



SCOPE OF WORK

This solicitation covers the request for proposals for Fabrication and Supply of two (2) Tower Tops for the New Harbor Bridge.

1.0 Scope of Work

The scope of work includes the fabrication and delivery of two (2) Tower Tops for the New Harbor Bridge. Each Tower Top consists of one steel structure with a hydraulic hatch, electrical supports, and lightning protection. All work shall be performed according to the drawings and specifications included within this Request for Quote (RFQ) Package.

Supplier shall meet the following requirements:

1. Provide shop drawings and calculations signed/sealed by a professional engineer with active registration in the state of Texas and achieve Designer and Owner approval, as required.
2. Design the structural connections, stiffeners, if needed, hydraulic hatch (includes hatch framing, hinges and hydraulic piston) and electrical supports (FAA light fixture mount, FAA lighting photocell mount, and lightning protection connection).
3. Lifting points to be coordinated with Buyer and included in shop drawings.
4. Provide fabrication procedures and achieve Designer, Construction Quality Acceptance Firm (CQAF) and Owner approval, as required.
5. Comply with the Federal Highway Administration (FHWA) Buy America Requirement in 23 CFR 635.410.
6. Procure all the materials included in the drawings according to the materials specifications.
7. Fabricate the structures in their entirety, including the corrosion protection system, in strict compliance with the design drawings, the Project Specifications, the shop drawings and fabrication procedures once approved through the Project.
8. Perform QC testing according to the design drawings and supply applicable reports.
9. Provide all required deliverables according to the design drawings and the Project Specifications.
10. Compile and provide all quality reports, tests and manufacturing documents, including specifically the Form 1818 (a.k.a. D-9-USA-1) 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.
11. Deliver the Tower Tops to the site. Each tower top shall be delivered to its respective Tower in which it will be installed.

Suppliers shall also consider in the proposals:

Award will be based on 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 (Excel Spreadsheet 02 – Pricing Schedule) included in this RFQ Package. Tower Tops are to be priced as “Each” and all inclusive (shop drawings, hydraulic hatch, electrical supports, lightning protection, testing, coating, freight, etc.). 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 Tower Top, unless there is a saving, and it has been agreed with the Buyer.



SCOPE OF WORK

Documents attached to this proposal include:

- The RELEASE FOR CONSTRUCTION version of the following design drawings:
 - ✓ NHB295A_M08 - MAIN SPAN UPPER TOWER TOWER TOP GENERAL TOWER TOP NOTES
 - ✓ NHB295B_M08 - MAIN SPAN UPPER TOWER TOWER TOP GENERAL PLAN AND ELEVATIONS
 - ✓ NHB295C_M08 - MAIN SPAN UPPER TOWER TOWER TOP SECTIONS
 - ✓ NHB295D_M08 - MAIN SPAN UPPER TOWER TOWER TOP CONNECTION DETAILS I
 - ✓ NHB295E_M08 - MAIN SPAN UPPER TOWER TOWER TOP CONNECTION DETAILS II
- New Harbor Bridge Governing Specifications and Special Provisions- Items 441 and 445 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 Tower Top to achieve the following delivery dates:

Tower Top (EA)	Delivery Date
North	December 20, 2024
South	December 20, 2024

Alternative delivery dates can be accepted.

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



SCOPE OF WORK

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.

5.0 List of Suppliers

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

Second Tier 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.

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.



SCOPE OF WORK

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