



STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

MICHAEL F. EASLEY
GOVERNOR

LYNDO TIPPETT
SECRETARY

January 10, 2007

Addendum No. 1

RE: Contract ID: C201144
WBS# 34934.3.3
Wake County (U-3344A)
SR-3015 (Airport Blvd.) From NC-54
to McCrimmon Parkway at Morrisville

January 16, 2007 Letting

To Whom It May Concern:

Reference is made to the Plans and Proposal form recently furnished to you on this project.

The following revisions has been made to the proposal form:

On Page No. 51 and 52 the "Utility Construction" provisions have been revised. Please void Page No. 51 and 52 in your proposal and staple the revised Page No. 51 and 52 thereto.

The following revisions have been made to the Roadway plans:

On Sheet TCP-8, the notes have been revised to eliminate the note indicating to "see subsurface plans". Please void Sheet TCP-8 in your plans and staple the revised Sheet TCP-8 thereto.

On Sheet EC-7, the Culvert Phasing Notes were revised to eliminate the requirement to extend the existing 66" Pipe. Please void Sheet EC-7 in your plans and staple the revised Sheet EC-7 thereto.

Sincerely,

A handwritten signature in black ink, appearing to read "R. A. Garris".

R. A. Garris, PE
Contract Officer

RAG/jag/blr

MAILING ADDRESS:
NC DEPARTMENT OF TRANSPORTATION
DESIGN SERVICES UNIT
1591 MAIL SERVICE CENTER
RALEIGH NC 27699-1591

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

WEBSITE: WWW.DOH.DOT.STATE.NC.US

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

Page 2

January 10, 2007

RE: Contract ID: C201144

WBS# 34934.3.3

Wake County (U-3344A)

SR-3015 (Airport Blvd.) From NC-54
to McCrimmon Parkway at Morrisville

Attachment

cc: Mr. W. S. Varnedoe, PE
Mr. E. C. Powell, PE
Mr. J. W. Bowman, PE
Ms. D. M. Barbour, PE
Mr. Art McMillan, PE
Mr. Victor Barbour, PE
Mr. Stuart Bourne, PE
Mr. Mark Staley (2)
Mr. Robert Memory
Mr. R. E. Davenport, Jr., PE
Ms. Norma Smith
Ms. Marsha Byrd
Mr. Ronnie Higgins
Ms. Taylor Mishoe
Project Files (2)

necessary for the construction of the proposed utilities and to avoid damage to existing facilities.

NOTE: The Contractor is advised that extreme caution must be exercised when working around the existing gravity sanitary sewer located near the reinforced concrete box culvert at approximate Station 35+50 -L-. The existing gravity line shall be bedded to the top of the pipe before construction of the culvert begins. The existing sanitary sewer must stay in service during the life of the project.

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 contract unit prices of the various utility items included in the contract.

1. RELOCATE EXISTING WATER METER:

All existing water meters that are to be permanently relocated shall be relocated as shown on the utility construction plans or as directed by the Engineer.

Relocation of existing water meters shall consist of removing the existing water meter and associated piping, to include the existing vault or meter box/vault, and reinstalling the water meter at the new location shown on the Utility Construction Plans. The relocated water meter shall be installed in a new meter box, and connected to new piping from the water main. The new piping shall include necessary fittings, corporation stop (if required), and associated service piping (PVC or copper), all of which will be paid for elsewhere in the contract.

The quantity of water meters relocated and accepted will be measured and paid for at the contract unit price each for "Relocate Existing Water Meter". Such price and payment will be full compensation for all labor and materials, new box/vault, excavation, removal and relocation of the assembly, removal and disposal of the existing box/vault, backfilling, and incidentals necessary to complete the work as required.

2. RELOCATE EXISTING FIRE HYDRANT:

All existing fire hydrants that are impacted by construction and are to be permanently relocated, shall be relocated as shown on the utility construction plans or as directed by the Engineer.

Where necessary, the hydrant shoe shall be removed and replaced with the appropriate type to connect the relocated hydrant to the new pipe. Hydrant extension pieces shall be furnished and installed or removed to provide the proper bury depth of the pipe and the hydrant. New piping shall include

necessary fittings (if required), restraint and associated appurtenances, all of which will be paid for elsewhere in the contract. The owner shall have the option of providing a new or refurbished hydrant for the contractor to install and take possession of the existing hydrant.

The quantity of existing fire hydrants to be relocated and accepted will be measured and paid for at the contract unit price each for "Relocate Existing Fire Hydrant". Such price and payment will be full compensation for all labor and materials, excavation, removal and relocation of the existing hydrant, backfilling, and incidentals necessary to complete the work as required.

3. DOUBLE DETECTOR CHECK VALVE ASSEMBLY & VAULT:

Double detector check valve assembly and vault shall be installed in accordance with the applicable utility provision herein, as shown in the utility plans, and/or as directed by the Engineer.

Double detector check valve assembly shall consist of the following: flange adapters, 2-8" Gate Valves, 1-8" double detector check valve with bypass assembly and necessary fittings as noted on the details, utility construction plan sheet UC-5..

Flange adapters shall conform to ASTM A536, Grade 65-45-12, and the flange joint ends shall conform to ANSI B16.1, Class 125.

Gate valves shall conform to ANSI/AWWA C500 for iron body, bronze mounted, double disc, parallel seat type valves. Gate valves shall have outside screw and yoke with a hand wheel and shall open counterclockwise. Gate valves shall have flanged joint ends conforming to ANSI B16.1, Class 125.

Double detector check valve shall conform to AWWA C506 for iron body, flange joints conforming to ANSI B16.1 Class 125, bronze seats with two independent spring load pop-type check valves assemblies mounted in a common body.

The size and general configuration of the double detector check valve shall match the existing assembly and is considered a "replacement in kind".

Galvanized steel pipe shall conform to the requirements of ASTM A53. The pipe shall be Schedule 40, with wall thickness specified for size in Table X2.2 of ASTM A53, and shall be furnished butt-welded. Both ends of the pipe shall be marked as specified in ASTM A53. This type of pipe shall be assembled with galvanized malleable iron fittings made from cupola malleable iron conforming to