



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

J. ERIC BOYETTE
SECRETARY

March 10, 2022

Addendum No. 3

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. 3 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. 3 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

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

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

Sincerely,

DocuSigned by:
Ron Davenport
E81B6038A47A442...
R. E. Davenport, Jr., PE
State Contract Officer

RED:eaf

Cc: Mr. Drew Cox, PE
Mr. Christopher Werner, PE

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-- 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. 3 Dated March 10, 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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- 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, minimum length of 100 feet.
- 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.