



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

May 31, 2017

Addendum No. 1

Contract No.: C204037
T.I.P. B-5507
Counties: Chowan County
Project Description: Three (3) Express Design-Build Bridge Replacements in Division 1
RE: Addendum No. 1 to Final RFP

June 20, 2017 Letting

To Whom It May Concern:

Reference is made to the Final Request for Proposals dated May 16, 2017. We have since incorporated changes, and Addendum No. 1 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-Yr6-Summer-Div01

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 first page of the Table of Contents has been revised. Please void the first page in your proposal and replace it with the revised first page.

Page No. 1 of the *Project Special Provisions* has been revised. Please void Page No. 1 in your proposal and replace it with the revised Page No. 1.

Page Nos. 51 and 52 of the *Structures Scope of Work* has been revised. Please void Pages No. 51 and 52 in your proposal and replace them with the revised Page Nos. 51 and 52.

The *Itemized Proposal Sheets* have been revised. Please void these sheets in your proposal and replace them with the revised *Itemized Proposal Sheets*.

Mailing Address:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS
AND DEVELOPMENT
1591 MAIL SERVICE CENTER
RALEIGH, NC 27699-1591

Telephone: (919) 707-6900
Fax: (919) 250-4119
Customer Service: 1-877-368-4968

Website: www.ncdot.gov

Location:
1020 BIRCH RIDGE DRIVE
RALEIGH, NC 27610

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

Sincerely,

DocuSigned by:

F81B6038A47A442...
R. E. Davenport, Jr., PE
State Contract Officer

RED:eaf

cc: Mr. Jerry Jennings, PE
Mr. Mike Holder, PE
File

Ms. Virginia Mabry
Ms. Teresa Bruton, PE

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

FINAL REQUEST FOR PROPOSALS



DESIGN-BUILD PROJECT

T.I.P. B-5507

May 16, 2017



Includes Addendum No. 1 Dated May 31, 2017

VOID FOR BIDDING

DATE AND TIME OF PRICE PROPOSAL OPENING: **June 6, 2017 AT 2:00 PM**

CONTRACT ID: C204037

T.I.P. B-5507

COUNTY: Chowan County

ROUTE NO. NC 32

MILES: 0.542 mile

LOCATION: Replacement of 3 Bridges in Chowan 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

TABLE OF CONTENTS**COVER SHEET****PROPOSAL SHEETS****PROJECT SPECIAL PROVISIONS***PAGE NO.*

Contract Time Incentive and Disincentive	1
Intermediate Contract Time Number 1 and Liquidated Damages	1
Other Liquidated Damages	2
Measurement and Payment	2
Design and Construction Itemization.....	5
Alternate Lump Sum Bid	5
Mobilization	6
Submittal of Quantities, Fuel Base Index Price and Opt-Out Option.....	7
Confidential Questions.....	7
Value Analysis	8
Schedule of Estimated Completion Progress	9
Minority Business Enterprise and Women Business Enterprise	9
Resource Conservation and Environmentally Sustainable Practices	23
Subsurface Information.....	24
Domestic Steel	24
Twelve Month Guarantee	24
Outsourcing Outside the USA	25
Iran Divestment Act.....	25
Permanent Vegetation Establishment	26
Erosion & Sediment Control/Storm Water Certification.....	26
Procedure for Monitoring Borrow Pit Discharge.....	32
Clearing and Grubbing.....	33
Pipe Installation	34
Drainage Pipe	34
Price Adjustments for Asphalt Binder	35
Price Adjustments - Asphalt Concrete Plant Mix	35
Temporary Portable Traffic Signal System	35
Temporary Stationary Traffic Signal System	39
Asbestos Assessment for Bridge Demolition and Renovation Activities.....	40
GENERAL.....	42

SCOPES OF WORK

Roadway	48
Structures	51
Hydraulics Design.....	54
Geotechnical Engineering.....	57

Pavement Management.....	62
Traffic Engineering.....	63
Environmental Permits.....	70
Erosion and Sedimentation Control.....	73
Utilities Coordination.....	79
Right of Way.....	84

STANDARD SPECIAL PROVISIONS

Value Engineering Proposals.....	88
Plant and Pest Quarantines.....	89
Gifts from Vendors and Contractors	90
Liability Insurance	91
State Highway Administrator Title Change.....	91
Subletting of Contract.....	91
Name Change for NCDENR.....	91
Select Granular Material.....	91
Bridge Approach Fills.....	92
Class IV Aggregate Stabilization.....	93
Aggregate Base Course.....	94
Asphalt Pavements – Superpave.....	94
Asphalt Binder Content of Asphalt Plant Mixes	99
Asphalt Plant Mixtures	99
Subsurface Drainage.....	99
Guardrail Anchor Units, Type 350 (TL-3)	99
Preformed Scour Hole With Level Spreader Apron	100
Street Signs and Markers and Route Markers.....	101
Materials	102
Select Material, Class III, Type 3	113
Shoulder and Slope Borrow	114
Grout Production and Delivery	114
Geosynthetics.....	119
Temporary Shoring.....	124
Grout References for Positive Protection	136
On-the-Job Training.....	136
Availability of Funds – Termination of Contracts.....	139
NCDOT General Seed Specifications for Seed Quality	140
Errata.....	143
Award of Contract.....	145
Minimum Wages.....	151
Division One	152

PROPOSAL FORMS - ITEMIZED SHEET, ETC.

