## STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION



# CONTRACT PROPOSAL SMALL BUSINESS ENTERPRISE

DATE AND TIME OF BID OPENING: December 17, 2020 AT 2:00 PM

**CONTRACT ID:** 11-00-141

**WBS ELEMENT NO.:** Various

FEDERAL AID NO.: N/A

COUNTIES: Alleghany, Ashe, Avery, Caldwell, Surry, Watauga, Wilkes, and Yadkin

TIP NO.: N/A
MILES: Varies
ROUTE NO.: Various
LOCATION: Various

TYPE OF WORK: Incidental Concrete Construction on Various Routes Upon Request

NAME OF BIDDER

ADDRESS OF BIDDER

#### **RETURN BIDS TO:**

N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS, DIVISION 11 ATTN: Kenny H. Heavner 801 Statesville Road, P. O. Box 250 North Wilkesboro, NC 28659

#### PROPOSAL FOR THE CONSTRUCTION OF

### CONTRACT No. 11-00-141 IN ALLEGHANY, ASHE, AVERY, CALDWELL, SURRY, WATAUGA, WILKES AND YADKIN COUNTIES, NORTH CAROLINA

| Date             | 20            |
|------------------|---------------|
| DEPARTMENT OF TR | ANSPORTATION, |
| RALEIGH, NORT    | H CAROLINA    |

The Bidder has carefully examined the location of the proposed work to be known as Contract No. <u>11-00-141</u>; has carefully examined the plans and specifications, which are acknowledged to be part of the proposal, the special provisions, the proposal, the form of contract; and thoroughly understands the stipulations, requirements and provisions. The undersigned bidder agrees to bound upon his execution of the bid. The undersigned Bidder further agrees to provide all necessary machinery, tools, labor, and other means of construction; and to do all the work and to furnish all materials, except as otherwise noted, necessary to perform and complete the said contract in accordance with *the 2018 Standard Specifications for Roads and Structures* by the dates(s) specified in the Project Special Provisions and in accordance with the requirements of the Engineer, and at the unit or lump sum prices, as the case may be, for the various items given on the sheets contained herein.

The Bidder shall provide and furnish all the materials, machinery, implements, appliances and tools, and perform the work and required labor to construct and complete State Highway Contract No. 11-00-141 in Alleghany, Ashe, Avery, Caldwell, Surry, Watauga, Wilkes and Yadkin Counties, for the unit or lump sum prices, as the case may be, bid by the Bidder in his bid and according to the proposal, plans, and specifications prepared by said Department, which proposal, plans, and specifications show the details covering this project, and hereby become a part of this contract.

The published volume entitled North Carolina Department of Transportation, Raleigh, Standard Specifications for Roads and Structures, January 2018 with all amendments and supplements thereto, is by reference incorporated into and made a part of this contract; that, except as herein modified, all the construction and work included in this contract is to be done in accordance with the specifications contained in said volume, and amendments and supplements thereto, under the direction of the Engineer.

If the proposal is accepted and the award is made, the contract is valid only when signed either by the Contract Officer or such other person as may be designated by the Secretary to sign for the Department of Transportation. The conditions and provisions herein cannot be changed except over the signature of the said Contract Officer or Division Engineer.

The quantities shown in the itemized proposal for the project are considered to be approximate only and are given as the basis for comparison of bids. The Department of Transportation may increase or decrease the quantity of any item or portion of the work as may be deemed necessary or expedient.

An increase or decrease in the quantity of an item will not be regarded as sufficient ground for an increase or decrease in the unit prices, nor in the time allowed for the completion of the work, except as provided for the contract.

#### TABLE OF CONTENTS

| GENERAL PROVISIONS  | 6  |
|---|----|
| GENERAL   | 6  |
| SITE INVESTIGATION AND REPRESENTATION                       |    |
| AWARD OF CONTRACT (TERMS)                                   |    |
| BOND REQUIREMENTS – No Bonds Required                       |    |
| CONTRACT TIME AND LIQUIDATED DAMAGES                        |    |
| TERM OF THE CONTRACT  | 8  |
| INTERMEDIATE CONTRACT TIME NUMBER 1 AND LIQUIDATED DAMAGES: | 9  |
| NO MAJOR CONTRACT ITEMS:                                    | 10 |
| NO SPECIALTY ITEMS:   |    |
| PREPARATION AND SUBMISSION OF BIDS                          |    |
| EXECUTION OF SIGNATURE SHEETS AND DEBARMENT CERTIFICATION   |    |
| WORKMEN'S COMPENSATION INSURANCE                            |    |
| LICENSES  |    |
| FUEL PRICE ADJUSTMENT:                                      |    |
| SCHEDULE OF ESTIMATED COMPLETION PROGRESS:                  |    |
| USE OF UNMANNED AIRCRAFT SYSTEM (UAS):                      |    |
| OUTSOURCING OUTSIDE THE USA:                                |    |
| PARTIAL PAYMENT   |    |
| RETAINAGE AND PROMPT PAYMENT                                |    |
| MANDATORY SUBCONTRACTOR INFORMATION                         |    |
| BANKRUPTCY  |    |
| EXTENSION OF CONTRACT TIME                                  |    |
| CLAIMS FOR ADDITIONAL COMPENSATION OR EXTENSION OF TIME     |    |
| PROSECUTION AND PROGRESS                                    |    |
| TEMPORARY SUSPENSION OF WORK                                |    |
| AUTHORITY OF THE ENGINEER                                   |    |
| APPROVAL OF PERSONNEL                                       |    |
| SUPERVISION BY CONTRACTOR                                   |    |
| CONTRACTOR PERSONNEL  |    |
| INSPECTION  |    |
| MATERIALS AND TESTING                                       |    |
|   |    |
| PROJECT SPECIAL PROVISIONS                                  | 19 |
| NOTES TO CONTRACTOR   |    |
| PRECONSTRUCTION CONFERENCE                                  |    |
| NOTIFICATION OF OPERATIONS                                  |    |
| CONTRACT BID QUANTITIES                                     | 19 |
| DRIVEWAYS AND PRIVATE PROPERTY                              |    |
| FINAL ACCEPTANCE  |    |
| MOBILIZATION  |    |
| AGGREGATE PRODUCTION  |    |
| DISPOSAL OF WASTE AND DEBRIS                                |    |
| HIGH STRENGTH CONCRETE FOR DRIVEWAYS                        |    |
| CONCRETE BRICK AND BLOCK PRODUCTION                         |    |
| CONCRETE APRONS FOR MASONARY DRAINAGE STRUCTURES            |    |
| TRAFFIC CONTROL AND WORK ZONE SAFETY                        |    |
| TRAFFIC CONTROL, FULL LANE CLOSURE DIVIDED HIGHWAY          | 22 |
| EROSION, SILTATION, AND POLLUTION CONTROL                   |    |
| PORTLAND CEMENT CONCRETE PRODUCTION AND DELIVERY:           | 24 |
| HIGH STRENGTH CONCRETE FOR DRIVEWAYS:                       | 25 |
| MATERIALS FOR PORTLAND CEMENT CONCRETE:                     |    |

| STANDARD SPECIAL PROVISIONS                      | 27 |
|--|----|
| AVAILABILITY OF FUNDS – TERMINATION OF CONTRACTS | 27 |
| ERRATA   |    |
| PLANT AND PEST QUARANTINES                       |    |
| MINIMUM WAGES                                    |    |
| TITLE VI AND NONDISCRIMINATION:                  | 31 |
| ON-THE-JOB TRAINING                              | 40 |

#### **BID FORM**

**EXECUTION OF BID** 

LISTING OF MBE/WBE SUBCONTRACTORS

#### 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. Download the entire proposal from the Connect NCDOT website and 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. 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 TWO decimal places.
- **4.** An amount bid shall be entered on the itemized proposal sheet 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.
- **6.** Changes to any entry shall be made by marking through the entry in ink and making the correct entry adjacent thereto in ink. A representative of the Bidder shall initial the change in ink. Do not use correction fluid, correction tape or similar product to make corrections.
- 7. The bid shall be properly executed on the included Execution of Bid Non-collusion, Debarment and Gift Ban Certification form. All bids shall show the following information:
  - a. Name of corporation, partnership, Limited Liability Company, joint venture, individual or firm, submitting bid. Corporations that have a corporate seal should include it on the bid.
  - b. Name of individual or representative submitting bid and position or title held on behalf of the bidder.
  - c. Name, signature, and position or title of witness.
- **8.** The bid shall not contain any unauthorized additions, deletions, or conditional bids.
- **9.** The Bidder shall not add any provision reserving the right to accept or reject an award, or to enter into a contract pursuant to an award.
- 10. THE PROPOSAL WITH THE ITEMIZED PROPOSAL SHEET ATTACHED SHALL BE PLACED IN A <u>SEALED</u> ENVELOPE AND SHALL BE DELIVERED TO AND RECEIVED IN THE NCDOT DIVISION OFFICE, LOCATED AT 801 STATESVILLE ROAD, P. O. Box 250, BY 2:00 PM ON, DECEMBER 17, 2020.
- 11. The sealed bid must display the following statement on the front of the sealed envelope:

#### **OUOTE NO: 11-00-141 – INCIDENTAL CONCRETE CONSTRUCTION**

**12.** If delivered by mail, the sealed envelope shall be placed in another sealed envelope and the outer envelope shall be addressed as follows:

N. C. DEPARTMENT OF TRANSPORTATION ATTN: Kenny H. Heavner 801 Statesville Road, P. O. Box 250 North Wilkesboro, NC 28659

# **DIVISION CONTRACT General Provisions**

#### **GENERAL**

This contract is for incidental concrete construction upon request in Alleghany, Ashe, Avery, Caldwell, Surry, Watauga, Wilkes and Yadkin Counties in Division 11 under the provisions of North Carolina Department of Transportation's Small Business Enterprise Program. Your firm does not have to be formally identified as a minority, woman, or disadvantaged business to qualify for this program, but your business must have had an annual income of \$1,500,000 or less for the previous calendar year (not including costs for materials). Under the provisions of this Program, contract payment and contract performance bonds are not required.

You must be registered as a Small Business Enterprise through the North Carolina Department of Transportation Contractual Services Unit to be eligible to bid on any SBE project. For more information on becoming registered with the Department, please contact the Office of Contractual Services at (919) 707-4800.

The Engineer will designate areas of incidental concrete construction at various locations within the counties specified. The contractor is advised that the amount of this type of work will vary on each route and should be given consideration when submitting the bid. The Contractor shall note that the contract quantities provided are used solely for determining the lowest responsible bidder. Actual Item Quantities will vary and will be determined based upon the amount of work required. No minimum amount of work is guaranteed under this contract.

The quantities shown in the itemized proposal for the project are considered to be approximate only and are given as the basis for comparison of bids. The Department of Transportation may increase or decrease the quantity of any item or portion of the work as may be deemed necessary or expedient. An increase or decrease in the quantity of any item will not be regarded as sufficient ground for an increase or decrease in the unit prices, nor in the time allowed for the completion of the work, except as provided for the contract.

All work and materials shall be in accordance with the provisions of the General Guidelines of this contract, the Project Special Provisions, the 2018 North Carolina Department of Transportation Standard Specifications for Roads and Structures, the 2018 North Carolina Department of Transportation Roadway Standards Drawings, the National Electric Code, the National Electric Safety Code, and the current edition of the Manual of Uniform Traffic Control Devices (MUTCD). These manuals may be found on the internet at:

https://connect.ncdot.gov/letting/Pages/default.aspx

https://connect.ncdot.gov/resources/Pages/default.aspx

http://mutcd.fhwa.dot.gov/

#### **SITE INVESTIGATION AND REPRESENTATION**

By signing the proposal documents, the Contractor acknowledges that:

- (A) He understands the nature of the work and general and local conditions, particularly those bearing on transportation;
- (B) He is familiar with the availability and cost of labor and materials;
- (C) He will to adhere to State regulations for safety and security of property, roads, and facilities;
- (D) He is able to prosecute the work in accordance with all applicable local, state and federal rules and regulations, and;
- (E) He has thoroughly investigated the project site(s).

Any failure on the part of the Contractor to acquaint himself with all available information shall not relieve him from the responsibility any aspect of the contracting process. No adjustment in contract time or contract prices will be made due to the Contractor's negligence in familiarizing himself with the contract or project site(s).

#### **AWARD OF CONTRACT (TERMS)**

The Department reserves the right to make partial, progressive or **multiple awards** for the same service and in the best interest of the state.

Actual selection of the individual Contractors will be made based on a comparative basis of total bid cost, with the lowest priced Contractor being contacted first whenever work is determined available. In the event additional work becomes available, further contact with the low bidder will be initiated. If the contacted Contractor is unable to respond in a timely manner or commit a crew(s) for the work proposed, the selection process will continue down the list until a commitment is received.

The award of the contract **if** it is awarded will be made to the lowest responsible bidder(s). The lowest responsible bidder(s) will be notified that his/her bid has been accepted and that the contract has been awarded. NCDOT reserves the right to reject all bids.

