## STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION



## DIVISION FOUR <u>CONTRACT PROPOSAL</u> SMALL BUSINESS ENTERPRISE

**WBS ELEMENT: 4.109611** 

ROUTE: US 70 and US 117

**COUNTY:** Wayne

**DESCRIPTION:** Provide materials and labor to perform maintenance and repairs on controlled access fence along US 70 and US 117

BID OPENING: 2:00 PM Tuesday May 28, 2013

NAME OF BIDDER

ADDRESS OF BIDDER

**RETURN BIDS TO:** 

NCDOT Attn: Jerry Page Division Project Manager PO Box 3165 Wilson, NC 27895 This page left intentionally blank.

#### PROPOSAL FOR THE CONSTRUCTION OF

#### **VARIOUS PROJECTS**

#### IN WAYNE COUNTY, NORTH CAROLINA

#### MAY 28, 2013

#### DEPARTMENT OF TRANSPORTATION,

#### WILSON, NORTH CAROLINA

The Bidder has carefully examined the location of the proposed work for the various projects; 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 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 2012 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 various projects in Wayne County, 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.

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The published volume entitled "North Carolina Department of Transportation, Raleigh, Standard Specifications for Roads and Structures, January 2012 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 Division Engineer 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 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 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.

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## **TABLE OF CONTENTS**

## <u>Cover Sheet</u> <u>Proposal Sheets</u> <u>Project Special Provisions</u>

| GENERAL:                                  | 9  |
|---|----|
| CONTRACT TIME AND LIQUIDATED DAMAGES:     | 9  |
| NON-EXCLUSIVE CONTRACT:                   |    |
| TERM OF THE CONTRACT                      |    |
| PROSECUTION OF WORK:                      | 10 |
| NOTIFICATION OF OPERATIONS:               |    |
| SUPERVISION BY CONTRACTOR:                | 10 |
| SUBLETTING OF CONTRACT:                   | 11 |
| DOMESTIC STEEL:                           | 11 |
| COOPERATION BETWEEN CONTRACTORS:          | 11 |
| OUTSOURCING OUTSIDE THE USA:              | 11 |
| GIFTS FROM VENDORS AND CONTRACTORS:       | 12 |
| EMPLOYMENT:                               | 12 |
| STATE HIGHWAY ADMINISTRATOR TITLE CHANGE: | 12 |
| DEFAULT OF CONTRACT:                      |    |
| PAYMENT:                                  |    |
| RETAINAGE AND PROMPT PAYMENT:             | 13 |
| AUTHORITY OF THE ENGINEER:                | 14 |
| MATERIALS AND TESTING:                    | 14 |
| MATERIALS:                                | 15 |
| FENCE REPAIRS:                            |    |
| TRAFFIC CONTROL                           | 20 |

## **Standard Special Provisions**

| AVAILABILITY OF FUNDS - TERMINATION OF CONTRACTS | 25 |
|--|----|
| ERRATA   | 26 |
| PLANT AND PEST QUARANTINES                       |    |
| MINIMUM WAGES                                    | 29 |
| AWARD OF CONTRACT                                | 30 |

## **INSTRUCTION TO BIDDERS**

## **BID FORM**

## EXECUTION OF BID, NON-COLLUSION AFFIDAVIT, DEBARMENT CERTIFICATION AND GIFT BAN CERTIFICATION

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## **Project Special Provisions**

## **GENERAL:**

This contract is for providing materials and labor to repair and maintain controlled access fences along US 70 and US 117 in Wayne County.

All work and materials shall be in accordance with the provisions of the General Guidelines of this contract, the Project Special Provisions, the January 2012 edition of the <u>North Carolina</u> <u>Department of Transportation</u> <u>Standard Specifications for Roads and Structures</u>, the January 2012 edition <u>North Carolina Department of Transportation</u> <u>Roadway Standards Drawings</u>.

The Contractor shall keep himself fully informed of all Federal, State and local laws, ordinances, and regulations, and shall comply with the provisions of Section 107 of the <u>Standard Specifications</u>.

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

(7-1-95)(Rev. 12-18-07)

RG 10

### The date of availability for this contract is July 1, 2013.

The County Maintenance Engineer or his representative will notify the Contractor when fence repairs become necessary. The County Maintenance Engineer for Wayne County is Chris Pendergraph. He may be reached by telephone at (919) 731-7962. When notified by the Department that fence repairs are needed, the Contractor shall begin work on the fence repairs in a timely manner. In all cases the Contractor must begin work on the requested fence repairs within thirty (30) calendar days or be subject to liquidated damages as noted below.

No work will be permitted under this contract until all required insurance certifications have been satisfied.

## The completion date for this contract is June 30, 2014.

No extensions will be authorized except as authorized by Article 108-10 of the <u>Standard</u> <u>Specifications</u>

### Liquidated damages for this contract are Fifty Dollars (\$50.00) per calendar day.

If the Contractor fails to respond within thirty (30) calendar days from the date he is notified that fence repairs are needed, he will be subject to liquidated damages. When the Contractor fails to respond to the call for fence repair work within thirty (30) calendar days, liquidated damages in the amount of fifty dollars (\$50.00) per calendar day will be assessed for each calendar day beyond the thirty (30) days allowed.

## NON—EXCLUSIVE CONTRACT:

The Department may, as it deems to be in the best interest of the State and the Department of Transportation, execute more than one contract based on this proposal. The Contractor(s) understands and agrees, by signature on the Purchase Order Contract Bid Form, that this

agreement <u>does not</u> constitute an exclusive contract. If awarded, the contracts will be executed with the lowest responsible bidders. The Department of Transportation reserves the right to make multiple awards for the services provided by this contract. Furthermore, the Department reserves the right to reject all bids received.

## TERM OF THE CONTRACT

The Contractor shall submit his bid for the current contract time period. At the option of the Department, this contract may be extended for two (2) additional periods of one (1) year each. The unit bid prices will be increased by three (3) percent for each one-year extension. No changes in the terms, conditions, etc. of this contract will be made when an extension to the contract is implemented. The Engineer will notify the Contractor in writing sixty (60) days prior to the end of the contract term if the contract may be extended. The Contractor must notify the Engineer in writing within fourteen (14) days of his acceptance or rejection of this offer. Failure on the part of the Contractor to reply will be received as a rejection of the contract extension.

## **PROSECUTION OF WORK:**

Once the Contractor begins repairs in response to the Engineers notification, he will be required to prosecute the work in a continuous and uninterrupted manner until the repairs ordered by the Engineer have been completed. The Contractor will not be permitted to suspend his operations except for reasons beyond his control or where the Engineer has authorized a suspension of the Contractor's operations in writing.

The Contractor's operations are restricted to daylight hours. No work may be performed on Sundays and Legal State holidays. Work shall only be performed when weather and visibility conditions allow safe operations.

## **NOTIFICATION OF OPERATIONS:**

The Contractor(s) shall notify the Engineer a minimum of 48 hours prior to beginning work on any of the various projects in this contract. The contractor shall give the Engineer sufficient notice of all operations for any sampling, inspection or acceptance testing required.

