



**NORTH CAROLINA**  
Department of Transportation

# Bid Proposals and Estimates

JEFF TURNER, Division 9 Proposals Engineer

OCTOBER 9, 2024

Connecting people, products and places safely and efficiently with customer focus, accountability and environmental sensitivity to enhance the economy and vitality of North Carolina

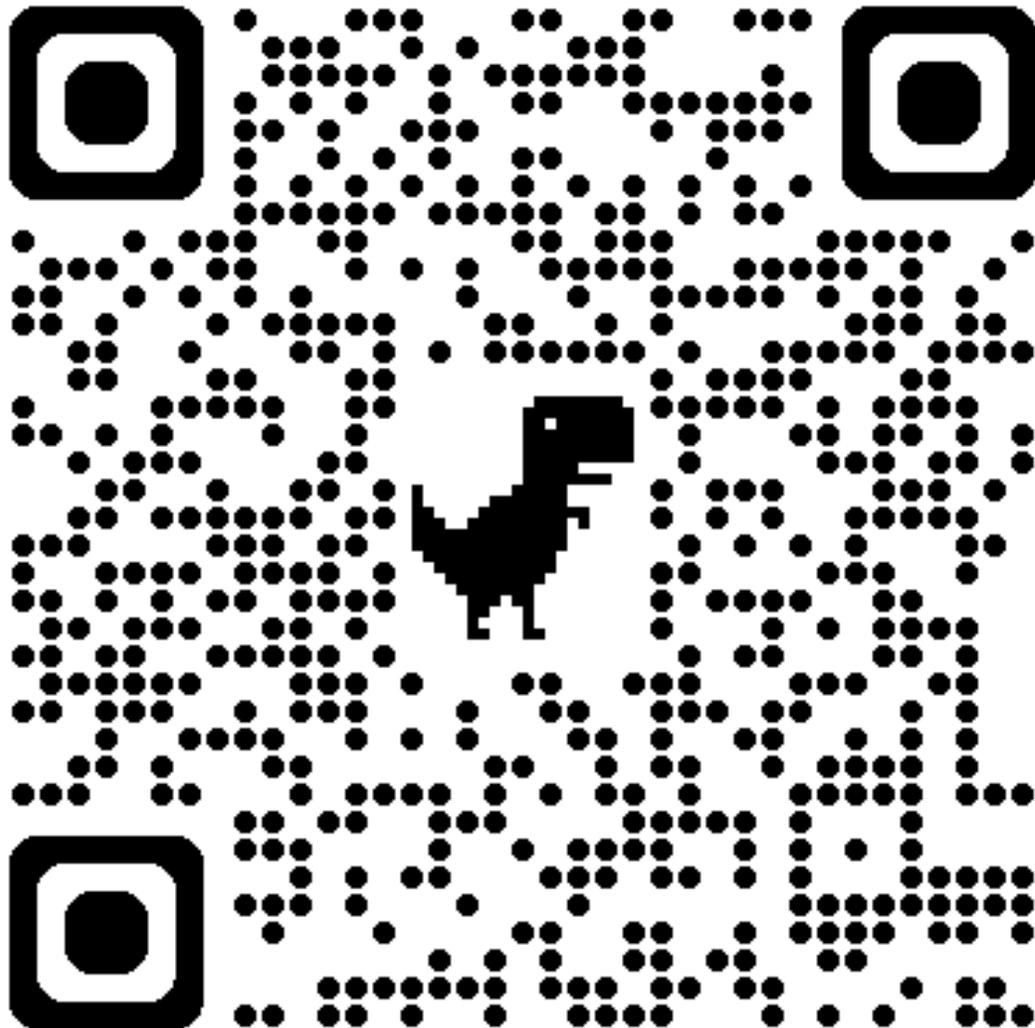
**“The difference between the right word and almost the right word is really a large matter- it’s the difference between lightning and a lightning bug.” –Mark Twain**

