STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

PAT MCCRORY
GOVERNOR

ANTHONY J. TATA
SECRETARY

May 1, 2014

Addendum No. 1

Contract No.:	C 203544
Project:	17BP.8.R.58
County :	Hoke, Montgomery, Richmond and Scotland Counties
Project Description:	Thirteen (13) Bridge Replacements in Division 8

RE: Addendum No. 1 to Final RFP

May 20, 2014 Letting

To Whom It May Concern:

Reference is made to the Final Request for Proposals dated April 17, 2014 recently furnished to you on the above project. We have since incorporated changes, and have attached a copy of Addendum No. 1 for your information. Please note that all revisions have been highlighted in gray and are as follows:

Page No. 58 of the *Geotechnical Engineering Scope of Work* has been revised. Please void Page No. 58 in your proposal and staple the revised Page No. 58 thereto.

If you have any questions or need additional information, I can be reached by telephone at (919) 707-6900.

Sincerely,

R.A. Garris, P.E.
Contract Officer

RAG/jjl

Attachments

cc: Mr. Rodger Rochelle, PE
Ms. Virginia Mabry
Mr. Rob Stone, PE
Ms. Teresa Bruton, PE

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

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

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

- Plan View of boring locations and any other significant topographic features
- gINT boring logs
- gINT core logs (if applicable)
- Cross sections if drilled pier foundations will be used
- AASHTO soil test results for both disturbed and undisturbed samples
- Rock test results summary chart

The Design-Build Team shall provide the final Subsurface Investigation Report in electronic and hardcopy format to the NCDOT for its records.

A minimum of 2 standard penetration test (SPT) / rock core borings shall be required per bent for all bridges in non-Coastal Plain Provinces and for all bents with drilled piers. A minimum of 1 standard penetration test (SPT) / rock core boring shall be required per bent for all bridges in the Coastal Plain Province except as noted above. All borings must be located within 25 feet of the center of each bent to satisfy this requirement. No boring may be used for the foundation design of more than one bent. All borings shall extend to a depth below the foundation element required to show a complete subsurface profile with rock core required for drilled piers tipping on or in hard rock. The Department will provide at least 2 borings per bridge site to the Design-Build Team. The Design-Build Team shall be responsible for obtaining the borings noted above for all bents where subsurface information is not sufficient or is warranted by variability in the geology unless the prequalified geotechnical firm submits documented justification that the subsurface investigation provided by the NCDOT is adequate for design purposes and the justification is acceptable to the Department. Any deviations to the requirements noted above shall require acceptance from the NCDOT Geotechnical Engineering Unit prior to construction.

The maximum spacing between borings for retaining walls shall be 200 feet, with a minimum of two borings; one at each end of the wall. Drill borings for retaining walls a minimum depth below the bottom of the wall equal to twice the maximum height of the wall.

The Design-Build Team is permitted to design bridges on this project using software that accounts for the structural effects of soil / pier interaction.

II. DESCRIPTION OF WORK:

The Design-Build Team shall design foundations, embankments, slopes, and retaining walls in accordance with the current edition of the AASHTO *LRFD Bridge Design Specifications*, NCDOT *LRFD Driven Pile Foundation Design Policy*, *Sub Regional Tier Design Guidelines for Bridge Projects* dated February 2008 as applicable, all applicable NCDOT Geotechnical Engineering Unit Standard Provisions, NCDOT *Structures Management Manual*, and NCDOT *Roadway Design Manual*. The NCDOT *LRFD Driven Pile Foundation Design Policy* is located on the NCDOT Geotechnical Engineering Unit's website at:

https://connect.ncdot.gov/resources/Geological/Pages/Geotech_Requirements_References.aspx