### **SUPERVISION BY CONTRACTOR:**

At all times during the life of this contract the Contractor(s) shall provide one permanent employee who shall have the authority and capability for overall responsibility of the project(s) 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(s) shall have present on the project(s) one competent individual who is authorized to act in a supervisory capacity over all work on the project(s), including work subcontracted. The individual(s) 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 contracts; and receiving and carrying out directions from the Engineer or his authorized representatives. He shall be an employee of the Contractor(s) unless otherwise approved by the Engineer.

The Contractor(s) 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.

## **SUBLETTING OF CONTRACT:**

The Contractor(s) shall not sublet, sell, transfer, assign or otherwise dispose of this contract or any portion thereof; or his right, title, or interest therein; without written consent of the Engineer. Subletting of this contract or any portion of the contract shall conform to the requirements of Article of 108-6 of the <u>Standard Specifications</u>. The Contractor(s) will not be permitted to sublet more than 50% of the total contract amount.

### **DOMESTIC STEEL:**

(4-16-13)

Revise the 2012 Standard Specifications as follows:

Page 1-49, Subarticle 106-1(B) Domestic Steel, lines 2-7, replace the first paragraph with the following:

106

All steel and iron products that are permanently incorporated into this project shall be produced in the United States except minimal amounts of foreign steel and iron products may be used provided the combined material cost of the items involved does not exceed 0.1% of the total amount bid for the entire project or \$2,500, whichever is greater. If invoices showing the cost of the material are not provided, the amount of the bid item involving the foreign material will be used for calculations. This minimal amount of foreign produced steel and iron products permitted for use is not applicable to high strength fasteners. Domestically produced high strength fasteners are required.

### **COOPERATION BETWEEN CONTRACTORS:**

(7-1-95)

105.7

SP1 G133

SP1 G150

The Contractor's attention is directed to Article 105-7 of the 2012 Standard Specifications.

The Contractor on this project shall cooperate with the Contractor working within or adjacent to the limits of this project to the extent that the work can be carried out to the best advantage of all concerned.

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

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

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.

SP1 G120

12

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

## GIFTS FROM VENDORS AND CONTRACTORS:

(12-15-09)

By Executive Order 24, issued by Governor Perdue, and *N.C.G.S. § 133-32*, it is unlawful for any vendor or contractor (i.e. architect, bidder, contractor, construction manager, design professional, engineer, landlord, offeror, seller, subcontractor, supplier, or vendor), to make gifts or to give favors to any State employee of the Governor's Cabinet Agencies (i.e. Administration, Commerce, Correction, Crime Control and Public Safety, Cultural Resources, Environment and Natural Resources, Health and Human Services, Juvenile Justice and Delinquency Prevention, Revenue, Transportation, and the Office of the Governor). This prohibition covers those vendors and contractors who:

- (A) Have a contract with a governmental agency; or
- (B) Have performed under such a contract within the past year; or
- (C) Anticipate bidding on such a contract in the future.

For additional information regarding the specific requirements and exemptions, vendors and contractors are encouraged to review Executive Order 24 and *N.C.G.S.* § *133-32*.

Executive Order 24 also encouraged and invited other State Agencies to implement the requirements and prohibitions of the Executive Order to their agencies. Vendors and contractors should contact other State Agencies to determine if those agencies have adopted Executive Order 24.

## **EMPLOYMENT:**

(11-15-11) (Rev. 1-17-12)

Revise the 2012 Standard Specifications as follows:

Page 1-20, Subarticle 102-15(O), delete and replace with the following:

(O) Failure to restrict a former Department employee as prohibited by Article 108-5.

**Page 1-65, Article 108-5 Character of Workmen, Methods, and Equipment, line 32**, delete all of line 32, the first sentence of the second paragraph and the first word of the second sentence of the second paragraph.

## STATE HIGHWAY ADMINISTRATOR TITLE CHANGE:

(9-18-12)

Revise the 2012 Standard Specifications as follows:

Replace all references to "State Highway Administrator" with "Chief Engineer".

SP1 G185

SP1 G152

108, 102

## **DEFAULT OF CONTRACT:**

The Department of Transportation shall have the right to declare a default of contract for breach by the Contractor(s) of any material term or condition of the contract. Default of contract shall be in accordance with the terms, conditions, and procedures of Article 108-9 of the <u>Standard Specifications</u>.

## PAYMENT:

When the Engineer has notified the Contractor of needed fence repairs and the requested repairs have been completed and approved, an invoice should be submitted for payment of the materials used and the service rendered. Invoices should be submitted to:

N. C. Department of Transportation District Engineer's Office P. O. Box 149 Princeton, NC 27569

All invoice items and unit costs shall correspond to contract pay items as they appear on the Purchase Order. In the event of errors or discrepancies in items or unit costs, the Department may return the invoice to the contractor for correction.

Invoices must be "electronically scanned" and the image is transmitted to the Purchasing Unit to verify payment. To avoid confusion and delay of payments, the invoice should be positively identified and associated with the Purchase Order by including the <u>Purchase</u> <u>Order Number</u> on the Invoice.

In addition, it is important that invoices have a unique invoice number. Numbering invoices as 1, 2, 3, ... can cause confusion within the accounting unit especially when a company has more than one contract with the Department. Please develop and use some system of numbering invoices so there is no mistake as to which contract the invoice applies. If the Purchase Order Number was 360009192 you could use the last 3 or 4 digits of the Purchase Order Number followed a sequence digit, example 9192-1, 9192-2, etc.

## **RETAINAGE AND PROMPT PAYMENT:**

Prompt Payment of Monies due Subcontractors, Second Tier Subcontractors and Material Suppliers and Release of Retainage

Contractors at all levels; prime, subcontractor, or second tier subcontractor, 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 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. If any retainage is held on subcontractors, all retainage shall be released within seven calendar days of release by the Department.

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.

## **AUTHORITY OF THE ENGINEER:**

The Engineer for this project shall be the Division Engineer, Division 4, 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 fail to carry out promptly.

## MATERIALS AND TESTING:

The Engineer reserves the right to perform all sampling and testing in accordance with Section 106 of the <u>Standard Specifications</u> 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 <u>Standard Specifications</u>. Material which is not properly certified will not be accepted.

MATERIALS: (2-21-12) (Rev. 5-21-13)

Revise the 2012 Standard Specifications as follows:

## Page 10-1, Article 1000-1, DESCRIPTION, line 14, add the following:

Use materials which do not produce a mottled appearance through rusting or other staining of the finished concrete surface.