---

# **Contract Standards and Development Unit Website**

## **Standard Specifications, Roadway Standard Drawings, Pay Items, and Other Resources**

---



**CS&D Unit Website**

# How the Automated Proposal Application (APA) and Website Can Help Create a Better Proposal!

---

# Automated Proposal Application (APA)

## Why use APA?

- Has the latest provisions designated by let date implemented for ease of selecting the appropriate provision for your project.
- Reason for use found in line-up sheets and within application for ease of properly selecting the provision of need.
- Generates the proposal, G-, R-, SSP-, P-, S-, T-, U- with a consistent format
- Working towards integrating other portions of the proposal & Design Build and NCTA processes (same goal as above)

## Application use:

- Current users are NCDOT Proposal Engineers and embedded consultants for Division and Centrally let contracts
- Local government agencies and design firms supporting in proposal development pending use

<b>UNIT PROVISIONS</b>	<b>File Number</b>	<b>Page Number*</b>
CONTRACT COVER SHEET	A1_	none
PROPOSAL COVER SHEET	A2_	none
PROPOSAL / CONTRACT BODY / PROJECT SPECIAL PROVISIONS / GENERAL	B_	G-
PROPOSAL / CONTRACT BODY / PROJECT SPECIAL PROVISIONS / ROADWAY	B_	R-
PROPOSAL / CONTRACT BODY / STANDARD SPECIAL PROVISIONS	B_	SSP-
GEO TECHNICAL	C_	GT-
GEOENVIRONMENTAL	D_	GV-
SIGNING	E_	SN-
PAVEMENT MARKING	EM_	PM-
TRAFFIC CONTROL	F_	TC-
LIGHTING	G_	LT-
UTILITY CONSTRUCTION	H_	UC-
UTILITIES BY OTHERS	I_	UBO-
MISCELLANEOUS ROADWAY	II_	MR-
EROSION CONTROL	J_	EC-
PLANTING / REFORESTATION	K_	PL-
REST AREA	L_	RA-
TRAFFIC SIGNALS	M_	TS-
INTELLIGENT TRANSPORTATION SYSTEMS	N_	ITS-
RAILROAD INSURANCE (Roadway)	O_	RI-
STR / CULVERTS / RR INS (Structures)	P_	ST-
RR INS (Structures) (when provided separately from Structures/Culverts only)	Q_	RR-
PERMITS / GREEN SHEET COMMITMENTS	R_	P-
SIGNATURE SHEETS & FORMS	S_	S-
BID/PAY ITEM SHEETS	T_	T-
DOT EXECUTION SHEET	U_	U-

\* Page numbers should be the 18 font Times New Roman Bold Centered at the Top of the Header.  
 TIP number goes on the Top Left Header and the County Name at the Top Right Header using 12 font Times New Roman.  
 All provisions must be electronically sealed (DocuSigned) except Erosion Control and Utilities by Others.  
 All provisions should be submitted as .pdf documents EXCEPT Intermediate Contract Time (ICTs) which should be .docx.

# Automated Proposal Application (APA)

The [APA homepage website](#) includes:

- Instructions for APA permission rights for internal NCDOT and external partner proposal developers
- The application
- Provision links hub – 2018, 2024, Preconstruction special provisions
  - 2018 and 2024 Special Provisions sites have linkages to all unit PSP's.
  - Preconstruction site have project specific provisions developed using the templates and writers guide
- Instructions – provision writers guide, templates, and word and video instructions for using the application (on-demand training)
- APA Line-up Sheets allow a like repository of provisions for those designers not developing the proposal but supporting the proposal process
- For more information contact [specs@ncdot.gov](mailto:specs@ncdot.gov)

## Automated Proposal Application (APA) Home

Automated Proposal Application (APA) Site to properly develop proposals for state or federal funded projects.

Connect NCDOT > Resources > Contract Standards > Automated Proposal Application (APA) Home

### External Users - Get Access - NCID

New External Users will need a **BUSINESS NCID** to sign in. An individual NCID will not work properly for access to NCDOT Connect websites. Follow these steps to get your NCID and access to the **Automated Proposal Application (APA) Site**. *Internal NCDOT users can proceed directly to the form below.*

If you do not have a Business NCID or it is expired:

1. Click this link to get your business NCID - <https://connect.ncdot.gov/getaccount/>
2. Please check your email to complete the registration process or you will have to re-register again after 3 days. Follow the link in the email to confirm your email address.
3. Make sure the above steps are completed prior to sending the request via the form below.
4. Once your NCID is synced and added to the DOT site you will receive another email letting you know you have been added and You must then follow the link in the email to change your password **BEFORE YOU CAN ACCESS** the DOT site.

