



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

ROY COOPER  
GOVERNOR

ERIC J. BOYETTE  
SECRETARY

December 10, 2021

**Addendum No. 5**

Contract No.: C204406  
WBS #: 48209.3.1  
Counties: Buncombe, Burke, McDowell, Mitchell  
Project Description: Four (4) Express Design-Build Bridge Replacements in Division 13, Set D

RE: Addendum No. 5 to Final RFP

**December 21, 2021 Letting**

To Whom It May Concern:

Reference is made to the Final Request for Proposals dated May 14, 2019. We have since incorporated changes, and Addendum No. 5 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-Yr8-Spring-Div13D](https://connect.ncdot.gov/letting/Pages/Design-Build-Letting-Details.aspx?let_id=Express-DB-Yr8-Spring-Div13D)

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 Nos. 7-9 of the *Project Special Provisions* have been revised. Please void Page Nos. 7-9 and replace them with the revised Page Nos 7-9.

Page No. 34 of the *Project Special Provisions* has been revised. Please void Page No. 34 and replace it with the revised Page No. 34.

The *Fuel Usage Factor Chart* Proposal Form has been deleted. Please void the *Fuel Usage Factor Chart* and refer to the link in the “Submittal of Quantities, Fuel Base Index Price and Opt-Out Option” in the *Project Special Provisions*.

If you have any questions or need additional information, I can be reached by telephone at (919) 707-6901.

Sincerely,

DocuSigned by:  
  
F81B6038A47A442...  
R. E. Davenport, Jr., PE  
State Contract Officer

RED:eaf

Cc: Mr. Mark Gibbs, PE  
Mr. Christopher Werner, PE  
Ms. Teresa Bruton, PE

Ms. Virginia Mabry  
File

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

**FINAL REQUEST FOR PROPOSALS**



**DESIGN-BUILD PROJECT**

**TIP B-6011, B-6013,  
B-6014 & B-6016**

**May 14, 2019**



**Including Addendum No. 5 Dated December 10, 2021**

DATE AND TIME OF PRICE PROPOSAL OPENING: **December 21, 2021 AT 2:00 PM**

CONTRACT ID: C204406

WBS ELEMENT NO.: 48209.3.1

FEDERAL-AID NO.: BRZ-1781(001)

COUNTIES: Buncombe, Burke, McDowell and Mitchell Counties

ROUTE NO. Various

MILES: 0.281 miles

LOCATION: Replacement of Four Bridges in Buncombe, Burke, McDowell and Mitchell Counties

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

To forego this option, the Design-Build Team shall enter a unit cost and amount for each of the specific unit price and lump sum items for the bridge site and the amount for the Alternate Lump Sum Bid for Bridge #\_\_\_\_\_ shall be left blank.

Payment will be made under:

**Pay Item**

Alternate Lump Sum Bid for Bridge #\_\_\_\_\_

**Pay Unit**

Lump Sum

**MOBILIZATION**

(8-28-17)

DB1 G15A

Revise the 2018 *Standard Specifications for Roads and Structures* as follows:

**Page 8-1, Subarticle 800-2, MEASUREMENT AND PAYMENT**

Delete this subarticle in its entirety and replace with the following:

**800-2 MEASUREMENT AND PAYMENT**

Ten percent of the “Total Amount of Bid for Entire Project” shall be considered the lump sum amount for Mobilization. Partial payments for Mobilization will be made beginning with the first partial pay estimate paid on the contract. Payment will be made at the rate of 40 percent of the lump sum amount calculated for Mobilization. The remaining 60 percent will be paid with the second partial pay.

**SEQUENCE AND SCHEDULE RESTRICTIONS**

The Design-Build Team first priority bridge replacements shall be Bridge Nos. 100142 and 110145 to the greatest extent possible.

The Design-Build Team shall not perform in-water work or land disturbance within a 25-foot wide buffer zone between October 15 and April 15 at Bridge No. 100142. Reference Environmental Permits Scope of Work.

**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/Design%20Build%20Resources/Express%20Design%20Build%20Fuel%20Usage%20Factor%20Chart%20and%20Estimate%20of%20Quantities.pdf>

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 **\$ 2.46** per gallon.

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

If the Design-Build Team elects not to pursue reimbursement for Fuel Price Adjustments, a 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 and submit the *Fuel Usage Factor Chart and Estimate of Quantities* form will mean that the Design-Build Team is declining the Fuel Price Adjustments for this project.

**(D) Fuel Usage Factor for Asphalt Line Items**

If the Design-Build Team elects to pursue reimbursement for Fuel Price Adjustments, the Design-Build Team shall select either the 0.90 **or** 2.90 Fuel Usage Factor for each individual asphalt line item by marking the appropriate Factor on the *Fuel Usage Factor Chart and Estimate of Quantities* sheet. If the Design-Build Team does not mark either Fuel Usage Factor or marks both Fuel Usage Factors for an asphalt line item, the 2.90 Fuel Usage Factor shall be used for that asphalt line item.