# **Page 10-5, Table 1000-1, REQUIREMENTS FOR CONCRETE,** replace with the following:

|   |  |                           | REQ                       | TA<br>UIREME         | BLE 1000<br>NTS FOR       |   | CRETE                 |              |              |              |              |     |     |     |          |      |      |      |      |
|---|--|---------------------------|---------------------------|----------------------|---------------------------|---|-----------------------|--------------|--------------|--------------|--------------|-----|-----|-----|----------|------|------|------|------|
|   | <b>.</b>   | Maxin                     | num Wate                  | er-Cement            | t Ratio                   |   | sistency<br>. Slump   |              | Cement       | Content      | ţ            |     |     |     |          |      |      |      |      |
| Class of<br>Concrete                    | Min. Comp.<br>Strength<br>at 28 days                         | Air-Entrained<br>Concrete |                           | Non<br>Entra<br>Cone | ained                     | Vibrated                                    | Non-<br>Vibrated      | Vib          | rated        |              | on-<br>rated |     |     |     |          |      |      |      |      |
| 00                                      | Mi<br>S at   | Rounded<br>Aggregate      | Angular<br>Aggre-<br>gate | Rounded<br>Aggregate | Angular<br>Aggre-<br>gate | Vił   | Vil                   | Vib          | Vil          | Vil          | Vit          | Vib | Vib | Vib | N<br>Vib | Min. | Max. | Min. | Max. |
| Units                                   | psi  |                           |                           |                      |                           | inch  | inch                  | lb/cy        | lb/cy        | lb/cy        | lb/cy        |     |     |     |          |      |      |      |      |
| AA                                      | 4,500  | 0.381                     | 0.426                     | -                    | -                         | 3.5   | -                     | 639          | 715          | -            | -            |     |     |     |          |      |      |      |      |
| AA Slip<br>Form                         | 4,500  | 0.381                     | 0.426                     | -                    | -                         | 1.5   | -                     | 639          | 715          | -            | -            |     |     |     |          |      |      |      |      |
| Drilled Pier                            | 4,500  | -                         | -                         | 0.450                | 0.450                     | -   | 5-7 dry<br>7-9<br>wet | -            | -            | 640          | 800          |     |     |     |          |      |      |      |      |
| А                                       | 3,000  | 0.488                     | 0.532                     | 0.550                | 0.594                     | 3.5   | 4                     | 564          | -            | 602          | -            |     |     |     |          |      |      |      |      |
| В                                       | 2,500  | 0.488                     | 0.567                     | 0.559                | 0.630                     | 2.5   | 4                     | 508          | -            | 545          | -            |     |     |     |          |      |      |      |      |
| B Slip<br>Formed                        | 2,500  | 0.488                     | 0.567                     | -                    | -                         | 1.5   | -                     | 508          | -            | -            | -            |     |     |     |          |      |      |      |      |
| Sand Light-<br>weight                   | 4,500  | -                         | 0.420                     | -                    | -                         | 4   | -                     | 715          | -            | -            | -            |     |     |     |          |      |      |      |      |
| Latex<br>Modified                       | 3,000<br>7 day   | 0.400                     | 0.400                     | -                    | -                         | 6   | -                     | 658          | -            | -            | -            |     |     |     |          |      |      |      |      |
| Flowable<br>Fill<br>excavatable         | 150<br>max. at<br>56 days                                    | as needed                 | as needed                 | as needed            | as needed                 | -   | Flow-<br>able         | -            | -            | 40           | 100          |     |     |     |          |      |      |      |      |
| Flowable<br>Fill<br>non-<br>excavatable | 125  | as needed                 | as needed                 | as needed            | as needed                 | -   | Flow-<br>able         | -            | -            | 100          | as<br>needed |     |     |     |          |      |      |      |      |
| Pavement                                | 4,500<br>design,<br>field<br>650<br>flexural,<br>design only | 0.559                     | 0.559                     | -                    | -                         | 1.5<br>slip<br>form<br>3.0<br>hand<br>place | -                     | 526          | -            | -            | -            |     |     |     |          |      |      |      |      |
| Precast                                 | See<br>Table<br>1077-1                                       | as needed                 | as needed                 | -                    | -                         | 6   | as<br>needed          | as<br>needed | as<br>needed | as<br>needed | as<br>needed |     |     |     |          |      |      |      |      |
| Prestress                               | per<br>contract  | See Table<br>1078-1       | See<br>Table<br>1078-1    | -                    | -                         | 8   | -                     | 564          | as<br>needed | -            | -            |     |     |     |          |      |      |      |      |

Page 10-65, Article 1050-1, GENERAL, line 41, replace the first sentence with:

All fencing material and accessories shall meet Section 106.

|                  |     |            |            | P          | ercen      | tage o     | f Tot:     | ıl by V    | Neigh     | Percentage of Total by Weight Passing | ing       |                       |  |
|------------------|-----|------------|------------|------------|------------|------------|------------|------------|-----------|---------------------------------------|-----------|-----------------------|--|
| Std.<br>Size #   | 2"  | 1<br>1/2'' | 1.         | 3/4"       | 1/2"       | 3/8"       | #4         | <b>8</b> # | #10       | #16                                   | #40       | #200                  | Remarks  |
| 4                | 100 | 90-<br>100 | 20-<br>55  | 0-15       | I          | 0-5        | I          | ı          | ı         | I                                     | ı         | A                     | Asphalt Plant Mix  |
| 467M             | 100 | 95-<br>100 | ı          | 35-<br>70  | I          | 0-30       | 0-5        | ı          | 1         | ı                                     | ı         | A                     | Asphalt Plant Mix  |
| S                | ı   | 100        | 90-<br>100 | 20-<br>55  | 0-10       | 0-5        | I          | I          | ı         | I                                     | I         | A                     | AST, Sediment Control Stone                                      |
| 57               | I   | 100        | 95-<br>100 | I          | 25-<br>60  | I          | 0-10       | 0-5        | I         | I                                     | I         | A                     | AST, Str. Concrete,<br>Shoulder Drain,<br>Sediment Control Stone |
| 57M              | ı   | 100        | 95-<br>100 | I          | 25-<br>45  | I          | 0-10       | 0-5        | ı         | I                                     | I         | A                     | AST, Concrete Pavement   |
| 6M               | I   | I          | 100        | 90-<br>100 | 20-<br>55  | 0-20       | 0-8        | I          | I         | I                                     | I         | A                     | AST  |
| 67               | I   | I          | 100        | 90-<br>100 | I          | 20-<br>55  | 0-10       | 0-5        | I         | I                                     | I         | A                     | AST, Str. Concrete.<br>Asphalt Plant Mix                         |
| 78M              | I   | I          | I          | 100        | 98-<br>100 | 75-<br>100 | 20-<br>45  | 0-15       | I         | I                                     | I         | A                     | Asphalt Plant Mix, AST,<br>Str. Conc, Weep Hole Drains           |
| 14M              | I   | I          | I          | I          | I          | 100        | 35-<br>70  | 5-20       | ı         | 0-8                                   | I         | A                     | Asphalt Plant Mix,<br>AST, Weep Hole Drains.<br>Str. Concrete    |
| 9                | I   | I          | I          | I          | I          | 100        | 85-<br>100 | 10-<br>40  | I         | 0-10                                  | I         | A                     | AST  |
| ABC              | I   | 100        | 75-<br>97  | ı          | 55-<br>80  | I          | 35-<br>55  | I          | 25-<br>45 | I                                     | 14-<br>30 | 4-<br>12 <sup>в</sup> | Aggregate Base Course,<br>Aggregate Stabilization                |
| ABC<br>(M)       | I   | 100        | 75-<br>100 | I          | 45-<br>79  | I          | 20-<br>40  | I          | 0-<br>25  | I                                     | I         | 0-<br>12 <sup>в</sup> | Maintenance Stabilization  |
| Light-<br>weight | I   | I          | I          | I          | 100        | 80-<br>100 | 40<br>40   | 0-20       | 1         | 0-10                                  | I         | 0-2.5                 | AST  |