Itemized Proposal Sheet

CONTRACT TIME INCENTIVE AND DISINCENTIVE:

(07/12/07) (Rev.5-25-17)

DBI G04A

The date of availability for this contract is **July 17, 2017**, except that the Design-Build Team shall not begin ground disturbing activities, including utility relocation (this does not include permitted investigative borings covered under a Nationwide Permit No. 6) until a meeting is held between the NCDOT, the regulatory agencies and the Design Build-Team.

The Design-Build Team shall not begin ground disturbing activities at any given site, until the applicable permits have been acquired for that site as stipulated in the Environmental Permits Scope of Work contained elsewhere in this Request for Proposals (RFP).

The completion date for this contract is **November 15, 2018**.

It is mutually agreed that time is of the essence in completing this contract and opening same to traffic. It is further mutually agreed a delay in completing this work will result in damage due to increased engineering and inspection costs to the Department of Transportation, great hardship to the general public, public inconvenience, obstruction of traffic, interference with business, and increased cost of maintaining traffic.

By reason of the necessity of expeditious completion of the work included in this contract, and placing and maintaining traffic on same, it is mutually agreed, the Contractor shall receive an incentive payment of **One Thousand Dollars (\$ 1,000.00)** per calendar day for each day prior to **November 15, 2018** that this work is completed. Incentive payment shall be limited to a maximum of **Sixty Thousand Dollars (\$ 60,000.00)**. No incentive payment shall be allowed for any calendar day after **November 15, 2018** that this work remains incomplete. This **November 15, 2018** date shall be utilized in determining incentive payments and it shall not be revised for any reason whatsoever. Incentive payment determined to be due the Contractor shall be paid by the Department within forty-five (45) calendar days after completion of all work. No incentive payment shall be allowed if the contract is terminated under the provisions of Article 108-13 of the *2012 Standard Specifications*.

Disincentive of **One Thousand Dollars (\$ 1,000.00)** per calendar day shall be assessed the Contractor for each day beyond **November 15, 2018** for this contract that the work is not completed.

The Engineer shall withhold the disincentives as they accrue from the amount of monies due on work performed in the contract.

When observation periods are required by the special provisions, they are not a part of the work to be completed by the completion date and/or intermediate contract times. Should an observation period extend beyond the final completion date, the acceptable completion of the observation period shall be a part of the work covered by the performance and payment bonds.

STRUCTURES SCOPE OF WORK

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 4 feet.

All bridges shall be pre-stressed concrete girder bridges with cast in place concrete deck. Superstructure depths may vary per span if necessary.

Design-Build Team shall provide, F-Shape Concrete Barrier Rail per Structures Management Manual on both sides for all bridges. Precast barriers will not be allowed.

All steel piles used in end bents shall be galvanized from the top of the pile to a minimum of 20' below the bottom of the end bent cap. Concrete pile collars are not required. All steel piles used in interior bents shall be galvanized in accordance with the most recent Structure Design *Corrosion Protection for Steel Piles* policy memo. The Design-Build Team may use either steel or concrete piles at all bents locations.

The Design-Build Team shall provide temporary bridges for options of the on-site detours at Bridge Nos. 200020, 200021, and 200024. Placement of rip rap in the stream will not be allowed and 5 foot offsets from the top of banks shall be required at all temporary bridges.

Bridge Removal:

The Design-Build team is responsible for the removal and disposal of all existing bridges, piles, abutments, and previous bridge substructure remnants per NCDOT's *Best Management Practices of Maintenance and Construction Activities* and the Standard Specifications, except as otherwise noted herein.

For existing bridges that have paint systems containing red lead paint, the Design-Build Team is responsible for handling, removing, shipping, and disposing of these materials in accordance with the January 2012 *NCDOT Standard Specifications for Roads and Structures*. The existing bridges shall be removed in accordance with Subarticle 402-2(A) and (B) of the 2012 *Standard Specifications for Roads and Structures*. Red lead paint, if present on the stockpiled items, need not be removed by the Design-Build Team.

The existing steel I-beam crutch bents on all bridges are to be removed, disassembled and stockpiled by the Design-Build Team for salvage by the Department. The Design-Build Team shall notify the Division Bridge Maintenance Engineer, Mr. Ryan Shook at (252) 482-1871 three (3) days prior to the availability of the materials. The Design-Build Team shall load these onto Department equipment for the Department forces to haul offsite.

