



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

April 30, 2013

Addendum No. 1

RE: Contract ID C203087

WBS # 34416.3.4

State Funded

Cumberland, Sampson Counties (R-2303B) (Proposal No. 2)

NC-24 From SR-1853 (John Nunnery Road) In Cumberland County To
SR-1404 (Dowdy Road) In Sampson County

May 21, 2013 Letting

To Whom It May Concern:

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

The first page of the Table of Contents has been revised to reflect the below noted provision being added. Please void the first page of the Table of Contents in your proposal and staple the revised page thereto.

On Page No. 32 and on New Page Nos. 32A thru 32B the project special provision entitled "Field Office (Lump Sum)" has been added. Please void Page No. 32 in your proposal and staple the revised Page No. 32 and new Page Nos. 32A thru 32B thereto.

Page Nos. 75 thru 77 has been revised to add a statement concerning stockpiling meters and hydrants to the project special provisions for "Utility Construction". Please void Page Nos. 75 thru 77 in your proposal and staple the revised Page Nos. 75 thru 77 thereto.

On the item sheets the following pay item quantities have been revised, added or deleted:

<u>Item</u>	<u>Description</u>	<u>Old Quantity</u>	<u>New Quantity</u>
054-1110000000-E-510	Stabilizer Aggregate	20,000 TON	1,000 TON
246-0000700000-N-SP	Field Office	NEW ITEM	LUMP SUM
236-8365000000-E-450	HP 12X53 Galvanized Steel Piles	14,990 LF	DELETED
236-8384200000-E-450	HP 14X73 Galvanized Steel Piles	NEW ITEM	14,990 LF

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

TELEPHONE: 919-707-6900
FAX: 919-250-4119

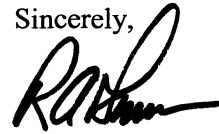
WEBSITE: www.NCDOT.GOV

LOCATION:
CENTURY CENTER COMPLEX
ENTRANCE B-2
1020 BIRCH RIDGE DRIVE
RALEIGH NC 27610

The Contractor's bid must be based on these revised pay item quantities and new pay items. The contract will be prepared accordingly.

The Expedite File has been updated to reflect these revisions. Please download the Expedite Addendum File 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. Ron Hancock, PE
Mr. Greg Burns, PE
Ms. Karen Fussell, PE
Ms. D. M. Barbour, PE
Mr. J. V. Barbour, PE
Mr. R.E. Davenport, PE
Mr. John Pilipchuk, PE
Ms. Lori Strickland

Mr. Ray Arnold, PE
Ms. Natalie Roskam, PE
Ms. Penny Higgins
Ms. Jaci Kincaid
Mr. Ronnie Higgins
Mr. Larry Strickland
Ms. Marsha Sample
Project File (2)

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STATE HIGHWAY ADMINISTRATOR TITLE CHANGE:

(9-18-12)

SPI G185

Revise the *2012 Standard Specifications* as follows:

Replace all references to “State Highway Administrator” with “Chief Engineer”.

FIELD OFFICE (Lump Sum):

(6-1-07)

SPI 8-1

Description

This work consists of furnishing, erecting, equipping, and maintaining a field office for the exclusive use of Department Engineers and Inspectors at a location on the project approved by the Engineer. Provide a field office that complies with the current ADA Design and Accessibility Standards, the National Electric Code, local, state, and federal regulations, and the following requirements.

Procedures

The field office and equipment will remain the property of the Contractor upon completion of the contract. The field office shall be separated from buildings and trailers used by the Contractor and shall be erected and functional as an initial operation. Failure to have the field office functional when work first begins on the project will result in withholding payment of the Contractor's monthly progress estimate. The field office shall be operational throughout the duration of the project and shall be removed upon completion and final acceptance of the project.

Provide a field office that is weatherproof, tightly floored and roofed, constructed with an air space above the ceiling for ventilation, supported above the ground, has a width of at least 10 feet, and the floor-to-ceiling height that is at least 7 feet 6 inches. Provide inside walls and a ceiling constructed of plywood, masonite, gypsum board, or other suitable materials. Have the exterior walls, ceiling, and floor insulated.

Provide a field office with at least 500 square feet of floor space and that is equipped with the following:

<u>Number</u>	<u>Item</u>
1	Double-pedestal desk (approximately 60 by 34 inches, at least 2,000 square inches).
1	Plan and drafting table (approximately 30 by 96 inches) with adjustable stool.
1	Computer table at least 48 by 30 by 29 inches.
1	Plan rack for 24 by 36 inch drawings with 6 plan clamps.
1	Printing calculator.
2	2-drawer fire protection file, 15 inch drawer width, minimum UL rating of Class 350.
6	Office chairs with at least two chairs having casters.
2	Wastebaskets.
1	Pencil sharpener.

