



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY  
GOVERNOR

LYNDO TIPPETT  
SECRETARY

May 4, 2006

**Addendum No. 3**

RE: Contract ID: C201279  
TIP Number: R-4463B  
Craven County  
Project Description: NC 43 Connector from US 70 to NC 43 / NC 55

**May 18, 2006 Letting**

To Whom It May Concern:

Reference is made to the Final Request for Proposal recently furnished to you on the above project.

The *COVER SHEET*, the *TABLE OF CONTENTS*, the *PROJECT SPECIAL PROVISION PAYOUT SCHEDULE* (Page 4), the *GENERAL SECTION* (Page 39) and the *ENVIRONMENTAL PERMITS SCOPE OF WORK* (Page 67) have been revised. In view of the number of revised pages in the Final RFP, one original (labeled) and two copies of the Final RFP dated (May 1, 2006) that includes all addenda is being provided to the short-listed Design-Build Teams. The new Final RFP (May 1, 2006) shall be used to submit the Price Proposal.

An unbound copy of the RFP is supplied for your internal use. It is the Design-Build Team's responsibility to insure that the unbound copy is complete and includes all the information contained in the bound RFP. The Department assumes no responsibility and makes no claims for its use.

Sincerely,

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

c: Mr. Steve DeWitt, PE (w/)  
Mr. Steve Varnedoe, PE

Mr. Shannon Sweitzer, PE (w/)  
Mr. Ron Hancock, PE (w/)

**MAILING ADDRESS:**  
NC DEPARTMENT OF TRANSPORTATION  
PROJECT SERVICES UNIT  
1591 MAIL SERVICE CENTER  
RALEIGH NC 27699-1591

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**WEBSITE:** [WWW.DOH.DOT.STATE.NC.US](http://WWW.DOH.DOT.STATE.NC.US)

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

Ms. Deborah Barbour, PE  
Mr. Victor Barbour, PE (w/)  
Mr. Art McMillan, PE  
Mr. Clarence Coleman, PE FHWA (w/)  
Mr. Phillip Harris, PE  
Mr. Rodger Rochelle, PE (w/)  
Ms. Marsha Sample (w/)  
Ms. Teresa Bruton, PE (w/)  
Mr. Andy Gay (w/)  
Ms. Betty Rawls (w/)

Mr. Ron Davenport, PE (w/)  
Mr. Ed Eatmon, PE (w/)  
Ms. Elizabeth Lusk - Environmental Permits (w/)  
Mr. Neil Lassiter, PE  
Mr. Ellis Powell, PE  
Dr. Greg Thorpe, Ph.D.  
Ms. Virginia Mabry (w/)  
Technical Review Committee Members (w/)  
File (w/)

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

**FINAL RFP**

Includes

Addendum No. 1 March 16, 2006

Addendum No. 2 April 10, 2006

Addendum No. 3 May 1, 2006



**DESIGN-BUILD PROJECT**

**TIP R-4463B**

**May 1, 2006**

*VOID FOR BIDDING*

DATE AND TIME OF TECHNICAL AND PRICE PROPOSAL SUBMISSION: **May 12, 2006 AT 4:00 PM**

DATE AND TIME OF PRICE PROPOSAL OPENING: **May 18, 2006 AT 10:00 AM**

CONTRACT ID: C 201279

WBS ELEMENT NO. 35601.3.2

COUNTY: Craven

ROUTE NO. NC 43 Connector

MILES: 2.5 miles

LOCATION: NC 43 Connector from US 70 to NC 43 / NC 55

TYPE OF WORK: DESIGN-BUILD AS SPECIFIED IN THE SCOPE OF WORK  
CONTAINED IN THE DESIGN-BUILD PACKAGE

**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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**Detour installation**

Road openings

Beginning and end of each traffic control phase or work area

Construction completion date

Contract completion date

As part of the project schedule package, the Design-Build Team shall provide a written narrative that explains the sequence of work, the controlling operation or operations, intermediate completion dates, milestones, project phasing, anticipated work schedule, and estimated resources. In addition, the Design-Build Team shall explain how permit requirements, environmental requirements, submittal tracking, and coordination with subcontractors, utility companies and other entities will be performed.

The Design-Build Team shall provide a written narrative each month detailing the work and percentage of work completed, anticipated sequence of upcoming work (2 month forecast), controlling operation/s, interim completion dates/times, and milestones. If any milestones are exceeded or will not be attained, the Design-Build Team shall provide in the written narrative details of the delay; controlling operation affected, impacts to other operations; revisions to future interim completion dates and milestones; and remedial action necessary to get the project back to the original completion date.

**COMPENSATION**

Payment at the Lump Sum unit price for the contract will be full compensation for all work covered by this section.

