



STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY  
GOVERNOR

ANTHONY J. TATA  
SECRETARY

May 22, 2015

**Addendum No. 1**

Contract No.: DA00250

WBS Element: 3701.3.23

*Shoulder Renovation-Centipede Sod-Seeding And Fertilization 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 revision has been made to the proposal and plans:

Page No. 26, "Construction Methods", the mowing provision has been revised and a line item for mowing has been added to the bid form. Please void existing Page No. 26 and staple revised Page No.26 thereto.

Page No. 27, "Fertilizer" has been revised to require application through a no-till drill. Please void existing Page No. 27 and staple revised Page No.27 thereto.

Page No. 27, "Equipment" has been revised to include the requirement for either a 6' wide no-till drill or a no-till drill that can be adjusted to a minimum width of 6'. Please void existing Page No. 27 and staple revised Page No.27 thereto.

Page No. 67, "Bid Form" has been revised to include a line item for "Generic Erosion Control Item (Mowing)". Please void existing Page No. 67 and staple revised Page No.67 thereto.

**The following clarifications of the proposal are offered:**


TC-1, "Temporary Traffic Control (TTC)" as long as operations are maintained at greater than 3 miles per hour, the work will be considered a moving operation. As such, a Truck Mounted Impact Attenuator (TMIA) and a shadow vehicle plus all other traffic control associated with a moving operation will be required when operating within 5 feet of pavement.

Please refer to the last paragraph of Page No. 2 in the proposal and Page No. 1-25 (Section 103-7) of the *2012 Standard Specifications*, for further clarification of the bonding requirements on this project.

If you elect to prepare your bid electronically, place file DA00250.001 in the same folder with DA00250.EBS, so that Expedite Bid will properly apply the addendum.

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

Sincerely,

DocuSigned by:  
  
99A5A272ED6A447...

W. B. Hobbs, PE  
Division Project Manager

WBH  
Attachment

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

REVISED 5/22/2015

## ROADWAY SPECIAL PROVISIONS

### **2918 – SEEDING AND MULCHING AND FERTILIZATION:**

#### **Description**

Sod-seed Centipede seed and top-dress with fertilizer.

#### **Locations and Description**

1. In Camden and Pasquotank Counties, along US17 for 12.78 miles, beginning at the NC/VA state line and ending at the north end of the US17 Bypass at Elizabeth City in a 24 feet wide continuous swath from the edge of pavement on the SBL and NBL shoulders and on both sides of the median for a maximum combined width of 96 feet.
2. In Pasquotank, Perquimans and Chowan Counties, along US17 for 23.22 miles, beginning at the south end of the US17 Bypass at Elizabeth City to the east end of the Chowan River in a 12 feet wide continuous swath from the edge of pavement on the SBL and NBL shoulders and on both sides of the median for a maximum combined width of 48 feet.
3. In Bertie County, along US17 for 9.55 miles, from the south end of the US 13/17 bypass at Windsor to the Roanoke River in a 12 feet wide continuous swath from the edge of pavement on the SBL and NBL shoulders and on both sides of the median for a maximum combined width of 48 feet.

#### **Materials**

All materials, including but not limited to Centipede seed and fertilizer, shall be supplied by the Contractor.

#### **Construction Methods**

Perform sod-seeding and top-dress fertilization operations in existing vegetation in a continuous swath next to pavement at the prescribed widths on highway shoulders and medians on identified locations along routes as specified. Mow vegetation in advance of sod-seeding operations as needed to insure successful seed to ground contact. Areas that are less than 6' wide between the edge of pavement and adjacent guardrail or guiderail, or areas that have been rocked for vehicular pull-offs and driveways are excluded from sod-seeding and fertilization operations. Every effort shall be made to sod-seed as close as possible to sign posts and mailboxes.

#### **Non-emergency Response Time and Target Production Rate**

Begin work assigned under this item within five (5) consecutive calendar days of assignment. Failure to begin work within five (5) consecutive calendar days will result in liquidated damages of **Five Hundred Dollars (\$500.00)** per calendar day until work begins.

REVISED 5/22/2015

Once work begins, the average target production rates are:

- A - US17 from the NC/VA state line to the north end of the US17 Bypass at Elizabeth City is 6 SHM per day @ an average of 3 acres per SHM for an average of 18 acres per day.
- B - All other locations are 12 SHM per day @ an average of 1.5 acres per SHM for an average of 18 acres per day.

### **Centipede Grass Seed**

Centipede seed shall be applied at a rate of 10 pounds per acre. NCDOT approved Centipede seed is required. The Engineer requests that Centipede seed be this year's seed (2014-2015), but shall not be more than 8 months old, and has been certified by the seed dealer. **Proof of certification is required.** Seed shall be uniformly applied at the specified rate.

All seed shall comply with Article 1060-4 of the *Standard Specifications*.

Seed bags shall only be opened in the presence of and under the inspection of the inspector. Seeding operations shall be done in the presence of and under the supervision of the inspector. All seed from opened seed containers shall be installed in the same working day.

### **Fertilizer**

The Contractor shall use a no-till drill to apply 250 pounds per acre of 8-8-24 with 2% Iron fertilizer.

All Fertilizer shall comply with Article 1060-2 of the *Standard Specifications*.

### **Equipment**

Minimum tillage equipment, consisting of a no-till drill shall be used for incorporating seed into the soil. A minimum of one 6' wide no-till drill or a no-till drill that can be adjusted to 6' width is required; however contractor must provide additional equipment in sufficient numbers and size to meet the established target production rates. All no-till seeding equipment shall be approved by the Engineer prior to beginning work.

### **Measurement and Payment**

*Centipede Sod Seeding* will be measured and paid for as the actual number of acres seeded, measured along the surface of the ground, which has been completed and accepted. No substitutions shall be made for the Centipede grass seed.

Such price includes, but is not limited to furnishing all equipment, tools and labor necessary to complete the work. Top-dressing fertilization operations shall be incidental to Sod-seeding. No additional payment will be made for fertilization operations.

Payment will be made under:

#### **Pay Item**

Mowing

Centipede Sod-Seeding

#### **Pay Unit**

Shoulder Mile

Acre

County : Bertie, Pasquotank, Chowan, Camden

Line #	Item Number	Sec #	Description	Quantity	Unit Cost	Amount
<b>ROADWAY ITEMS</b>						
0001	0000100000-N	800	MOBILIZATION	Lump Sum	L.S.	
0002	4457000000-N	SP	TEMPORARY TRAFFIC CONTROL	Lump Sum	L.S.	
0003	6084000000-E	1660	SEEDING & MULCHING	355 ACR		
0004	6136000000-E	SP	GENERIC EROSION CONTROL ITEM (MOWING)	20 SMI		
<b>1504/May22/Q377.0/D16677100000/E4</b>			<b>Total Amount Of Bid For Entire Project :</b>			