



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J.R. "JOEY" HOPKINS
SECRETARY

November 17, 2023

Addendum No. 2

RE: Contract # C204902
WBS # 15BPR.102.3
STATE FUNDED
New Hanover County
CAPE FEAR MEMORIAL BRIDGE.

November 21, 2023 Letting

To Whom It May Concern:

Reference is made to the proposal furnished to you on this project.

The following revisions have been made to the proposal.

Page No.	Revision
Proposal Cover	Note added that reads "Includes Addendum No. 2 Dated 11-17-2023".
BP-26	The Structures Unit Project Special Provision entitled REPLACEMENT OF STRUCTURAL STEEL has been revised. New paragraph added to the "Material" section.
BP-37	The Structures Unit Project Special Provision entitled NOTES TO CONTRACTOR has been revised. New paragraph added to the end of the NOTES TO CONTRACTOR provision.

Please void the above listed existing Pages in your proposal and staple the revised Pages thereto.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT
1591 MAIL SERVICE CENTER
RALEIGH, NC 27699-1591

Telephone: (919) 707-6900
Fax: (919) 250-4127
Customer Service: 1-877-368-4968

Location:
1020 BIRCH RIDGE DR.
RALEIGH, NC 27610

Website: www.ncdot.gov

The contract will be prepared accordingly.

Sincerely,

DocuSigned by:

F81B6038A47A442...

Ronald E. Davenport, Jr., PE
State Contract Officer

RED/cms
Attachments

cc: Mr. Boyd Tharrington, PE
Mr. D. Chad Kimes, PE
Mr. Ken Kennedy, PE
Mr. Malcolm Bell
Project File (2)

Mr. Forrest Dungan, PE
Ms. Jaci Kincaid
Mr. Jon Weathersbee, PE

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
RALEIGH, N.C.

PROPOSAL

INCLUDES ADDENDUM No. 2 DATED 11-17-2023

DATE AND TIME OF BID OPENING: **Nov 21, 2023 AT 02:00 PM**

CONTRACT ID C204902
WBS 15BPR.102.3

FEDERAL-AID NO. STATE FUNDED
COUNTY NEW HANOVER
T.I.P NO.
MILES 0.575
ROUTE NO.
LOCATION CAPE FEAR MEMORIAL BRIDGE.

TYPE OF WORK BRIDGE PRESERVATION

NOTICE:

ALL BIDDERS SHALL COMPLY WITH ALL APPLICABLE LAWS REGULATING THE PRACTICE OF GENERAL CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA WHICH REQUIRES THE BIDDER TO BE LICENSED BY THE N.C. LICENSING BOARD FOR CONTRACTORS WHEN BIDDING ON ANY NON-FEDERAL AID PROJECT WHERE THE BID IS \$30,000 OR MORE, EXCEPT FOR CERTAIN SPECIALTY WORK AS DETERMINED BY THE LICENSING BOARD. BIDDERS SHALL ALSO COMPLY WITH ALL OTHER APPLICABLE LAWS REGULATING THE PRACTICES OF ELECTRICAL, PLUMBING, HEATING AND AIR CONDITIONING AND REFRIGERATION CONTRACTING AS CONTAINED IN CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA. NOTWITHSTANDING THESE LIMITATIONS ON BIDDING, THE BIDDER WHO IS AWARDED ANY FEDERAL - AID FUNDED PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING.

BIDS WILL BE RECEIVED AS SHOWN BELOW:

THIS IS A ROADWAY & STRUCTURE PROPOSAL

5% BID BOND OR BID DEPOSIT REQUIRED

REPLACEMENT OF STRUCTURAL STEEL**(SPECIAL)****Description**

This work involves replacing the steel stringers and diaphragms on the lift span as shown on the plans. The work includes field measuring existing conditions, removing and disposing of existing stringers and diaphragms, field drilling bolt holes, installing stringers and diaphragms, removing, storing and reinstalling exterior and median barriers, performing localized cleaning and painting, removing, shimming and reinstalling finger joint plate assembly, temporary support or removal and reinstallation of bracing members connected to the existing structural steel, providing access for inspection, preparation of submittals, temporary support and/or rerouting of conduit for navigation lighting, and maintaining span balance in accordance with the Mechanical Special provisions.

There is approximately 441,000 pounds of structural steel to be replaced. The stringers, diaphragms, connection plates, floorbeam stiffener plates, and associated bolts, nuts, washers, and direction tension indicators will be supplied by the Department. The Contractor shall supply the shim plates for the finger joint plate and the counterweight plates. The Contractor shall remove the existing structural steel and install the new structural steel.

Material

Structural Steel shall conform to AASHTO M 270 Grade 50 and shall be in accordance with Section 440 of the Standard Specifications, the plans, and this provision.

Unless otherwise designated on the plans, bolts shall be high-strength and shall conform to Section 440 of the Standard Specifications.

Except for floor beam stiffener plates as indicated on plans, structural steel will be delivered to the project, painted with System 1 in accordance with Section 442 of the Standard Specifications and the NCDOT Structural Steel Shop Coatings Program and as noted on the plans. Floor beam stiffener plates will be delivered uncoated and will require field painting.

Apply high ratio co-polymerized calcium sulfonate (HRCSA) and epoxy mastic as shown in plans and in accordance with the Standard Specifications and manufacturer's recommendations.

Construction Details

The Contractor shall install the structural steel in accordance with the plans, specifications, approved shop drawings, the Standard Specifications, and this provision.

The Contractor shall supply shim plates and hardware for the raising of the finger joint plates as shown on the plans and the counterweight plates as required by the Mechanical special provisions.

The Contractor is responsible for unloading and storing the structural steel at a location

NOTES TO CONTRACTOR**(SPECIAL)**

Not all structural steel and grid deck materials will be completed and delivered at the same time. Deliveries will be made as fabrication of portions of the materials is completed. Delivery of structural steel is currently scheduled to begin approximately January 22, 2024, with the final delivery approximately 10 weeks later. Deliveries for steel grid deck are on a similar schedule. It is anticipated that the first deliveries of the structural steel and grid deck will occur no later than January 29, 2024, and the final deliveries will be made no later than April 15, 2024.

In general, structural steel and grid deck are expected to be delivered to the bridge site. Some temporary storage of material can be allowed on the fixed bridge approach spans when those locations are subject to lane and directional closures. Depending on the planned schedule of work and analysis of the approach spans, limits on the amount of storage will be required. The Contractor must submit for review and approval his anticipated work schedule and anticipated staging of materials on the fixed bridge approach spans prior to storing any materials on the bridge deck. If additional off-bridge storage or lay down area is required, some capacity is available beneath the bridge on the east side and at the NCDOT Bridge Maintenance yard in Leland, NC. Depending on the schedule of work, available storage capacity, and storage weight limits on the approach spans at the time of a particular delivery, the Contractor shall coordinate with the structural steel or grid deck fabricators to determine the exact delivery location. For materials delivered to the lay down and storage area beneath the east end of the bridge and the NCDOT Bridge Maintenance yard in Leland, NC, the Contractor is required to transport materials from those locations to the bridge site as needed.

Working Drawings are required for any Structural Steel provided by the Contractor, which includes the finger plate shims and may include the floorbeam stiffeners, if the Contractor chooses to remove a different height of the stiffeners than is shown in the suggested details. Working Drawings are required for span balancing plates to be used by the Contractor.

The Department will provide fasteners for the new grid deck and the affected structural steel connections.