- 1 Copy machine (8 inch x 11 inch copies)
- 1 Telephone.
- 1 Fax Machine.
- 1 Answering machine.

Windows and Doors

Provide a field office with at least three windows with blinds, each having an area of at least 540 square inches, capable of being easily opened and secured from the inside and having at least two exterior passage doors. Provide doors at least 30 inches in width and 78 inches in height. Provide screens for windows and doors. Equip exterior passage doors with locks, and furnish at least two keys to the Engineer.

Steps

Provide accessibility in compliance with the current ADA Design and Accessibility Standards, and the State Building Code and maintain them free from obstructions.

Storage Facility For Nuclear Gage

Furnish the field office with an outside storage facility for the Department's nuclear gage. The storage facility shall not be located within 10 feet of any other structure including the field office.

Lighting, Heating, and Air Conditioning

The field office shall have satisfactory lighting, electrical outlets, heating equipment, an exhaust fan, and an air conditioner connected to an operational power source. Provide at least one of the light fixtures that is a fluorescent light situated over the plan and drafting table. Furnish electrical current and fuel for heating equipment.

Fire Extinguishers

Furnish and maintain one fire extinguisher for each required exterior passage door. Fire extinguisher may be chemical or dry powder. UL Classification 10-B:C (minimum), suitable for Type A:B:C: fires. Mount and maintain fire extinguishers in accordance with OSHA Safety and Health Standards.

Toilets

Provide a toilet conforming to the requirements of the state and local boards of health or other bodies or courts having jurisdiction in the area. When separate facilities for men and women are not available, place a sign with the words "Rest Room" (with letters at least 1 inch in height) over the doorway, and provide an adequate positive locking system on the inside of the doorway. Maintain responsibility for the water and sewer connections or the installation and connection of a water well and septic tank and drain field. These facilities shall conform to all local and state permits.

Utilities

Except for telephone service, make necessary utility connections, maintain utilities, pay utility service fees and bills, and handle final disconnection of utilities. Furnish a telephone in each field office and permit the work necessary to install it.

Storage Facility for Test Equipment

Provide the field office with a storage facility, separate from the office for storage of test equipment, other than the nuclear gage. Provide a facility that has at least 64 square feet of floor space, is weatherproof, tightly floored and roofed, and has a tamper resistant key operated lock.

Miscellaneous Items

The field office shall also include the following:

1. A certification that the office is free of asbestos and other hazardous materials.
2. A broom, dust pan, mop and bucket, and general cleaning supplies.
3. Provide and maintain an all weather parking area for six vehicles, including graveled access to the paved surface.

Measurement and Payment

Payment at the contract lump sum bid price for *Field Office* will be full compensation for all work covered by this provision including but not limited to furnishing, erecting, maintaining, and removing the field office as outlined in this provision.

Installation and service fees for the telephone will be paid for by the Department.

Payment will be made under:

Pay Item	Pay Unit
Field Office	Lump Sum

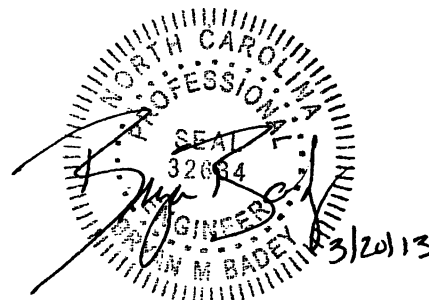
Revised 4-30-13

Project: R-2303B

County: Sampson

Prepared by:

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**FINAL PROJECT SPECIAL PROVISIONS**

Sampson County; Water Line Construction
 February 27,2013 - Revised March 20,2013.

GENERAL CONSTRUCTION REQUIREMENTS:**Specifications:**

The proposed utility construction shall meet the applicable requirements of the NC Department of Transportation "Standard Specifications for Roads and Structures" dated January 2012, Sampson County standard specifications and the provisions outlined below.

Contractor shall meet the installation standards of the AWWA or ASTM for water line construction.

Owner and Owner's Requirements:

The existing water mains are owned by Sampson County. The primary contact person for the County is Mr. Lee Cannady; office phone: (910) 592-0188. The contractor shall provide access for the owner's representatives to all phases of construction. The owner shall also be notified two (2) weeks prior to commencement of any work and one (1) week prior to service interruption. Interruption of water service on main lines shall be limited to a maximum of 4 hours during regular working hours unless approved otherwise by Sampson County Water Department.

