

**ADDENDUM NO. 3  
TO  
NC DATA CAMPUS – PHASE B  
CATAWBA COUNTY, NORTH CAROLINA**

This Addendum No. 3 is issued this **26<sup>th</sup> day of February, 2016** to all parties who hold a set of Bidding Documents for the project entitled “NC Data Campus – Phase B, Catawba County, North Carolina”. This Addendum No. 3 shall become part of the Contract Documents and its receipt acknowledged on the Bidding Documents at the time of bidding.

**REMINDERS**

1. Bidders should refer to the McGill Associates bid line for current plan holders’ lists and other pertinent information regarding the bid. The website address is [www.mcgillbidline.com](http://www.mcgillbidline.com).
2. Bids will be accepted until 2:00 pm local time on March 1, 2016 at the Catawba County Government Center (100A South West Boulevard Newton, North Carolina 28658) in the second floor meeting room.

**CLARIFICATIONS**

1. **RCP Pipe**

All RCP pipe joints shall utilize a flexible plastic gasket in accordance with NCDOT 1032-6.

**CHANGES TO THE CONTRACT SPECIFICATIONS**

2. **Section 334100 Storm Drainage Materials**

Replace Article 2.3 A in its entirety with the following:

“Reinforced Concrete Pipe: ASTM C-76, Class III, with Wall Type B, and AASHTO M170, except as modified by NCDOT 1032-6.”

**ATTACHMENTS**

1. Bidder Questions & Responses

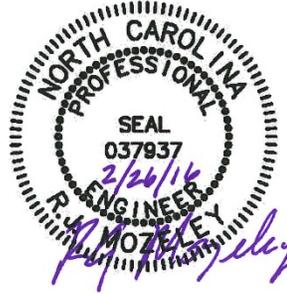
This Addendum No. 3 is issued this the 26<sup>th</sup> day of February, 2016.

RJ MOZELEY, PE



**Engineering • Planning • Finance**

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**END OF ADDENDUM NO. 3**

## **BIDDER QUESTIONS & RESPONSES**

A. Question/Request: What is the current status of the area to be cleared?

**Answer: The majority of the site is currently open fields with a few small groups of trees. Contractors are strongly encouraged to visit the site prior to bidding to ascertain the existing site conditions for themselves.**

B. Question/Request: Is there an Engineers Estimate of probable Construction Cost?

**Answer: Yes, the engineer's estimate is \$2.9 million.**

C. Question: Will AutoCAD files of the project design be available to Bidders?

**Answer: Yes, after a plan holder requests the subject files and successfully executes McGill Associates' Agreement for Provision of Electronic Data an AutoCAD file of the project will be provided.**

D. Question/Request: Will a list of attendees be distributed?

**Answer: Yes, a list of the attendees for the pre-bid meeting will be distributed with Addendum No. 1**

E. Question/Request: Who will be handling the Erosion and Sediment control inspections for the project?

**Answer: The Land Quality Section of NCDEQ will be performing inspections for the project.**

F. Question/Request: Is the pre-bid meeting mandatory?

**Answer: No, the bid documents will be modified in Addendum No. 1 to reflect that the pre-bid meeting was not mandatory.**

G. Question/Request: How soon will the project's construction phase begin?

**Answer: Mr. Mozeley estimated that the project's award and Notice to Proceed would be processed relatively quickly (likely within 60 days barring any unforeseen issues with the bids). Mr. Mozeley added that grant funding is in place for the project so there should be no delays in the construction phase for funding. Mr. Mozeley also directed attendees to check the Bidding Documents for the duration of the bid hold period following the close of bids.**

H. Question/Request: The quantities of undercut seem to be excessive, are they correct?

**Answer: Mr. Seaman stated that review of the bid quantities were already under review and would be modified in Addendum No. 1.**

- I. Question/Request: Do we understand correctly that all material removed during the project's work can remain on site, and that no specific waste is required?

