



## **SCOPE OF WORK**

This solicitation covers the request for proposals for Fabrication and Supply of the Struts for the New Harbor Bridge.

### **1.0 Scope of Work**

The scope of work includes the fabrication and delivery of the struts for the New Harbor Bridge. It consists of 38 units of struts for the main span and 38 units of struts for the back span. All work shall be performed according to the drawings and specifications attached to this RFQ.

The awarded Supplier shall:

1. Provide shop drawings and achieve Designer and Owner approval, as required.
2. Provide fabrication procedures and achieve Designer, Construction Quality Acceptance Firm (CQAF) and Owner approval, as required.
3. Comply with the Federal Highway Administration (FHWA) Buy America Requirement in 23 CFR 635.410.
4. Provide Material Statement Form 1818 (a.k.a. D-9-USA-1) with supporting documentation as required.
5. Procure all the materials included in the drawings according to the materials specifications.
6. Fabricate the struts, including the corrosion protection system, in strict compliance with the design drawings, the project specifications and the shop drawings and fabrication procedures approved for the Project.
7. Perform QC testing according to the design drawings and the project specifications.
8. Provide all required deliverables according to the design drawings and the project specifications.
9. 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.
10. Deliver the struts to the site. Each strut shall be delivered to the Tower in which it will be erected.

Suppliers shall also consider in the proposals:

Award will be based in several factors, including pricing, quality aspects of the proposal, capabilities, and schedule.

Proposals shall consider firm prices for the duration of the Project.

Pricing shall be provided using the Price Schedule included in this RFQ. Two separate items have been included in the Price Schedule. Item No. 1 is for the fabrication and delivery of the struts and Item No. 2 is for the QC testing to be performed in accordance with the design drawings and the project specifications. Any change post award proposed by the Supplier shall



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be approved by the designer and will not imply any variation in the unit price of the struts, unless there is a saving, and it has been agreed with the Contractor.

Documents attached to this proposal include:

- The RELEASE FOR CONSTRUCTION version of the following design drawings:
  - ✓ NHB 301 Main Span Median Slab Strut Details I,
  - ✓ NHB 302 Main Span Median Slab Strut Details II and
  - ✓ NHB 303 Main Span Median Slab Details III
- New Harbor Bridge Governing Specifications and Special Provisions- Items 441, 442 and 446 are considered of special relevance.
- New Harbor Bridge Technical Provisions.
- Harbor Bridge Technical Provisions Attachment 13-1 Structures Provisions
- TxDOT DMS-7370 Steel Bridge Member Fabrication Plant Qualification

Additionally, per Item 441 of the New Harbor Bridge Governing Specifications, Section 3.1.5.1, the fabrication facility will be evaluated for competence of the plant, equipment, organization, experience, knowledge, and personnel to produce acceptable Work. Accordingly, the fabrication plant will be audited and shall be in compliance with all the qualification requests as listed in TxDOT's DMS-7370 "Steel Bridge Member Fabrication Plant Qualification".

### **2.0 Schedule**

Supplier shall fabricate the struts to achieve the following delivery dates:

Struts (ea)	Delivery Date
4	May 2022
8	June 2022
4	July 2022
4	August 2022
8	September 2022
4	October 2022
8	November 2022
8	December 2022
4	January 2023
4	February 2023
4	March 2023
8	April 2023
4	May 2023
4	June 2023

Alternative delivery dates can be accepted.



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Supplier shall submit a schedule showing the main milestones to achieve the delivery dates. This schedule will include all the required deliverables and will include provision for a 3-week review period. Supplier will be responsible for any delay if the deliverable is not approved after the first resubmittal.

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

### **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 20<sup>th</sup> day of each month and submit the narrative progress report not later than the 22<sup>nd</sup> 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.



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### 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

### 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.
- Project Qualifications including a list of projects with similar geometric challenges, including client info.

### 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.
1. **Delivery Schedule:** to be provided by bidder as part of their proposal. (if different that the schedule included herein)
2. **Warranty scope:** to be provided by Supplier as part of their proposal.
3. **Freight:** to be provided by Supplier as part of their proposal.