It shall be the Contractor's responsibility to notify customers affected by necessary shut downs of the existing water system at least 24 hours in advance.

Only Sampson County Water Department personnel shall operate valves and hydrants except in the case of an emergency. Notify the County immediately of an emergency requiring valve or hydrant operation.

All removed water meters and fire hydrants shall be stockpiled by the Contractor in one area accessible for the owner to pick up.

Any cracked, damaged, or defective pipe, fittings, or other attachments discovered as a result of the pressure test, shall be removed and replaced with sound material. The tests shall be repeated until test results are satisfactory.

Revise the NCDOT 2012 "Standard Specifications for Roads and Structures" as follows:

Page 15-6, Sub article 1510-3 (A) Construction Requirements:

Follow the allowable leakage formula from the most current versions of AWWA C600 (for ductile iron pipe) or AWWA C605 (for PVC pipe). The allowable leakage formula is:

$$W=LD(P)Y^2 /148,000$$

For disinfection, use the "Continuous-Feed Method" as described in the most current version of AWWA C651, Section 4.4.3 and as directed in NCDENR "The Rules of Governing Public Water Systems", Section .1003. This method requires a solution of at least 50ppm chlorine to be introduced into the new pipe line and held for at least 24 hours. During this time, the residual concentration of chlorine shall remain at least 10ppm. If the chlorine concentration drops below 10ppm, the test shall be repeated. Collected samples shall be analyzed at a state approved laboratory and the result provided to the utility owner.

The testing, cleaning and sterilization shall be performed consecutively.

Utility Locations Shown on the Plans:

The locations, sizes, and type material of the existing utilities shown on the plans are from the best available information. The contractor will be responsible for determining the exact location, size, and type of material of the existing facilities necessary for the construction of the proposed utilities and to avoid damage to existing facilities. All water and sanitary sewer services disturbed during construction shall be reconnected, even if not shown on the plans. Contractor is to make the Engineer aware of any plan discrepancies.

Water line location in relation to sewers shall conform to NCDOT's 2012 "Standard Specifications for Roads and Structures" Section 1500-5 and NCDENR's "The Rules of Governing Public Water Systems" Section .0906.

Open Cut Installation:

All water line construction performed using open cut installation within or adjacent to traffic shall have the final approved traffic control measures in place prior to beginning any open cut installation.

Material Specifications:

When brand names of materials have been determined, the Contractor shall obtain approval, through the engineer and the owner prior to their use and/or installation.

Then Contractor shall furnish, but is not limited to furnishing, catalog cuts and/or shop drawings of the materials. Thirty days shall be allowed for the Engineer's review of each submittal. Eight copies of each catalog cut and/or shop drawing (signed and sealed) shall be submitted.

COMPENSATION:

No direct payment will be made for utility construction work required by the preceding provisions which are general requirements applying to utility construction, and all of the requirements stated will be considered incidental work, paid for at the previously agreed upon lump sum price.

1. Relocation of Water Booster Pump Station:

Contractor shall relocate the existing water booster pump station, portable generator and above ground propane storage tank. Prior to relocating the booster pump station the contractor shall clear and grub the new site than grade the site allowing a level area to place the relocated water booster pump station. The contractor shall construct a new concrete pad at least 4 inches thick with 4 inch of No. 67 stone as a base. The concrete pad shall match the dimension of the existing pad in length and width. The concrete shall be 3,000 psi concrete and the openings for the water line connections shall be formed prior to pouring the concrete. All water line connections to the booster pump station shall be preliminarily fitted together, making sure all connections are sizes properly and aligned to match up with the booster pump station pipes and fittings. All electrical work shall be performed by a licensed electrician in the State of North Carolina. Contractor shall coordinate with the power company to provide a new service pole with area light and a connection to the relocated meter box. Contractor shall reconnect all require electrical connection to the booster pump station and generator. Finally the contractor shall fence the new boost pump station site with galvanized chain link fence and a gate for access which matches the existing fence around the water booster pump station site.

Relocation of Water Booster Pump Station installed in accordance with the plans and provisions herein and accepted, will be measured and paid for at the contract lump sum price for "Relocation of Water Booster Pump Station". Such prices and payments will be full compensation for all materials, labor, equipment, excavation and incidentals necessary to complete the work as required.