DESCRIPTION

This includes furnishing and installing heavy-duty polymer expansion joints with statically verified stabilization elements at the locations shown in the Contract Drawings.

MANUFACTURERS

Use one of the qualified heavy-duty polymer expansion joint systems listed below.

HEWAJOINT HJ75
WALO Civil LLC
2700 Corporate Drive, Suite 200
Birmingham, AL 35242
Contact: Peter Seibert
Email: peter.seibert@walo.com
Phone: 416-435-4225

Tensa-Polylex-Advanced PU
Mageba-Group
1384 Broadway, 5th Floor
New York, New York 10018
Contact: Steven Owen
Email: sowen@mageba-group.com
Phone: 646-635-3432

MATERIALS

All materials shall be in accordance with the chosen qualified heavy-duty polymer expansion joint system.

CONSTRUCTION METHODS

Before the work begins, provide the Engineer with an installation manual outlining the construction methods.

A technical representative of the manufacturer/supplier shall be notified of the scheduled installation and shall be present to provide direction and assistance during the preparation and installation of the expansion joint system.

Perform work in accordance with the manufacturer's product specification and install per the project details and as recommended by the technical representative. Tools, equipment, and techniques used to prepare and install the expansion joint system shall be approved by the Engineer and the technical representative prior to the start of construction.

Materials And Workmanship Warranty

Correct defects in the heavy-duty polymer expansion joint systems caused by elements within the Contractor's control (i.e., the materials supplied and the workmanship) during the warranty period. Provide

bond issued by a surety that guarantees the warranty requirements will be met. The following summarizes the warranty requirements:

- Limits of Warranted Work. The warranted work includes all heavy-duty polymer expansion joint systems within the Project limits.
- Warranty Period. The length of the warranty will be five years from the date of Final Acceptance.
- Amount of Warranty Bond. Supply warranty bond equal to 100 percent of the warranted work for heavy-duty polymer expansion joint systems, as described in the above bullet “Limits of Warranted Work”.
- Warranty Parameters. Condition parameters are used to measure the performance of the heavy-duty polymer expansion joint system during the warranty period. Each condition parameter has a threshold limit that defines when corrective action (warranty work) is required.
- Definitions.
 - Debonding. Physical separation of the heavy-duty polymer expansion joint system from the adjacent vertical face of the bridge deck.
 - Transverse Crack. Any open crack that extends more in the transverse direction (perpendicular to traffic flow) than in the longitudinal direction.
 - Longitudinal Crack. Any open crack that extends more in the longitudinal direction (parallel to traffic flow) than in the transverse direction.
 - Perviousness. Absence of watertightness.
 - Rutting. Depression, displacement, or dislodgment of the expansion joint surface.
- Warranty Requirements. The Table lists the allowable threshold limit for each condition parameter for each heavy-duty polymer expansion joint. If any of the warranty requirements are not met as a result of a defect in materials and/or workmanship, corrective action (warranty work) is required.

Condition Parameter	Threshold Limit for Each Heavy-Duty Polymer Expansion Joint
Debonding (either edge)	5% total for the joint, with no debond greater than 2 ft.
Transverse cracking	5% total for the joint, with no crack greater than 2 ft.
Longitudinal cracking	3 times joint longitudinal dimension
Perviousness	Visible seepage of water
Rutting	Maximum depth ½ in.

- **Corrective Actions.** The following corrective actions are required to implement acceptable treatments for the various condition parameters. The Authority will accept the listed corrective action if the action addresses the cause of the condition parameter. The Contractor may use an alternative action, subject to Authority approval.

Condition Parameter	Required Action
Debonding (either edge)	Sawcut and remove the affected area; replace with a new heavy-duty polymer expansion joint system as shown on the Plans and described in this Specification.
Transverse cracking	Sawcut and remove the affected area; replace with a new heavy-duty polymer expansion joint system as shown on the Plans and described in this Specification.
Longitudinal cracking	Seal
Perviousness	Seal
Rutting	Sawcut and remove the affected area; replace with a new heavy-duty polymer expansion joint system as shown on the Plans and described in this Specification.

METHOD OF MEASUREMENT

Heavy-Duty Polymer Expansion Joint System is measured per each travelway direction, including the roadway, safety walk, and median barrier.