#### **BOND REQUIREMENTS - No Bonds Required**

(06-01-16) SPD 01-420B

The provisions of Articles 102-10 and 103-7 of the 2018 Standard Specifications for Roads and Structures are waived for this project. No bonds required.

#### **CONTRACT TIME AND LIQUIDATED DAMAGES**

This contract shall be effective January 1, 2021. Work requests will be made on an as-needed basis; therefore each request will have its own date of availability and required completion date.

All work will be done at the request of the Engineer. Notification will be made via fax, email, or letter and will include the location of the work, description of the work to be performed, and the approximate quantities required. Each work request may consist of multiple locations within a general work area. Each notification will be considered a separate and independent project.

An intermediate contract time of **thirty (30) calendar days** from notification will apply to Engineer's Work Request. In the event that the Contractor fails to respond to the location(s) requested by the Engineer within **thirty (30) calendar days**, liquidated damages in the amount of **Two Hundred Dollars (\$200.00) per calendar day, or portion thereof**, will be deducted from the monies due to the Contractor. No extensions will be authorized except as authorized by Article 108-10 of the 2018 Standard Specifications.

The determination of failure to physically respond in a timely manner shall be at the discretion of the Engineer. Failure to respond may result in cancellation of the contract.

No work will be permitted and no contract will be executed until all prerequisite conditions and certifications have been satisfied.

#### **TERM OF THE CONTRACT**

The contractor shall submit his bid for one year. At the option of the Department, this contract may be extended two (2) additional periods of one (1) year each (maximum of three (3) years total). The unit bid price will be increased by **five (5) percent** for each one-year extension. No changes in the terms, conditions, etc. of this contract will be made when an extension of the contract is implemented. The Engineer will notify the Contractor in writing by **November 1, 2021** if the contract may be extended. The Contractor must notify the Engineer in writing by **November 15, 2021** of his acceptance or rejection of this offer. Failure on the part of the Contractor to reply will be received as a rejection of contract extension.

The period covered by this contract will be from January 1, 2021 until December 31, 2021.

#### INTERMEDIATE CONTRACT TIME NUMBER 1 AND LIQUIDATED DAMAGES:

(2-20-07) 108 SPI G14 B

The Contractor shall not narrow or close a lane of traffic on **Any route**, detain and /or alter the traffic flow on or during holiday weekends, special events, or any other time when traffic is unusually heavy, including the following schedules:

#### HOLIDAY AND HOLIDAY WEEKEND LANE CLOSURE RESTRICTIONS

- 1. For **unexpected occurrence** that creates unusually high traffic volumes, as directed by the Engineer.
- 2. For New Year's Day, between the hours of 3:00 P.M. December 31st and 9:00 A.M. January 2nd. If New Year's Day is on a Friday, Saturday, Sunday or Monday, then until 9:00 A.M. the following Tuesday.
- 3. For **Easter**, between the hours of **3:00 P.M.** Thursday and **9:00 A.M.** Monday.
- 4. For **Memorial Day**, between the hours of **3:00 P.M.** Friday and **9:00 A.M.** Tuesday.
- 5. For **Independence Day**, between the hours of **3:00 P.M.** the day before Independence Day and **9:00 A.M.** the day after Independence Day.
  - If **Independence Day** is on a Friday, Saturday, Sunday or Monday, then between the hours of **3:00 P.M.** the Thursday before Independence Day and **9:00 A.M.** the Tuesday after Independence Day.
- 6. For **Labor Day**, between the hours of **3:00 P.M.** Friday and **9:00 A.M.** Tuesday.
- 7. For **Thanksgiving Day**, between the hours of **3:00 P.M.** Tuesday and **9:00 A.M.** Monday.
- 8. For **Christmas**, between the hours of **3:00 P.M.** the Friday before the week of Christmas Day and **9:00 A.M.** the following Tuesday after the week of Christmas Day.

Holidays and holiday weekends shall include New Year's, Easter, Memorial Day, Independence Day, Labor Day, Thanksgiving, and Christmas. The Contractor shall schedule his work so that lane closures are not required during these periods, unless otherwise directed by the Engineer.

The time of availability for this intermediate contract work shall be the time the Contractor begins to install all traffic control devices for lane closures according to the time restrictions listed herein.

The completion time for this intermediate contract work shall be the time the Contractor is required to complete the removal of all traffic control devices for lane closures according to the time restrictions stated herein and place traffic in the existing traffic pattern.

The liquidated damages are **Five Hundred Dollars (\$ 500.00)** per hour.

#### **NO MAJOR CONTRACT ITEMS:**

(2-19-02) (Rev. 8-21-07) 104 SPI G31

None of the items included in this contract will be major items.

#### **NO SPECIALTY ITEMS:**

(7-1-95) 108-6 SPI G34

None of the items included in this contract will be specialty items (see Article 108-6 of the 2018 Standard Specifications).

#### PREPARATION AND SUBMISSION OF BIDS

The entire bid proposal package, properly signed and executed, must be returned in order for the bid to be considered as responsive. <u>Incomplete proposal packages may be considered unresponsive.</u> Bid proposals shall be completed in ink and any corrections shall have one strike through with the correction initialed by the bidder.

All bids shall be prepared and submitted in accordance with the listed requirements of Article 102-8 of the 2012 Standard Specifications.

In accordance with GS 136-28.10, if the total bid amount of the contract exceeds \$500,000, the bid will not be considered for award.

#### **EXECUTION OF SIGNATURE SHEETS AND DEBARMENT CERTIFICATION**

The Bidder's attention is directed to the various sheets in the contract proposal, which are to be completed and/or signed by the Bidder. A list of these sheets is shown below. The signature sheets are located behind the Bid Form(s) in the contract proposal.

- 1. Execution of Bid including Non-Collusion Affidavit, Debarment Certification, & Gift Ban
- 2. MBE/WBE/DBE Subcontract Listing Form

The Bidder shall certify his and to the best of his knowledge all subcontractors, material suppliers and vendors utilized herein current status concerning suspension, debarment, voluntary exclusion, or determination of ineligibility by any federal agency, in accordance with the "Debarment Certification" located behind the signature sheets in the proposal forms. Execution of the bid signature sheets in conjunction with any applicable statements concerning exceptions, when such statements have been made on the "Debarment Certification", constitutes the Bidders certification of "status" under penalty of perjury under the laws of the United States.

#### **WORKMEN'S COMPENSATION INSURANCE**

The contractor shall defend, indemnify and hold harmless the North Carolina Department of Transportation, its officers and employees from any claim, demand, suit, liability, judgment and expense (including attorney's fees and other costs of litigation) arising out of or relating to injury, disease, or death of persons or damage to or loss of property resulting from or in connection with the negligent performance of this contract by the contractor, its agents, employees, and subcontractors or any one for whom the contractor may be responsible. The obligations, indemnities and liabilities assumed by the contractor under this paragraph shall not extend to any liability caused by the negligence of the Department of Transportation or its employees. The contractor's liability shall not be limited by any provisions or limits of insurance set forth in this contract.

The contractor shall indemnify and hold harmless the Department of Transportation from any claim, demand, suit, liability, judgment, and expense involving damage or loss to the contractor's equipment (including vandalism, theft, fire and acts of God) arising out of or relating to work performed under this agreement. The obligations, indemnities and liabilities assumed by the contractor under this paragraph shall not extend to any liability caused by the negligence of the Department of Transportation or its employees. The contractor's liability shall not be limited by any provisions or limits of insurance set forth in this contract.

The contractor further agrees to indemnify the Department of Transportation for any damages to the roadway, highway signs, highway equipment and other property owned or in possession of the Department of Transportation, brought about by reason of the negligent operation of the leased equipment. The contractor further agrees to indemnify and save harmless the Department of Transportation, its officers and employees from any claims or amounts recovered by any of the contractor's employees under the Worker's Compensation Act.

Pursuant to N.C.G.S. § 97-19, all contractors of the Department of Transportation are, prior to beginning services, required to show proof of coverage issued by a workers' compensation insurance carrier, or a certificate of compliance issued by the Department of Insurance for self-insured subcontractors stating that it has complied with N.C.G.S. § 97-93 irrespective of whether subcontractors have regularly in service fewer than three employees in the same business within the State of North Carolina, and subcontractors shall be hereinafter liable under the Workers' Compensation Act for payment of compensation and other benefits to its employees for any injury or death due to an accident arising out of and in the course of performance of the work insured by the subcontractor.

Proof of insurance shall be furnished to the Engineer prior to beginning work.

#### **LICENSES**

Under the provisions of the North Carolina Department of Transportation's Small Business Enterprise Program, the contractor is **not required to possess a contractor's license** to perform work on this contract.

#### **FUEL PRICE ADJUSTMENT:**

(11-15-05) (Rev. 2-18-14) 109-8 SPI G43

Revise the 2018 Standard Specifications as follows:

#### Page 1-87, Article 109-8, Fuel Price Adjustments, add the following:

The base index price for DIESEL #2 FUEL is \$ 1.2341 per gallon. Where any of the following are included as pay items in the contract, they will be eligible for fuel price adjustment.

The pay items and the fuel factor used in calculating adjustments to be made will be as follows:

| Description                                    | Units   | Fuel Usage<br>Factor Diesel |
|--|---------|-----------------------------|
| Unclassified Excavation                        | Gal/CY  | 0.29                        |
| Borrow Excavation                              | Gal/CY  | 0.29                        |
| Class IV Subgrade Stabilization                | Gal/Ton | 0.55                        |
| Aggregate Base Course                          | Gal/Ton | 0.55                        |
| Sub-Ballast                                    | Gal/Ton | 0.55                        |
| Asphalt Concrete Base Course, Type             | Gal/Ton | 2.90                        |
| Asphalt Concrete Intermediate Course, Type     | Gal/Ton | 2.90                        |
| Asphalt Concrete Surface Course, Type          | Gal/Ton | 2.90                        |
| Open-Graded Asphalt Friction Course            | Gal/Ton | 2.90                        |
| Permeable Asphalt Drainage Course, Type        | Gal/Ton | 2.90                        |
| Sand Asphalt Surface Course, Type              | Gal/Ton | 2.90                        |
| Aggregate for Cement Treated Base Course       | Gal/Ton | 0.55                        |
| Portland Cement for Cement Treated Base Course | Gal/Ton | 0.55                        |
| " Portland Cement Concrete Pavement            | Gal/SY  | 0.245                       |
| Concrete Shoulders Adjacent to " Pavement      | Gal/SY  | 0.245                       |

#### **SCHEDULE OF ESTIMATED COMPLETION PROGRESS:**

(7-15-08) (Rev. 5-13-19) 108-2 SPI G58

The Contractor's attention is directed to the Standard Special Provision entitled *Availability of Funds Termination of Contracts* included elsewhere in this proposal. The Department of Transportation's schedule of estimated completion progress for this project as required by that Standard Special Provision is as follows:

|      | Fiscal Year         | <b>Progress (% of Dollar Value)</b> |  |  |  |
|------|---------------------|-------------------------------------|--|--|--|
| 2021 | (7/01/20 - 6/30/21) | 50% of Total Amount Bid             |  |  |  |
| 2022 | (7/01/21 - 6/30/22) | 50% of Total Amount Bid             |  |  |  |

The Contractor shall also furnish his own progress schedule in accordance with Article 108-2 of the 2018 Standard Specifications. Any acceleration of the progress as shown by the Contractor's progress schedule over the progress as shown above shall be subject to the approval of the Engineer.

#### **USE OF UNMANNED AIRCRAFT SYSTEM (UAS):**

(8-20-19) SP1 G092

The Contractor shall adhere to all Federal, State and Local regulations and guidelines for the use of Unmanned Aircraft Systems (UAS). This includes but is not limited to US 14 CFR Part 107 Small UAS Rule, NC GS 15A-300.2 Regulation of launch and recovery sites, NC GS 63-95 Training required for the operation of unmanned aircraft systems, NC GS 63-96 Permit required for commercial operation of unmanned aircraft system, and NCDOT UAS Policy. The required operator certifications include possessing a current Federal Aviation Administration (FAA) Remote Pilot Certificate, a NC UAS Operator Permit as well as operating a UAS registered with the FAA.

Prior to beginning operations, the Contractor shall complete the NCDOT UAS – Flight Operation Approval Form and submit it to the Engineer for approval. All UAS operations shall be approved by the Engineer prior to beginning the operations.

All contractors or subcontractors operating UAS shall have UAS specific general liability insurance to cover all operations under this contract.

The use of UAS is at the Contractor's discretion. No measurement or payment will be made for the use of UAS. In the event that the Department directs the Contractor to utilize UAS, payment will be in accordance with Article 104-7 Extra Work.

#### **OUTSOURCING OUTSIDE THE USA:**

(9-21-04) (Rev. 5-16-06)

SP1 G150

All work on consultant contracts, services contracts, and construction contracts shall be performed in the United States of America. No work shall be outsourced outside of the United States of America.

*Outsourcing* for the purpose of this provision is defined as the practice of subcontracting labor, work, services, staffing, or personnel to entities located outside of the United States.

