



SCOPE OF WORK

This solicitation covers the request for proposals for the Fabrication and Supply of Steel Boxes, for the Upper Tower of the Main Span of the New Harbor Bridge.

1.0 Scope of Work

The scope of work includes the fabrication and delivery of steel boxes for the Upper Tower of the Main Span of the New Harbor Bridge. Steel boxes consist of anchor boxes, spacer boxes, temporary cable anchor boxes and related parts. All work shall be performed according to the drawings and specifications attached to this RFQ.

The awarded Supplier shall:

1. Provide shop drawings signed/sealed by a Texas PE 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. These materials include but are not limited to: steel plates, wide flange sections, angle sections, recess pipes, shear studs, bolts and all miscellaneous material that is required to properly fabricate the elements.
6. Fabricate the steel boxes, 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 Quality Control (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 Heat numbers. Failure to provide these documents in a timely matter may cause the non-acceptance of the products, even if installed.
10. Deliver the steel boxes to the site. Each steel box 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.



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

Pricing shall be provided using the Price Schedule included in this RFQ. Although each steel box is unique in geometry and weight, the price schedule groups the boxes into three line items that are similar in complexity and weight.

During the bid time, the Supplier may propose changes to the design or general notes to facilitate the fabrication provided that the quality of the product remains the same. These changes, if appropriate, will be incorporated to the Released For Construction drawings.

Any change post award proposed by the Supplier shall be approved by the designer and will not imply any variation in the unit price of the steel boxes, unless there is a saving, and it has been agreed with the Contractor.

Achieve the approval of the fabrication plant by TxDOT in accordance with DMS-7370, "Steel Bridge Member Fabrication Plant Qualification" shall be responsibility of the Supplier, if required.

The RFQ will be re-issued to a short list of bidders once the final design drawings are available.

Documents attached to this proposal include:

- The ADVANCE CHECK PRINT 04-15-2021 version of the following design drawings: NHB 71, 72, 72A, 72B, 72C, 73, 100, 100A, 101, 101A, 101B, 101C, 101D, 101E, 101F, 101G, 101H, 101J, 101K, 101M, 101N, 101P, 101Q, 101R, 101T, 101U and 101V.
- New Harbor Bridge Governing Specifications and Special Provisions- Items 441, 442 and 445 are considered of special relevance.
- New Harbor Bridge Technical Provisions.
- Harbor Bridge Technical Provisions Attachment 13-1 Structures Provisions

2.0 Schedule

Supplier shall fabricate the steel boxes to achieve the following delivery dates:

North Tower			
Anchor Box	Spacer Box	Temp	Delivery Date
1		1	July-22
2	2		July-22
3	3		August-22
4	4		September-22
5	5		October-22
6	6		October-22



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7	7		November-22
8	8		November-22
9	9		December-22
10	10		January-23
11	11		January-23
12	12		February-23
13	13		February-23
14	14		March-23
15	15		March-23
16	16		April-23
17	17		April-23
18	18		May-23
19	19		May-23

South Tower			
Anchor Box	Spacer Box	Temp	
1		1	May-22
2	2		June-22
3	3		July-22
4	4		August-22
5	5		August-22
6	6		September-22
7	7		October-22
8	8		October-22
9	9		November-22
10	10		November-22
11	11		December-22
12	12		December-22
13	13		January-23
14	14		February-23
15	15		February-23
16	16		March-23
17	17		March-23
18	18		April-23
19	19		April-23

The dates included in the table account for a 30-day period of storage on site before erecting the steel boxes. 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 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.



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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.