



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

J. ERIC BOYETTE  
SECRETARY

March 9, 2022

**Addendum No. 2**

Contract No.: C204713  
WBS #: 49872.3.1  
County: Columbus  
Project Description: Three (3) Express Design-Build Bridges and One (1) Culvert Replacements in Division 6

RE: Addendum No. 2 to Final RFP

**March 15, 2022 Letting**

To Whom It May Concern:

Reference is made to the Final Request for Proposals dated March 1, 2022. We have since incorporated changes, and Addendum No. 2 to the Final RFP has been posted to the web address as follows:

[https://connect.ncdot.gov/letting/Pages/Design-Build-Letting-Details.aspx?let\\_id=Express DB Yr11 Winter Div6](https://connect.ncdot.gov/letting/Pages/Design-Build-Letting-Details.aspx?let_id=Express+DB+Yr11+Winter+Div6)

Please note that all revisions have been highlighted in gray and are as follows:

The *Cover Sheet* has been revised. Please void the *Cover Sheet* and replace it with the revised *Cover Sheet*.

The *Table of Contents* has been revised. Please void the *Table of Contents* and replace it with the revised *Table of Contents*.

Page No. 8 of the *Project Special Provisions* has been revised. Please void Page No. 8 and replace it with the revised Page No. 8.

Page No. 58 of the *Hydraulics Scope of Work* has been revised. Please void Page No. 58 and replace it with the revised Page No. 58.

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

*Telephone:* (919) 707-6900  
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1020 BIRCH RIDGE DRIVE  
RALEIGH, NC 27610

Addendum No. 2 March 9, 2022  
Four (4) Express Design-Build Bridges and One (1) Culvert Replacements in Division 6  
Distribution of Final RFP  
Page 2

If you have any questions or need additional information, I can be reached by telephone at (919) 707-6930.

Sincerely,

DocuSigned by:

*Ron Davenport*

F81B6038A47A442...

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

RED:eaf

Cc: Mr. Drew Cox, PE  
Mr. Christopher Werner, PE  
Ms. Teresa Bruton, PE

Mr. David Stark, PE  
Ms. Jaci Kincaid  
File

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

**FINAL REQUEST FOR PROPOSALS**



**DESIGN-BUILD PROJECT**

**HB-0011, HB-0012, HB-0013  
and HB-0014**

**March 1, 2022**



**Including Addendum No. 2 Dated March 9, 2022**

DATE AND TIME OF PRICE PROPOSAL OPENING: **MARCH 15, 2022 AT 2:00 PM**

CONTRACT ID: C204713

WBS ELEMENT NO.: 49872.3.1

COUNTIES: Columbus County

ROUTE NO.: SR 1928

MILES: 0.307 miles

LOCATION: Replacement of Three Bridges and One Culvert in Columbus County

TYPE OF WORK: DESIGN-BUILD AS SPECIFIED IN THE SCOPE OF WORK  
CONTAINED IN THE REQUEST FOR PROPOSALS

**NOTICE:**

ALL PROPOSERS 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 PROPOSER 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. PROPOSERS 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. NOT WITHSTANDING THESE LIMITATIONS ON BIDDING, THE PROPOSER WHO IS AWARDED ANY PROJECT SHALL COMPLY WITH CHAPTER 87 OF THE GENERAL STATUTES OF NORTH CAROLINA FOR LICENSING REQUIREMENTS WITHIN 60 CALENDAR DAYS OF BID OPENING, REGARDLESS OF FUNDING SOURCES.

\_\_\_\_\_  
5% BID BOND OR BID DEPOSIT REQUIRED  
\_\_\_\_\_

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**PROPOSAL FORMS**

Itemized Proposal Sheet

**SEQUENCE AND SCHEDULE RESTRICTIONS**

The Design-Build Team's first priority bridge replacement shall be **Culvert BP-024-2270**, to the greatest extent possible.

**SUBMITTAL OF QUANTITIES, FUEL BASE INDEX PRICE AND OPT-OUT OPTION**

1/23/14 (Rev 12/9/21)

EDB1 G43

**(A) Submittal of Quantities**

**Submit quantities** on the *Fuel Usage Factor Chart and Estimate of Quantities* sheet, which is found at the following link:

<https://connect.ncdot.gov/letting/Pages/Design-Build-Resources.aspx>

The Design-Build Team shall prepare an Estimate of Quantities that they anticipate incorporating into the completed project and upon which the Price Proposal was based. The quantity breakdown shall include all items of work that appear in the *Fuel Usage Factor Chart and Estimate of Quantities* sheet. Only those items of work which are specifically noted in the *Fuel Usage Factor Chart and Estimate of Quantities* sheet will be subject to fuel price adjustments.