**Page 10-23, Table 1005-1, AGGREGATE GRADATION-COARSE AGGREGATE,** replace with the following:

**Page 10-115, Subarticle 1074-7(B), Gray Iron Castings, lines 10-11,** replace with the first two sentences with the following:

Supply gray iron castings meeting all facets of AASHTO M 306 excluding proof load. Proof load testing will only be required for new casting designs during the design process, and

conformance to M306 loading (40,000 lbs.) will be required only when noted on the design documents.

| TABLE 1<br>REQUIREMENTS F                 |   |   |
|---|---|---|
| Property                                  | 28 Day Design<br>Compressive<br>Strength<br>6,000 psi or less | 28 Day Design<br>Compressive<br>Strength<br>greater than<br>6,000 psi |
| Maximum Water/Cementitious Material Ratio | 0.45  | 0.40  |
| Maximum Slump without HRWR                | 3.5"  | 3.5"  |
| Maximum Slump with HRWR                   | 8"  | 8"  |
| Air Content (upon discharge into forms)   | 5 + 2%  | 5 + 2%  |

## **Page 10-126, Table 1078-1, REQUIREMENTS FOR CONCRETE,** replace with the following:

**Page 10-151, Article 1080-4 Inspection and Sampling, lines 18-22,** replace (B), (C) and (D) with the following:

- (B) At least 3 panels prepared as specified in 5.5.10 of AASHTO M 300, Bullet Hole Immersion Test.
- (C) At least 3 panels of 4"x6"x1/4" for the Elcometer Adhesion Pull Off Test, ASTM D4541.
- (D) A certified test report from an approved independent testing laboratory for the Salt Fog Resistance Test, Cyclic Weathering Resistance Test, and Bullet Hole Immersion Test as specified in AASHTO M 300.
- (E) A certified test report from an approved independent testing laboratory that the product has been tested for slip coefficient and meets AASHTO M253, Class B.

**Page 10-162, Subarticle 1081-1(A) Classifications, lines 4-7,** delete the second and third sentences of the description for Type 3A.

**Page 10-162, Subarticle 1081-1(B) Requirements, lines 26-30,** replace the second paragraph with the following:

For epoxy resin systems used for embedding dowel bars, threaded rods, rebar, anchor bolts and other fixtures in hardened concrete, the manufacturer shall submit test results showing that the bonding system will obtain 125% of the specified required yield strength of the fixture. Furnish certification that, for the particular bolt grade, diameter and embedment depth required, the anchor system will not fail by adhesive failure and that there is no movement of the anchor bolt. For certification and anchorage, use 3,000 psi as the minimum Portland cement concrete compressive strength used in this test. Use adhesives that meet Section 1081.

List the properties of the adhesive on the container and include density, minimum and maximum temperature application, setting time, shelf life, pot life, shear strength and compressive strength.

Page 10-169, Subarticle 1081-3(G) Anchor Bolt Adhesives, delete this subarticle.

**Page 10-179, Subarticle 1087-4(A) Composition, lines 39-41**, replace the third paragraph with the following:

All intermixed and drop-on glass beads shall not contain more than 75 ppm arsenic or 200 ppm lead.

**Page 10-180, Subarticle 1087-4(B) Physical Characteristics, line 8**, replace the second paragraph with the following:

All intermixed and drop-on glass beads shall comply with NCGS § 136-30.2 and 23 USC § 109(r).

**Page 10-181, Subarticle 1087-7(A) Intermixed and Drop-on Glass Beads, line 24**, add the following after the first paragraph:

Use X-ray Fluorescence for the normal sampling procedure for intermixed and drop-on beads, without crushing, to check for any levels of arsenic and lead. If any arsenic or lead is detected, the sample shall be crushed and repeat the test using X-ray Fluorescence. If the X-ray Fluorescence test shows more than a LOD of 5 ppm, test the beads using United States Environmental Protection Agency Method 6010B, 6010C or 3052 for no more than 75 ppm arsenic or 200 ppm lead.

**Page 10-204, Subarticle 1092-2(A) Performance and Test Requirements,** replace **Table 1092-3 Minimum Coefficient of Retroreflection for NC Grade A** with the following:

| MINIMUN                       | TABLE 1092-3   MINIMUM COEFFICIENT OF RETROREFLECTION FOR NC GRADE A   (Candelas Per Lux Per Square Meter) |     |     |     |    |     |     | RADE A                |
|-------------------------------|--|-----|-----|-----|----|-----|-----|-----------------------|
| Observation<br>Angle, degrees | Angle <b>E 9 9 E</b>   |     |     |     |    |     |     | Fluorescent<br>Yellow |
| 0.2                           | -4.0   | 525 | 395 | 52  | 95 | 30  | 420 | 315                   |
| 0.2                           | 30.0   | 215 | 162 | 22  | 43 | 10  | 170 | 130                   |
| 0.5                           | -4.0   | 310 | 230 | 31  | 56 | 18  | 245 | 185                   |
| 0.5                           | 30.0   | 135 | 100 | 14  | 27 | 6   | 110 | 81                    |
| 1.0                           | -4.0   | 120 | 60  | 8   | 16 | 3.6 | 64  | 48                    |
| 1.0                           | 30.0   | 45  | 34  | 4.5 | 9  | 2   | 36  | 27                    |

## FENCE REPAIRS:

The Contractor shall perform all fence repairs in accordance with the applicable requirements of Section 866 of the January 2012 edition of <u>The North Carolina Department of Transportation Standard Specifications for Roads and Structures</u> except as otherwise specified herein.

The Contractor shall furnish all implements, machinery, equipment, tools, materials, supplies, transportation, and labor necessary for the prosecution and completion of the work. All fence repairs shall be constructed in accordance with the details and dimensions shown in the attached North Carolina Department of Transportation\_Roadway Standard Drawings No. 866.01 and 866.02. The lines and grades of the repaired fence shall be in reasonable close conformity with the lines and grades of the original fence and the repaired fence shall blend with the adjoining fence in an aesthetic manner.