BASIS OF PAYMENT

The Authority will pay for the completed and accepted quantities as follows:

Pay Item	Pay Unit
Heavy-Duty Polymer Expansion Joint System	EA

The price constitutes full compensation for all labor, materials, equipment, warranties, warrantee work, and incidentals, including all applicable technical representation, required to finish the work, compete and accepted. Warrantee work includes all engineering and maintenance and protection of traffic.

Materials and Workmanship Warranty

The materials and workmanship pavement warranty shall consist of the warranty bond and the terms of this provision in its entirety. This provision establishes the common terms and definitions that apply to all Projects requiring a warranty (the warranted work). The Materials and Workmanship Warranty warrants the Department against defects in materials and workmanship.

Definitions

1. Materials & Workmanship Warranty. The Contractor is responsible for correcting defects in the asphaltic expansion joint system caused by elements within the Contractor's control (i.e., the

materials supplied and the workmanship) during the warranty period. Since the Authority is responsible for the bridge design, the Contractor assumes no responsibility for defects that are design related. If a defect is attributable to both the materials and/or workmanship and the design, the responsibility for correcting the defect shall be shared by the Authority and the Contractor; the Contractor is responsible for the percentage of fault attributable to the workmanship and/or materials, and the Authority is responsible for the percentage of fault attributable to the design.

2. Acceptance Date of Construction. The date when the warranted work is complete and confirmed, in writing, on the initial acceptance document by the Authority that the warrant complies with the Contract specifications and is open to traffic. This is the date of initial acceptance and constitutes the start date for the warranty period. There may be more than one acceptance date of construction.
3. Warranty Bond. A bond issued by a surety that guarantees that the warranty requirements will be met.
4. Warranty Work. Corrective action taken to bring the warranted work into Contract compliance.

Initial Acceptance

The Authority and the Contractor shall jointly review all completed warranted work, or a portion thereof, as determined by the Authority. If the work does not meet Contract requirements, the Contractor shall make all necessary corrections, at its expense, before initial acceptance. Initial acceptance will occur as soon as the Authority confirms, in writing, on the initial acceptance form that the Contract requirements have been met for the warranted work. The date on which initial acceptance occurs is termed the Acceptance Date of Construction.

Initial acceptance will be documented and executed jointly by the Authority and the Contractor on a form furnished by the Authority. A copy of the form will be sent to the Contractor's warranty bond surety agent by the Authority. Neither the initial acceptance nor any prior inspection, acceptance, or approval by the Authority diminishes the Contractor's responsibility under this warranty.

The Authority may accept the work and begin the warranty period, excluding any area needing corrective work, to accommodate seasonal limitations or staged construction. Acceptance of material, in penalty, under the Authority's quality assurance program will not relieve the Contractor from meeting the material and workmanship warranty requirements for the accepted material.

Warranty Bond

The Contractor shall furnish a single term warranty bond, in an amount stipulated in the Amount of Warranty Bond, as defined previously, before Contract award. The effective starting date of the warranty bond shall be the Acceptance Date of Construction. The warranty bond will be released at the end of the warranty period or after all warranty work has been satisfactorily completed, whichever is the latest.

Rights and Responsibilities of the Authority

The Authority:

- Reserves the right to approve the schedule proposed by the Contractor to perform warranty work.
- Reserves the right to approve all materials and specifications used in warranty work.

- Reserves the right to determine if warranty work performed by the Contractor meets the Contract Specifications.
- Reserves the right to perform, or have performed, routine maintenance during the warranty period; any routine maintenance will not diminish the Contractor's responsibility under the warranty.
- Reserves the right, if the Contractor is unable, to make immediate emergency repairs to the heavy-duty polymer expansion joint system to prevent an unsafe road condition as determined by the Authority. The Authority will attempt to notify the Contractor that action is required to address an unsafe condition. However, if the Contractor is unable to comply with this requirement to the Authority's satisfaction and within the time frame required by the Authority, the Authority will perform or will have performed any emergency repairs deemed necessary. Any emergency repairs undertaken will not relieve the Contractor from meeting the warranty requirements of this Specification. Any costs associated with the emergency repairs will be paid by the Contractor if it is determined that the cause was from defective materials and/or workmanship.
- Is responsible for monitoring the heavy-duty polymer expansion joint system throughout the warranty period and will provide the Contractor all written reports of the system's condition related to the warranty requirements. The Contractor shall not be relieved of any responsibility based upon a claim that the Authority failed to adequately monitor the asphaltic expansion joint system to report its findings to the Contractor.
- Is responsible for notifying the Contractor, in writing, of any corrective action required to meet the warranty requirements.