### Request Access to the APA Site

Once your **BUSINESS NCID** has been created, and you have confirmed your email, **enter your NCID information in the form below to request access to the APA Site**. *Internal NCDOT users can proceed directly to the form.* **NOTE: Proposal developers only should request access to the APA Site, those supporting in the proposal development process shall use the lineup sheets found on this site to provide requirements needed for a specific project to those proposal developers using the Automated Proposal Application (APA).**

Once your NCID is synced and added to the DOT site you will receive another email letting you know you have been added and You must then follow the link in the email to change your

### APA

Click the button below to launch the Automated Proposal Application.

Launch APA

### Provision Links

[2024 Standard Provisions](#)  
2024 Standard Provision Page

[2018 Standard Provisions](#)  
2018 Standard Provisions page

[Preconstruction Project Provisions](#)  
Permissions required to access this site.

[Preconstruction Project Provisions - Project Site Instructions](#)  
Preconstruction Project Provisions - Project Site Instructions

### APA and Project Special Provision Development Instructions



**Automated Proposal  
Application Website**

# Building Blocks-Working Together

Plans  
Proposal  
Bid Sheet



# What do we need to provide as the Blocks of the proposal?

Cover Sheet

Table of Contents

Instructions to Bidders

General Provisions

Roadway Provisions

Standard Special Provisions

Unit Provisions

Permits

Item Sheet or Bid Form

Forms

# Cover Sheet

- Date and Time of Bid Opening
- Contract Number
- County
- Federal Aid Number
- TIP Number
- Location
- Brief Description

DATE AND TIME OF BID OPENING: April 10, 2019 AT 2:00 P.M.

CONTRACT ID: DI00224

WBS ELEMENT NO.: 17BP.9.R.81

FEDERAL AID NO.: N/A

COUNTY: Rowan County

TIP NO.: N/A

MILES: 0.089 MILES

ROUTE NO.: SR 2300 (SOUTH MAIN STREET)

LOCATION: BRIDGE NO 170 OVER CRANE CREEK

TYPE OF WORK: GRADING, PAVING, DRAINAGE AND STRUCTURE

**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.

THIS IS A STRUCTURE PROJECT.

BID BONDS ARE REQUIRED.

---

NAME OF BIDDER

---

ADDRESS OF BIDDER

- **INSTRUCTIONS TO BIDDERS**

- **PLEASE READ ALL INSTRUCTIONS CAREFULLY**
- **BEFORE PREPARING AND SUBMITTING YOUR BID.**

- **All bids shall be prepared and submitted in accordance with the following requirements. Failure to comply with any requirement may cause the bid to be considered irregular and may be grounds for rejection of the bid.**

- **TRADITIONAL PAPER BIDS:**

1. The bid form furnished by **LOCAL GOVERNMENT AGENCY (LGA) NAME** with the proposal shall be used and shall not be altered in any manner. **DO NOT SEPARATE THE BID FORM FROM THE PROPOSAL!** Return the entire proposal with your bid.
- **2.** All entries on the itemized proposal sheet (bid form) shall be written in ink or typed.
- **3.** The Bidder shall submit a unit price for every item on the itemized proposal sheet (bid form). The unit prices for the various contract items shall be written in figures. **Unit prices shall be rounded off by the Bidder to contain no more than FOUR decimal places.**
- **4.** An amount bid shall be entered on the itemized proposal sheet (bid form) for every item. The amount bid for each item shall be determined by multiplying each unit bid by the quantity for that item, and shall be written in figures in the "Amount" column of the form.
- **5.** The total amount bid shall be written in figures in the proper place on the bid form. The total amount bid shall be determined by adding the amounts bid for each item.