This work shall include, but is not limited to, removing and disposing of damaged fence materials; any minor clearing and grubbing and/or grading deemed by the Engineer to be necessary for proper installation of fence. The Contractor shall be responsible for furnishing and installing line post, brace post or extra length posts, when required; chain link fence fabric or woven wire fence fabric; and additional barbed wire when required. The Contractor shall furnish all necessary hardware; and any special, additional, extra, and incidental work that is considered by the Engineer necessary to complete the work to the full intent of the specifications.

The quantities shown on the Contract Bid Form are for comparative purposes only. The actual quantity of any contract item may vary from a minimum of zero (0) to a maximum amount that will be dictated by need.

Whenever reference is made in the specifications to information shown in the plans, the Engineer will furnish such information.

### PROJECT SPECIAL PROVISION TRAFFIC CONTROL

(01-17-12) (Rev. 4-16-13)

RWZ-1

Maintain traffic in accordance with Divisions 10, 11 and 12 of the 2012 Standard Specifications and the following provisions:

Install Work Zone Advance Warning Signs in accordance with Standard Drawing No. 1101.01 of the 2012 Roadway Standard Drawings prior to beginning any other work. Use a lane closure or slow moving operation to complete the work, as necessary, unless otherwise indicated (refer to Standard Drawing No. 1101.02, 1101.11, 1110.01, 1110.02 and 1130.01 of the 2012 Roadway Standard Drawings. Use a moving operation only if the minimum speed maintained at all times is 3 mph with no stops that narrow or close a lane of travel. If the moving operation is progressing slower than 3 mph at any time, install a lane closure. Maintain the existing traffic pattern at all times, except in the immediate work zone where lane closures are allowed as determined by the Engineer.

Refer to attached details and Standard Drawing No. 1101.01, 1101.02, 1101.03, 1101.04, 1101.05, 1101.11, 1110.01, 1110.02, 1115.01, 1130.01, 1135.01, 1145.01, 1150.01, 1165.01, 1170.01 and 1180.01 of the *2012 Roadway Standard Drawings* when closing a lane of travel in a stationary work zone such as pavement patching resurfacing, or pavement marking removal. Properly ballasted cones may be used instead of drums for lane closures during daylight hours. However, drums are required for the upstream taper portion of lane closures in all applications. The stationary work zone shall be a maximum of 3 miles in length at any given time unless otherwise directed by the Engineer. A pilot vehicle operation may be used in conjunction with flaggers and the appropriate pilot vehicle warning signing as directed by the Engineer. During periods of construction inactivity, return the traffic pattern to the existing alignment and remove or cover any work zone signs. When covering work zone signs, use an opaque material that prevents reading of the sign at night by a driver using high beam headlights. Use material, which does not damage the sign sheeting. Replace any obliterated markings as required by other sections of the *2012 Standard Specifications* and the Engineer.

When personnel and/or equipment are working on the shoulder adjacent to an undivided facility and within 5 feet of an open travel lane, close the nearest open travel lane using Standard Drawing No. 1101.02 of the 2012 Roadway Standard Drawings unless the work area is protected by barrier or guardrail. When personnel and/or equipment are working on the shoulder, adjacent to a divided facility and within 10 feet of an open travel lane, close the nearest open travel lane using Standard Drawings No. 1101.02 of the 2012 Roadway Standard Drawings unless the work area is protected by barrier or guardrail. When personnel and/or equipment are working within a lane of travel of an undivided or divided facility, close the lane according to the traffic control plans, 2012 Roadway Standard Drawings or as directed by the Engineer. Conduct the work so that all personnel and/or equipment remain within the closed travel lane. Do not work simultaneously, on both sides of an open travel way, within the same location, on a two-lane, two-way road. Do not perform work involving heavy equipment within 15 feet of the edge of travel way when work is being performed behind a lane closure on the opposite side of the travel way. Perform work only when weather and visibility conditions allow safe operations as directed by the Engineer.

Do not exceed a difference of 2 inches in elevation between open lanes of traffic for nominal lifts of 1.5 inches. Install advance warning UNEVEN LANES signs (W8-11 at 48" X 48") 500 feet in advance and a minimum of once every half mile throughout the uneven area.

Backfill at a 6:1 slope up to the edge and elevation of existing pavement in areas adjacent to an open travel lane that has an edge of pavement drop-off as follows:

- (A) Drop-off that exceeds 2 inches on roadways with posted speed limits of 45 mph or greater.
- (B) Drop-off that exceeds 3 inches on roadways with posted speed limit less than 45 mph.

Backfill the unacceptable drop-off with suitable compacted material, as approved by the Engineer, at no expense to the Department. This work is not considered part of shoulder reconstruction.

When utilizing a slow-moving operation for such items as pavement marking placement, pavement marker installation and pesticide spraying, the slow moving operation caravan shall consist, as a minimum, of the vehicles and devices shown on the Moving Operation Caravan Details as shown on Standard Drawing No. 1101.02, sheets 11, 12 and 13 of the 2012 *Roadway Standard Drawings*. Traffic cones may be used when necessary to provide additional protection of wet pavement markings. Ballast all traffic cones so they will not be blown over by traffic.

Failure to comply with the following requirements will result in a suspension of all other operations:

- 1. Before working on ANY MAP, the Contractor shall submit a written construction sequence for traffic control and construction lighting for ALL MAPS to the Engineer at the first pre-construction meeting and the sequence must be approved before closing a lane of traffic. The Contractor and Engineer will coordinate with the Traffic Management Unit at 919-773-2800 or Traffic Services for additional traffic control guidance, as necessary.
- 2. Coordinate the installation of items required by the contract documents and resurfacing operations such that these operations are completed in the order as agreed upon with the Engineer at the first pre-construction meeting. Refer to the Provisions, Typicals and Details unless otherwise directed by the Engineer.
- 3. Once the Contractor has started work at a location, the Contractor should prosecute the work in a continuous and uninterrupted manner from the time he begins the work until completion and final acceptance unless determined otherwise by the Engineer.
- 4. Obtain written approval of the Engineer before working in more than one location or setting up additional lane closures.
- 5. Mainline pavement shall not be left milled, unmarked or uneven at the end of a paving season.
- 6. Contractor shall mill and pave lanes in an order such that water shall not accumulate.

Notify the Engineer 48 hours before milling or resurfacing will interfere with the existing Signal Loops. Loops may need to be placed in milled surface before resurfacing occurs. Coordinate all signal loop operations with the Engineer.

Notify the Engineer 15 consecutive calendar days before resurfacing a bridge or its approaches. Patch and make repairs to the existing asphalt wearing surface on the bridge

surface and its approaches before resurfacing occurs. Coordinate all operations on the bridge and its approaches with the Engineer.

Notify the Engineer 48 hours before resurfacing the areas of existing pavement that require patching. Patch these areas before resurfacing occurs. Allow full depth asphalt patching to cool to the point of supporting traffic without displacement or rutting before reopening closed lane. Coordinate the resurfacing operations of the patched areas with the Engineer.

During a resurfacing only operation, bring all newly resurfaced lanes to the same elevation within 72 hours for nominal lifts of 1.5 inches or less of asphalt course and by the end of each work day for nominal lifts of greater than 1.5 inches of asphalt course.