**Submittal** - The submittal shall be delivered at the same time and location as the Price Proposal. The *Fuel Usage Factor Chart and Estimate of Quantities* sheet shall be attached to the electronic bid file.

**Trade Secret** - Information submitted on the *Fuel Usage Factor Chart and Estimate of Quantities* sheet will be considered "Trade Secret" in accordance with the requirements of G.S. 66-152(3) until such time as the Price Proposal is opened.

**(B) Base Index Price**

The Design-Build Team's Estimate of Quantities will be used on the various partial payment estimates to determine fuel price adjustments. The Design-Build Team shall submit a payment request for quantities of work completed based on the work completed for that estimate period. The quantities requested for partial payment shall be reflective of the work actually accomplished for the specified period. The Design-Build Team shall certify that the quantities are reasonable for the specified period. The base index price for DIESEL #2 FUEL is **\$2.79** per gallon.

**(C) Opt Out of Fuel Price Adjustment**

If the Design-Build Team elects not to pursue reimbursement for Fuel Price Adjustments, quantity of zero shall be entered for all quantities in the *Fuel Usage Factor Chart and Estimate of Quantities* sheet and the declination box shall be checked. Failure to complete

- The 3 @ 72" culvert to bridge crossing (BP-024-2270) is not included in the Waccamaw River FEMA model although it would function as an overflow structure. It is located inside the floodplain and floodway for the Waccamaw River. Include this culvert to bridge site in the Waccamaw River model only. No additional/separate 6 section HECRAS model required. Provide information/analysis on the BSR for Hurricane Florence. This culvert crossing was previously a bridge site. The open area of this proposed bridge should not be less than the previous bridge at this location. Based on the 1985 BSR the previous bridge opening was 1000 square feet. The Department has supplied the bridge/culvert survey report from 1985. Per Divisions request, at minimum the proposed bridge should be 200' in length. Per FSM, it is recommended to use 4' caps. There is an existing levee east of Clifton's Landing Road and south of Dock Road. At minimum a 15' offset should be provided from this existing levee to the beginning of the proposed bridge. Provide Pre-1985, existing, and proposed open areas on the culvert to bridge report.
- Bridge 230033 is an overflow structure for Juniper Creek but is not in the FEMA Limited Detail Study. FEMA compliance is not required due to the structure not being in the existing model and since it is a Limited Detailed Study. The BSR should include analysis using the Juniper Creek FEMA model. Per the FSM, the minimum bridge length is 65' and 2'6" caps are recommended.
- All proposed permanent bridges are to maintain or increase the existing open areas.
- Modification to the Waccamaw River Floodway/Floodplain, including modeling of structures 230026, 230032 and the culvert to bridge crossings (BP-024-2270), will require coordination between NCDOT and NCFMP for compliance through the State Floodplain Compliance (SFC; formerly known as MOA). Design the structure at each location to meet the requirements of the State Floodplain Compliance (SFC) between NCDOT and NC Floodplain Mapping Program (NCFMP) approved December 14, 2022, for the Department's submittal to FEMA. A No-Rise or decrease shall be provided for the 25 and 100-year storm events. Therefore, a CLOMR is not an alternative.
- All detour structures at all bridge crossings should provide, at a minimum, the length of the existing structure. Per NCDOT Hydraulic Guidelines need to analyze detour structures for 10-year storm event. Freeboard will not be required for the 10- year event/level of service. If existing Dock Road overtops in less than a 10- year event will only need to maintain existing level of service. Need to evaluate potential impacts upstream due to temporary structures. Adequacy of the detour structures, that are relative as Waccamaw River overflow structures, can be analyzed as part of the Waccamaw River system/model. At the culvert to bridge crossing, the detour structure shall be a bridge with opening area no less than the 3 @ 72" culverts.
- All material installed/used during construction outside of the typical footprint, including all detour fill, shall be removed in the final design, in its entirety.