



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

ROY COOPER
GOVERNOR

JAMES H. TROGDON, III
SECRETARY

August 24, 2018

WBS No: 34187.3.5
County: Cabarrus
Description: Landscape Planting on I-85 from South of SR 2894 (Speedway-Concord Mills Blvd.) to NC 73

Addendum No. 1
September 5, 2018 Letting

To: Prospective Bidders

Please note the following revision to the proposal for the above referenced project.

- The special provision for Intermediate Contract Time #1 on page 7 was revised to include Seeding in the work required.
- The special provision for Intermediate Contract Time #2 on page 7 was revised to change the completion date from January 27, 2019 to February 28, 2019.
- The special provision for "Plant Bed Clean-Up and Vegetation Removal" was revised to correct the pay unit discrepancy. Plant Bed Cleanup and Vegetation Removal will be paid in Acres as shown on the Bid Sheet.
- Table 1 was revised on page 41 to change the Seeding dates from September 1st thru September 15th to November 1st thru November 15th and the Supplemental Seeding dates from September 15th thru September 22nd to November 14th thru November 21st.

The revised pages are attached to this letter. If you have any questions, please contact me at (704) 983-4400.

Sincerely,

A handwritten signature in black ink that reads "Terry Bursleson".

Terry Bursleson
Contract Engineer

cc: Kellie Crump, Project Manager
File

CONTRACT TIME:

The date of availability for this project is October 1, 2018. If the Contractor has not received written authorization by this date, he shall contact the Department representative for verbal authorization. Any ensuing delay in issuance of the purchase order or division contract number shall not constitute a valid reason for extending the completion date. The Contractor may begin work prior to the date of availability upon approval of the Engineer or his duly authorized representative. If such approval is given, and the Contractor begins work prior to the date of availability, the Department of Transportation will assume no responsibility for any delays caused prior to this date by any reason whatsoever, and such delays, if any, will not constitute a valid reason for extending the completion date.

No work will be permitted and no authorization will be issued until all required bonds and prerequisite conditions and certifications have been satisfied.

The completion date for this project is January 27, 2021. No extensions will be authorized except as authorized by Article 108-10 of the *Standard Specifications*.

Liquidated damages for this contract are Five Hundred Dollars (\$500.00) per calendar day.

INTERMEDIATE CONTRACT TIME #1 AND LIQUIDATED DAMAGES:

The Contractor shall complete the required work of plant bed cleanup, undergrowth removal, seeding, stone wall installation and all incidentals necessary to complete this work.

The date of availability for this immediate contract time is **October 1, 2018**.

The completion date for this intermediate contract time is **December 31, 2018**.

The liquated damages for this intermediate contract time are **Five Hundred Dollars (\$500.00) per calendar day**.

INTERMEDIATE CONTRACT TIME #2 AND LIQUIDATED DAMAGES:

The Contractor shall complete the installation of all plantings as shown in the plans.

The date of availability for this immediate contract time is **October 1, 2018**.

The completion date for this intermediate contract time is **February 28, 2019**.

The liquated damages for this intermediate contract time are **Five Hundred Dollars (\$500.00) per calendar day**.

INTERMEDIATE CONTRACT TIME #3 AND LIQUIDATED DAMAGES:

The Contractor shall complete the required work of installing, maintaining and removing the traffic control devices for lane and shoulder closures and restoring traffic to its normal pattern.

PLANT BED CLEANUP AND VEGETATION REMOVAL:

This special provision consists of the removal and disposal of existing plant materials within defined plant bed areas or as indicated on the plans. These plants may be partially dead, diseased, or have outgrown their desired use.

The selected plants to be removed are located approximately within the areas indicated on the plans. An effort has been made to closely measure the actual quantities and/or dimensions of the plant materials to be removed, however all quantities or dimensions shown are not to be considered as exact but rather should be considered only as estimates.