For partial or wheel track milling operations on two-way, two-lane facilities, mill and pave back by the end of each work day. For partial or wheel track milling operations on multi-lane facilities, the lane being milled may be left closed and paved back within 72 hours.

The following options are available during Resurfacing and milling operations on two-way, two-lane facilities when the entire roadway or entire lane is to be milled:

- (A) Mill a single lane and pave back by the end of each work day.
- (B) Mill the entire width of roadway and pave back within 72 hours.

The following options are available during Resurfacing and milling operations on multi-lane facilities when all lanes or a single lane in one direction are to be milled:

- (A) Mill a single lane and pave back by the end of each work day.
- (B) Mill the entire width of pavement for all lanes to be milled in any direction daily and pave back within 72 hours.

When resurfacing facilities with ramps, resurface the ramp and gore area of the ramp as agreed upon with the Engineer. Place the transverse joint on the ramp at the terminal point of the gore unless the ramp is being resurfaced beyond this limit.

Slope the pavement at the beginning and ending of the daily milling operation as directed by the Engineer. Sweep and remove all milled material from the roadway as soon as the daily milling operation is completed. Continue milling operations until the particular section of roadway being milled is complete. Remove any existing pavement adjacent to the milled area that has been damaged and replace with patch material as directed by the Engineer.

Maintain vehicular access in accordance with Article 1101-14 of the 2012 Standard Specifications using suitable backfill material approved by the Engineer.

Operate equipment and conduct operations in the same direction as the flow of traffic. Do not cross medians with equipment, except at properly designated interchanges.

Review and record the existing pavement markings and markers prior to resurfacing. Use the record of existing pavement markings and markers in accordance with the 2012 Roadway Standard Drawings to re-establish the proposed pavement markings and markers unless otherwise directed by the Engineer.

Provide appropriate lighting in accordance with Section 1413 of the 2012 Standard Specifications.

Remove existing pavement markers in preparation for paving. Repair any pavement damage due to existing pavement marker removal prior to the end of the work day. Dispose of existing pavement markers as directed by the Engineer. No direct payment will be made for this work, as it will be incidental to the paving operation.

Payment will be made for the traffic control items that have been included in the contract. No direct payment will be made for providing other traffic control as required herein, as the cost of same will be considered incidental to the work being paid for under those various traffic control items that have been included. Where the Contractor maintains traffic as required herein but no specific pay items have been included in the contract, all associated costs will be considered incidental to the work being paid for under the various items in the contract.

## **WORK ZONE SIGNING:**

(01-17-12)

## Description

Install and maintain signing in accordance with Divisions 11 and 12 of the 2012 Standard Specifications, the 2012 Roadway Standard Drawings and the following provisions:

Furnish, install, maintain and remove advance warning work zone signs and any required lane closure signing.

Furnish, install and maintain general work zone warning signs for resurfacing and milling such as ROUGH ROAD (W8-8 at 48" X 48") (for milling only), UNEVEN LANES (W8-11 at 48" X 48"), LOW SHOULDER (W8-9 at 48" X 48"), LOW / SOFT SHOULDER (DOT No. 16-79860 at 48" X 48"), UNMARKED PAVEMENT AHEAD (DOT No. 116087130 at 48" X 48") and DO NOT PASS (R4-1 at 24" X 30"). When construction is completed in any area of the project, relocate signs to the next work site, as directed by the Engineer. Remove these signs at the completion of the project.

All work zone signs may be portable.

## **Construction Methods**

## (A) General

Install all warning work zone signs before beginning work on a particular map. If signs are installed three days prior to the beginning of work on a particular map, cover the signs until the work begins. Install each work zone warning sign separately and not on the same post or stand with any other sign except where an advisory speed plate or directional arrow is used.

## (B) Advance Warning Work Zone Signs

Install advance warning work zone signs in accordance with Standard Drawing No. 1101.01, 1101.02 and 1110.01 of the *2012 Roadway Standard Drawings* prior to beginning of work

RWZ-3

and remove upon final completion of the project. If there is a period of construction inactivity longer than two weeks, remove or cover advance warning work zone signs. Uncover advance warning work zone signs no more than 3 days before work resumes. All other operations could be suspended upon failure to comply with the above requirements. Such suspended operations would not be resumed until the above requirements are fulfilled.

## (C) Lane Closure Work Zone Signs

Install any required lane closure signing needed during the life of the project in accordance with the Standard Drawing No. 1101.02, 1101.11 and 1110.02 of the *2012 Roadway Standard Drawings*.

## (D) General Work Zone Warning Signs

Install general work zone warning signs for resurfacing and milling such as ROUGH ROAD (W8-8 at 48" X 48") (for milling only), UNEVEN LANES (W8-11 at 48" X 48"), LOW SHOULDER (W8-9 at 48" X 48") and LOW / SOFT SHOULDER (W8-9B at 48" X 48") at 1 mile intervals starting at a minimum of 500 feet in advance of the condition for both directions of travel (undivided roadways only) and at any other points determined by the Engineer.

Install the LOW SHOULDER (W8-9 at 48" X 48") or LOW / SOFT SHOULDER (DOT No. 16-79860 at 48" X 48") signs prior to any resurfacing in an area where shoulder construction will be performed.

Install general work zone warning signs such as UNMARKED PAVEMENT AHEAD (DOT No. 116087130 at 48" X 48") and DO NOT PASS (R4-1 at 24" X 30") alternately at 1/2 mile intervals starting at a minimum of 500 feet in advance of the condition for both directions of travel (undivided roadways only) and at any other points determined by the Engineer. Install signs prior to the obliteration of any pavement markings.

## Measurement and Payment

Payment will be made for the work zone signing items that have been included in the contract. No direct payment will be made for providing other work zone signing as required herein, as the cost of same will be considered incidental to the work being paid for under those various work zone signing items that have been included. Where the Contractor provides work zone signing as required herein but no specific pay items have been included in the contract, all associated costs will be considered incidental to the work being paid for under the various items in the contract.

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

(5-20-08)

*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 Article 108-13(E), of the *North Carolina Department of Transportation Standard Specifications for Roads and Structures*, dated July 1, 2006.

Z-2

#### **ERRATA**

(1-17-12) (Rev. 9-18-12)

Revise the 2012 Standard Specifications as follows:

#### **Division 2**

**Page 2-7, line 31, Article 215-2 Construction Methods,** replace "Article 107-26" with "Article 107-25".

Page 2-17, Article 226-3, Measurement and Payment, line 2, delete "pipe culverts,".

Page 2-20, Subarticle 230-4(B), Contractor Furnished Sources, change references as follows: Line 1, replace "(4) Buffer Zone" with "(c) Buffer Zone"; Line 12, replace "(5) Evaluation for Potential Wetlands and Endangered Species" with "(d) Evaluation for Potential Wetlands and Endangered Species"; and Line 33, replace "(6) Approval" with "(4) Approval".