**Answer: Yes, based on the information we have at this time, there is no designated waste area and all unsuitable excavation materials can be disposed of on site in non-structural areas with prior approval from the Engineer.**

- J. Question/Request: Will polypropylene drainage pipe be accepted as a substitute material for the drainage system?

**Answer: No.**

- K. Question/Request: It appears that the existing binder course is not uniform throughout the Phase A project area which may require more than 1.5" of finished asphalt. Will the bid units be modified?

**Answer: No, unit pricing for asphalt will remain as a price per square yard. Any adjustments necessary to match grade lines due to minor thickness variations shall be incorporated into the unit price.**

- L. Question/Request: Please confirm replacement borrow / select backfill will come from an on-site source? Will you provide a maximum distance from the work area for us to assume these areas?

**Answer: Select backfill (as defined by the contract documents and paid for at the contract unit price for Select Backfill) shall be obtained from an onsite source, within the limits of disturbance, as needed.**

**Borrow material (as required to achieve grades shown on the Contract drawings and paid for at the contract unit price for Earthwork) shall be obtained from an onsite source within the limits of disturbance.**

**Contractor shall coordinate with Owner/Engineer for approval of location, depth, etc. prior to removing material for select backfill or borrow material from onsite areas.**

- M. Question/Request: Please confirm that any waste/excess dirt will be disposed of (stockpiled) at a location on-site. Will you provide a maximum distance from the work area for us to assume?

**Answer: Unsuitable material (not defined by the contract documents as Undercut shall be paid for at the contract lump sum price for Earthwork) shall be wasted onsite within the limits of disturbance.**

**Excess dirt from grading operations (as required to achieve grades shown on the Contract drawings and paid for at the contract unit price for Earthwork) shall be disposed of onsite within the limits of disturbance.**

**Contractor shall coordinate with Owner/Engineer for approval of location, depth, etc. prior to wasting excess dirt from grading operations or unsuitable material in onsite areas. Material disposed of on-site prior to engineer approval will have to be removed at the Contractor's expense.**

- N. Question/Request: Please confirm that both duct banks A & B are to be backfilled with concrete.

**Answer: Both duct banks shall be encased in concrete per the duct bank detail on Sheet E-501.**

- O. Question/Request: Please confirm that no wire/fiber is to be included in either duct banks A or B.

**Answer: Confirmed, no wire or fiber shall be included with this project.**

- P. Question/Request: Are we to include pull wire in each conduit for duct banks A & B?

**Answer: Yes, pull wire shall be installed in each conduit.**

- Q. Question/Request: Are electrical specifications available for the duct bank installation?

**Answer: Specifications for duct bank work are provided on the electrical plan sheets.**

- R. Question/Request: The Geotech report suggests we may be able to use the "plow zone" farming soils as structural fill for the project. Should we assume this is the case?

**Answer: Acceptability for use as fill shall be determined by soils testing at the time of the project when earthwork begins and shall be handled in accordance with the contract documents.**

- S. Question/Request: Are we to assume respreading the entire volume of topsoil, or only the amount required to achieve a certain thickness over the slopes and non-structural areas? If the latter, what thickness should we assume? If there is excess topsoil it remains on-site, either placed in non-structural areas or stockpiled?

**Answer: Topsoil shall be stock piled and respread over slopes and non-structural areas to an approximate thickness of 4". Excess topsoil, following respreading shall be wasted onsite and coordinated with Owner/Engineer for approval of location, depth, etc. prior to placing.**

- T. Question/Request: Will MH & CH classified soils be acceptable for use as structural fill?

**Answer: Acceptability for use as fill shall be determined by soils testing at the time of the project when earthwork begins and shall be handled in accordance with the contract documents.**

- U. Question/Request: Will unsuitable soils (soils that do not meet soil classification requirements and/or do not meet the minimum soil weight of 100 lbs/cf) encountered within the excavation volume be paid for as Undercut?

