



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

June 25, 2015

Addendum No. 1

Contract No.: 11509476

WBS Element: Various

On-call Annual Needs for Seeding and Mulching Along NCDOT System Routes In Division One

To Whom It May Concern:

Reference is made to the proposal and plans previously furnished for this project.

The following revisions have been made to the proposal and plans:

Page No. 14, "Seeding & Mulching - Table" has been revised to remove the lime application requirements. Please void existing Page No. 14 and staple revised Page No.14 thereto.

Page No.21, 24 & 25, "Temporary Traffic Control (TTC)" special provision has been revised to reference and include pay items for "Temporary Traffic Control (Two Lane) and Temporary Traffic Control (Multi-lane)". Please void existing Page No.21, 24 & 25and staple revised Page No.21, 24 & 25thereto.

Page No. 39, "Bid Form" has been revised to include Line Items for "Temporary Traffic Control (Two Lane) and Temporary Traffic Control (Multi-lane)". Please void existing Page No. 39 and staple the revised Page No.39 thereto.

The following clarifications of the proposal are offered:

As referenced in the Special Provisions, *2012 Standard Specifications and/or Roadway Standard Drawings*, the Contractor shall provide all traffic control devices, including but not limited to, *Truck Mounted Attenuators*.

As referenced in the Special Provisions, *2012 Standard Specifications and/or Roadway Standard Drawings*, the Contractor shall provide all required documentation concerning materials used within the project limits, including but not limited to, *hay, straw, fodder, and plant litter of any kind*.

Please acknowledge receipt of Addendum #1 in the space provided on the Addendum Acknowledgement Form.

Sincerely,

DocuSigned by:

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W. B. Hobbs, PE
Division Project Manager

WBH
Attachment

cc: S. D. Baker, PE
P. P. Mansfield

REVISED 6/25/2015

SEEDING & MULCHING:

Revise the 2012 *Standard Specifications* as follows:

Page 16-25, Article 1660-5 APPLYING AND COVERING LIMESTONE, FERTILIZER AND SEED, after line 17, add the following:

(4) Use of a hydro seeder may be necessary on areas where slopes will not allow traditional seeding equipment (i.e. tractors). Contractor will be responsible for seeding and mulching all exposed areas as directed by Engineer. It is mandatory that the Contractor have a hydroseeder readily available for use in wet conditions and on potential steep slopes.

Page 16-25, Article 1660-6 MULCHING, line 26, add the following:

Hydro-mulch will not be acceptable as an alternative mulching material.

The kinds of seed and fertilizer, and the rates of application of seed, fertilizer, and limestone, shall be as stated below. During periods of overlapping dates, the kind of seed to be used shall be determined. All rates are in pounds per acre.

All Roadway Areas Except Beaches

| March 1 – August 31 | | September 1 – February 28 | |
|----------------------------|-----------------|----------------------------------|-----------------|
| 50 # | Tall Fescue | 50 # | Tall Fescue |
| 10 # | Centipede | 10 # | Centipede |
| 50 # | Pensacola Bahia | 50 # | Pensacola Bahia |
| 500 # | Fertilizer | 500 # | Fertilizer |
| 2000 # | Limestone | 2000 # | Limestone |

All Beach Roadway Areas

| March 1 – August 31 | | September 1 – February 28 | |
|----------------------------|-----------------------|----------------------------------|-------------------------|
| 25 # | Bermudagrass (hulled) | 35 # | Bermudagrass (unhulled) |
| 50 # | Pensacola Bahia | 50 # | Tall Fescue |
| 500 # | Fertilizer | 500 # | Fertilizer |
| 4000 # | Limestone | 4000 # | Limestone |

Waste and Borrow Locations

| March 1 – August 31 | | September 1 – February 28 | |
|----------------------------|-----------------------|----------------------------------|-------------------------|
| 75 # | Tall Fescue | 75 # | Tall Fescue |
| 25 # | Bermudagrass (hulled) | 35 # | Bermudagrass (unhulled) |
| 50 # | Pensacola Bahia | | |
| 500 # | Fertilizer | 500 # | Fertilizer |
| 2000 # | Limestone | 2000 # | Limestone |

Note: 50# of Bahiagrass may be substituted for either Centipede or Bermudagrass only upon Engineer's request.

WORK ZONE TRAFFIC CONTROL GENERAL REQUIREMENTS**TEMPORARY TRAFFIC CONTROL (TTC):**

(7-16-13) (Rev. 7-15-14)

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 the detail drawing provided in these plans 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, 1130.01 1135.01 and 1180.01 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. 1101.02, 1101.03, 1101.04, 1101.05, 1101.11, 1110.01, 1110.02, 1115.01, 1130.01, 1135.01, 1145.01, 1150.01, 1165.01, 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 and skinny drums may be used instead of drums. However, drums are required for the upstream taper portion of lane closures in all applications. The stationary work zone shall be a maximum of 1 mile in length at any given time on 2 Lane, 2 Way facilities unless otherwise approved 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 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*. When personnel and/or equipment are working within a lane of travel of an undivided 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

No stationary -Y- Line advance warning signage is required unless there's more than 1,000 feet of resurfacing along the -Y- line. Whenever work proceeds through an intersection, portable signs shall be used for traffic control. There will be no direct compensation for any portable signing.