Rights and Responsibilities of the Contractor

The Contractor:

- Shall warrant to the Authority that the warranted work will be free of defects in materials and workmanship for a period of five years from the Acceptance Date of Construction, as defined previously. The warranty bond shall be described on a form furnished by the Authority. The completed form shall be submitted to the Authority before award of Contract.
- Is responsible for performing all warranty work, including but not limited to, all M&PT, all M&PT incidentals, and any uniformed traffic control personnel required to complete the warranty repairs or replacement work and restoring all associated bridge and pavement features, at no additional cost to the Authority.
- Is responsible for performing all temporary or emergency repairs resulting from any noncompliance with the warranty requirements using Authority approved materials and methods. Upon receipt of a notice of non-compliance with the warranty requirements from the Authority, shall submit to the Authority within 21 calendar days a written course of action for performing the warranty work with all work items segregated and all materials and methods to be used. All of the warranty work shall be completed within 30 calendar days of the date of the submittal or as agreed to by the Authority.
- Shall follow an Authority approved maintenance of traffic plan when performing warranty work.

- Is required to supply to the Authority original documentation that all insurance required by the Contract is in effect during the period(s) that warranty work is being performed, as required by Subsection 107.14.
- Shall furnish to the Authority, in addition to the regular performance and lien bond for the Contract, supplemental performance and lien bonds covering any warranty work being performed. The supplemental bonds shall be furnished before beginning any warranty work using Authority approved forms. The supplemental bonds shall be in the amount required by the Authority to cover the costs of warranty work.
- Shall complete all warranty work before conclusion of the warranty period or as otherwise agreed to by the Authority.
- Shall be liable during the warranty period in the same manner as Contractors currently are liable for their construction related activities with the Authority pursuant to the Contract. This liability shall continue until the warranty work is accepted by the Engineer. The liability is in addition to the Contractor performing and/or paying for any required warranty work, and shall include liability for injuries and/or damages and any expenses resulting that are not attributable to normal wear and tear of traffic and weather, but are due to noncompliant materials, faulty workmanship, and/or Contractor operations.

Quality Control

At the direction of the Engineer, the Contractor shall arrange for and have present a manufacturer's representative knowledgeable in the methods of installation of the joint system.

Evaluation Method

The Authority will conduct evaluations of each heavy-duty polymer expansion joint system installed under this Contract.

Warranty Requirements

Warranty work will be required when the threshold limit for a condition parameter is exceeded as a result of a defect in material and/or workmanship.

Specific threshold limits and segment limits and other items that the Contractor is responsible for are covered in the previous sections of this Specification.

To determine whether the failure to meet the warranty criteria is a result of defects in materials and/or workmanship, a joint field investigation by the Authority and the Contractor will be conducted. The Authority and Contractor may elect to have a forensic investigation conducted. The decision to undertake a forensic investigation, the scope of the investigation, and the selection of the party to conduct the investigation will be agreed to by the Authority and the Contractor. All costs related to the forensic investigation will be shared proportionately between the Contractor and the Authority based on the determined cause of the condition.

During the warranty period, the Contractor will not be held responsible for distresses that are caused by factors unrelated to materials and workmanship. These include, but are not limited to, chemical and fuel spills, vehicle fires, snow plowing, and quality assurance testing such as coring. Other factors considered

to be beyond the control of the Contractor that may contribute to distress will be considered by the Engineer on a case-by-case basis upon receipt of a written request from the Contractor.

Emergency Repairs

If the Authority determines that emergency repairs are necessary for public safety, the Authority or its agent may take repair action.

Before emergency repairs, the Authority will document the basis for the emergency action. In addition, the Authority will preserve evidence of the defective condition.

Non-Extension of Contract

This Provision shall not be construed as extending or otherwise affecting the claim process and statute of limitations applicable to this Contract.