The North Carolina Secretary of Transportation shall approve exceptions to this provision in writing.

#### PARTIAL PAYMENT

The Contractor may submit a request for payment at the end of each work request. Compensation for all pay items shall be in accordance with the *Standard Specifications*. One hundred percent (100%) payment shall be made after successful completion of the work as verified by the final inspection.

Requests for payment can be made on the form furnished to the Contractor by the Department of Transportation. The form shall be completely and legibly filled out with all appropriate information supplied and shall be signed by an authorized representative of the Contractor.

All invoice items and unit costs shall correspond to contract pay items. In the event of error or discrepancy in items or unit costs, the Department may return the invoice to the contractor for correction. Invoices must be "electronically scanned" by our office and the image is transmitted to the Purchasing Unit to verify payment. To avoid confusion and delay of payments each invoice should have a <u>Unique Invoice Number</u>, i.e. 1, 2, 3.... In addition, the invoice should be positively identified and associated with the Purchase Order by including the <u>Purchase Order Number</u> on the Invoice.

Minority Business Enterprise (MBE), Women's Business Enterprise (WBE) and/or Disadvantage Business Enterprise (DBE) participation shall be listed on the appropriate form (DBE-IS) and shall accompany all requests for payment. If there is no participation the word "None" or the figure "0" shall be entered. Requests for payment will not be processed without the submission of the DBE-IS form. One hundred percent (100%) payment shall be made after successful completion of the work as verified by the final inspection.

#### **RETAINAGE AND PROMPT PAYMENT**

<u>Prompt Payment of Monies Due Subcontractors, Second Tier Subcontractors and Material Suppliers and Release of Retainage</u>

Contractors at all levels; prime, subcontractor, or second tier contractor, shall within seven calendar days of receipt of monies, resulting from work performed on the project or services rendered, pay subcontractors, second tier subcontractors, or material suppliers, as appropriate. This seven-day period begins upon knowledgeable receipt by the contracting firm obligated to make a subsequent periodic or final payment. These prompt payment requirements will be met if each firm mails the payment to the next level firm by evidence of postmark within the seven-day period.

This provision for prompt payment shall be incorporated into each subcontract or second tier subcontract issued for work performed on the project or for services provided.

The Contractor may withhold up to 3% retainage if any subcontractor does not obtain a payment and performance bond for their portion of the work. If any retainage is held on subcontractors, all retainage shall be released within seven calendar days of satisfactory completion of all work. For the purpose of release of retainage, satisfactory completion is defined as completion of all physical elements and corresponding documentation as defined in the contract, as well as agreement between the parties as to the final quantities for all work performed in the subcontract. The Department will provide internal controls to expedite the determination and processing of the final quantities for the satisfactorily completed subcontract portions of the project.

Failure of any entity to make prompt payment as defined herein may result in (1) withholding of money due to that entity in the next partial payment until such assurances are made satisfactory to this provision; or (2) removal of an approved contractor from the prequalified bidders list or the removal of other entities from the approved subcontractors list.

#### **MANDATORY SUBCONTRACTOR INFORMATION**

The Contractor is to provide a list of all proposed subcontractors he or she plans to use on this project. This list shall include all subcontractors that will be used, not only MBE, WBE or DBE firms. Only pre-approved subcontractors that are registered with the NCDOT may be used. A listing of all contractors (prime or subcontractor) may be found at the following website: <a href="https://partner.ncdot.gov/VendorDirectory/default.html">https://partner.ncdot.gov/VendorDirectory/default.html</a>

Subcontract Approval Form (Form SAF) must be completed for each subcontractor that will be used and returned <u>prior to the issuance of the purchase order</u>. This form can be found at the following website:

http://www.ncdot.org/doh/operations/dp chief eng/constructionunit/saf.xls

If the proposed subcontractor cannot fulfill their obligation and a substitute must be used, then an appropriate form for the replacement subcontractor must delivered to the administrating officer before the new subcontractor is used.

#### **BANKRUPTCY**

The Department of Transportation, at its option, may terminate the contract upon the filing by the contractor of any petition for protection under the provisions of the Federal Bankruptcy Act.

#### **EXTENSION OF CONTRACT TIME**

Failure on the part of the Contractor to furnish bonds or certifications or to satisfy preliminary requirements necessary to issue the purchase order will not constitute grounds for extension of the contract time. If the Contractor has fulfilled all preliminary requirements for the issuance of a purchase order, and the purchase order authorization is not available by the date of availability, the Contractor shall be granted an extension equal to the number of calendar days the purchase order authorization is delayed after the date of availability.

#### CLAIMS FOR ADDITIONAL COMPENSATION OR EXTENSION OF TIME

Any claims for additional compensation and/or extensions of the completion date shall be submitted to the Division Engineer with detailed justification within thirty (30) days after receipt of the final invoice payment. The failure of the Contractor to submit the claim(s) within thirty days shall be a bar to recovery.

#### **CONTRACTOR CLAIM SUBMITTAL FORM**

If the Contractor elects to file a written claim or requests an extension of contract time, it shall be submitted on the Contractor Claim Submittal Form (CCSF) available through the Construction Unit or <a href="http://ncdot.org/doh/operations/dp\_chief\_eng/constructionunit/formsmanuals/">http://ncdot.org/doh/operations/dp\_chief\_eng/constructionunit/formsmanuals/</a>.

#### PROSECUTION AND PROGRESS

The Contractor will be required to prosecute the work in a continuous and uninterrupted manner from the time he begins the work until completion and final acceptance of the project. The contractor will not be permitted to suspend his operations except for reasons beyond his control except where the Engineer has authorized a suspension of the contractor's operations in writing.

The Contractor shall pursue the work diligently with workmen in sufficient numbers, abilities, and supervision, and with equipment, materials, and methods of construction as may be required to complete the work described in the contract by the completion date and in accordance with Section 108 of the *Standard Specifications*.

In the event that the Contractor's operations are suspended in violation of the above provisions, the sum of **Two Hundred Dollars (\$200.00)** will be charged the Contractor for each and every calendar day that such suspension takes place. The said amount is hereby agreed upon as liquidated damages due to extra engineering and maintenance costs and due to increased public hazard resulting from a suspension of the work. Liquidated damages chargeable due to suspension of the work will be additional to any liquidated damages that may become chargeable due to failure to complete the work on time.

#### **TEMPORARY SUSPENSION OF WORK**

In accordance with Article 108-7 of the 2012 Standard Specifications, the Engineer will have the authority to suspend the work wholly or in part, any written order for such periods as he may deem necessary for any of the following reasons.

- 1. Conditions considered unfavorable for the suitable prosecution of the work, or
- 2. The Contractor's failure for correct conditions unsafe for workmen or the general public, or
- 3. The Contractor has not carried out orders given to him by the Engineer, or
- 4. The Contractor's failure to perform any provisions of the contract.

No extension of the completion date will be allowed for the above suspensions except as may be provided for in Article 108-10.

#### **AUTHORITY OF THE ENGINEER**

The Engineer for this project shall be the Division Engineer, Division 11, Division of Highways, North Carolina Department of Transportation, acting directly or through his duly authorized representatives.

The Engineer will decide all questions which may arise as to the quality and acceptability of work performed and as to the rate of progress of the work; all questions which may arise as to the interpretation of the contract; and all questions as to the acceptable fulfillment of the contract on the part of the Contractor. His decision shall be final, and he shall have executive authority to enforce and make effective such decisions and orders as the Contractor fails to carry out promptly.

#### **APPROVAL OF PERSONNEL**

The State shall have the right to approve or reject the project engineer and other supervisory personnel, assigned to a project.

The Engineers or any subcontractor for the Engineers which are employed to provide engineering services for this project shall not engage the services of any person or persons, now in the employment of the State during the time of this Agreement, without written consent of the State.

In the event of engagement, the Engineers or their subcontractors shall restrict such person or persons from working on any of the Engineers' contracted projects in which the person or persons were formerly involved while employed by the State. This restriction period shall be for the duration of the contracted project with which the person or persons was involved. "Involvement" shall be defined as active participation in any of the following activities:

- Drafting the contract;
- Defining the scope of the contract;
- Selection of the Engineers' firm for services;
- Negotiation of the cost of the contract (including calculating man-hours or fees); and
- Administration of the contract.

An exception to these terms may be granted when recommended by the Secretary and approved by the Board of Transportation. Failure to comply with the terms stated above in this section shall be grounds for termination of this contract.

#### SUPERVISION BY CONTRACTOR

At all times during the life of the project the Contractor shall provide one permanent employee who shall have the authority and capability for overall responsibility of the project and who shall be personally available at the work site within 24 hours' notice. Such employee shall be fully authorized to conduct all business with the subcontractors, to negotiate and execute all supplemental agreements, and to execute the orders or directions of the Engineer.

At all times that work is actually being performed, the Contractor shall have present on the project one competent individual who is authorized to act in a supervisory capacity over all work on the project, including work subcontracted. The individual who has been so authorized shall be experienced in the type of work being performed and shall be fully capable of managing, directing, and coordinating the work; of reading and thoroughly understanding the contract; and receiving

and carrying out directions from the Engineer or his authorized representatives. He shall be an employee of the Contractor unless otherwise approved by the Engineer.

The Contractor may, at his option, designate one employee to meet the requirements of both positions. However, whenever the designated employee is absent from the work site, an authorized individual qualified to act in a supervisory capacity on the project shall be present.

#### **CONTRACTOR PERSONNEL**

The Department will not be responsible in any way to the Contractor's personnel for damages, destruction or loss, from any cause, to the Contractor's equipment, supplies, materials or tools or the personal property of the Contractor's personnel. The Contractor will be responsible for all repairs, regardless of cost, resulting from the negligence of the Contractor or Contractor's employees. The Department will not participate in the cost of such repairs.

#### **INSPECTION**

All work shall be subject to inspection by the Engineer at any time. Routinely, the Engineer will make periodic inspections of the completed work. It will be the responsibility of the Contractor to keep the Engineer informed of his proposed work plan and to submit written reports of work accomplished on a frequency to be determined by the Engineer.

#### MATERIALS AND TESTING

The Engineer reserves the right to perform all sampling and testing in accordance with Section 106 of the *Standard Specifications* and the Department's "Materials and Test Manual." However the Engineer may reduce the frequency of sampling and testing where he deems it appropriate for the project under construction.

The Contractor shall furnish the applicable certifications and documentation for all materials as required by the *Standard Specifications*. Material that is not properly certified will not be accepted.

#### **Project Special Provisions**

#### **NOTES TO CONTRACTOR**

- 1. Refer to the 2018 Standard Specifications for Roads and Structures and Roadway Standard Drawings and any Special Provisions in contract for guidelines on this project.
- 2. Quantities included in this contract will vary and will be determined by the actual amount of "Incidental Concrete Work" required.
- 3. Any damage to adjacent shoulders, medians, paved areas or other facilities shall be repaired or replaced by the Contractor to the satisfaction of the Engineer.
- 4. All work performed by the contractor shall be in compliance with the 2018 Standard Specifications and Workmanship/Appearance done to the satisfaction of the Engineer.
- 5. All work items necessary to complete the work other than listed on the "Bid Proposal Form" will be considered incidental in nature and no further compensation will be made. Any work performed in an unsatisfactory manner could be basis for cancellation of the contract.
- 6. Curb Drop and Gutter without curb ramp will be paid as standard Curb and Gutter
- 7. Curb Ramp without Curb and Gutter will be paid as standard Sidewalk.

#### **PRECONSTRUCTION CONFERENCE**

When it has been determined that incidental concrete work is needed, the contractor will be contacted by the Engineer responsible for the county in which the work will be performed. The Engineer and Contractor will schedule a meeting to discuss the work required and location(s) needed.

#### **NOTIFICATION OF OPERATIONS**

The Contractor or their appointed representative shall notify the Engineer 24 hours in advance of beginning work on any site included in this contract. The Contractor shall give the Engineer sufficient notice of all operations for any sampling or acceptance testing required.

#### **CONTRACT BID QUANTITIES**

The quantities shown in the itemized proposal for the project are considered to be approximate only and are given as the basis for comparison of bids. The Department of Transportation may

increase or decrease the quantity of any item or portion of the work as may be deemed necessary or expedient.

An increase or decrease in the quantity of any item will not be regarded as sufficient ground for an increase or decrease in the unit prices, nor in the time allowed for the completion of the work, except as provided for the contract.

Contractor's pricing shall be based on the estimated quantities per Division. These estimated amounts are submitted to assist contractors in the bidding process. Estimated quantities are not to be regarded as actual requirements. The State shall not be obligated to purchase any specific quantity.

#### **DRIVEWAYS AND PRIVATE PROPERTY**

The Contractor shall maintain access to driveways for all residents and property owners throughout the life of the project.

The Contractor shall not perform work for private citizens or agencies in conjunction with this project or within the project limits of this contract.

#### **FINAL ACCEPTANCE**

Final acceptance will be made only after the satisfactory completion of all work covered by this contract. All work shall be completed in a neat, workmanlike manner. That work which has not been completed in such a manner will not be accepted.