# General Provisions

- Dates of Availability
- Completion Dates
- ICT's
- Liquidated Damages
- Delays of Entry on Parcels
- Possible Conflicts with other Projects
- Fuel Price Adjustments
- DBE Provisions with Goals
- Placed at the Front of the Proposal
- Normally not Pay items in this Section

DI00360

**G-1**

Davie County

## **PROJECT SPECIAL PROVISIONS**

### **GENERAL**

#### **BIDS OVER LIMIT:**

(08-01-16)

SPD 01-400

In accordance with GS 136-28.1(b), if the total bid amount of the contract exceeds \$5.0 million, the bid will not be considered for award.

#### **DIVISION LET CONTRACT PREQUALIFICATION:**

(07-01-14)(12-1-16)

SPD 01-410

Any firm that wishes to bid as a prime contractor shall be prequalified as a Bidder or PO Prime Contractor prior to submitting a bid. Information regarding prequalification can be found at: <https://connect.ncdot.gov/business/Prequal/Pages/default.aspx>.

Prior to performing the work, the prime contractor and/or subcontractor(s) shall be prequalified in the work code(s) which are identified as work items in the prime contractor's construction progress schedule that they will complete themselves. Any contractor identified as working outside their expertise may be considered in default of contract.

#### **BOND REQUIREMENTS:**

(6-1-16)(Rev.1-16-24)

102-8, 102-10

SPD 01-420A

A Bid Bond is required in accordance with Article 102-10 of the *Standard Specifications for Roads and Structures*.

Contract Payment and Performance Bonds are required in accordance with Article 103-7 of the *Standard Specifications*.

# Roadway Items

- Special Provisions not covered in Spec Book
- Examples: curb ramps, Shoulder Treatment, Bridge Approach Fills
- These Provisions Should Always Have an Associated Pay Item or an Explanation why Not(Incidental to the Work)

DI00350 W-5709E

**R-1**

Rowan County

## PROJECT SPECIAL PROVISIONS

### ROADWAY

#### CLEARING AND GRUBBING - METHOD II:

(9-17-02)(Rev. 3-19-24) 200

SP2 R02A

Perform clearing on this project to the limits established by Method - II shown on Standard Drawing No. 200.02 of the *Roadway Standard Drawings*. Conventional clearing methods may be used except where permit drawings or conditions have been included in the proposal which require certain areas to be cleared by hand methods.

#### SHOULDER AND FILL SLOPE MATERIAL:

(5-21-02)(Rev. 1-16-24) 235, 560

SP2 R45 A

#### **Description**

Perform the required shoulder and slope construction for this project in accordance with the applicable requirements of Section 560 and Section 235 of the *Standard Specifications*.

#### **Measurement and Payment**

Where the material has been obtained from an authorized stockpile or from a borrow source and *Borrow Excavation* is not included in the contract, no direct payment will be made for this work, as the cost of this work will be part of the work being paid at the contract lump sum price for *Grading*. If *Borrow Excavation* is included in this contract and the material has been obtained from an authorized stockpile or from a borrow source, measurement and payment will be as provided in Section 230 of the *Standard Specifications* for *Borrow Excavation*.

#### FLOWABLE FILL:

(9-17-02) (Rev. 1-16-24)

300, 340, 1000, 1530, 1540, 1550

SP3 R30

#### **Description**

This work consists of all work necessary to place flowable fill in accordance with these provisions

**STANDARD SPECIAL PROVISION****TITLE VI AND NONDISCRIMINATION:**

(6-28-77)(Rev 1/16/2024)

Z-6

**I**

The North Carolina Department of Transportation is committed to carrying out the U.S. Department of Transportation's policy of ensuring nondiscrimination in the award and administration of contracts.

The provisions of this section related to United States Department of Transportation (US DOT) Order 1050.2A, Title 49 Code of Federal Regulations (CFR) part 21, 23 United States Code (U.S.C.) 140 and 23 CFR part 200 (or 49 CFR 303, 49 U.S.C. 5332 or 49 U.S.C. 47123) are applicable to all North Carolina Department of Transportation (NCDOT) contracts and to all related subcontracts, material supply, engineering, architectural and other service contracts, regardless of dollar amount. Any Federal provision that is specifically required not specifically set forth is hereby incorporated by reference.