At Bridge Nos. 200020, 200021, and 200024 the existing concrete end bents shall be cut 3-ft below the proposed low chord elevation and left in place. The Design-Build Team shall attempt to pull out the existing piles fully; however, if not successful; cut the piles off at the mud line.

Structure Number	Site Description	Out- Out Width (ft)	Fill Face to Fill Face Length (ft)	Bent Placement Limitations	# of Spans	End Bent #1 Foundation Length (& est tip elev)	End Bent #2 Foundation Length (& est tip elev)	Interior Bent Foundation Length (& est tip elev)	Foundation Type
200020	NC 32 over Dillard Creek	43.25	85	None	2	60 (-53)	60 (-53)	70 (-63)	Steel Piles @ End Bents & Interior Bents
200021	NC 32 over Sand Run	43.25	70	None	2	70 (-58)	70 (-58)	80 (-68)	Steel Piles @ End Bents & Interior Bents
200024	NC 32 over Warwick Swamp	43.25	100	None	2	80 (-72)	80 (-72)	90 (-82)	Steel Piles @ End Bents & Interior Bents

NOTES:

Assumed Foundation Type at End Bents is Driven Steel H-Piles with factored resistance of 90 tons per NCDOT LRFD Driven Pile Policy.

Assumed Foundation Type at Interior Bents is Driven Steel H-Piles with factored resistance of 90 tons per NCDOT LRFD Driven Pile Policy.

The estimated tip elevations are based on an examination of the borings and taking into account roughly 10 feet (for interior bents) of scour depth and are shown for informational purposes. The estimated tip elevations are not necessarily true elevations but may instead relate to an assumed benchmark noted on the boring logs; benchmarks were not always accessible at the time of borings. Foundation length was determined by comparing the existing grade and bridge seat elevations with the estimated pile tip elevations, taking into account any adjustment needed to the assumed benchmark, as appropriate.

County : Chowan

*** OR ***

0010	0000900000-N	SP	GENERIC MISCELLANEOUS ITEM ALTERNATE LUMP SUM BID FOR BRIDGE #200020	Lump Sum	L.S.
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***** END SCHEDULE AA *****

***** BEGIN SCHEDULE AB *****
***** (2 ALTERNATES) *****

0011	0000915000-N	SP	GENERIC MISCELLANEOUS ITEM END BENTS STRUCTURE #200021	2 EA
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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
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0012	0000915000-N	SP	GENERIC MISCELLANEOUS ITEM INTERIOR BENT CAPS STRUCTURE #200021	1 EA
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0013	0000930000-E	SP	GENERIC MISCELLANEOUS ITEM AVE FOUNDATION LENGTH AT END BENT #1 STRUCTURE #200021	70 LF
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0014	0000930000-E	SP	GENERIC MISCELLANEOUS ITEM AVE FOUNDATION LENGTH AT END BENT #2 STRUCTURE #200021	70 LF
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0015	0000930000-E	SP	GENERIC MISCELLANEOUS ITEM AVE FOUNDATION LENGTH AT INTE- RIOR BENT #1 STRUCTURE #200021	80 LF
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0016	0000930000-E	SP	GENERIC MISCELLANEOUS ITEM BRIDGE LENGTH STRUCTURE #200021	70 LF
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*** OR ***

0017	0000900000-N	SP	GENERIC MISCELLANEOUS ITEM ALTERNATE LUMP SUM BID FOR BRIDGE #200021	Lump Sum	L.S.
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***** END SCHEDULE AB *****

***** BEGIN SCHEDULE AC *****

County : Chowan

***** (2 ALTERNATES) *****

0018	0000915000-N	SP	GENERIC MISCELLANEOUS ITEM END BENTS STRUCTURE #200024	2	EA
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0019	0000915000-N	SP	GENERIC MISCELLANEOUS ITEM INTERIOR BENT CAPS STRUCTURE #200024	1	EA
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0020	0000930000-E	SP	GENERIC MISCELLANEOUS ITEM AVE FOUNDATION LENGTH AT END BENT #1 STRUCTURE #200024	80	LF
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0021	0000930000-E	SP	GENERIC MISCELLANEOUS ITEM AVE FOUNDATION LENGTH AT END BENT #2 STRUCTURE #200024	80	LF
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0022	0000930000-E	SP	GENERIC MISCELLANEOUS ITEM AVE FOUNDATION LENGTH AT INTE- RIOR BENT #1 STRUCTURE #200024	90	LF
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Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
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0023	0000930000-E	SP	GENERIC MISCELLANEOUS ITEM BRIDGE LENGTH STRUCTURE #200024	100	LF	
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*** OR ***						
0024	0000900000-N	SP	GENERIC MISCELLANEOUS ITEM ALTERNATE LUMP SUM BID FOR BRIDGE #200024	Lump Sum	L.S.	

***** END SCHEDULE AC *****						
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1451/May31/Q935.0/D21265000/E24 Total Amount Of Bid For Entire Project :