#### **MOBILIZATION**

The Contractor will be paid a mobilization fee for each time work is requested. <u>If work is requested for two or more locations at the same time, only one mobilization charge will be paid.</u>

Under this item the contractor shall respond to the Engineer's Work Request within **thirty (30)** calendar days. Work Requests for "Incidental Concrete Construction" will have no minimum limits and the contractor shall consider this when submitting the price for this bid item. Failure to respond within the designated time frame or as approved by the Engineer may result in liquidated damages or cancellation of this contract.

Payment will be made under:

Pay ItemPay UnitMobilizationEach

#### **AGGREGATE PRODUCTION**

Provide aggregate from a producer who uses the current Aggregate Quality Control/Quality Assurance Program, which is in effect at the time of shipment.

No price adjustment is allowed to contractors or producers who use the program. Participation in the program does not relieve the producer of the responsibility of complying with all requirements of the *Standard Specifications*. Copies of this procedure are available upon request from the Materials and Test Unit.

#### **DISPOSAL OF WASTE AND DEBRIS**

The work covered by this section consists of the disposal of waste and debris in accordance with the requirements of Section 802 of the 2018 Standard Specifications.

#### **HIGH STRENGTH CONCRETE FOR DRIVEWAYS**

Use high early strength concrete for all driveways shown in the plans and as directed by the Engineer. Provide high early strength concrete that meets the requirements of Article 1000-6 of the *Standard Specifications*.

Measurement and payment will be in accordance with Section 848 of the Standard Specifications.

#### CONCRETE BRICK AND BLOCK PRODUCTION

Provide concrete brick and block from a producer who uses the current Solid Concrete Masonry Brick/Unit Quality Control/Quality Assurance Program that is in effect on the date that material is received on the project.

No price adjustment is allowed to contractors or producers who use the program. Participation in the program does not relieve the producer of the responsibility of complying with all requirements of the *Standard Specifications*. Copies of this procedure are available upon request from the Materials and Test Unit.

#### **CONCRETE APRONS FOR MASONARY DRAINAGE STRUCTURES**

At locations determined by the engineer, construct concrete aprons, in accordance with Section 840 of the *Roadway Standard Drawings dated January 2018*. Use materials meeting the requirements of Section 825 of the Standard Specifications except that the concrete must be Class "B" or of higher compressive strength.

Each apron completed and accepted will be paid for at the contract unit price per each for "Concrete Aprons For Masonry Drainage Structures". Such price and payment will be full compensation for all materials, labor, equipment, tools, removing and disposing of the existing aprons, and any other incidentals necessary to complete the work satisfactorily.

Payment will be made under:

Concrete Aprons for Masonry Drainage Structures..... Each

#### TRAFFIC CONTROL AND WORK ZONE SAFETY

The Contractor shall maintain traffic during construction and provide, install, and maintain all traffic control devices in accordance with these project guidelines, the Project Special Provisions, the current edition of the *Standard Specifications for Roads and Structures*, and the *MUTCD*.

The Contractor shall utilize complete and proper traffic controls and traffic control devices during all operations. All traffic control and traffic control devices required for any operation shall be functional and in place prior to the commencement of that operation. Signs for temporary operations shall be removed during periods of inactivity. The Contractor is required to leave the project in a manner that will be safe to the traveling public and which will not impede motorists.

All personnel, when working in traffic areas or areas in close proximity to traffic, shall wear an approved safety vest, shirt, or jacket which meets the color requirements of the *MUTCD*.

The Contractor shall comply with all applicable Federal, State, and local laws, ordinances, and regulations governing safety, health, and sanitation, and shall provide all safeguards, safety devices, and protective equipment, and shall take any other needed actions, on his own responsibility that are reasonably necessary to protect the life and health of employees on the job and the safety of the public, and to protect property in connection with the performance of the work covered by the contract.

Failure to comply with any of the requirements for safety and traffic control of this contract shall result in suspension of work as provided in Subarticle 108-7 of the *Standard Specifications*.

No direct payment will be made for the signing and traffic control items including Truck Mounted Impact Attenuators (TMIA - see Section 1165 of the *Standard Specifications* and the *Roadway Standard Drawings*) except that work which requires the closure of a lane on a divided highway. This work will be paid for at the contract unit price for "Traffic Control, Full Lane Closure Divided Highway". All other signing and traffic control items will be considered incidental to the various other bid items in the contract.

#### TRAFFIC CONTROL, FULL LANE CLOSURE DIVIDED HIGHWAY

As stated in the General Provisions of this contract, the contractor shall maintain traffic during work on this project. The contractor shall provide and utilize complete and proper traffic controls and traffic control devices during all operations. All traffic control and traffic control devices required for any operation shall be functional and in place prior to the commencement of that operation. All signs, lights, flaggers and other traffic control devices shall be considered incidental to the work of this contract with the exception of a full lane closure on a multilane freeway or expressway.

When limbs or trees are being removed from multilane facilities, such as freeways or expressways, and the Contractor must be in the roadway to perform the work, a full lane closure shall be used. When the removal of any limbs or trees may result in any debris falling onto the travel way or paved shoulder of any controlled access facilities such as freeways or expressways, a full lane closure shall be used. Full lane closures may also be required at the discretion of the Engineer. A full lane closure, for the purposes of this contract, is where conditions warrant the use of a flashing arrow panel, a dual indicating series of signs, merging taper(s), and possibly a truck mounted impact attenuator. In an urban location, where traffic speeds are low and traffic control can be handled by signs; cones and flaggers shall not be considered a full lane closure.

The contractor, as stated in this contract, shall be responsible for providing all necessary traffic control. This shall include any full lane closure on a multilane facility. When a lane closure is required by the Engineer, as established by the conditions stated in this provision, the contractor shall be paid the bid price for each required full lane closure. The contractor shall remove as many limbs or trees within a single lane closure as possible. Every effort shall be made to minimize the number of lane closures required to perform this work. The Engineer shall decide the appropriate length of any lane closures; however, no single lane closure shall be more than 1.5 miles in length. The contractor shall exercise every effort to perform as much work as possible in a manner that will eliminate the need for any lane closures.

#### **Method of Payment**

Payment for the work covered under this provision will be based on the number of full lane closures, required by the Engineer, and installed by the contractor.

Payment will be made under the following item:

Pay ItemPay UnitTraffic Control, Full Lane Closure Divided HighwayEA

#### EROSION, SILTATION, AND POLLUTION CONTROL

The Contractor shall exercise every reasonable precaution and take all necessary measures throughout the life of the project to prevent erosion, siltation, and pollution in accordance with Section 107-12 of the *Standard Specifications*.

#### PORTLAND CEMENT CONCRETE PRODUCTION AND DELIVERY:

(9-15-20) 1000, 1014, 1024

SP10 R01

Revise the 2018 Standard Specifications as follows:

Page 10-6, Table 1000-1, REQUIREMENTS FOR CONCRETE, replace with the following:

| TABLE 1000-1 REQUIREMENTS FOR CONCRETE  |   |  |           |                         |           |   |                              |                |       |       |           |       |       |         |
|---|---|--|-----------|-------------------------|-----------|---|------------------------------|----------------|-------|-------|-----------|-------|-------|---------|
| ه ه                                     | essive<br>8 days                        |  |           |                         |           | Consistency<br>Maximum<br>Slump                     |                              | Cement Content |       |       |           |       |       |         |
| Class of                                | Min. Compressive<br>Strength at 28 days | Air-Entrained E                        |           | Air-Entrain<br>Concrete |           | Non-Air-<br>Entrained<br>Concrete                   |                              | Vibrated Non-  | rated | _     | Vib       | rated | Non-V | ibrated |
|   | Min.<br>Stren                           | Rounded Angular<br>Aggregate Aggregate |           | Rounded<br>Aggregate    |           | Vib   |                              |                |       | 7.5   |           |       |       |         |
|   |   |  |           |                         |           |   | -                            | Min.           | Max.  | Min.  | Max.      |       |       |         |
| Units                                   | psi                                     |  |           |                         |           | inch  | inch                         | lb/cy          | lb/cy | lb/cy | lb/cy     |       |       |         |
| AA                                      | 4500                                    | 0.381                                  | 0.426     |                         |           | 3.5 <sup>A</sup>                                    |                              | 639            | 715   |       |           |       |       |         |
| AA Slip<br>Form                         | 4500                                    | 0.381                                  | 0.426     |                         |           | 1.5   |                              | 639            | 715   |       |           |       |       |         |
| Drilled Pier                            | 4500                                    |  |           | 0.450                   | 0.450     |   | 5 – 7<br>dry<br>7 - 9<br>wet |                |       | 640   | 800       |       |       |         |
| A                                       | 3000                                    | 0.488                                  | 0.532     | 0.550                   | 0.594     | 3.5 A   | 4.0                          | 564            |       | 602   |           |       |       |         |
| В                                       | 2500                                    | 0.488                                  | 0.567     | 0.559                   | 0.630     | 1.5<br>machine<br>placed<br>2.5 A<br>hand<br>placed | 4.0                          | 508            |       | 545   |           |       |       |         |
| Sand Light-<br>weight                   | 4500                                    |  | 0.420     |                         |           | 4.0 A   |                              | 715            |       |       |           |       |       |         |
| Latex<br>Modified                       | 3000<br>(at 7<br>days)                  | 0.400                                  | 0.400     |                         |           | 6.0   |                              | 658            |       |       |           |       |       |         |
| Flowable<br>Fill<br>excavatable         | 150<br>max.<br>(at 56<br>days)          | as needed                              | as needed | as needed               | as needed |   | Flowable                     |                |       | 40    | 100       |       |       |         |
| Flowable<br>Fill<br>non-<br>excavatable | 125                                     | as needed                              | as needed | as needed               | as needed |   | Flowable                     |                |       | 100   | as needed |       |       |         |

| Pavement    | 4500<br>Design,<br>field<br>650<br>flexural,<br>design<br>only | 0.559               | 0.559               | <br> | 1.5<br>slip form<br>3.0<br>hand<br>placed |           | 526       |           |           |           |
|-------------|--|---------------------|---------------------|------|---|-----------|-----------|-----------|-----------|-----------|
| Precast     | See<br>Table<br>1077-1   | as needed           | as needed           | <br> | 6.0                                       | as needed |
| Prestressed | per<br>contract  | See Table<br>1078-1 | See Table<br>1078-1 | <br> | 8.0                                       |           | 564       | as needed |           |           |

A. The slump may be increased to 6 inches, provided the increase in slump is achieved by adding a chemical admixture conforming to Section 1024-3. In no case shall the water-cement ratio on the approved design be exceeded. Concrete exhibiting segregation and/or excessive bleeding will be rejected. Utilizing an Admixture to modify slump does not relinquish the contractor's responsibility to ensure the final product quality and overall configuration meets design specifications. Caution should be taken when placing these modified mixes on steep grades to prevent unintended changes to the set slope.

#### HIGH STRENGTH CONCRETE FOR DRIVEWAYS:

(11-21-00) (Rev. 1-17-12) 848 SP10 R02

Use high early strength concrete for all driveways shown in the plans and as directed by the Engineer. Provide high early strength concrete that meets the requirements of Article 1000-5 of the 2018 Standard Specifications.

Measurement and payment will be in accordance with Section 848 of the 2018 Standard Specifications.

#### **MATERIALS FOR PORTLAND CEMENT CONCRETE:**

(9-15-20) 1000, 1024 SP10 R24

Revise the 2018 Standard Specifications as follows:

Page 10-52, Article 1024-4, WATER, lines 3-6, delete and replace with the following: Test water from wells at all locations. Test public water supplies from all out of state locations and in the following counties: Beaufort, Bertie, Brunswick, Camden, Carteret, Chowan, Craven, Currituck, Dare, Gates, Hyde, New Hanover, Onslow, Pamlico, Pasquotank, Pender, Perquimans, Tyrell and Washington unless the Engineer waives the testing requirements.

Page 10-52 Table 1024-2 PHYSICAL PROPERTIES OF WATER, replace with the

Page 10-52, Table 1024-2, PHYSICAL PROPERTIES OF WATER, replace with the following:

| Property  | Requirement | <b>Test Method</b> |
|---|-------------|--------------------|
| Compression Strength, minimum percent of control at | 90%         | ASTM C1602         |
| 3 and 7 days  |             |                    |

| Time of set, deviation from control  | From 1:00 hr.<br>earlier to 1:30 hr.<br>later | ASTM C1602   |
|--------------------------------------|---|--------------|
| рН                                   | 4.5 to 8.5                                    | ASTM D1293 * |
| Chloride Ion Content, Max.           | 250 ppm                                       | ASTM D512 *  |
| Total Solids Content (Residue), Max. | 1,000 ppm                                     | SM 2540B *   |
| Resistivity, Min.                    | 0.500 kohm-cm                                 | ASTM D1125 * |

<sup>\*</sup>Denotes an alternate method is acceptable. Test method used shall be referenced in the test report.