**(1) Title VI Assurances (USDOT Order 1050.2A, Appendix A)**

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest (hereinafter referred to as the "contractor") agrees as follows:

**(a) Compliance with Regulations**

The contractor (hereinafter includes consultants) shall comply with the Acts and the Regulations relative to Nondiscrimination in Federally-assisted programs of the U.S. Department of Transportation, Federal Highway Administration (FHWA), as they may be amended from time to time, which are herein incorporated by reference and made a part of this contract.

**(b) Nondiscrimination**

The contractor, with regard to the work performed by it during the contract, shall not discriminate on the grounds of race, color, or national origin in the selection and retention of subcontractors, including procurements of materials and leases of equipment. The contractor shall not participate directly or indirectly in the

**REQUIRED CONTRACT PROVISIONS FEDERAL-AID CONSTRUCTION CONTRACTS****I**

- I. General
- II. Nondiscrimination
- III. Non-segregated Facilities
- IV. Davis-Bacon and Related Act Provisions
- V. Contract Work Hours and Safety Standards Act Provisions
- VI. Subletting or Assigning the Contract
- VII. Safety: Accident Prevention
- VIII. False Statements Concerning Highway Projects
- IX. Implementation of Clean Air Act and Federal Water Pollution Control Act
- X. Certification Regarding Debarment, Suspension, Ineligibility and Voluntary Exclusion
- XI. Certification Regarding Use of Contract Funds for Lobbying
- XII. Use of United States-Flag Vessels:

**ATTACHMENTS**

A. Employment and Materials Preference for Appalachian Development Highway System or Appalachian Local Access Road Contracts (included in Appalachian contracts only)

**I. GENERAL**

1. Form FHWA-1273 must be physically incorporated in each construction contract funded under title 23, United States Code, as required in 23 CFR 633.102(b) (excluding emergency contracts solely intended for debris removal). The contractor (or subcontractor) must insert this form in each subcontract and further require its inclusion in all lower tier subcontracts (excluding purchase orders, rental agreements and other agreements for supplies or services). 23 CFR 633.102(e).

The applicable requirements of Form FHWA-1273 are incorporated by reference for work done under any purchase order, rental agreement or agreement for other services. The

performed on the contract by the contractor's own organization and with the assistance of workers under the contractor's immediate superintendence and to all work performed on the contract by piecework, station work, or by subcontract. 23 CFR 633.102(d).

3. A breach of any of the stipulations contained in these Required Contract Provisions may be sufficient grounds for withholding of progress payments, withholding of final payment, termination of the contract, suspension / debarment or any other action determined to be appropriate by the contracting agency and FHWA.

4. Selection of Labor: During the performance of this contract, the contractor shall not use convict labor for any purpose within the limits of a construction project on a Federal-aid highway unless it is labor performed by convicts who are on parole, supervised release, or probation. 23 U.S.C. 114(b). The term Federal-aid highway does not include roadways functionally classified as local roads or rural minor collectors. 23 U.S.C. 101(a).

**II. NONDISCRIMINATION** (23 CFR 230.107(a); 23 CFR Part 230, Subpart A, Appendix A; EO 11246)

The provisions of this section related to 23 CFR Part 230, Subpart A, Appendix A are applicable to all Federal-aid construction contracts and to all related construction subcontracts of \$10,000 or more. The provisions of 23 CFR Part 230 are not applicable to material supply, engineering, or architectural service contracts.

In addition, the contractor and all subcontractors must comply with the following policies: Executive Order 11246, 41 CFR Part 60, 29 CFR Parts 1625-1627, 23 U.S.C. 140, Section 504 of the Rehabilitation Act of 1973, as amended (29 U.S.C. 794), Title VI of the Civil Rights Act of 1964, as amended (42 U.S.C. 2000d et seq.), and related regulations including 49 CFR Parts 21, 26, and 27; and 23 CFR Parts 200, 230, and 633.

