



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

NICHOLAS J. TENNYSON
SECRETARY

September 4, 2015

Addendum No. 1

RE: Contract ID C203745

WBS # 50070.3.31

F. A. # BRSTP-0070(191)

Craven County (BP-5500FF)

Bridges #83 & #84 On US-70 and Bridge #222 On NC-55/US-17 Over Trent River

And Bridge #231 On NC-55/US-17 Over Neuse River

September 15, 2015 Letting

To Whom It May Concern:

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

The following revisions have been made to the proposal:

Page No.	Revisions
Proposal Cover	Note added that reads "Includes Addendum No. 1 Dated September 4, 2015".
ST-29	Revised Section "5.0 Equipment" within the project special provision entitled "Epoxy Overlay System"

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

The contract will be prepared accordingly.

Sincerely,

^{DS}

R. A. Garris, PE
Contract Officer

RAG/jag
Attachments

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT UNIT
1591 MAIL SERVICE CENTER
RALEIGH NC 27699-1591

TELEPHONE: 919-707-6900
FAX: 919-250-4119
WEBSITE: www.ncdot.gov

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B-2
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610

C203745

BP-5500FF
Craven County

cc: Mr. Ron Hancock, PE
Mr. John Rouse, PE
Ms. D. M. Barbour, PE
Mr. Rodger Rochelle, PE
Mr. Mike Gwyn
Ms. Marsha Sample
Ms. Lori Strickland
Project File (2)

Mr. Ray Arnold, PE
Ms. Theresa Canales, PE
Mr. Tom Koch, PE
Mr. R.E. Davenport, PE
Mr. Ken Kennedy, PE
Ms. Jaci Kincaid

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

PROPOSAL

INCLUDES ADDENDUM No. 1 DATED 09-04-15

DATE AND TIME OF BID OPENING: **SEPTEMBER 15, 2015 AT 2:00 PM**

CONTRACT ID C203745
WBS 50070.3.31

FEDERAL-AID NO. BRSTP-0070(191)

COUNTY CRAVEN

T.I.P. NO. BP-5500FF

MILES 2.760

ROUTE NO.

LOCATION BRGS #83 & #84 ON US-70 AND BRG #222 ON NC-55/US-17 OVER
TRENT RIVER AND BRG #231 ON NC-55/US-17 OVER NEUSE RIVER.

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

If the cleaning method, materials and installation procedure do not produce acceptable test results, the contractor must remove failed test patches, make the necessary adjustments, and retest all patches at no additional cost to the Department until satisfactory test results are obtained.

Epoxy based overlays shall not be placed on hydraulic cement concrete that is less than 28 days old. Patching and cleaning operations shall be inspected and approved prior to placing each layer of the overlay. Any contamination of the deck or intermediate courses, after initial cleaning, shall be removed.

The deck shall be completely dry at the time of application of the epoxy concrete overlay. Deck drains shall be closed off during application of epoxy overlay.

5.0 EQUIPMENT

Equipment shall consist of no less than an epoxy distribution system, aggregate spreader, application squeegee, vacuum truck, and a source of lighting if work is to be performed at night. The distribution system shall be mounted on a truck or other wheeled equipment or vehicle (not hand-held) and shall accurately measure and mix the epoxy resin and hardening agent, and shall uniformly and accurately apply the epoxy materials at the specified rate to the bridge deck in such a manner as to cover 100% of the work area. The aggregate spreader shall be propelled in such a manner as to uniformly and accurately apply the aggregate to cover 100% of the epoxy material. Aggregate shall be sprinkled or dropped vertically in a manner such that the level of the epoxy mixture is not disturbed. The vacuum truck shall be self-propelled.

6.0 APPLICATION

Handling and mixing of the epoxy resin and hardening agent shall be performed in a safe manner to achieve the desired result in accordance with the manufacturer's recommendations as approved and as directed by the Engineer. Epoxy overlay materials shall not be placed when weather or surface conditions are such that the material cannot be properly handled, placed, spread and cured within the specified requirements of traffic control.

The application rates of the liquid and stone in the 2 layers shall be as recommended by the manufacturer, but not less than the following rate of application.

Course	Min. Epoxy Rate (Gal./100 SF)	Min. Aggregate Rate (Lbs./Sq.Yd)
1	2.5	10
2	5	14