



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

January 9, 2009

Addendum No. 1

RE: Contract ID: C202149

WBS# 38989.3.6

Lenoir County (U-2928AB)

Spirit Way and Aerosystems Boulevard Construction and
Extension in Kinston Global Transpark

January 20, 2009 Letting

To Whom It May Concern:

Reference is made to the proposal recently furnished to you on this project.

The following revisions have been made to the proposal form:

On Page No. 1 the Line # for "Undercut Excavation" within the project special provision entitled "Major Contract Items" has been revised. Please void Page No. 1 in your proposal and staple the revised Page No. 1 thereto.

On Page Nos. 25 and 26 the project special provision entitled "Shallow Undercut" has been revised. Also on Page No. 26 the project special provision entitled "Select Granular Material" has been revised. Please void Page Nos. 25 and 26 in your proposal and staple the revised Page No. 26 thereto.

On Page No. 46 the project special provisions entitled "FAA Requirements" and "Lump Sum Grading" have been added. Please void Page No. 46 in your proposal and staple the revised Page No. 46 thereto.

On Page No. 1 of the item sheets, by copy of this addendum, the following pay item is hereby deleted: "3-0043000000-N-226 Grading" and is being replaced by the following new pay item, "5-0063000000-N-SP Grading" (the Quantity remains Lump Sum). Also, on Page No. 1 of the item sheets, by copy of this addendum, the following pay item is hereby deleted: "5-0057000000-E-226 Undercut Excavation" and is being replaced by the following new pay item "3-0036000000-E-225 Undercut Excavation" (the Quantity is remaining 20,500 CY). The Contractor's bid must include these new pay items. The contract will be prepared accordingly.

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
CONTRACT STANDARDS AND DEVELOPMENT UNIT
1591 MAIL SERVICE CENTER
RALEIGH NC 27699-1591

TELEPHONE: 919-250-4128
FAX: 919-250-4119

WEBSITE: WWW.NCDOT.ORG/

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B2
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610

The following revision has been made to the plans:

Sheet No. 3 has been revised to reflect the above noted change. Please void Sheet No. 3 in your plans and staple the revised Sheet No. 3 thereto.

The Expedite EBS file has been updated to reflect this revision. Please download the Expedite Addendum file for this project and follow the instructions for applying the addendum. Bid Express will not accept your bid unless the addendum has been applied.

Sincerely,



R. A. Garris, PE
Contract Officer

RAG/jag
Attachments

cc: Mr. J. G. Nance, PE
Mr. Ellis Powell, PE
Mr. C. E. Lassiter, PE
Ms. D. M. Barbour, PE
Mr. Art McMillan, PE
Mr. J. V. Barbour, PE
Mr. Mark Staley (2)
Project File (2)

Mr. Robert Memory
Mr. R. E. Davenport, Jr., PE
Ms. Norma Smith
Mr. Ronnie Higgins
Mr. Larry Strickland
Ms. Lori Strickland
Ms. Marsha Sample

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PROJECT SPECIAL PROVISIONS

GENERAL

CONTRACT TIME AND LIQUIDATED DAMAGES:

(7-20-99) (Rev. 12-18-07)

SP1 G04

The date of availability for this contract is **March 2, 2009**, except that work in jurisdictional waters and wetlands shall not begin until a meeting between the DOT, Regulatory Agencies, and the Contractor is held as stipulated in the permits contained elsewhere in this proposal. This delay in availability has been considered in determining the contract time for this project.

The completion date for this contract is **December 1, 2009**.

Except where otherwise provided by the contract, observation periods required by the contract will not be a part of the work to be completed by the completion date and/or intermediate contract times stated in the contract. The acceptable completion of the observation periods that extend beyond the final completion date shall be a part of the work covered by the performance and payment bonds.

The liquidated damages for this contract are **Eight Hundred Dollars (\$800.00)** per calendar day.

MAJOR CONTRACT ITEMS:

(2-19-02)

SP1 G28

The following listed items are the major contract items for this contract (See Articles 101 and 104-5 of the *2006 Standard Specifications*):

Line #	Description
3	Undercut Excavation
8	Select Granular Material, Class III
15	Aggregate Base Course
18	Asphalt Concrete Intermediate Course, Type I19.0B

SPECIALTY ITEMS:

(7-1-95)

SP1 G37

Items listed below will be the specialty items for this contract (See Article 108-6 of the *2006 Standard Specifications*).

Line #	Description
35 thru 48	Erosion Control Items

PROJECT SPECIAL PROVISIONS**ROADWAY****CLEARING AND GRUBBING – METHOD II:**

(9-17-02) (Rev. 3-18-08)

SP2 R01

Perform clearing on this project to the limits established by Method “II” shown on Standard No. 200.02 of the *2006 Roadway Standard Drawings*.

Revise the *2006 Standard Specifications* as follows:

Page 2-2, Article 200-3, Clearing, add the following as the 6th paragraph:

At bridge sites, clear the entire width of the right of way beginning at a station 3 feet back of the beginning extremity of the structure and ending at a station 3 feet beyond the ending extremity of the structure.

SHALLOW UNDERCUT:

(9-18-07) (Rev. 3-18-08)

SP2 R35 B

Description

Undercut to a depth of 6 to 24 inches and place fabric for soil stabilization and Class IV Subgrade Stabilization at locations shown on the plans or as directed by the Engineer.