## STANDARD SPECIAL PROVISION AVAILABILITY OF FUNDS – TERMINATION OF CONTRACTS

(5-20-08) Z-2

General Statute 143C-6-11. (h) Highway Appropriation is hereby incorporated verbatim in this contract as follows:

(h) Amounts Encumbered. – Transportation project appropriations may be encumbered in the amount of allotments made to the Department of Transportation by the Director for the estimated payments for transportation project contract work to be performed in the appropriation fiscal year. The allotments shall be multiyear allotments and shall be based on estimated revenues and shall be subject to the maximum contract authority contained in General Statute 143C-6-11(c). Payment for transportation project work performed pursuant to contract in any fiscal year other than the current fiscal year is subject to appropriations by the General Assembly. Transportation project contracts shall contain a schedule of estimated completion progress, and any acceleration of this progress shall be subject to the approval of the Department of Transportation provided funds are available. The State reserves the right to terminate or suspend any transportation project contract, and any transportation project contract shall be so terminated or suspended if funds will not be available for payment of the work to be performed during that fiscal year pursuant to the contract. In the event of termination of any contract, the contractor shall be given a written notice of termination at least 60 days before completion of scheduled work for which funds are available. In the event of termination, the contractor shall be paid for the work already performed in accordance with the contract specifications.

Payment will be made on any contract terminated pursuant to the special provision in accordance with Subarticle 108-13(D) of the 2018 Standard Specifications.

#### **ERRATA**

(10-16-18) (Rev.1-15-19)

Z-4

Revise the 2018 Standard Specifications as follows:

#### **Division 6**

Page 6-7, Article 609-1 DESCRIPTION, line 29, replace article number "609-10" with "609-9".

#### Division 7

Page 7-27, Article 725-1 MEASUREMENT AND PAYMENT, line 4, replace article number "725-1" with "724-4".

Page 7-28, Article 725-1 MEASUREMENT AND PAYMENT, line 10, replace article number "725-1" with "725-3".

#### **Division 10**

Page 10-78, Article 1056-4 GEOTEXTILES, TABLE 1056-1, Permittivity, Type 2, replace "Table  $6^{D}$ " with "Table  $7^{D}$ " and Permittivity, Type  $3^{B}$ , replace "Table  $7^{D}$ " with "Table  $8^{D}$ ".

Page 10-162, Article 1080-50 PAINT FOR VERTICAL MARKERS, line 1, replace article number "1080-50" with "1080-10".

Page 10-162, Article 1080-61 EPOXY RESIN FOR REINFORCING STEEL, line 5, replace article number "1080-61" with "1080-11".

Page 10-162, Article 1080-72 ABRASIVE MATERIALS FOR BLAST CLEANING STEEL, line 22, replace article number "1080-72" with "1080-12".

Page 10-163, Article 1080-83 FIELD PERFORMANCE AND SERVICES, line 25, replace article number "1080-83" with "1080-13".

#### **Division 17**

Page 17-15, Article 1715-4 MEASUREMENT AND PAYMENT, lines 42-44, replace the second sentence with the following:

An example is an installation of a single 1.25 inch HDPE conduit would be paid as:

Directional Drill (1)(1.25") Linear Foot

#### PLANT AND PEST QUARANTINES

(Imported Fire Ant, Gypsy Moth, Witchweed, Emerald Ash Borer, Guava Root Knot Nematode, And Other Noxious Weeds)

(3-18-03) (Rev. 5-21-19) Z-04a

#### Within Quarantined Area

This project may be within a county regulated for plant and/or pests. If the project or any part of the Contractor's operations is located within a quarantined area, thoroughly clean all equipment prior to moving out of the quarantined area. Comply with federal/state regulations by obtaining a certificate or limited permit for any regulated article moving from the quarantined area.

#### **Originating in a Quarantined County**

Obtain a certificate or limited permit issued by the N.C. Department of Agriculture/United States Department of Agriculture. Have the certificate or limited permit accompany the article when it arrives at the project site.

#### Contact

Contact the N.C. Department of Agriculture/United States Department of Agriculture at 1-800-206-9333, 919-707-3730, or <a href="https://www.ncagr.gov/plantindustry/Plant/quaran/table2.htm">https://www.ncagr.gov/plantindustry/Plant/quaran/table2.htm</a> to determine those specific project sites located in the quarantined area or for any regulated article used on this project originating in a quarantined county.

#### **Regulated Articles Include**

- 1. Soil, sand, gravel, compost, peat, humus, muck, and decomposed manure, separately or with other articles. This includes movement of articles listed above that may be associated with cut/waste, ditch pulling, and shoulder cutting.
- 2. Plants with roots including grass sod.
- 3. Plant crowns and roots.
- 4. Bulbs, corms, rhizomes, and tubers of ornamental plants.
- 5. Hay, straw, fodder, and plant litter of any kind.
- 6. Clearing and grubbing debris.
- 7. Used agricultural cultivating and harvesting equipment.
- 8. Used earth-moving equipment.
- 9. Any other products, articles, or means of conveyance, of any character, if determined by an inspector to present a hazard of spreading imported fire ant, gypsy moth, witchweed, emerald ash borer, guava root knot nematode, or other noxious weeds.

#### **MINIMUM WAGES**

(7-21-09) Z-5

**FEDERAL:** The Fair Labor Standards Act provides that with certain exceptions every employer shall pay wages at the rate of not less than SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

**STATE:** The North Carolina Minimum Wage Act provides that every employer shall pay to each of his employees, wages at a rate of not less than SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

The minimum wage paid to all skilled labor employed on this contract shall be SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

The minimum wage paid to all intermediate labor employed on this contract shall be SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

The minimum wage paid to all unskilled labor on this contract shall be SEVEN DOLLARS AND TWENTY FIVE CENTS (\$7.25) per hour.

This determination of the intent of the application of this act to the contract on this project is the responsibility of the Contractor.

The Contractor shall have no claim against the Department of Transportation for any changes in the minimum wage laws, Federal or State. It is the responsibility of the Contractor to keep fully informed of all Federal and State Laws affecting his contract.

#### TITLE VI AND NONDISCRIMINATION:

(6-28-77)(Rev 6/19/2018)

Z-6

Revise the 2018 Standard Specifications as follows:

Replace Article 103-4(B) with the following:

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 discrimination prohibited by the Acts and the Regulations, including employment practices when the contract covers any activity, project, or program set forth in Appendix B of 49 CFR Part 21.
- (c) Solicitations for Subcontractors, Including Procurements of Materials and Equipment In all solicitations, either by competitive bidding, or negotiation made by the contractor for work to be performed under a subcontract, including procurements of materials, or leases of equipment, each potential subcontractor or supplier shall be notified by the contractor of the contractor's obligations under this contract and the Acts and the Regulations relative to Nondiscrimination on the grounds of race, color, or national origin.

#### (d) Information and Reports

The contractor shall provide all information and reports required by the Acts, the Regulations, and directives issued pursuant thereto and shall permit access to its books,

records, accounts, other sources of information, and its facilities as may be determined by the Recipient or the FHWA to be pertinent to ascertain compliance with such Acts, Regulations, and instructions. Where any information required of a contractor is in the exclusive possession of another who fails or refuses to furnish the information, the contractor shall so certify to the Recipient or the FHWA, as appropriate, and shall set forth what efforts it has made to obtain the information.

#### (e) Sanctions for Noncompliance:

In the event of a contractor's noncompliance with the Non-discrimination provisions of this contract, the Recipient will impose such contract sanctions as it and/or the FHWA may determine to be appropriate, including, but not limited to:

- (i) Withholding payments to the contractor under the contract until the contractor complies; and/or
- (ii) Cancelling, terminating, or suspending a contract, in whole or in part.

#### (f) Incorporation of Provisions

The contractor shall include the provisions of paragraphs (a) through (f) in every subcontract, including procurements of materials and leases of equipment, unless exempt by the Acts, the Regulations and directives issued pursuant thereto. The contractor shall take action with respect to any subcontract or procurement as the Recipient or the FHWA may direct as a means of enforcing such provisions including sanctions for noncompliance. Provided, that if the contractor becomes involved in, or is threatened with litigation by a subcontractor, or supplier because of such direction, the contractor may request the Recipient to enter into any litigation to protect the interests of the Recipient. In addition, the contractor may request the United States to enter into the litigation to protect the interests of the United States.

#### (2) Title VI Nondiscrimination Program (23 CFR 200.5(p))

The North Carolina Department of Transportation (NCDOT) has assured the USDOT that, as a condition to receiving federal financial assistance, NCDOT will comply with Title VI of the Civil Rights Act of 1964 and all requirements imposed by Title 49 CFR part 21 and related nondiscrimination authorities to ensure that no person shall, on the ground of race, color, national origin, limited English proficiency, sex, age, or disability (including religion/creed or income-level, where applicable), be excluded from participation in, be denied the benefits of, or be subjected to discrimination under any programs, activities, or services conducted or funded by NCDOT. Contractors and other organizations under contract or agreement with NCDOT must also comply with Title VI and related authorities, therefore:

- (a) During the performance of this contract or agreement, contractors (e.g., subcontractors, consultants, vendors, prime contractors) are responsible for complying with NCDOT's Title VI Program. Contractors are not required to prepare or submit Title VI Programs. To comply with this section, the prime contractor shall:
  - 1. Post NCDOT's Notice of Nondiscrimination and the Contractor's own Equal Employment Opportunity (EEO) Policy in conspicuous locations accessible to all employees, applicants and subcontractors on the jobsite.
  - 2. Physically incorporate the required Title VI clauses into all subcontracts on federally-assisted and state-funded NCDOT projects, and ensure inclusion by subcontractors into all lower-tier subcontracts.

- 3. Required Solicitation Language. The Contractor shall include the following notification in all solicitations for bids and requests for work or material, regardless of funding source:
  - "The North Carolina Department of Transportation, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252, 42 US.C. §§ 2000d to 2000d-4) and the Regulations, hereby notifies all bidders that it will affirmatively ensure that any contract entered into pursuant to this advertisement, disadvantaged business enterprises will be afforded full and fair opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, or national origin in consideration for an award. In accordance with other related nondiscrimination authorities, bidders and contractors will also not be discriminated against on the grounds of sex, age, disability, low-income level, creed/religion, or limited English proficiency in consideration for an award."
- 4. Physically incorporate the FHWA-1273, in its entirety, into all subcontracts and subsequent lower tier subcontracts on Federal-aid highway construction contracts only.
- 5. Provide language assistance services (i.e., written translation and oral interpretation), free of charge, to LEP employees and applicants. Contact NCDOT OCR for further assistance, if needed.
- 6. For assistance with these Title VI requirements, contact the NCDOT Title VI Nondiscrimination Program at 1-800-522-0453.
- (b) Subrecipients (e.g. cities, counties, LGAs, planning organizations) may be required to prepare and submit a Title VI Plan to NCDOT, including Title VI Assurances and/or agreements. Subrecipients must also ensure compliance by their contractors and subrecipients with Title VI. (23 CFR 200.9(b)(7))
- (c) If reviewed or investigated by NCDOT, the contractor or subrecipient agrees to take affirmative action to correct any deficiencies found within a reasonable time period, not to exceed 90 calendar days, unless additional time is granted by NCDOT. (23 CFR 200.9(b)(15))
- (d) The Contractor is responsible for notifying subcontractors of NCDOT's External Discrimination Complaints Process.
  - 1. Applicability
    - Title VI and related laws protect participants and beneficiaries (e.g., members of the public and contractors) from discrimination by NCDOT employees, subrecipients and contractors, regardless of funding source.
  - 2. Eligibility
    - Any person—or class of persons—who believes he/she has been subjected to discrimination based on race, color, national origin, Limited English Proficiency (LEP), sex, age, or disability (and religion in the context of employment, aviation, or transit) may file a written complaint. The law also prohibits intimidation or retaliation of any sort.
  - 3. Time Limits and Filing Options
    Complaints may be filed by the affected individual(s) or a representative and must be filed no later than 180 calendar days after the following:
    - (i) The date of the alleged act of discrimination; or

- (ii) The date when the person(s) became aware of the alleged discrimination; or
- (iii) Where there has been a continuing course of conduct, the date on which that conduct was discontinued or the latest instance of the conduct.

Title VI and related discrimination complaints may be submitted to the following entities:

- North Carolina Department of Transportation, Office of Civil Rights, Title VI Program, 1511 Mail Service Center, Raleigh, NC 27699-1511; toll free 1-800-522-0453
- ➤ Federal Highway Administration, North Carolina Division Office, 310 New Bern Avenue, Suite 410, Raleigh, NC 27601, 919-747-7010
- ➤ US Department of Transportation, Departmental Office of Civil Rights, External Civil Rights Programs Division, 1200 New Jersey Avenue, SE, Washington, DC 20590; 202-366-4070

#### 4. Format for Complaints

Complaints must be in writing and signed by the complainant(s) or a representative, and include the complainant's name, address, and telephone number. Complaints received by fax or e-mail will be acknowledged and processed. Allegations received by telephone will be reduced to writing and provided to the complainant for confirmation or revision before processing. Complaints will be accepted in other languages, including Braille.