# Unit Provisions

- Structures
- Utilities
- Erosion Control
- Lighting
- Signals
- Specialized Subcontractors perform much of this work
- As Before, This section May Include Items Not Found in NCDOT Specifications

ST-1

Project BP9.R006

Davidson County

## Project Special Provisions

### Structure

#### Table of Contents

	<b>Page #</b>
Falsework and Formwork (11-30-23) -----	ST-2
Submittal of Working Drawings (11-30-23) -----	ST-8
Crane Safety (6-20-19) -----	ST-14
Grout for Structures (12-01-17) -----	ST-15
Asbestos Assessment (11-30-23) -----	ST-16

# Permits

17BP.9.R.81

(10-18-95) (Rev. 3-27-17) PROJECT SPECIAL PROVISION PERMITS Z-1a

The Contractor's attention is directed to the following permits, which have been applied for by the Department of Transportation to the authority granting the permit. Copies of the permits will be furnished to the Contractor when received by the Department.

PERMIT	AUTHORITY GRANTING THE PERMIT
Dredge and Fill and/or Work in Navigable Waters (404)	U. S. Army Corps of Engineers
Water Quality (401)	Division of Environmental Management, DEQ State of North Carolina

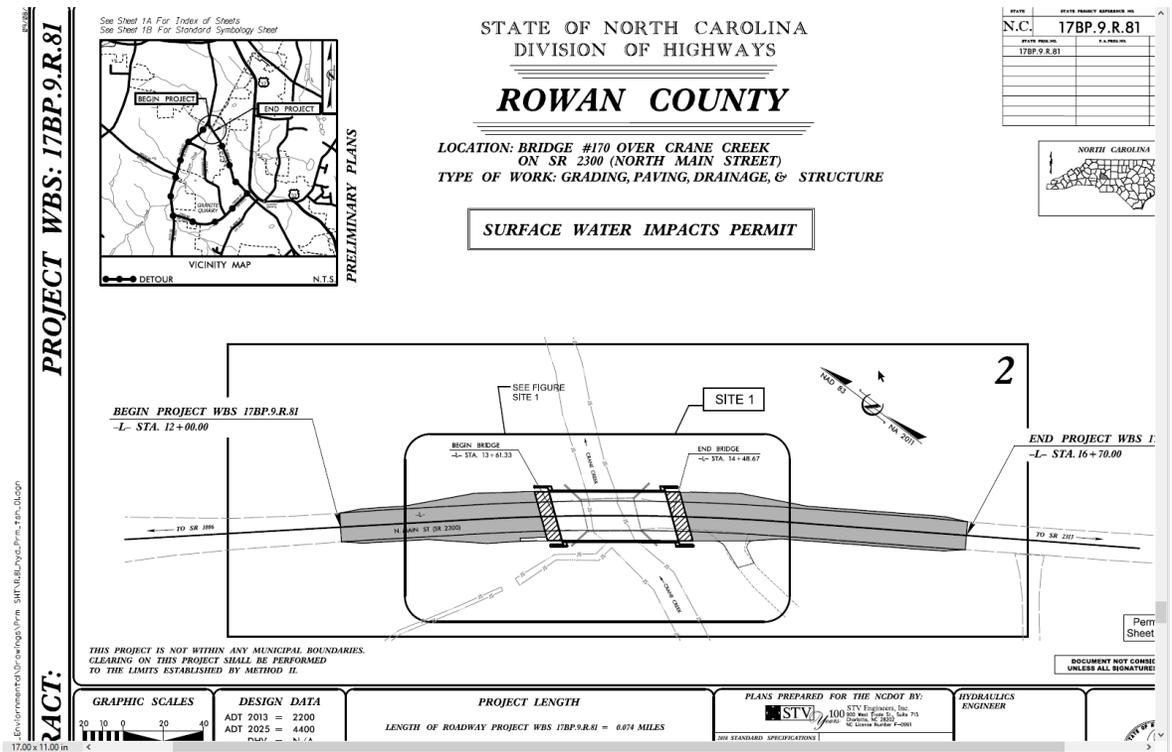
The Contractor shall comply with all applicable permit conditions during construction of this project. Those conditions marked by \* are the responsibility of the Department and the Contractor has no responsibility in accomplishing those conditions.

