

BID ADDENDUM
September 27, 2016

FAILURE TO RETURN THIS ENTIRE BID ADDENDUM IN ACCORDANCE WITH INSTRUCTIONS SHALL SUBJECT YOUR BID TO REJECTION ON THE AFFECTED ITEM(S):

Contract ID: -----	WBS: 46305.3.22
TIP No.: ER-5600 FB	County: Harnett
Federal Aid: STP-0055(062)	Description: Landscape Enhancements

Addendum No.: 1 **Letting Date:** October 5, 2016
Time: 2:00 PM

- INSTRUCTIONS:**
1. Please make the following changes and adhere to the following clarifications on the bid referenced above.
 2. Sign & Return all the pages of this Addendum with the Bid Proposal, due at the Date & Time as listed above.

Proposed Amendments / Changes / Clarifications:

- 1 **The specification section on page 6 entitled "Contract Time and Liquidated Damages" will not be revised. Liquidated damages for this contract remain One Hundred Dollars (\$100.00) per calendar day.**
- 2 **The specification section on page 27 entitled "Mulch" has been revised. Please disregard the original page 27, and follow the attached revised page 27 - REV. instead. The revised specification section shall become a part of the contract document when executed.**
- 3 **The specification provision entitled "Stone Retaining Wall" has been added, on page 29 - REV. Please insert the attached page 29 - REV in the proposal. Page 29 - REV shall become a part of the contract document when executed.**

Addendum Execution:

Check **ONLY** one of the following categories and return one properly executed copy of this addendum (**all pages**) with the Bid Proposal, or have delivered prior to bid letting date & time.

- Bid has already been mailed. Changes resulting from this addendum are as follows:
- Bid has already been mailed. **NO CHANGES** resulted from this addendum
- Bid has **NOT** been mailed and **ANY CHANGES** resulting from this addendum are included in our bid.

Changes (if any): _____

Contractor: _____

Address: _____

Authorized Agent: _____ **Title:** _____

Signature: _____ **Date:** _____

Mail or Deliver To: R. Allen Waddell, PE - Division Proposals Engineer
NCDOT - Division 6
PO Box 1150 or 558 Gillespie Street
Fayetteville, NC 28302 Fayetteville, NC 28301

MULCH

Mulch for planting shall consist of ground, shredded hardwood bark, with no more than 15% wood fiber and an aggregate size of 2.75" maximum and .75" minimum in width or length, clean and void of sticks, leaves or any extraneous materials placed evenly over all bed areas to a depth of four inches (4") and shall be approved by the Engineer prior to placement on planting beds. Mulch with excessive fines will not be accepted. Mulch color shall be dark brown at the time of application. Artificially colored mulch will not be accepted. **Mulch shall be triple shredded, brown dyed hardwood.**

WATERING AND PLANT RINGS

At the time of planting, Contractor shall water-in all plant material. At the end of each day during initial planting, Contractor shall water each plant that has been planted with the following schedule: #3 Container – 3 gallons, #10 Container – 5 gallons, B&B – 7 gallons. Contractor shall build plant rings that are large enough to hold prescribed water amount. Plant Rings shall be built out of soil. Once the Contractor receives plant material from the nursery, before plants have been planted, Contractor shall protect all plant root balls from drying out, maintaining them in a perpetually hydrated state. Following acceptance of initial planting, a watering schedule shall be issued by the Engineer. Such watering schedule shall include, but not be limited to watering during the months of May, June, July, August and September on a 14 day interval. During dry weather, plants may need additional watering. In such instances, Engineer will notify Contractor who shall begin watering operations within 48 hours and complete watering operations within 72 hours of notification by Engineer.

WEED CONTROL

During initial planting, prior to tillage, Contractor may use herbicides as needed to clear planting areas of undesirable vegetation. During the warranty period and after plants are established, on all mulched areas, pre-emergent herbicides shall be used to control warm season and winter annuals. Post emergent herbicides shall be used to control emerged weeds. Hoeing shall not be allowed as a means of removing weeds as it has been determined to reduce plant performance. Failure to control weeds shall result in the forfeiture of payment for "Monthly Warranty Work" in that respective cycle. No additional payment shall be made for herbicide treatment as such shall be considered incidental to the work.