5. Discrimination Complaint Form
Contact NCDOT Civil Rights to receive a full copy of the Discrimination
Complaint Form and procedures.

#### 6. Complaint Basis

Allegations must be based on issues involving race, color, national origin (LEP), sex, age, disability, or religion (in the context of employment, aviation or transit). "Basis" refers to the complainant's membership in a protected group category.

| TABLE 103-1<br>COMPLAINT BASIS                |  |   |  |  |  |  |
|---|--|---|--|--|--|--|
| Protected Categories                          | Definition   | Examples  | Applicable Nondiscrimination<br>Authorities  |  |  |  |
| Race and Ethnicity                            | An individual belonging to one of the accepted racial groups; or the perception, based usually on physical characteristics that a person is a member of a racial group | Black/African<br>American,<br>Hispanic/Latino,<br>Asian, American<br>Indian/Alaska Native,<br>Native<br>Hawaiian/Pacific<br>Islander, White | Title VI of the Civil Rights Act of 1964;<br>49 CFR Part 21;<br>23 CFR 200;<br>49 U.S.C. 5332(b);<br>49 U.S.C. 47123.<br>(Executive Order 13166) |  |  |  |
| Color   | Color of skin, including shade of skin within a racial group   | Black, White, brown, yellow, etc.   |  |  |  |  |
| National Origin (Limited English Proficiency) | Place of birth. Citizenship is not<br>a factor. (Discrimination based<br>on language or a person's<br>accent is also covered)  | Mexican, Cuban,<br>Japanese,<br>Vietnamese, Chinese   |  |  |  |  |
| Sex   | Gender. The sex of an individual.  | Women and Men   | 1973 Federal-Aid Highway Act;<br>49 U.S.C. 5332(b);<br>49 U.S.C. 47123.  |  |  |  |

| Age  | Note: Sex under this program does not include sexual orientation.  Persons of any age  | 21-year-old person  | Age Discrimination Act of 1975 49 U.S.C. 5332(b); 49 U.S.C. 47123.  |
|--|--|---|---|
| Disability   | Physical or mental impairment, permanent or temporary, or perceived.   | Blind, alcoholic,<br>para-amputee,<br>epileptic, diabetic,<br>arthritic | Section 504 of the Rehabilitation Act of 1973;<br>Americans with Disabilities Act of 1990   |
| Religion (in the context of employment) (Religion/ Creed in all aspects of any aviation or transit-related construction) | An individual belonging to a religious group; or the perception, based on distinguishable characteristics that a person is a member of a religious group. In practice, actions taken as a result of the moral and ethical beliefs as to what is right and wrong, which are sincerely held with the strength of traditional religious views. <i>Note:</i> Does not have to be associated with a recognized religious group or church; if an individual sincerely holds to the belief, it is a protected religious practice. | Muslim, Christian,<br>Sikh, Hindu, etc.                                 | Title VII of the Civil Rights Act of 1964;<br>23 CFR 230;<br>FHWA-1273 Required Contract Provisions.<br>(49 U.S.C. 5332(b);<br>49 U.S.C. 47123) |

#### (3) Pertinent Nondiscrimination Authorities

During the performance of this contract, the contractor, for itself, its assignees, and successors in interest agrees to comply with the following non-discrimination statutes and authorities, including, but not limited to:

- (a) Title VI of the Civil Rights Act of 1964 (42 U.S.C. § 2000d et seq., 78 stat. 252), (prohibits discrimination on the basis of race, color, national origin); and 49 CFR Part 21.
- (b) The Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, (42 U.S.C. § 4601), (prohibits unfair treatment of persons displaced or whose property has been acquired because of Federal or Federal-aid programs and projects);
- (c) Federal-Aid Highway Act of 1973, (23 U.S.C. § 324 et seq.), (prohibits discrimination on the basis of sex);
- (d) Section 504 of the Rehabilitation Act of 1973, (29 U.S.C. § 794 et seq.), as amended, (prohibits discrimination on the basis of disability) and 49 CFR Part 27;
- (e) The Age Discrimination Act of 1975, as amended, (42 U.S.C. § 6101 et seq.), (prohibits discrimination on the basis of age);
- (f) Airport and Airway Improvement Act of 1982, (49 USC § 471, Section 47123), as amended, (prohibits discrimination based on race, creed, color, national origin, or sex);
- (g) The Civil Rights Restoration Act of 1987, (PL 100-209), (Broadened the scope, coverage and applicability of Title VI of the Civil Rights Act of 1964, The Age Discrimination Act of 1975 and Section 504 of the Rehabilitation Act of 1973, by expanding the definition of the terms "programs or activities" to include all of the programs or activities of the Federal-aid recipients, sub-recipients and contractors, whether such programs or activities are Federally funded or not);

- (h) Titles II and III of the Americans with Disabilities Act, which prohibit discrimination on the basis of disability in the operation of public entities, public and private transportation systems, places of public accommodation, and certain testing entities (42 U.S.C. §§ 12131-12189) as implemented by Department of Transportation regulations at 49 C.F.R. parts 37 and 38;
- (i) The Federal Aviation Administration's Nondiscrimination statute (49 U.S.C. § 47123) (prohibits discrimination on the basis of race, color, national origin, and sex);
- (j) Executive Order 12898, Federal Actions to Address Environmental Justice in Minority Populations and Low-Income Populations, which ensures Nondiscrimination against minority populations by discouraging programs, policies, and activities with disproportionately high and adverse human health or environmental effects on minority and low-income populations;
- (k) Executive Order 13166, Improving Access to Services for Persons with Limited English Proficiency, and resulting agency guidance, national origin discrimination includes discrimination because of Limited English proficiency (LEP). To ensure compliance with Title VI, you must take reasonable steps to ensure that LEP persons have meaningful access to your programs (70 Fed. Reg. at 74087 to 74100);
- (1) Title IX of the Education Amendments of 1972, as amended, which prohibits you from discriminating because of sex in education programs or activities (20 U.S.C. 1681 et seq).
- (m) Title VII of the Civil Rights Act of 1964 (42 U.S.C. § 2000e et seq., Pub. L. 88-352), (prohibits employment discrimination on the basis of race, color, religion, sex, or national origin).

#### (4) Additional Title VI Assurances

- \*\*The following Title VI Assurances (Appendices B, C and D) shall apply, as applicable
- (a) Clauses for Deeds Transferring United States Property (1050.2A, Appendix B) The following clauses will be included in deeds effecting or recording the transfer of real property, structures, or improvements thereon, or granting interest therein from the United States pursuant to the provisions of Assurance 4.

NOW, THEREFORE, the U.S. Department of Transportation as authorized by law and upon the condition that the North Carolina Department of Transportation (NCDOT) will accept title to the lands and maintain the project constructed thereon in accordance with the North Carolina General Assembly, the Regulations for the Administration of the Federal-Aid Highway Program, and the policies and procedures prescribed by the Federal Highway Administration of the U.S. Department of Transportation in accordance and in compliance with all requirements imposed by Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the U.S Department of Transportation pertaining to and effectuating the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252; 42 U.S.C. § 2000d to 2000d-4), does hereby remise, release, quitclaim and convey unto the NCDOT all the right, title and interest of the U.S. Department of Transportation in and to said lands described in Exhibit A attached hereto and made a part hereof.

(HABENDUM CLAUSE)

TO HAVE AND TO HOLD said lands and interests therein unto the North Carolina Department of Transportation (NCDOT) and its successors forever, subject, however, to the covenants, conditions, restrictions and reservations herein contained as follows, which will remain in effect for the period during which the real property or structures are used for a purpose for which Federal financial assistance is extended or for another purpose involving the provision of similar services or benefits and will be binding on the NCDOT, its successors and assigns.

The NCDOT, in consideration of the conveyance of said lands and interests in lands, does hereby covenant and agree as a covenant running with the land for itself, its successors and assigns, that (1) no person will on the grounds of race, color, or national origin, be excluded from participation in, be denied the benefits of, or be otherwise subjected to discrimination with regard to any facility located wholly or in part on, over, or under such lands hereby conveyed [,] [and]\* (2) that the NCDOT will use the lands and interests in lands and interests in lands so conveyed, in compliance with all requirements imposed by or pursuant to Title 49, Code of Federal Regulations, U.S. Department of Transportation, Subtitle A, Office of the Secretary, Part 21, Nondiscrimination in Federally-assisted programs of the U.S. Department of Transportation, Effectuation of Title VI of the Civil Rights Act of 1964, and as said Regulations and Acts may be amended [, and (3) that in the event of breach of any of the above-mentioned nondiscrimination conditions, the Department will have a right to enter or re-enter said lands and facilities on said land, and that above described land and facilities will thereon revert to and vest in and become the absolute property of the U.S. Department of Transportation and its assigns as such interest existed prior to this instruction].\*

- (\*Reverter clause and related language to be used only when it is determined that such a clause is necessary in order to make clear the purpose of Title VI.)
- (b) Clauses for Transfer of Real Property Acquired or Improved Under the Activity, Facility, or Program (1050.2A, Appendix C)
  - The following clauses will be included in deeds, licenses, leases, permits, or similar instruments entered into by the North Carolina Department of Transportation (NCDOT) pursuant to the provisions of Assurance 7(a):
  - 1. The (grantee, lessee, permittee, etc. as appropriate) for himself/herself, his/her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree [in the case of deeds and leases add "as a covenant running with the land"] that:

- (i.) In the event facilities are constructed, maintained, or otherwise operated on the property described in this (deed, license, lease, permit, etc.) for a purpose for which a U.S. Department of Transportation activity, facility, or program is extended or for another purpose involving the provision of similar services or benefits, the (grantee, licensee, lessee, permittee, etc.) will maintain and operate such facilities and services in compliance with all requirements imposed by the Acts and Regulations (as may be amended) such that no person on the grounds of race, color, or national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities.
- 2. With respect to licenses, leases, permits, etc., in the event of breach of any of the above Nondiscrimination covenants, the NCDOT will have the right to terminate the (lease, license, permit, etc.) and to enter, re-enter, and repossess said lands and facilities thereon, and hold the same as if the (lease, license, permit, etc.) had never been made or issued. \*
- 3. With respect to a deed, in the event of breach of any of the above Nondiscrimination covenants, the NCDOT will have the right to enter or re-enter the lands and facilities thereon, and the above described lands and facilities will there upon revert to and vest in and become the absolute property of the NCDOT and its assigns. \*

(\*Reverter clause and related language to be used only when it is determined that such a clause is necessary to make clear the purpose of Title VI.)

- (c) Clauses for Construction/Use/Access to Real Property Acquired Under the Activity, Facility or Program (1050.2A, Appendix D)
  - The following clauses will be included in deeds, licenses, permits, or similar instruments/ agreements entered into by the North Carolina Department of Transportation (NCDOT) pursuant to the provisions of Assurance 7(b):
  - 1. The (grantee, licensee, permittee, etc., as appropriate) for himself/herself, his/her heirs, personal representatives, successors in interest, and assigns, as a part of the consideration hereof, does hereby covenant and agree (in the case of deeds and leases add, "as a covenant running with the land") that (1) no person on the ground of race, color, or national origin, will be excluded from participation in, denied the benefits of, or be otherwise subjected to discrimination in the use of said facilities, (2) that in the construction of any improvements on, over, or under such land, and the furnishing of services thereon, no person on the ground of race, color, or national origin, will be excluded from participation in, denied the benefits of, or otherwise be subjected to discrimination, (3) that the (grantee, licensee, lessee, permittee, etc.) will use the premises in compliance with all other requirements imposed by or pursuant to the Acts and Regulations, as amended, set forth in this Assurance.
  - 2. With respect to (licenses, leases, permits, etc.), in the event of breach of any of the above Non¬ discrimination covenants, the NCDOT will have the right to terminate the (license, permit, etc., as appropriate) and to enter or re-enter and repossess said land and the facilities thereon, and hold the same as if said (license, permit, etc., as appropriate) had never been made or issued. \*

3. With respect to deeds, in the event of breach of any of the above Nondiscrimination covenants, the NCDOT will there upon revert to and vest in and become the absolute property of the NCDOT and its assigns. \*

(\*Reverter clause and related language to be used only when it is determined that such a clause is necessary to make clear the purpose of Title VI.)

### **STANDARD SPECIAL PROVISION**

#### **ON-THE-JOB TRAINING**

(10-16-07) (Rev. 4-21-15)

Z-10

### **Description**

The North Carolina Department of Transportation will administer a custom version of the Federal On-the-Job Training (OJT) Program, commonly referred to as the Alternate OJT Program. All contractors (existing and newcomers) will be automatically placed in the Alternate Program. Standard OJT requirements typically associated with individual projects will no longer be applied at the project level. Instead, these requirements will be applicable on an annual basis for each contractor administered by the OJT Program Manager.

On the Job Training shall meet the requirements of 23 CFR 230.107 (b), 23 USC – Section 140, this provision and the On-the-Job Training Program Manual.

The Alternate OJT Program will allow a contractor to train employees on Federal, State and privately funded projects located in North Carolina. However, priority shall be given to training employees on NCDOT Federal-Aid funded projects.