Materials

Refer to Division 10 of the *Standard Specifications*.

Item	Section
Select Material, Class IV	1016
Fabric for Soil Stabilization, Type 4	1056

Use Class IV Select Material for Class IV Subgrade Stabilization. If Class IV Subgrade Stabilization does not meet the requirements of Article 1010-2 of the *Standard Specifications*, the Engineer, at his discretion, may consider the material reasonably acceptable in accordance with Article 105-3 of the *Standard Specifications*.

Construction Methods

Perform undercut excavation in accordance with Section 225 of the *Standard Specifications*. Place fabric for soil stabilization in accordance with Article 270-3 of the *Standard Specifications* before backfilling. Backfill with Class IV Subgrade Stabilization by end dumping subgrade stabilization material on the fabric. Do not operate heavy equipment on the fabric until it is covered with Class IV Subgrade Stabilization. Compact subgrade stabilization material to 92% of AASHTO T180 as modified by the Department or to the highest density that can be reasonably obtained.

Maintain Class IV Subgrade Stabilization in an acceptable condition and minimize the use of heavy equipment on subgrade stabilization material in order to avoid damaging the backfill. Provide and maintain drainage ditches and drains as required to prevent entrapment of water in backfill.

Measurement and Payment

Class IV Subgrade Stabilization will be measured and paid for at the contract unit price per ton. The quantity to be paid for will be the actual number of tons of subgrade stabilization material that has been incorporated into the completed and accepted work. The material will be measured by being weighed in trucks on certified platform scales or other certified weighing devices. This work includes but is not limited to furnishing, hauling, handling, placing, compacting and maintaining the subgrade stabilization material.

Undercut Excavation will be measured and paid for in accordance with Section 225 of the *Standard Specifications*.

Fabric for Soil Stabilization will be measured and paid for in accordance with Section 270 of the *Standard Specifications*.

Payment will be made under:

Pay Item	Pay Unit
Class IV Subgrade Stabilization	Ton

SELECT GRANULAR MATERIAL:

10-21-08

SPI2-06

Select Granular Material used to backfill undercut areas and in other areas as directed shall be in accordance with Section 265 of the *Standard Specifications* except that Class II Select Material shall not be used.

SHOULDER AND FILL SLOPE MATERIAL:

(5-21-02)

SP2 R45 A

Description

Perform the required shoulder and slope construction for this project in accordance with the applicable requirements of Section 226 of the *2006 Standard Specifications* except as follows:

Construct the top 6 inches of shoulder and fill slopes with soils capable of supporting vegetation.

Provide soil with a P.I. greater than 6 and less than 25 and with a pH ranging from 5.5 to 6.8. Remove stones and other foreign material 2 inches or larger in diameter. All soil is subject to test and acceptance or rejection by the Engineer.

- (3) Fiber reinforced concrete - develop a minimum compressive strength 4000 psi in 28 days.
- (4) Workability of the concrete mix - determine in accordance with ASTM C995. The flow time - not be less than 7 seconds or greater than 25 seconds.
- (5) Assure the fibers are well dispersed and prevent fiber balling during production. After introduction of all other ingredients, add the plastic concrete and mix the plastic concrete for at least 4 minutes or for 50 revolutions at standard mixing speed.

Measurement and Payment

No separate payment will be made for substitution of macro-fiber synthetic reinforcement for the steel reinforcing. The price bid for the precast units will be full compensation for furnishing and incorporating the macro-fiber synthetic reinforcement.

FAA REQUIREMENTS:

(SPECIAL)

This project lies just underneath approach, departure, and circling airspace for the Kinston Regional Jetport. Obstructions to airspace are a serious consideration. The Contractor is notified that certain FAA provisions apply.

The Contractor shall not use any means or measure which will cause a temporary obstruction (such as cranes and soil or equipment stockpiles) whereby any component of the obstruction is higher than 188 feet above mean sea level. Before extending/raising any crane for the first time at each usage site, the Contractor shall verify crane setup (with regard to elevations) with the Engineer and obtain approval to extend/raise the trestle or boom.

At all times while on site, all cranes, equipment, or temporary stockpiles taller than 50-feet in height shall be outfitted with an operational FAA-approved obstruction warning light system that engages automatically (photosensitive switch) each night.. The Contractor shall submit proof that the system is FAA-approved, that power systems are operational, and that two replacement bulbs are on site prior to the equipment being allowed to be used or extend vertically on site. Reference: FAA Advisory Circular 150/5345-43.

Unless otherwise approved in writing by NCDOT, the Contractor shall not locate any component of a borrow pit within 10,000 feet of the end of any runway at Kinston Regional Jetport. The Contractor shall be responsible for meeting all conditions required by the FAA for the temporary works and equipment.

All costs incurred by the Contractor in complying with all FAA and Kinston Regional Jetport requirements shall be included in the prices bid for the various pay items and no additional payment will be made.

LUMP SUM GRADING

SPI 2-1

Lump sum grading shall be performed in accordance with Section 226 Comprehensive Grading of the 2006 Standard Specifications except as follows:

Delete all references to Section 225, Undercut Excavation.