



SCOPE OF WORK

This solicitation covers the request for proposals for Supply and Installation of strip seal and/or finger joints, for the expansion joints of the South Approach viaduct.

1.0 Scope of Work

The scope of work includes the design, fabrication, and delivery of bridge expansion joints and barrier cover plates, as per the drawings and specifications attached to this RFQ.

The awarded Supplier shall be responsible for:

1. Development of shop drawings and calculations signed/sealed by a Texas PE, and achievement of Contractor, Designer and Owner approval.
2. Fabrication the expansion joints and barrier cover plates, including the commitment to use materials that achieve the requirements of Buy America Act.
3. Delivery of joints as per the Project Schedule (schedule defined below is a preliminary estimation and may be subject to changes). All deliveries shall conform to the sequence of installation.
4. Conform to the attached Quality Acceptance Procedure of Bridge Expansion Joints. Fabricator will be responsible for QC program that complies with the inspection, testing, and documentation requirements off procedure. Pavetex Engineering is the project's Construction Quality Acceptance Firm (CQAF) and will perform QA/CQAF duties detailed in the procedure.
5. Fabricator shall compile and provide all quality reports, tests and manufacturing documents, including specifically the Form 1818 correlating all steel and iron materials with Mill Test Reports (MTR's) and Heath numbers. Failure to provide these documents in a timely matter may cause the non-acceptance of the products, even if installed.

Suppliers shall also consider in the proposals:

6. Sidewalk joints, as shown in the drawings, shall not be designed as finger joints. Alternate solutions to the drawings may be proposed by Supplier s, but they should achieve a level path for pedestrians, bicycles and shall comply with ADA requirements.
7. Any joint (finger joint or any other proposed system) shall provide a smooth traveling surface. Suppliers shall consider the maximum longitudinal (4%) and transverse slope as indicated in the drawings.
8. Award will be based in several factors, including maintenance, durability, easy to replace/repair and any other factors as per Contractors only discretion.
9. Proposals shall consider firm prices for the duration of the Project, or propose an escalation process – either based in a fixed percentage or indexed to a public reference index.

Documents attached to this proposal include:

10. South Approach RFC Expansion Joint Drawings (SA06-E.) Joint lengths and movements are detailed in this drawings. Joint length and QTY takeoff is included in price schedule –



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Suppliers should perform their own QTY takeoff as well.

11. General drawings for South Approach viaduct (contains bridge plan, elevation, and cross sections.)
12. Harbor Bridge Technical Provisions
13. Harbor Bridge Technical Provisions Attachment 13-1 Structures Provisions
14. Quality Acceptance Procedure of Bridge Expansion Joints

2.0 Schedule

Supplier shall provide price proposal and any additional information that will assist Contractor select the most cost-effective system.

Schedule is not completely defined at the time of issuance of this RFQ. Installation shall be not before 2022. Suppliers are requested to bid at current pricing and correlate their proposals to public labor and materials indexes (suggested: DOL for labor; AMM American Metal Market or similar for steel and iron products).

Supplier shall comply with the Federal Highway Administration (FHWA) Buy America Requirement in 23 CFR 635.410, which mandates only domestic steel and iron will be used on the Project. To be considered domestic, all steel and iron used and all products manufactured from steel and iron must be produced in the United States and all manufacturing processes, including application of a coating, for these materials must occur in the United States. Coating includes all processes that protect or enhance the value of the material to which the coating is applied.

3.0 General Requirements

Supplier's construction safe work practices, and job procedures are to conform to the following standards: Occupational Safety & Health Regulations (OSHA), Texas Department of Transportation "Standard Specification for Construction and Maintenance of Highway, Streets, and Bridges", Port of Corpus Christi and Contractor's health safety policies and standards.

Supplier shall assume toward the Contractor all obligations and responsibilities which the Contractor has assumed toward the Owner under the Contract to the extent such obligations and liabilities relate to the Supplier's Work. In case of conflict between the terms of this Subcontract Agreement and Contract, the Subcontract Agreement shall control. The Contract has been and remains available to the Supplier for review via web link:

<http://www.txdot.gov/business/partnerships/current-cda/harbor-bridge/executed-version.html>

- Supplier shall communicate and coordinate all aspects of its works with the Contractor's Authorized Representative.



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- Supplier shall be responsible for all deliveries to and from the working location defined by the Contractor's Authorized Representative.

Technical Requirements:

1. All notes/details on South Approach RFC Expansion Joint Drawings (SA06-E.)
2. All applicable specs from Harbor Bridge Technical Provisions (i.e. see Section 13 Structures)
3. All applicable specs from Harbor Bridge Technical Provisions Attachment 13-1 Structures Provisions (i.e. see Item 454 Bridge Expansion Joints)
4. This material is permanent, TXDOT requirements state that any permanent material must be made in the US, please provide form 1818 with material.

4.0 Supplier's Report

For a progressive execution of the scope of work, Supplier shall submit a narrative progress report detailing: (a) all activities accomplished during the current period and; (b) all activities planned for the next period. Also, Supplier shall close its invoicing period by the 20th day of each month and submit the narrative progress report not later than the 22nd day of the month, with a draft proposed invoice that will be used to facilitate the revision and approval process prior to the Contractor submitting its monthly progress report to the Owner for the Owner's approval and payment.

If applicable, as per Section 11.2.2 (a) of the CDA, the Contractor is required to provide a monthly report of personnel hours. Supplier shall submit a man-hours report that details the number of employees working on the project and the number of hours reported during the period.

5.0 List of Suppliers

Supplier shall provide lists of all Sub-Supplier s are going to be providing services under this agreement. Sub-Supplier s are subject to the approval of the Contractor. List provided below includes all the Sub-Supplier s that will potentially being providing services. In case a new Sub-Supplier is identify during the execution of the services, Supplier shall request written approval from Contractor Authorized Representative prior to perform any work.

Sub-Supplier	Contact Info



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6.0 Supplier's DBE Commitment:

Supplier's DBE agreed commitment under this agreement is 9%.

7.0 Deliverables

- Economical proposal for the scope of the work detailed
- Schedule including the activities to perform the scope of work

8.0 Project Execution Plan

1. **Schedule of Work:** to be provided by Supplier as part of their proposal. Should include a narrative detailing: procurement plan, key personnel involved, location, etc. The expected time frame for delivery of materials is estimated to be by mid October 2018.
2. **Delivery Schedule:** Schedule is not completely defined at the time of issuance of this RFQ. Installation shall be not before 2022. Suppliers are requested to bid at current pricing and correlate their proposals to public labor and materials indexes (suggested: DOL for labor; AMM American Metal Market or similar for steel and iron products).
3. **Availability of spare parts during the operation period:** to be provided by Supplier as part of their proposal.
4. **Warranty scope:** to be provided by Supplier as part of their proposal.
5. **Freight:** to be provided by Supplier as part of their proposal.