Should non-selective herbicides be needed, care shall be taken to avoid contact with desirable plant material. The Contractor shall replace any desirable plant material that is damaged, to any degree, by miss-application or drift of herbicide. DOT will not participate in the cost of such replacement planting.

FERTILIZER

Contractor shall use an 8 to 9 month, slow release fertilizer derived from polycoated Sulphur coated nitrogen with an 18-6-12 analysis. It shall be applied during initial planting at the rates as follows, for #1 or 2 cont. 1 Tbsp. /plant, #3 cont. 3 tbsp. /plant, #5 cont. 5 tbsp. /plant, and B&B 3/4 cup/plant. Fertilizer type(s) and quantity shall be discussed with and approved by the Engineer prior to placement.

PRUNING

Pruning of trees and perennials will be done at the direction of the Engineer and shall be accomplished according to the Engineer's instruction.

FINAL ACCEPTANCE

Final acceptance of the planting will not be made before one year after the acceptance of the initial planting. Final acceptance will be made only after the satisfactory completion of all planting work covered by this contract, including but not limited to planting trees, shrubs and ground covers. All trees, shrubs and ground covers shall be in living and healthy condition at the time of final acceptance.

Article 1670-14 Establishment. Insert this paragraph:

During the Establishment Period, the Contractor shall be responsible for insecticide and/or fungicide applications as directed by the Engineer. The application of insecticides shall also include fire ant control. No separate measurement or payment will be made for these pesticides.

Article 1060-2 Fertilizer. Insert this paragraph:

The type of fertilizer to be used shall be a slow-release fertilizer with the 2-1-1-ratio analysis and shall be applied at a rate as specified by the Engineer. No separate measurement or payment will be made for fertilizer.

STONE RETAINING WALL

General: The work covered by this section shall consist of furnishing and constructing the Stone Veneer Retaining Wall and the Stone Retaining Wall as shown on the plans and details and as described herein.

The Roadside Engineer may adjust the height and length if necessary depending on existing site conditions. Verify exact dimensions before proceeding.

Materials: The stone for the **Stone Retaining Wall** shall be 12” x 8” x 4” Pavestone Anchor Aspen Stone or equivalent. The color of the stone shall be light grey or light brown. It shall have a stone textured face with tapered sides. (See Detail.) The stone for the **Veneer Retaining Wall** shall be a **Johnson Concrete Oconee Blend 113-S** stack stone or equivalent. Individual Stack stones vary in size from 2” to 4” in height, 4” to 16” in length and 1” to 2.25” in thickness. The mason shall place the stone in a stack pattern with no visible mortar joints. (See detail.) Stone shall be consistent in color and quality. Stone samples shall be submitted to the Engineer for approval prior to any placement. Use Type S mortar. Backfill shall be Class I Select as described in Section 1016. Drain pipe shall be 4” perforated PVC or corrugated drain pipe. All fittings for drain pipe shall be constructed for use with specified pipe and shall be installed per manufacturer’s guidelines.

Installation: Placement, settlement, compaction, and grading of topsoil shall take place prior to construction of sloped stone wall. Excavate location of stone walls. Set landscape fabric, aggregate base, and PVC or corrugated pipe (Slope of pipe should be a minimum of 2% .). Compact aggregate base per Engineers instruction.

An experienced stone mason with a minimum of 7 years of practice shall be required to construct the stone walls. Mason must submit references and samples of built work prior to beginning work. A sample wall with approximately 12 square feet of veneer surface area and a minimum of 4 linear feet of base shall be required prior to progressing with wall. The sample wall shall be a separate wall or incorporated into existing structures as shown on plans. The sample wall shall be approved prior to proceeding with the installation.

Method of Measurement: The quantity of Stone Retaining Wall and Stone Veneer Retaining Wall will be the actual number of linear feet of wall constructed and accepted.

Basis of Payment: The quantity of Stone Retaining Wall and Stone Veneer Retaining Wall will be paid by the actual number of linear feet constructed and accepted.

Payment as described above will be full compensation for all work covered by this section including but not limited to footing excavation, furnishing stone aggregate, drain pipe and fittings, landscape fabric, fieldstone, mortar, and other incidental material; and all labor and equipment necessary to complete the work.

Payment will be made under:

Stone Retaining Wall	LF
Stone Veneer Retaining Wall	LF