#### **Minorities and Women**

Developing, training and upgrading of minorities and women toward journeyman level status is a primary objective of this special training provision. Accordingly, the Contractor shall make every effort to enroll minority and women as trainees to the extent that such persons are available within a reasonable area of recruitment. This training commitment is not intended, and shall not be used, to discriminate against any applicant for training, whether a member of a minority group or not.

#### **Assigning Training Goals**

The Department, through the OJT Program Manager, will assign training goals for a calendar year based on the contractors' past three years' activity and the contractors' anticipated upcoming year's activity with the Department. At the beginning of each year, all contractors eligible will be contacted by the Department to determine the number of trainees that will be assigned for the upcoming calendar year. At that time the Contractor shall enter into an agreement with the Department to provide a self-imposed on-the-job training program for the calendar year. This agreement will include a specific number of annual training goals agreed to by both parties. The number of training assignments may range from 1 to 15 per contractor per calendar year. The Contractor shall sign an agreement to fulfill their annual goal for the year.\

# **Training Classifications**

The Contractor shall provide on-the-job training aimed at developing full journeyman level workers in the construction craft/operator positions. Preference shall be given to providing training in the following skilled work classifications:

Equipment Operators Office Engineers

Truck Drivers Estimators

Carpenters Iron / Reinforcing Steel Workers

Concrete Finishers Mechanics
Pipe Layers Welders

The Department has established common training classifications and their respective training requirements that may be used by the contractors. However, the classifications established are not all-inclusive. Where the training is oriented toward construction applications, training will be allowed in lower-level management positions such as office engineers and estimators. Contractors shall submit new classifications for specific job functions that their employees are performing. The Department will review and recommend for acceptance to FHWA the new classifications proposed by contractors, if applicable. New classifications shall meet the following requirements:

Proposed training classifications are reasonable and realistic based on the job skill classification needs, and

The number of training hours specified in the training classification is consistent with common practices and provides enough time for the trainee to obtain journeyman level status.

The Contractor may allow trainees to be trained by a subcontractor provided that the Contractor retains primary responsibility for meeting the training and this provision is made applicable to the subcontract. However, only the Contractor will receive credit towards the annual goal for the trainee.

Where feasible, 25 percent of apprentices or trainees in each occupation shall be in their first year of apprenticeship or training. The number of trainees shall be distributed among the work classifications on the basis of the contractor's needs and the availability of journeymen in the various classifications within a reasonable area of recruitment.

No employee shall be employed as a trainee in any classification in which they have successfully completed a training course leading to journeyman level status or in which they have been employed as a journeyman.

### **Records and Reports**

The Contractor shall maintain enrollment, monthly and completion reports documenting company compliance under these contract documents. These documents and any other information as requested shall be submitted to the OJT Program Manager.

Upon completion and graduation of the program, the Contractor shall provide each trainee with a certification Certificate showing the type and length of training satisfactorily completed.

#### **Trainee Interviews**

All trainees enrolled in the program will receive an initial and Trainee/Post graduate interview conducted by the OJT program staff.

# **Trainee Wages**

Contractors shall compensate trainees on a graduating pay scale based upon a percentage of the prevailing minimum journeyman wages (Davis-Bacon Act). Minimum pay shall be as follows:

| 60 percent | of the journeyman wage for the first half of the training period    |
|------------|---|
| 75 percent | of the journeyman wage for the third quarter of the training period |
| 90 percent | of the journeyman wage for the last quarter of the training period  |

In no instance shall a trainee be paid less than the local minimum wage. The Contractor shall adhere to the minimum hourly wage rate that will satisfy both the NC Department of Labor (NCDOL) and the Department.

### **Achieving or Failing to Meet Training Goals**

The Contractor will be credited for each trainee employed by him on the contract work who is currently enrolled or becomes enrolled in an approved program and who receives training for at least 50 percent of the specific program requirement. Trainees will be allowed to be transferred between projects if required by the Contractor's scheduled workload to meet training goals.

If a contractor fails to attain their training assignments for the calendar year, they may be taken off the NCDOT's Bidders List.

#### **Measurement and Payment**

No compensation will be made for providing required training in accordance with these contract documents.

### **STANDARD SPECIAL PROVISION**

# NCDOT GENERAL SEED SPECIFICATION FOR SEED QUALITY

(5-17-11)

Z-3

Seed shall be sampled and tested by the North Carolina Department of Agriculture and Consumer Services, Seed Testing Laboratory. When said samples are collected, the vendor shall supply an independent laboratory report for each lot to be tested. Results from seed so sampled shall be final. Seed not meeting the specifications shall be rejected by the Department of Transportation and shall not be delivered to North Carolina Department of Transportation warehouses. If seed has been delivered it shall be available for pickup and replacement at the supplier's expense.

Any re-labeling required by the North Carolina Department of Agriculture and Consumer Services, Seed Testing Laboratory, that would cause the label to reflect as otherwise specified herein shall be rejected by the North Carolina Department of Transportation.

Seed shall be free from seeds of the noxious weeds Johnsongrass, Balloonvine, Jimsonweed, Witchweed, Itchgrass, Serrated Tussock, Showy Crotalaria, Smooth Crotalaria, Sicklepod, Sandbur, Wild Onion, and Wild Garlic. Seed shall not be labeled with the above weed species on the seed analysis label. Tolerances as applied by the Association of Official Seed Analysts will NOT be allowed for the above noxious weeds except for Wild Onion and Wild Garlic.

Tolerances established by the Association of Official Seed Analysts will generally be recognized. However, for the purpose of figuring pure live seed, the found pure seed and found germination percentages as reported by the North Carolina Department of Agriculture and Consumer Services, Seed Testing Laboratory will be used. Allowances, as established by the NCDOT, will be recognized for minimum pure live seed as listed on the following pages.

The specifications for restricted noxious weed seed refers to the number per pound as follows:

| Restricted Noxious Weed | Limitations per Lb. Of Seed | Restricted Noxious Weed   | Limitations per Lb. of Seed |  |
|-------------------------|-----------------------------|---------------------------|-----------------------------|--|
| Blessed Thistle         | 4 seeds                     | Cornflower (Ragged Robin) | 27 seeds                    |  |
| Cocklebur               | 4 seeds                     | Texas Panicum             | 27 seeds                    |  |
| Spurred Anoda           | 4 seeds                     | Bracted Plantain          | 54 seeds                    |  |
| Velvetleaf              | 4 seeds                     | Buckhorn Plantain         | 54 seeds                    |  |
| Morning-glory           | 8 seeds                     | Broadleaf Dock            | 54 seeds                    |  |
| Corn Cockle             | 10 seeds                    | Curly Dock                | 54 seeds                    |  |
| Wild Radish             | 12 seeds                    | Dodder                    | 54 seeds                    |  |
| Purple Nutsedge         | 27 seeds                    | Giant Foxtail             | 54 seeds                    |  |
| Yellow Nutsedge         | 27 seeds                    | Horsenettle               | 54 seeds                    |  |
| Canada Thistle          | 27 seeds                    | Quackgrass                | 54 seeds                    |  |
| Field Bindweed          | 27 seeds                    | Wild Mustard              | 54 seeds                    |  |
| Hedge Bindweed          | 27 seeds                    |                           |                             |  |

Seed of Pensacola Bahiagrass shall not contain more than 7% inert matter, Kentucky Bluegrass, Centipede and Fine or Hard Fescue shall not contain more than 5% inert matter whereas a maximum of 2% inert matter will be allowed on all other kinds of seed. In addition, all seed shall not contain more than 2% other crop seed nor more than 1% total weed seed. The germination rate as tested by the North Carolina Department of Agriculture shall not fall below 70%, which includes both dormant and hard seed. Seed shall be labeled with not more than 7%, 5% or 2% inert matter (according to above specifications), 2% other crop seed and 1% total weed seed.

Exceptions may be made for minimum pure live seed allowances when cases of seed variety shortages are verified. Pure live seed percentages will be applied in a verified shortage situation. Those purchase orders of deficient seed lots will be credited with the percentage that the seed is deficient.

#### FURTHER SPECIFICATIONS FOR EACH SEED GROUP ARE GIVEN BELOW:

Minimum 85% pure live seed; maximum 1% total weed seed; maximum 2% total other crop seed; maximum 144 restricted noxious weed seed per pound. Seed less than 83% pure live seed will not be approved.

Sericea Lespedeza Oats (seeds)

Minimum 80% pure live seed; maximum 1% total weed seed; maximum 2% total other crop; maximum 144 restricted noxious weed seed per pound. Seed less than 78% pure live seed will not be approved.

Tall Fescue (all approved varieties)

Kobe Lespedeza

Bermudagrass

Browntop Millet

Korean Lespedeza German Millet – Strain R Weeping Lovegrass Clover – Red/White/Crimson

Carpetgrass

Minimum 78% pure live seed; maximum 1% total weed seed; maximum 2% total other crop seed; maximum 144 restricted noxious weed seed per pound. Seed less than 76% pure live seed will not be approved.

Common or Sweet Sundangrass

Minimum 76% pure live seed; maximum 1% total weed seed; maximum 2% total other crop seed; maximum 144 restricted noxious weed seed per pound. Seed less than 74% pure live seed will not be approved.

Rye (grain; all varieties) Kentucky Bluegrass (all approved varieties) Hard Fescue (all approved varieties) Shrub (bicolor) Lespedeza Minimum 70% pure live seed; maximum 1% total weed seed; maximum 2% total other crop seed; maximum 144 noxious weed seed per pound. Seed less than 70% pure live seed will not be approved.

Centipedegrass Japanese Millet Crownvetch Reed Canary Grass

Pensacola Bahiagrass Zoysia

Creeping Red Fescue

Minimum 70% pure live seed; maximum 1% total weed seed; maximum 2% total other crop seed; maximum 5% inert matter; maximum 144 restricted noxious weed seed per pound.

Barnyard Grass
Big Bluestem
Little Bluestem
Bristly Locust
Birdsfoot Trefoil
Indiangrass
Orchardgrass
Switchgrass

Yellow Blossom Sweet Clover

**Division 11** 11-00-141

# NORTH CAROLINA DEPARTMENT OF TRANSPORTATION **BID FORM**

WBS Element: Various **Contract Number: 11-00-141** 

WBS Element: <u>Various</u> Contr DESCRIPTION: Incidental Concrete Construction upon Request in Division Eleven

PAGE 1 OF 2

|      |      |   |          | ł    | PAGE 1 OF     | 2             |
|------|------|---|----------|------|---------------|---------------|
| ITEM | SECT | DESCRIPTION   | QUANTITY | UNIT | UNIT<br>PRICE | AMOUNT<br>BID |
| 1    | 800  | Mobilization  | 24       | EA   |               |               |
| 2    | 310  | 15" Reinforced Concrete Drainage Pipe                               | 100      | LFT  |               |               |
| 3    | 310  | 18" Reinforced Concrete Drainage Pipe                               | 100      | LFT  |               |               |
| 4    | 310  | 24" Reinforced Concrete Drainage Pipe                               | 100      | LFT  |               |               |
| 5    | 340  | Flowable Fill   | 25       | CYD  |               |               |
| 6    | 838  | Concrete Endwall  | 50       | CYD  |               |               |
| 7    | 838  | Reinforced Concrete Endwall   | 50       | CYD  |               |               |
| 8    | 840  | Masonry Pipe Collar/ Pipe Plugs                                     | 10       | CYD  |               |               |
| 9    | 840  | Masonry Drainage Structures   | 20       | EA   |               |               |
| 10   | 840  | Masonry Drainage Structures (extra depth, >5' & <10')               | 10       | EA   |               |               |
| 11   | 840  | Frame with Grate and Hood   | 10       | EA   |               |               |
| 12   | 840  | Drop Inlet Frame and Grates   | 10       | EA   |               |               |
| 13   | 840  | Masonry Drainage Structures, Open Throat including top slab         | 5        | EA   |               |               |
| 14   | 840  | 4" Concrete Aprons  | 10       | SYD  |               |               |
| 15   | 846  | 1'6" Curb and Gutter  | 100      | LFT  |               |               |
| 16   | 846  | 2'6" Curb and Gutter (250 LF or Less)                               | 200      | LFT  |               |               |
| 17   | 846  | 2'6" Curb and Gutter (Over 250 LF)                                  | 300      | LFT  |               |               |
| 18   | 846  | Concrete Shoulder Berm Gutter                                       | 50       | LFT  |               |               |
| 19   | 846  | Concrete Expressway Gutter  | 50       | LFT  |               |               |
| 20   | 848  | 4" Concrete Sidewalk  | 100      | SYD  |               |               |
| 21   | 848  | 6" Concrete Driveway  | 50       | SYD  |               |               |
| 22   | 848  | Concrete Curb Ramp (Curb Drop and Gutter with Ramp – All Inclusive) | 40       | EA   |               |               |

<sup>\*</sup>CONTINUED ON PAGE 2\*

**Division 11** 11-00-141

# NORTH CAROLINA DEPARTMENT OF TRANSPORTATION **BID FORM**

(date)

| BS Element: <u>Various</u><br>SCRIPTION: Incidental Concrete Construction upon Request in Division |               |   |                 | PAGE 2 OF 2 |               | =            |
|--|---------------|---|-----------------|-------------|---------------|--------------|
| ITEM   | SECT          | DESCRIPTION   | QUANTITY        | UNIT        | UNIT<br>PRICE | AMOUN<br>BID |
| 23   | 848           | Concrete Curb Ramp (Modification to existing ramps – Add Truncated Domes) | 10              | EA          |               |              |
| 24   | 850           | 4" Concrete Paved Ditch   | 50              | SYD         |               |              |
| 25   | 852           | 5" Monolithic Concrete Island   | 100             | SYD         |               |              |
| 26   | 858           | Adjustment of Catch Basins  | 10              | EA          |               |              |
| 27   | 858           | Adjustment of Drop Inlet  | 10              | EA          |               |              |
| 28   | 1101-<br>1180 | Traffic Control, Full Lane Closure  | 40              | EA          |               |              |
| ГІМА   | TED QU        | ANTITIES ONLY - These quantities are for om the estimated quantities.     | bid purposes on | ly. Actu    | al quantitio  | es           |

THIS SECTION TO BE COMPLETED BY NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

This bid has been reviewed in accordance with Article 103-1 of the Standard Specifications for Roads

Reviewed by\_\_\_\_\_

and Structures 2018.