DB1 G12

**PAYOUT SCHEDULE** (5-01-06)

No later than three business days prior to the opening of the Price Proposal, the proposer shall submit a proposed "Anticipated Monthly Payout Schedule" to the office of the State Contract Officer. The Anticipated Monthly Payout Schedule will be used by the Department, to establish the monthly funding levels for this project. The Anticipated Monthly Payout Schedule shall parallel, and agree with, the project schedule the Design Build Team submits as a part of their Technical Proposal. The schedule shall include a monthly percentage cost breakdown of the work anticipated to be completed. The schedule shall begin with the Date of Availability and end with the Actual Completion Date proposed by the Design Build Team. **If the Payout Schedule is not submitted as outlined above, the Technical and Price Proposals shall be considered irregular by the Department and the bid may be rejected.**

DB1 G13

**FUEL PRICE ADJUSTMENT** (10-4-05)

Fuel price adjustments will be made to the payments due the Design-Build Team for specific items of work shown in the Fuel Usage Factor Chart, when the average terminal price has fluctuated from the Base Index Price contained in the contract. The average terminal price is the average of the F.O.B. price for diesel fuel at the terminals in Charlotte, Wilmington and Selma, North Carolina. When the average terminal price fluctuates upward or downward from the Base Index Price, an amount will be added to or deducted from the monies due the Design-Build Team as follows.

- Identify methods of construction in wetlands.
- Describe any Notice of Violations (NOV's) or Immediate Corrective Actions (ICA's) the Design-Build Team has received and the disposition of any NOV's or ICA's.
- Describe the Design-Build Teams approach to Sedimentation and Erosion Control for the project.
- Describe efforts to minimize excavation within the contaminated sites and associated disturbance to underlying soil.

### ***Design Features – 17 points***

- Show plan view of design concepts with key elements noted.
- Identify preliminary horizontal and vertical alignments of all roadway elements.
- Show typical sections for the mainline of the project.
- Identify drainage modifications and designs to be implemented that suitably convey water throughout the roadway project limits, and if required by the Design-Build Team's design, outside the roadway project limits.
- Identify the appropriate design criteria for each feature if not provided.
- Identify all bridge types to be constructed, including any special design features or construction techniques needed.
- Identify any deviations, including proposed design exceptions, from the established design criteria that will be utilized. Explain why the deviation is necessary. Describe any Geotechnical investigations to be performed by the Design-Build Team.
- Identify any special aesthetics considerations that will be part of the design..
- Describe how any utility conflicts will be addressed and any special utility design considerations. Describe how the Design-Build Team's design and construction methods minimize the Department's utility relocation costs.
- Identify types of any retaining walls and /or noise walls if applicable.
- Address the approach to coordinating any necessary efforts with railroad owners.

### **3. Long Term Maintenance – 5 points**

- Describe any special materials, not referenced elsewhere in the contract, incorporated into the project that would result in long term reduction in maintenance.
- Describe any special designs or construction methods that would reduce future maintenance costs to the Department.
- Describe any additional commitments that the Design-Build Team is including that decrease future maintenance costs.
- Estimate a minimum ten-year cost savings resulting from incorporation of these special materials, design, or construction methods into the project.

### **4. Schedule and Milestones – 20 points**

- Provide a schedule for the project including both design and construction. The schedule shall show the sequence and continuity of operations, as well as the month of delivery of usable segments of the project.
- The schedule shall also include the Design-Build Team's final completion date and, if proposed, their substantial completion date. **These dates shall be clearly indicated on the Project Schedule and labeled "Final Completion Date" and "Substantial Completion Date"**.

**Major Permit Application Process (5-01-06)**

It shall be the Design-Build Team's responsibility to acquire information and prepare permit drawings that reflect the impacts and minimization efforts resulting from the Merger 01 Process and as designed. Further, it shall be the Design-Build Team's responsibility to provide these permit impact sheets (drawings) depicting the design and construction details to the Department as part of the permit application. The Design-Build Team shall be responsible for developing the permit application for all jurisdictional impacts. The permit application shall include all utility relocations on R-4463B and any known utility relocations on R-4463A. The permit application is to consist, at a minimum, of the following:

- Cover Letter
- Minutes from the 4B and 4C meetings
- Permit drawings
- Half-size plans
- Completed forms (Section 404, etc.) appropriate for impacts

Direct coordination between the Design-Build Team, the Department's Alternative Delivery Systems Engineer, Resident Engineer, and the Natural Environment Unit (PDEA-NEU) shall be necessary to ensure proper permit application development. Upon completion of the permit application package, the Design-Build Team shall forward the package to the Alternative Delivery Systems Engineer, Resident Engineer, Division Environmental Officer (DEO) and PDEA-NEU for review and approval. The Department will subsequently forward the package to the appropriate agencies to have the permit application placed on public notice to reflect the details.

The Department will re-verify and update, as needed, the required environmental data that expires prior to the completion of the activity causing the impact in the jurisdictional areas. These include, but are not limited to, federally protected species, re-verification of wetland jurisdictional areas, historic and archaeological sites, and 303d (impaired) streams.

Any temporary construction measures, including de-watering, construction access, etc. must be addressed in the permit application. Impacts that result from so-called temporary measures may not be judged to be temporary impacts by the agencies. These issues shall be addressed and reviewed by PDEA-NEU prior to the 4B and 4C meetings and resolved with the agencies during the 4B and 4C meetings.

The Design-Build Team shall clearly indicate the location of and impacts of haul road and utility relocations on jurisdictional areas. The Design-Build Team shall also identify all proposed borrow and waste sites. These details shall be included in the permit application data. Further,