#### **Division 4**

Page 4-77, line 27, Subarticle 452-3(C) Concrete Coping, replace "sheet pile" with "reinforcement".

#### **Division 6**

Page 6-7, line 31, Article 609-3 Field Verification of Mixture and Job Mix Formula Adjustments, replace "30" with "45".

**Page 6-10, line 42, Subarticle 609-6**(C)(2), replace "Subarticle 609-6(E)" with "Subarticle 609-6(D)".

**Page 6-11, Table 609-1 Control Limits,** replace "Max. Spec. Limit" for the Target Source of  $P_{0.075}/P_{be}$  Ratio with "1.0".

**Page 6-40, Article 650-2 Materials,** replace "Subarticle 1012-1(F)" with "Subarticle 1012-1(E)"

#### **Division 10**

**Page 10-74, Table 1056-1 Geotextile Requirements,** replace "50%" for the UV Stability (Retained Strength) of Type 5 geotextiles with "70%".

#### **Division 12**

Page 12-7, Table 1205-3, add "FOR THERMOPLASTIC" to the end of the title.

Page 12-8, Subarticle 1205-5(B), line 13, replace "Table 1205-2" with "Table 1205-4".

**Page 12-8, Table 1205-4 and 1205-5,** replace "THERMOPLASTIC" in the title of these tables with "POLYUREA".

Page 12-9, Subarticle 1205-6(B), line 21, replace "Table 1205-4" with "Table 1205-6".

Page 12-11, Subarticle 1205-8(C), line 25, replace "Table 1205-5" with "Table 1205-7".

#### **Division 15**

**Page 15-6, Subarticle 1510-3(B), after line 21,** replace the allowable leakage formula with the following:  $W = LD\sqrt{P} + 148,000$ 

Page 15-6, Subarticle 1510-3(B), line 32, delete "may be performed concurrently or" and replace with "shall be performed".

Page 15-17, Subarticle 1540-3(E), line 27, delete "Type 1".

Z-4

#### **Division 17**

Page 17-26, line 42, Subarticle 1731-3(D) Termination and Splicing within Interconnect Center, delete this subarticle.

Revise the 2012 Roadway Standard Drawings as follows:

**1633.01 Sheet 1 of 1, English Standard Drawing for Matting Installation,** replace "1633.01" with "1631.01".

## <u>PLANT AND PEST QUARANTINES</u> (Imported Fire Ant, Gypsy Moth, Witchweed, And Other Noxious Weeds)

(3-18-03)

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, 919-733-6932, or *http://www.ncagr.com/plantind/* 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 or other noxious weeds.

#### MINIMUM WAGES

(7-21-09)

- **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.

Z-5

## **AWARD OF CONTRACT**

(6-28-77)

Z-6

"The North Carolina Department of Transportation, in accordance with the provisions of Title VI of the Civil Rights Act of 1964 (78 Stat. 252) and the Regulations of the Department of Transportation (49 C.F.R., Part 21), issued pursuant to such act, hereby notifies all bidders that it will affirmatively insure that the contract entered into pursuant to this advertisement will be awarded to the lowest responsible bidder without discrimination on the ground of race, color, or national origin".

## **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 shall cause the bid to be considered irregular and shall be grounds for rejection of the bid.

- 1. The bid sheet furnished by NCDOT with the proposal shall be used and shall not be altered in any manner. The bid shall not be considered complete unless all forms included in this proposal are properly completed and/or executed as instructed. **DO NOT SEPARATE THE BID SHEET FROM THE PROPOSAL!**
- 2. All entries on the bid sheet, including signatures, shall be written in ink.
- **3.** The Bidder shall submit a unit price for every item on the bid form. The unit prices for the various contract items shall be written in figures.
- 4. An amount bid shall be entered on the bid 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 Bid" column of the sheet.
- 5. The total amount bid shall be written in figures in the proper place on the bid sheet. The total amount shall be determined by adding the total cost for each item.
- 6. Changes in 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.
- 7. The bid shall be properly executed. All bids shall show the following information:
  - a. Name of individual, firm, corporation, partnership, or joint venture submitting bid.
    - b. Name of individual or representative submitting bid and position or title.
    - c. Name, signature, and position or title of witness.
    - d. Federal Identification Number
    - e. Contractor's License Number
- 8. Bids submitted by corporations shall bear the seal of the corporation.
- 9. The bid shall not contain any unauthorized additions, deletions, or conditional bids.
- **10.** 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.
- 11. The Proposal with the Bid Sheet Still Attached Shall be Placed in a Sealed Envelope and Shall Have Been Delivered to and Received in the Division Engineer's Office Located at 509 Ward Blvd. in Wilson by 2:00 PM on Tuesday May 28, 2013.
- **12.** The sealed bid must display the following statement on the front of the sealed envelope:

#### **Quotation For Fence Repair in Wayne County**

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

J. P. Page, PE, NCDOT PO Box 3165 Wilson, NC 27895

#### AWARD OF CONTRACT

The award of the contract, if it be awarded, will be made to the lowest responsible Bidder. The lowest responsible will be notified that his bid has been accepted and that he has been awarded the contract. NCDOT reserves the right to reject all bids.

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| ITEM | SECT | DESCRIPTION                                   | QUANTITY | UNIT | UNIT<br>PRICE | AMOUNT BID |
|------|------|---|----------|------|---------------|------------|
| 1    | 866  | Woven Wire Fence, 47" Fabric                  | 1,500    | LF   |               |            |
| 2    | 866  | Chain Link Fence, 60" Fabric with 2" Mesh     | 500      | LF   |               |            |
| 3    | 866  | Chain Link Fence, 60" Fabric with 1" Mesh     | 500      | LF   |               |            |
| 4    | 866  | 4" Timber Fence Posts, 7'-6" Long             | 100      | EA   |               |            |
| 5    | 866  | 5" Timber Fence Posts, 8'-0" Long             | 10       | EA   |               |            |
| 6    | 866  | Metal Line Posts for 60" Chain Link Fence     | 100      | EA   |               |            |
| 7    | 866  | Metal Terminal Posts for 60" Chain Link Fence | 10       | EA   |               |            |
| 8    | 866  | Top Rail                                      | 200      | LF   |               |            |
| 9    | 866  | Additional Barbed Wire                        | 500      | LF   |               |            |

## North Carolina Dept. of Transportation Bid Form Wayne County Fence Repair

## TOTAL BID FOR PROJECT:\_\_\_\_\_

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

#### **CORPORATION**

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder 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 bidder has not been convicted of violating *N.C.G.S.* § 133-24 within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of 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.