Agents of the permitting authority will periodically inspect the project for adherence to the permits.

The Contractor's attention is also directed to Articles 107-10 and 107-13 of the 2018 Standard Specifications and the following:

Should the Contractor propose to utilize construction methods (such as temporary structures or fill in waters and/or wetlands for haul roads, work platforms, cofferdams, etc.) not specifically identified in the permit (individual, general, or nationwide) authorizing the project it shall be the Contractor's responsibility to coordinate with the Engineer to determine what, if any, additional permit action is required. The Contractor shall also be responsible for initiating the request for the authorization of such construction method by the permitting agency. The request shall be submitted through the Engineer. The Contractor shall not utilize the construction method until it is approved by the permitting agency. The request normally takes approximately 60 days to process; however, no extensions of time or additional compensation will be granted for delays resulting from the Contractor's request for approval of construction methods not specifically identified in the permit.

Where construction moratoriums are contained in a permit condition which restricts the Contractor's activities to certain times of the year, those moratoriums will apply only to the portions of the work taking place in the restricted waters, wetlands or buffer zones provided that activities outside those areas is done in such a manner as to not affect the waters, wetlands or buffer zones.



# Forms

Contract No. \_\_\_\_\_  
County \_\_\_\_\_

Rev. 8-28-23

## NON-COLLUSION, DEBARMENT AND GIFT BAN CERTIFICATION

### CORPORATION

The prequalified bidder, declares (or certifies, verifies, or states) under penalty of perjury under the laws of the United States that neither he, nor any official, agent or employee has entered into any agreement, participated in any collusion, or otherwise taken any action which is in restraint of free competitive bidding in connection with any bid or contract, that the prequalified bidder has not been convicted of violating *N.C.G.S. §133-24* within the last three years, and that the prequalified bidder intends to do the work with his own bona fide employees or subcontractors and will not bid for the benefit of another contractor.

By submitting this non-collusion, debarment and gift ban certification, the Contractor is attesting his status under penalty of perjury under the laws of the United States in accordance with the Debarment Certification attached, provided that the Debarment Certification also includes any required statements concerning exceptions that are applicable.

*N.C.G.S. §133-32* and Executive Order 24 prohibit the offer to, or acceptance by, any State Employee of any gift from anyone with a contract with the State, or from any person seeking to do business with the State. By execution of any response in this procurement, you attest, for your entire organization and its employees or agents, that you are not aware that any such gift has been offered, accepted, or promised by any employees of your organization.

### SIGNATURE OF PREQUALIFIED BIDDER

\_\_\_\_\_  
Full name of Corporation

\_\_\_\_\_  
Address as Prequalified

Attest \_\_\_\_\_ By \_\_\_\_\_  
Secretary/Assistant Secretary President/Vice President/Assistant Vice President  
(Select appropriate title) (Select appropriate title)

\_\_\_\_\_  
Print or Type Signer's name

\_\_\_\_\_  
Print or Type Signer's name

# Item sheet/Bid

0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.
0002	0000400000-N	801	CONSTRUCTION SURVEYING	Lump Sum	L.S.
0003	0030000000-N	SP	TYPE II MODIFIED APPROACH FILL, STATION ***** (STA 14+05)	Lump Sum	L.S.
0004	0043000000-N	226	GRADING	Lump Sum	L.S.
0005	0050000000-E	226	SUPPLEMENTARY CLEARING & GRUB- BING	0.5 ACR	
0006	0057000000-E	226	UNDERCUT EXCAVATION	60 CY	
0007	0196000000-E	270	GEOTEXTILE FOR SOIL STABILIZA- TION	200 SY	
0008	0318000000-E	300	FOUNDATION CONDITIONING MATE- RIAL, MINOR STRUCTURES	20 TON	
0009	0320000000-E	300	FOUNDATION CONDITIONING GEO- TEXTILE	140 SY	
0010	0335200000-E	305	15" DRAINAGE PIPE	64 LF	
0011	0366000000-E	310	15" RC PIPE CULVERTS, CLASS III	36 LF	
0012	0995000000-E	340	PIPE REMOVAL	22 LF	
0013	1099500000-E	505	SHALLOW UNDERCUT	50 CY	
0014	1099700000-E	505	CLASS IV SUBGRADE STABILIZA- TION	100 TON	
0015	1220000000-E	545	INCIDENTAL STONE BASE	30 TON	
0016	1330000000-E	607	INCIDENTAL MILLING	250 SY	
0017	1491000000-E	610	ASPHALT CONC BASE COURSE, TYPE B25.0C	140 TON	
0018	1503000000-E	610	ASPHALT CONC INTERMEDIATE COURSE, TYPE I19.0C	190 TON	

