



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

BEVERLY EAVES PERDUE
GOVERNOR

EUGENE A. CONTI, JR.
SECRETARY

February 6, 2012

Addendum No. 2

Contract No.: C 202924
TIP No.: 17BP.14.R.83
County: Cherokee, Jackson, Macon and Swain
Project Description: Replacement of One Bridge in Cherokee County, Two Bridges in Jackson County, One Bridge in Macon County and One Bridge in Swain County

RE: Addendum No. 2 to Final RFP

February 21, 2012 Letting

To Whom It May Concern:

Reference is made to the Final Request for Proposals dated January 6, 2012 recently furnished to you on the above project. We have since incorporated changes, and have attached a copy of Addendum No. 2 for your information. Please note that all revisions have been highlighted in gray and are as follows:

Page 3 in the *Project Special Provisions* have been revised. Please void Page No. 3 in your proposal and staple the revised Page No. 3 thereto.

Page 49 in the *Structure Scope of Work* has been revised. Please void Page No. 49 in your proposal and staple the revised Page No. 49 thereto.

Page 80 in the *Right of Way Scope of Work* has been revised. Please void Page No. 80 in your proposal and staple the revised Page No. 80 thereto.

If you have any questions or need additional information, I can be reached by telephone at (919) 707-6900.

Sincerely,

R.A. Garris, P.E.
Contract Officer

RAG/vm

cc: Mr. Victor Barbour, PE
Mr. Rodger Rochelle, PE
Ms. Teresa Bruton, PE

Joel Setzer, PE
Ms. Virginia Mabry

MAILING ADDRESS:
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Contract Standards and Development Unit
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Century Center Complex
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bent. Work will include all materials, labor, and equipment to install and construct the foundations, including pile auguring as necessary, regardless of the number of piles per end bent, including that portion of the piles that extend into the end bent cap.

Payment will be made under:

Pay Item	Pay Unit
Average Foundation Length at End Bent #1	Linear Feet
Average Foundation Length at End Bent #2	Linear Feet

End Bents (Each): End Bents will be measured and paid for by each. Work will include all material, labor, and equipment to construct each end bent, including the necessary bearing devices, anchors bolts or other such connection, and wing walls. This work will also include all material, labor, and equipment to construct a cast-in-place abutment end bent at those sites specified in the Structures Scope of Work.

Payment will be made under:

Pay Item	Pay Unit
End Bents	Each

Design and Construction (LS): *Design and Construction* will be paid for as lump sum. No measurement will be made. Work will include all material, labor and equipment to complete all of the work required by the contract excluding those specific contract unit price items listed above. Work will include all preconstruction activities including, but not limited to, design, permitting, utility coordination services and other preconstruction services, regardless of the final design, bridge length, foundation length, or number of interior bents. Work will also include all other construction required by the contract including, but not limited to, erosion and sediment control, earthwork, drainage, pavement, signing, bridge approach fills, approach slabs, removal of the existing structure, and guardrail. Work will also include all construction engineering and inspection, surveying and geotechnical investigative work as may be required by the contract. Work will also include any additional materials and labor needed to provide up to a 1'-6" increase in the existing roadway grade to accommodate other contract requirements, including most notably FEMA compliance.

Right of Way Acquisition (EA): *Right of Way Acquisition* services will be paid for per each parcel from which a utility easement and/or right of way is required. Work will include all labor and services necessary to acquire the easements/right of way as required by the Right of Way Scope of Work.

Adjustments to Quantities and Payment

The Itemized Proposal Sheet provides the quantity of linear feet of *Bridge Length* and *Foundation Length* to be bid for each bridge site. By submitting this Price Proposal, the Design-Build Team acknowledges that these quantities are intended for bidding purposes and may or may not be the final design quantities. In the event that the final design quantities for *Bridge Length* and *Foundation Length* differ from those presented in the Itemized Proposal Sheet,

STRUCTURES SCOPE OF WORK (1-5-12)**Project Details:**

The Design-Build Team will be responsible for all structures necessary to complete the project in accordance with the table provided herein. Reference the Project Special Provision entitled "Measurement and Payment" for a description of pay items and resolution of differences between the quantities and data provided herein and the final design prepared by the Design-Build Team and approved by the Department.

All bridge lengths stated herein are based on an assumed end bent cap depth of 2'-6" except those sites requiring a cast-in-place abutment wall. Provided all other contract requirements are met, the Design-Build Team may elect to shorten these lengths by using a 4'-0" end bent cap depth in accordance with the G. R. Perfetti memorandum dated December 21, 2011. If this option is exercised, adjustments in the pay quantity for Bridge Length will be made in accordance with the Measurement and Payment Project Special Provision. No additional payment for the deeper end bent cap will be made.

All bridges shall be cored slab or box beam designs. Cored slab and box beam structures shall have a bituminous concrete overlay riding surface. Cored slab/box beam depths may vary per span if necessary.

Vertical grades for cored slab and box beam structures shall be limited to 4% to the greatest extent practicable; however, this grade may be steeper (no greater than 6%) if the Design-Build Team can adequately demonstrate that the bridge can be constructed with adequate connection details and without additional future maintenance concerns.

Cast-in-place abutment end bents are required at both ends of Bridge Nos. 490252 and 860131.

Unless noted otherwise in the RFP, provide 42" Vertical Concrete Barrier Rail. Standards for a 42" TL-4 approved Vertical Concrete Barrier Rail will be available for use. An alternate 42" minimum height rail submittal will be considered provided it meets the AASHTO LRFD crash test criteria for the design speed at the site.

The Design-Build Team shall be responsible for Tennessee Valley Authority review and approval as required by Section 26a of the Tennessee Valley Authority Act of 1933, as amended, for all bridge sites. The team shall act as agent on the TVA permit application and the Department will be the applicant. The team shall supply said approval to the Department prior to beginning work on any bridges. A copy of the executed TVA Section 26a Permit or waiver letter shall be forwarded to the Department. Watershed Team contacts may be found at the following website.

<http://www.ncdot.gov/doh/preconstruct/highway/structur/tva/m021110.pdf>

recommendation of the reviewer. The Design-Build Team's reviewer shall be on the Department's approved state certified reviewer appraiser list. The Design-Build Team may request its state certified review appraiser to be added to the approved state certified reviewer appraiser list, subject to approval by the Department's State Appraiser. Any appraisal over \$1,000,000.00 must have 2 appraisals.

- The Design-Build Team shall provide a right of way certification prior to entering the property.

Claims Less Than \$25,000

For claims with compensation estimated to be less than \$25,000, the Design-Build Team may prepare Right of Way Claim Reports. The reports shall be approved by the Division Right of Way Agent and must be accompanied by documentation showing the source of the estimates.