**Answer: Unsuitable material not defined by the contract documents as Undercut shall be paid for at the contract lump sum price for Earthwork and shall be wasted onsite within the limits of disturbance.**

- V. Question/Request: If any soil encountered is so wet that it cannot be dried by mechanical means (i.e. repeated disking / recompacting), and lime drying is required, will this be negotiated and paid extra? Or are Bidders to assume lime drying in our bid?

**Answer: Contractor shall determine the appropriate methods to use to manage materials that have moisture content that exceed proctor limits and shall incorporate any costs into the lump sum price for earthwork.**

- W. Question/Request: Is there a landscaping plan for the Wet Ponds?

**Answer: A planting detail and planting schedule is provided on Sheet C-508, which has been incorporated into the contract set of drawings through Addendum No. 2.**

- X. Question/Request: What are the details for the mulch trail to be provided around Wet Pond #1?

**Answer: No mulch trail is required, the note on Sheet C-114 has been revised as part of Addendum No. 2**

- Y. Question/Request: What is the intended purpose of scarifying the bottom of the wet ponds to a depth of 18"? Is this done before or after applying bentonite? How is the bentonite incorporated? Are there any reports that show infiltration rates of the current soils?

**Answer: As indicated on Sheets C-114 & C-115 the bottom of the pond shall be scarified to a depth of 18" and compacted to 95% standard proctor. This is to ensure proper compaction of the bottom of the pond following drying and the removal of sediment that has accumulated during its use as a temporary skimmer basin during construction. While scarifying and compacting the bottom of the pond, bentonite can be mixed into the top 8"-10" of material and compacted to 95%. There are currently no infiltration rates of existing soils on-site. Contractors are encouraged to consult local suppliers or manufacturers to determine application rates of bentonite to achieve the desired infiltration rate shown on Sheets C-114 & C-115.**

Z. Wet Pond # 2 description of payment on the plan detail includes an access road, what should be in the work to construct the access road? Is stone required?

**Answer: Access road will be seeded for stabilization and graded, as shown by the contours in the Contract Drawings.**

AA. Question/Request: Would Consideration be given to alter the Outlet Control Structure in Wet Ponds to allow them to be set/erected during construction of the skimmer basin?

**Answer: No.**

BB. Question/Request: Is the unit price for SC150 matting all inclusive, covering the various temporary ditches and slopes as required?

**Answer: The unit price for Item 11 shall only be for permanent slopes as described in Section 013000 – Measurement & Payment. Matting for permanent ditches shall be paid for under the work Item 12a added as part of Addendum No. 2. Matting associated with temporary ditches and erosion control shall be paid for under work Item 3 – Erosion Control Measures.**

CC. Question/Request: Plan details show silt fence outlets. None are shown on the erosion control plan. Do you have an estimated quantity?

**Answer: Silt fence outlets shall be located at low points of continuous runs or at any point where flow may overtop the sediment fence such as natural depressions or swales. Contractor shall estimate the total quantity required and incorporate any costs into the Erosion Control Measures unit price.**

DD. Question/Request: Rip rap check dams are mention in the measurement and payment description and a special silt fence detail is provided, what are the estimated quantities or both:

**Answer: Neither are required.**

EE. Question/Request: Are Bidders allowed to test dig the site?

**Answer: Yes, the Owner will allow test digging provided that the Bidder properly restore/mulch the areas which are disturbed before leaving the site.**

FF. Question/Request: Plans indicate both permanent and temporary slope drains with a detail only showing temporary slope drains. Is there a difference in type of pipe, size or construction of the two items?

**Answer: Permanent slope drains shall be constructed in the same manner as temporary slope drains and shall be the size indicated on C-112.**

GG. Question/Request: Are skimmer basins to have rip rap spillways or to be constructed using the impervious liner according to the detail? Can you provide spillway dimensions?

**Answer: Skimmer basins shall have a rip rap emergency spillway with geotextile fabric underlayment in the dimensions shown on drawings C-107 & C-108.**

HH. Question: Do curb inlets in traffic bearing locations need to be solid wall precast concrete structures?

**Answer: Yes, all precast concrete structures in traffic bearing locations shall be solid wall, as shown on C-504.**