If there is a period of construction inactivity longer than 14 calendar days, remove or cover advance/general warning work zone signs. Uncover advance/general warning work zone signs no more than 7 calendar days before work resumes. All other operations may be suspended upon failure to comply with the above requirements. Such suspended operations would not be resumed until the above requirements are fulfilled.

(B) Sign Removal

All stationary work zone signs shall be removed once the project is substantially complete. The project is substantially complete when the resurfacing operations are completed and the shoulders are brought up to the same elevation as the proposed pavement and when pavement markings are installed. The pavement marking doesn't have to be the final marking material to be considered substantially complete. Any remaining punch list items are to be completed with portable work zone signing. There will be no compensation for any portable signing. Sign removal is a condition of final project acceptance.

(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*. Any required portable signs for lane closures are compensated in the contract pay item for *Temporary Traffic Control (Two Lane)* or *Temporary Traffic Control (Multi-lane)*.

4) Measurement and Payment:

Temporary traffic control work, including, but not limited to installation and removal of portable signs, cones, drums, skinny drums, flaggers, AFAD's, changeable message boards, truck mounted attenuators, flashing arrow boards, and pilot vehicles will be paid at the contract unit price per each for *Temporary Traffic Control (Two Lane)* or *Temporary Traffic Control (Multi-lane)*. The *Temporary Traffic Control* pay items do not include work zone advance or general warning signs. Additional flashing arrow boards and message boards beyond those shown in the contract, detail drawings or *Roadway Standard Drawings* required by the Engineer will be paid as extra work in accordance with Article 104-7 of the *Standard Specifications*.

The work of satisfactorily installing and removing work zone advance and/or general warning signs, including, but not limited to, furnishing, locating, installing, covering, uncovering and removing stationary signs will be measured for each required sign and paid at the contract price for *Work Zone Advance/General Warning Signing (SF)*. Payment for *Work Zone*

TC-5

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Advance/General Warning Signing will be limited to a maximum of 90% of the total installed quantity. The remaining 10% will be paid once all signs have been removed.

The per Each price for *Temporary Traffic Control (Two Lane)* will include the work of four (4) flaggers per operation per map being utilized at the same time on any day. If a pilot vehicle is used for an operation, the Contract Unit Price for *Temporary Traffic Control (Two Lane)* will include the work of five (5) flaggers. The operator of a pilot vehicle will be considered one of the five flaggers.

Any additional flagging beyond the “included” amount covered in the *Temporary Traffic Control* pay item will be considered supplemental flagging and compensated at a rate of \$20.00 per hour for each additional flagger as approved by the Engineer.

Payment will be made under:

| Pay Item | Pay Unit |
|---|-----------------|
| Temporary Traffic Control (Two Lane) | Each |
| Temporary Traffic Control (Multi-lane) | Each |
| Work Zone Advance/General Warning Signing | Square Foot |

**North Carolina Department of Transportation
 BID FORM**

WBS Number: Various

Counties: Bertie, Camden, Chowan, Currituck, Dare, Gates, Hertford, Hyde, Martin, Northampton, Pasquotank, Perquimans, Tyrrell, and Washington Counties

Description: On-Call Annual Needs for Seed And Mulching

| LINE | SECT | DESCRIPTION | QUANTITY | UNIT | UNIT PRICE | AMOUNT BID |
|------|------|--|----------|------|------------|------------|
| 1 | SP | TEMPORARY TRAFFIC CONTROL (TWO LANE) | 60 | EA | | |
| 2 | SP | TEMPORARY TRAFFIC CONTROL (MULTI-LANE) | 15 | EA | | |
| 3 | 1660 | PERMANENT SOIL REINFORCEMENT MAT | 1,000 | SY | | |
| 4 | 1660 | SEEDING AND MULCHING | 150 | ACR | | |
| 5 | SP | MOBILIZATION TO DISTRICT ONE | 25 | EA | | |
| 6 | SP | MOBILIZATION TO DISTRICT TWO | 25 | EA | | |
| 7 | SP | MOBILIZATION TO DISTRICT THREE | 25 | EA | | |

Unit Prices must be limited to TWO decimal places

FOR BID TO BE CONSIDERED RESPONSIVE, ANY ADDENDA ISSUED MUST BE ACKNOWLEDGED. PLEASE ACKNOWLEDGE RECEIPT OF ADDENDA BY WRITING IN ADDENDUM NUMBER AND DATING BELOW.

Addendum No. _____ Date: _____

TOTAL BID FOR PROJECT: _____

THIS SECTION TO BE COMPLETED BY N. C. DEPARTMENT OF TRANSPORTATION

This bid has been reviewed in accordance with Article 103-1 of the Standard Specifications for Roads and Structures 2012.

Reviewed by: _____ DATE

Accepted by NCDOT: _____ DATE