### **EXECUTION OF BID**

#### NON-COLLUSION, DEBARMENT AND GIFT BAN CERTIFICATION

#### CORPORATION

The prequalified bidder being duly sworn, solemnly swears (or affirms) 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 | on   |
|--------|--|-------------|--|
|        |  |             |  |
|        | Address as F   | Prequalifie | d  |
| Attest |  | By          |  |
|        | Secretary/Assistant Secretary (Select appropriate title) | <u> </u>    | President/Vice President/Assistant Vice President (Select appropriate title) |
|        | Print or type Signer's name                              |             | Print or type Signer's name  |

**CORPORATE SEAL** 

# NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION PARTNERSHIP

The prequalified bidder, being duly sworn, solemnly swears (or affirms) 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 its 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<br>Partnership |
|-----------------------------|-----------------------------|
|                             |                             |
|                             | Address as<br>Prequalified  |
| Signature of Witness        | Signature of Partner        |
| Print or Type Signer's Name | Print or Type Signer's Name |

# NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION

#### LIMITED LIABILITY COMPANY

The prequalified bidder, being duly sworn, solemnly swears (or affirms) 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 its 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

| Fi                          | ull Name of Firm  |
|-----------------------------|---|
| Add                         | lress as Prequalified   |
| Signature of Witness        | Signature of Member/Manager/Authorized Agent (Select appropriate Title) |
| Print or Type Signer's Name | Print or Type Signer's Name   |

#### NON-COLLUSION, DEBARMENT AND GIFT BAN CERTIFICATION

# **JOINT VENTURE (2) or (3)**

The prequalified bidder, being duly sworn, solemnly swears (or affirms) 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 its 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

Instructions: **2 Joint Venturers** Fill in lines (1), (2) and (3) and execute. **3 Joint Venturers** Fill in lines (1), (2), (3) and (4) and execute. On Line (1), fill in the name of the Joint Venture Company. On Line (2), fill in the name of one of the joint venturers and execute below in the appropriate manner. On Line (3), print or type the name of the other joint venturer and execute below in the appropriate manner. On Line (4), fill in the name of the third joint venturer, if applicable and execute below in the appropriate manner.

|                                      | Name of Joint Venture |                             |
|--------------------------------------|-----------------------|-----------------------------|
|                                      | Name of Contractor    |                             |
| Addre                                | ss as Prequalified    |                             |
|                                      | BY                    |                             |
| Signature of Witness or Attest       |                       | Signature of Contractor     |
| Print or Type Signer's Name          |                       | Print or Type Signer's Name |
| If Corporation, affix Corporate Seal | AND                   |                             |
|                                      |                       |                             |
|                                      | Name of Contractor    |                             |
| Addre                                | ss as Prequalified    |                             |
|                                      | BY                    |                             |
| Signature of Witness or Attest       |                       | Signature of Contractor     |
| Print or Type Signer's Name          |                       | Print or Type Signer's Name |
| If Corporation, affix Corporate Seal | AND                   |                             |
|                                      |                       |                             |
| 1                                    | Name of Contractor    |                             |
| Addre                                | ss as Prequalified    |                             |
|                                      | BY                    |                             |
| Signature of Witness or Attest       |                       | Signature of Contractor     |
| Print or Type Signer's Name          |                       | Print or Type Signer's Name |
| If Corporation, affix Corporate Seal |                       |                             |

# NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION

#### INDIVIDUAL DOING BUSINESS UNDER A FIRM NAME

The prequalified bidder, being duly sworn, solemnly swears (or affirms) 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 its 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

| Name of Prequalified Bidder   | Individual Name                              |
|-------------------------------|--|
| Trading and Doing Business As | Full name of Firm                            |
| Addı                          | ress as Prequalified                         |
| Signature of Witness          | Signature of Prequalified Bidder, Individual |
| Print or Type Signer's Name   | Print or Type Signer's Name                  |

# NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION

#### INDIVIDUAL DOING BUSINESS IN HIS OWN NAME

The prequalified bidder, being duly sworn, solemnly swears (or affirms) 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 its 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

| Name of Prequalified Bidder |  |
|-----------------------------|--|
|                             | Print or Type Name                             |
|                             |  |
| Ad                          | dress as Prequalified                          |
|                             |  |
|                             |  |
|                             | Signature of Prequalified Bidder, Individually |
|                             |  |
|                             |  |
|                             | Print or type Signer's Name                    |
|                             |  |
| Signature of Witness        |  |
|                             |  |
| District Given              |  |
| Print or type Signer's name |  |

# DEBARMENT CERTIFICATION OF PREQUALIFIED BIDDER

#### Conditions for certification:

1. The prequalified bidder shall provide immediate written notice to the Department if at any time the bidder learns that his certification was erroneous when he submitted his debarment certification or explanation that is file with the Department, or has become erroneous because of changed circumstances.

- 2. The terms covered transaction, debarred, suspended, ineligible, lower tier covered transaction, participant, person, primary covered transaction, principal, proposal, and voluntarily excluded, as used in this provision, have the meanings set out in the Definitions and Coverage sections of the rules implementing Executive Order 12549. A copy of the Federal Rules requiring this certification and detailing the definitions and coverages may be obtained from the Contract Officer of the Department.
- 3. The prequalified bidder agrees by submitting this form, that he will not knowingly enter into any lower tier covered transaction with a person who is debarred, suspended, declared ineligible, or voluntarily excluded from participation in NCDOT contracts, unless authorized by the Department.
- 4. For Federal Aid projects, the prequalified bidder further agrees that by submitting this form he will include the Federal-Aid Provision titled *Required Contract Provisions Federal-Aid Construction Contract (Form FHWA PR 1273)* provided by the Department, without subsequent modification, in all lower tier covered transactions.
- 5. The prequalified bidder may rely upon a certification of a participant in a lower tier covered transaction that he is not debarred, suspended, ineligible, or voluntarily excluded from the covered transaction, unless he knows that the certification is erroneous. The bidder may decide the method and frequency by which he will determine the eligibility of his subcontractors.
- 6. Nothing contained in the foregoing shall be construed to require establishment of a system of records in order to render in good faith the certification required by this provision. The knowledge and information of a participant is not required to exceed that which is normally possessed by a prudent person in the ordinary course of business dealings.
- 7. Except as authorized in paragraph 6 herein, the Department may terminate any contract if the bidder knowingly enters into a lower tier covered transaction with a person who is suspended, debarred, ineligible, or voluntarily excluded from participation in this transaction, in addition to other remedies available by the Federal Government.

#### DEBARMENT CERTIFICATION

The prequalified bidder certifies to the best of his knowledge and belief, that he and his principals:

- a. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- b. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records; making false statements; or receiving stolen property;
- c. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph b. of this certification; and
- d. Have not within a three-year period preceding this proposal had one or more public transactions (Federal, State or local) terminated for cause or default.
- e. Will submit a revised Debarment Certification immediately if his status changes and will show in his bid proposal an explanation for the change in status.

If the prequalified bidder cannot certify that he is not debarred, he shall provide an explanation with this submittal. An explanation will not necessarily result in denial of participation in a contract.

Failure to submit a non-collusion affidavit and debarment certification will result in the prequalified bidder's bid being considered non-responsive.

| certification. |
|----------------|
| certification. |

# **Execution of Contract**

| Contract No: 11-00-141                                  |                               |
|---|-------------------------------|
| County: Alleghany, Ashe, Avery, Caldwell, Surry, Wataug | a, Wilkes and Yadkin Counties |
| ACCEPTED BY THE DEPARTMENT                              |                               |
|   |                               |
| Proposals Engineer                                      |                               |
| Date  |                               |
| EXECUTION OF CONTRACT AND BONDS<br>APPROVED AS TO FORM: |                               |
| <u>Division Engineer</u>                                |                               |
| Date  |                               |

**Division 11** 11-00-141

# LISTING OF MBE/WBE SUBCONTRACTORS

|                       |               |             |                  | Sheet                          | of                          |
|-----------------------|---------------|-------------|------------------|--------------------------------|-----------------------------|
| Firm Name and Address | Circle<br>One | Item<br>No. | Item Description | * Agreed<br>upon Unit<br>Price | ** Dollar Volume of<br>Item |
| Name                  | MBE           |             |                  |                                |                             |
| Address               | WBE           |             |                  |                                |                             |
| Name                  | MBE           |             |                  |                                |                             |
| Address               | WBE           |             |                  |                                |                             |
| Name                  | MBE           |             |                  |                                |                             |
| Address               | WBE           |             |                  |                                |                             |
| Name                  | MBE           |             |                  |                                |                             |
| Address               | WBE           |             |                  |                                |                             |
| Name                  | MBE           |             |                  |                                |                             |
| Address               | WBE           |             |                  |                                |                             |
| Name                  | MBE           |             |                  |                                |                             |
| Address               | WBE           |             |                  |                                |                             |
|                       |               |             |                  |                                |                             |

<sup>\*</sup> The Dollar Volume shown in this column shall be the Actual Price Agreed Upon by the Prime Contractor and the MBE/WBE subcontractor, and these prices will be used to determine the percentage of the MBE/WBE participation in the contract.

\*\*\* Dollar Volume of MBE/WBE Subcontractor Percentage of Total Contract Bid Price:

If firm is a Material Supplier Only, show Dollar Volume as 60% of Agreed Upon Amount from Letter of Intent.

If firm is a Manufacturer, show Dollar Volume as 100% of Agreed Upon Amount from Letter of Intent.

#### LISTING OF MBE/WBE SUBCONTRACTORS

|   |               |             |                  | Sheet                          | of                       |  |  |
|---|---------------|-------------|------------------|--------------------------------|--------------------------|--|--|
| Firm Name and Address                       | Circle<br>One | Item<br>No. | Item Description | * Agreed<br>upon Unit<br>Price | ** Dollar Volume of Item |  |  |
| Name  | MBE           |             |                  |                                |                          |  |  |
| Address                                     | WBE           |             |                  |                                |                          |  |  |
|   |               |             |                  |                                |                          |  |  |
| Name  | MBE           |             |                  |                                |                          |  |  |
| Address                                     | WBE           |             |                  |                                |                          |  |  |
|   |               |             |                  |                                |                          |  |  |
| Name  | MBE           |             |                  |                                |                          |  |  |
| Address                                     | WBE           |             |                  |                                |                          |  |  |
|   |               |             |                  |                                |                          |  |  |
| Name  | MBE           |             |                  |                                |                          |  |  |
| Address                                     | WBE           |             |                  |                                |                          |  |  |
|   |               |             |                  |                                |                          |  |  |
| Name  | MBE           |             |                  |                                |                          |  |  |
| Address                                     | WBE           |             |                  |                                |                          |  |  |
|   |               |             |                  |                                |                          |  |  |
| ** Dollar Volume of MBE Subcontractor \$    |               |             |                  |                                |                          |  |  |
| MBE Percentage of Total Contract Bid Price% |               |             |                  |                                |                          |  |  |
| ** Dollar Volume of WBE Subcontractor \$    |               |             |                  |                                |                          |  |  |
| WBE Percentage of Total Contract Bid Price% |               |             |                  |                                |                          |  |  |

<sup>\*</sup>The Dollar Volume shown in this column shall be the Actual Price Agreed Upon by the Prime Contractor and the MBE/WBE subcontractor, and these prices will be used to determine the percentage of the MBE/WBE participation in the contract.

<sup>\*\*</sup> Dollar Volume of MBE/WBE Subcontractor Percentage of Total Contract Bid Price.

If firm is a Material Supplier Only, show Dollar Volume as 60% of Agreed Upon Amount from Letter of Intent.

If firm is a Manufacturer, show Dollar Volume as 100% of Agreed Upon Amount from Letter of Intent.