**(E) Change Option**

The proposer will not be permitted to change the option after the Price Proposal and the *Fuel Usage Factor Chart and Estimate of Quantities* sheet is submitted.

**(F) Failure to Submit**

Failure to submit the completed *Fuel Usage Factor Chart and Estimate of Quantities* sheet will result in the Price Proposal being considered irregular by the Department and the Price Proposal may be rejected.

**CONFIDENTIAL QUESTIONS**

(1-5-07)

DB1 G56B

The Design-Build Team will be permitted to ask confidential questions of the Department, which neither the question nor answer will be shared with other proposing teams. For the purpose of this provision, “confidential question” is defined as a private inquiry containing information whose disclosure could alert others to certain details of doing business in a particular manner. The Department will determine if the question is considered a confidential question.

- I. Confidential questions arising prior to issuance of the Final Request for Proposals will be allowed at the External RFP review with the individual teams.

The Department will answer the confidential question verbally at the meeting if possible. If not answered verbally during the meeting, the Department will answer the confidential question by subtle changes in the Final Request for Proposals, which will clarify the scope by either allowing or disallowing the request. The revision will be made in such a manner as to not disclose the confidential question.

- II. After the issuance of the Final Request for Proposals, confidential questions may be asked by requesting a meeting with the Contract Officer. The request shall be in writing and provide sufficient detail to evaluate the magnitude of the request. Questions shall be of such magnitude as to warrant a special meeting. Minor questions will not be acknowledged or answered.

After evaluation, the Contract Officer will respond to the question in writing to the Design-Build Team only. Other teams will not be notified of the question or answer.

**VALUE ANALYSIS**

(9-1-11)

EDB1 G57

Value Engineering Proposals, as specified in Article 104-12 of the 2018 *Standard Specifications for Roads and Structures*, and as modified in the Standard Special Provision entitled “Value Engineering Proposals” will be accepted. Only proposals, which alter the requirements of the RFP issued by the Department, will be considered as Value Engineering Proposals.



**Description**

Where shown in the plans developed by the Design-Build Team, the Contractor shall use Reinforced Concrete Pipe, Corrugated Aluminum Alloy Pipe, Aluminized Corrugated Steel Pipe, Corrugated Polyethylene Pipe (HDPE Pipe) or Polyvinyl-Chloride Pipe (PVC Pipe) in accordance with the following requirements:

All pipe types are subject to the maximum and minimum fill height requirements as found on Roadway Standard Drawing 300.01 - Sheet 3 of 3. The appropriate Reinforced Concrete Pipe class and the appropriate gage thickness for Corrugated Aluminum Alloy Pipe and Aluminized Corrugated Steel Pipe shall be selected based on fill height.

Site specific conditions may limit a particular material beyond what is identified in this Special Provision. These conditions include, but are not limited to, abrasion, environmental, soil resistivity and pH, high ground water and special loading conditions. The Design-Build Team shall determine if additional restrictions are necessary.

Slope drains shall be Corrugated Aluminum Alloy Pipe, Aluminized Corrugated Steel Pipe, Corrugated Polyethylene Pipe (HDPE Pipe) or Polyvinyl-Chloride Pipe (PVC Pipe).

Transverse median drains and open-ended cross drains shall be Reinforced Concrete Pipe, Corrugated Aluminum Alloy Pipe, Aluminized Corrugated Steel Pipe, Corrugated Polyethylene Pipe (HDPE Pipe) or Polyvinyl-Chloride Pipe (PVC Pipe).

Storm drain system pipes shall be Reinforced Concrete Pipe, Corrugated Polyethylene Pipe (HDPE Pipe) or Polyvinyl-Chloride Pipe (PVC Pipe).

**PRICE ADJUSTMENTS FOR ASPHALT BINDER**

(9-1-11) (Rev. 9-8-17)

DB6 R25

Price adjustments for asphalt binder for plant mix will be made in accordance with Section 620 of the 2018 *Standard Specifications for Roads and Structures*.

When it is determined that the monthly selling price of asphalt binder on the first business day of the calendar month during which the last day of the partial payment period occurs varies either upward or downward from the Base Price Index, the partial payment for that period will be adjusted. The partial payment will be adjusted by adding the difference (+ or -) of the base price index subtracted from the monthly selling price multiplied by the total theoretical quantity of asphalt binder authorized for use in the plant mix placed during the partial payment period involved.

The base price index for asphalt binder for plant mix is **\$ 521.36** per ton.

This base price index represents an average of F.O.B. selling prices of asphalt binder at supplier's terminals on **December 1, 2021**.