 $N.C.G.S. \le 133-32$  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.

|           | Full name   | of Corpor  | ration  |
|-----------|---|------------|---|
|           |   |            |   |
|           | Address a   | Drogual    | fod   |
|           | Address   | is Prequar | ined  |
| Attest    |   | By         |   |
| _         | Secretary/Assistant Secretary<br>Select appropriate title | _ • _      | President/Vice President/Assistant Vice President<br>Select appropriate title |
|           | Print or type Signer's name                               |            | Print or type Signer's name   |
|           |   |            | CORPORATE SEAL  |
|           | AFFIDAVIT MU  | ST BE      | NOTARIZED   |
| Subscribe | d and sworn to before me this the                         |            |   |
| day       | y of 20   |            |   |
|           | Signature of Notary Public                                |            | NOTARY SEAL   |
| of        | County  |            |   |
| State of  |   |            |   |
| My Comm   | nission Expires:  |            |   |

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

#### PARTNERSHIP

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder 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 bidder has not been convicted of violating N.C.G.S. § 133-24 within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of 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.

| Full Nam                                   | e of Partnership  | ,                           |
|--|-------------------|-----------------------------|
| Address                                    | as Prequalified   | -                           |
|  | By                |                             |
| Signature of Witness                       |                   | Signature of Partner        |
|  |                   |                             |
| Print or type Signer's name                |                   | Print or type Signer's name |
|  |                   |                             |
|  |                   |                             |
| AFFIDAVIT MU                               | J <b>ST BE NC</b> | DTARIZED                    |
| Subscribed and sworn to before me this the |                   | NOTARY SEAL                 |
| day of 20                                  |                   |                             |
|  |                   |                             |
| Signature of Notary Public                 |                   |                             |
| ofCounty                                   |                   |                             |
| State of                                   |                   |                             |
| My Commission Expires:                     |                   |                             |

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

#### LIMITED LIABILITY COMPANY

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder 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 bidder has not been convicted of violating N.C.G.S. § 133-24 within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of 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.

| Full Name of                               | of Firm  |
|--|--|
|  |  |
| Address as Pre                             | equalified   |
|  |  |
| Signature of Witness                       | Signature of Member/Manager/Authorized Agent<br>Select appropriate title |
| Print or type Signer's name                | Print or type Signer's Name  |
| AFFIDAVIT MUST                             | BE NOTARIZED   |
| Subscribed and sworn to before me this the | NOTARY SEAL  |
| day of 20                                  |  |
| Signature of Notary Public                 |  |
| ofCounty                                   |  |
| State of                                   |  |
| My Commission Expires:                     |  |

(1)

#### **EXECUTION OF BID**

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

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

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder 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 bidder has not been convicted of violating N.C.G.S. § 133-24 within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of 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 CONTRACTOR

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               |             |  |
|---------------|--------------------------------------|-------------------------------------|-------------|--|
| (2)           |                                      | Name of Contractor                  |             |  |
|               |                                      | Address as Prequalified             |             |  |
|               | Signature of Witness or Attest       | Ву                                  |             | Signature of Contractor                  |
|               | Print or type Signer's name          |                                     |             | Print or type Signer's name              |
|               | If Corporation, affix Corporate Seal | and                                 |             |  |
| (3)           |                                      | Name of Contractor                  |             |  |
|               |                                      | Address as Prequalified             |             |  |
|               | Signature of Witness or Attest       | Ву                                  |             | Signature of Contractor                  |
|               | Print or type Signer's name          |                                     |             | Print or type Signer's name              |
|               | If Corporation, affix Corporate Seal | and                                 |             |  |
| (4)           |                                      | Name of Contractor (for 3 Joint Ver | nture only) |  |
|               |                                      | Address as Prequalified             |             |  |
|               | Signature of Witness or Attest       | By                                  |             | Signature of Contractor                  |
|               | Print or type Signer's name          |                                     |             | Print or type Signer's name              |
| IOTARY SEA    | If Corporation, affix Corporate Seal | NOTARY SEAL                         |             | NOTARY SEA                               |
|               | t be notarized for Line (2)          | Affidavit must be notarized for Lin | e (3)       | Affidavit must be notarized for Line (4) |
|               | nd sworn to before me this           | Subscribed and sworn to before me   |             | Subscribed and sworn to before me this   |
| day of_       | 20                                   | day of                              | 20          | day of 20                                |
| ignature of I | Notary PublicCounty                  | Signature of Notary Public of       | County      | Signature of Notary Public               |
| tate of       | County                               | State of                            | County      | ofCounty State of                        |
|               | ion Expires:                         | My Commission Expires:              |             | My Commission Expires:                   |

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

#### INDIVIDUAL DOING BUSINESS UNDER A FIRM NAME

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder 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 bidder has not been convicted of violating N.C.G.S. § 133-24 within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of 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.

| Name of Contractor                         |                                       |
|--|---------------------------------------|
|  | Individual name                       |
| Trading and doing business as              |                                       |
|  | Full name of Firm                     |
| Address as I                               | Prequalified                          |
| Signature of Witness                       | Signature of Contractor, Individually |
| Print or type Signer's name                | Print or type Signer's name           |
| AFFIDAVIT MUST                             | T BE NOTARIZED                        |
| Subscribed and sworn to before me this the | NOTARY SEAL                           |
| day of 20                                  |                                       |
| Signature of Notary Public                 |                                       |
| ofCounty                                   |                                       |
| State of                                   |                                       |
| My Commission Expires:                     |                                       |

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

#### INDIVIDUAL DOING BUSINESS IN HIS OWN NAME

The person executing the bid, on behalf of the Bidder, being duly sworn, solemnly swears (or affirms) that neither he, nor any official, agent or employee of the bidder 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 bidder has not been convicted of violating *N.C.G.S.* § 133-24 within the last three years, and that the Bidder intends to do the work with its own bonafide employees or subcontractors and is not bidding for the benefit of another contractor.

In addition, execution of this bid in the proper manner also constitutes the Bidder's certification of 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 CONTRACTOR

Name of Contractor

Print or type Individual name

Address as Prequalified

Signature of Contractor, Individually

Print or type Signer's Name

Signature of Witness

Print or type Signer's name

#### **AFFIDAVIT MUST BE NOTARIZED**

Subscribed and sworn to before me this the

\_\_\_\_\_ day of \_\_\_\_\_\_ 20\_\_\_.

Signature of Notary Public

of \_\_\_\_\_ County

| State of |  |  |
|----------|--|--|
|          |  |  |

My Commission Expires:\_\_\_\_\_

**NOTARY SEAL** 

| Contract No. |  |
|--------------|--|
| County       |  |

#### **DEBARMENT CERTIFICATION**

Conditions for certification:

- 1. The prequalified bidder shall provide immediate written notice to the Municipality if at any time the bidder learns that his certification was erroneous when he submitted his debarment certification or explanation filed with the Municipality, 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 Municipality project representative.
- 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 Municipal contracts, unless authorized by the Municipality.
- 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 Municipality, 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 Municipality 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.

| Contract No. |  |
|--------------|--|
| County       |  |

#### **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.

Check here if an explanation is attached to this certification.

Contract No: N/A

County: Wayne

## ACCEPTED BY THE DEPARTMENT OF TRANSPORTATION

**Division Four Proposals Engineer** 

Date

Signature Sheet (Bid) - ACCEPTANCE SHEET

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