0057	6071012000-E	SP	COIR FIBER WATTLE	200 LF	
0058	6071020000-E	SP	POLYACRYLAMIDE (PAM)	10 LB	
0059	6084000000-E	1660	SEEDING & MULCHING	3 ACR	
0060	6087000000-E	1660	MOWING	3 ACR	
0061	6090000000-E	1661	SEED FOR REPAIR SEEDING	50 LB	
0062	6093000000-E	1661	FERTILIZER FOR REPAIR SEEDING	0.25 TON	
0063	6096000000-E	1662	SEED FOR SUPPLEMENTAL SEEDING	50 LB	
0064	6108000000-E	1665	FERTILIZER TOPDRESSING	1 TON	
0065	6111000000-E	SP	IMPERVIOUS DIKE	244 LF	
0066	6114500000-N	1667	SPECIALIZED HAND MOWING	10 MHR	
0067	6117000000-N	SP	RESPONSE FOR EROSION CONTROL	15 EA	
0068	6117500000-N	SP	CONCRETE WASHOUT STRUCTURE	2 EA	
0069	8035000000-N	402	REMOVAL OF EXISTING STRUCTURE AT STATION ***** (STA 14+05)	Lump Sum	L.S.
0070	8065000000-N	SP	ASBESTOS ASSESSMENT	Lump Sum	L.S.
0071	8121000000-N	412	UNCLASSIFIED STRUCTURE EXCAVA- TION AT STATION ***** (STA 14+05)	Lump Sum	L.S.
0072	8182000000-E	420	CLASS A CONCRETE (BRIDGE)	58.2 CY	
0073	8210000000-N	422	BRIDGE APPROACH SLABS, STATION ***** (STA 14+05)	Lump Sum	L.S.
0074	8217000000-E	425	REINFORCING STEEL (BRIDGE)	8,118 LB	
0075	8328200000-E	450	PILE DRIVING EQUIPMENT SETUP FOR *** STEEL PILES (HP 12X53)	14 EA	



**Estimates**

# I Didn't Account for This



[This Photo](#) by Unknown Author is licensed under [CC BY-NC-ND](#)

## What Do I Consider?

- Pull available data from recent projects with similar work
- Check statewide and Division bid averages
- Consider mitigating issues
  - is there presence of rock impact
  - access issues for residential or business
  - work zone access
  - ICT's
  - Contract Time
  - Current Projects
  - Utilities
  - Quantities
  - Location
  - Are there specialized items



What may make the contractor nervous(Risks)

**Questions?**



# Contact Us

---

**Jeff Turner**

wjturner@ncdot.gov

336-747-7800

**Matt Jones**

mwjones2@ncdot.gov

336-747-7800

 [ncdot.gov](http://ncdot.gov)

 [@NC DOT](https://twitter.com/NC DOT)

 [ncdotcom](https://www.instagram.com/ncdotcom)

 [NC DOTcommunications](https://www.youtube.com/NC DOTcommunications)

 [ncdotcom](https://www.soundcloud.com/ncdotcom)

 [@NC DOT](https://www.facebook.com/NC DOT)

 [NC DOT](https://www.linkedin.com/company/NC DOT)

 [NC DOTcommunications](https://discord.com/invite/NC DOTcommunications)

 [View All Channels](#)

**Thank you!**

---