Removal of Existing Plant Materials includes removal of all above and below ground vegetation, digging and removal of stump/roots and satisfactory disposal of all debris. Salvage as much excess soil from the roots as possible to backfill any holes created by the plant removals.

All methods and operations used for removal of vegetation will be approved by the Engineer prior to conducting work. All materials removed, unless indicated to be relocated become the property of the contractor and will be properly disposed of off-site. Disposal on highway rights of way will not be permissible.

Conduct plant material removal in such a manner as to prevent damage to adjacent vegetation, turf, or plant bed grade. Work shall begin with raking back existing mulch in the immediate area. Thoroughly remove and dispose of vegetation; and once vegetative removal is complete the contractor is responsible for smoothing area soil and evenly redistributing the mulch over the affected area to the satisfaction of the Engineer.

Plant Bed Cleanup and Vegetation Removal will be measured and paid in **acres** completed and accepted, measured along the surface of the ground.

Payment will be made under:

Pay Item	Pay Unit
Plant Bed Cleanup and Vegetation Removal	Acre

TREE REMOVAL:

The work covered by this special provision includes the removal of individual trees (in open accessible areas) as defined on the plans. Tree removal includes the removal of all vegetative matter of the trees. This includes the limbs, leaves, trunk(s), stump, and root flare (to 6” below the surface) of the exterior base of the tree. Once vegetative removal is complete, the contractor is responsible for evenly distributing and/or raking the area to a smooth even grade (to the satisfaction of the Engineer).

All methods and operations used for tree removal will be approved by the Engineer prior to conducting work. All materials removed, unless indicated to be relocated become the property of the contractor and will be properly disposed of off-site. Disposal on highway rights of way will not be permissible.

TURF IMPROVEMENT PROGRAM:**GENERAL**

The **Turf Improvement Program** covers all necessary items, as described herein, to successfully establish and maintain a healthy turfgrass stand for the noted interchange quadrants and traffic islands on this project. This item consists of an initial stage to successfully eradicate competitive weeds, prepare the soil base, tilling, disking and amending the soil, and sowing turfgrass. The second stage, and just as important, is to manage the turfgrass areas, with the exception of mowing, to build the turf stand through proper annual vegetation management. The work covered by this Section consists of furnishing all labor, equipment and material required to apply topsoil, seed, commercial fertilizer, agricultural limestone and organic mulch material, including herbicide applications, seedbed preparation, harrowing, compacting, and other placement operations on graded earthen areas as described herein and/or shown on the drawings. Adapt operations to variations in weather or soil conditions as necessary and as directed by the Engineer for the successful establishment and growth of the turf. In general, seeding operations shall be conducted on all designated earthen areas as delineated on the plans and on all existing turf areas (within the confines of the project) which are disturbed by construction operations and which are to remain as finish grade surfaces.

The work also includes the continuous management of the turf areas over a 2 year period which includes all necessary labor, materials, and operations as noted above in addition to annual pre-emergent and post-emergent herbicide applications, annual turf aeration, annual fertilizer and lime application topdressing, annual over-seeding, and bare spot treatments (in excess of 100 sf) as approved and directed by the NCDOT Engineer.

A schedule for all turfgrass work, covering the 2 year period, shall be established between the Contractor and NCDOT Engineer prior to the beginning of landscape work. Any deviation from the schedule shall be approved by both parties. The schedule is noted in Table 1.

TABLE 1 –SCHEDULE

Operation (initial establishment of turf)	Date/Guideline
Tilling, Disking, and Grading	7 days following last Herbicide Application
Apply Fertilizer and Agricultural Lime	24 hours prior to seeding
Seeding (hydroseeding)	Nov 1- Nov 15
Watering	As directed by the Engineer for over first two weeks of germination
Supplemental Seeding (areas with poor germination); DO NOT apply pre-emergent herbicide in areas to be re-seeded.	Nov 14- Nov 21
Operation (year 1 annual turf management)	Date/Guideline