

**MEMORANDUM**

Date: October 21st, 2019

To: Bidders for:  
Lake Norman State Park – Campground Expansion & Improvements  
State Park Rd, Troutman, NC 28116

From: Shane Elliott, Assoc. AIA, LEED AP  
Mathews Architecture, P.A.

Re: **ADDENDUM NO. 2**  
**Agency: NCDNCR- North Carolina Department of Natural and Cultural Resources**  
**Project: Lake Norman State Park – Campground Expansion & Improvements**  
**State ID#: 16-14408-01A**

The attached is Addendum No. 2, which includes additions, deletions, modifications, and/or clarifications to the above referenced Project Documents released for bids and dated October 1st, 2019. Please incorporate this into your Bid Documents upon receipt and sign the “Form of Proposal” acknowledging receipt of Addendum No. 2.

**ARCHITECTURAL ADDENDUM ITEMS**

**ITEM NO. A- 1**

Wall Section 6/A4-2 references “polished concrete” for the floor slab. The concrete finish is to a light broom finish in lieu of polishing.

**ITEM NO. A-2**

Typical wall sections graphically depict foundation drains beside typical footings. Drains may be placed on top of footing to avoid any unnecessary forming of concrete.

**ITEM NO. A-3**

“DRYLOCK” Powdered Masonry Waterproofer by United Gilsonite Laboratories is an approved equal for the product requirements of specification section 099726 Cementitious Coatings.

**CIVIL ADDENDUM ITEMS**

**ITEM C-1**

See revised Form of specification section "Form of Proposal" for updated Unit Prices for replacement of existing utilities.

**ITEM C-2**

See updated specification section "012200 Unit Prices" for updated Unit Prices for replacement of existing utilities.

**STRUCTURAL ADDENDUM ITEMS**

**ITEM S-1**

Timber roof trusses to have a maximum uplift force of 650 pounds. For the lateral load, the maximum load is 450 pounds.

**ITEM S-2**

Typical cabin roof decking is 2x6 T&G decking per specification section 061516. Roof overhang dimensions to be per Roof Plan, 3/A4-1.

Please reply to Mathews Architecture, P.A. within three business days to report any errors or discrepancies.

**Attached:**

Form of Proposal\_101819

Unit Prices\_101819

[End of Addendum]

# FORM OF PROPOSAL

Lake Norman State Park- Campground Expansion & Improvements

NC Dept. of Natural and Cultural Resources  
16-14408-01A

Contract: \_\_\_\_\_  
Bidder: \_\_\_\_\_  
Date: \_\_\_\_\_

The undersigned, as bidder, hereby declares that the only person or persons interested in this proposal as principal or principals is or are named herein and that no other person than herein mentioned has any interest in this proposal or in the contract to be entered into; that this proposal is made without connection with any other person, company or parties making a bid or proposal; and that it is in all respects fair and in good faith without collusion or fraud. The bidder further declares that he has examined the site of the work and the contract documents relative thereto, and has read all special provisions furnished prior to the opening of bids; that he has satisfied himself relative to the work to be performed. The bidder further declares that he and his subcontractors have fully complied with NCGS 64, Article 2 in regards to E-Verification as required by Section 2.(c) of Session Law 2013-418, codified as N.C. Gen. Stat. § 143-129(j).

The Bidder proposes and agrees if this proposal is accepted to contract with the

**NC Dept. of Natural and Cultural Resources**

in the form of contract specified below, to furnish all necessary materials, equipment, machinery, tools, apparatus, means of transportation and labor necessary to complete the construction of

**Lake Norman State Park- Campground Expansion & Improvements**

in full in complete accordance with the plans, specifications and contract documents, to the full and entire satisfaction of the State of North Carolina, and the

**North Carolina State Construction Office and Mathews Architecture, P.A.**

with a definite understanding that no money will be allowed for extra work except as set forth in the General Conditions and the contract documents, for the sum of:

**SINGLE PRIME CONTRACT:**

Base Bid: \_\_\_\_\_ Dollars(\$)

General Subcontractor:  
\_\_\_\_\_ Lic \_\_\_\_\_

Plumbing Subcontractor:  
\_\_\_\_\_ Lic \_\_\_\_\_

Mechanical Subcontractor:  
\_\_\_\_\_ Lic \_\_\_\_\_

Electrical Subcontractor:  
\_\_\_\_\_ Lic \_\_\_\_\_

GS143-128(d) requires all single prime bidders to identify their subcontractors for the above subdivisions of work. A contractor whose bid is accepted shall not substitute any person as subcontractor in the place of the subcontractor listed in the original bid, except (i) if the listed subcontractor's bid is later determined by the contractor to be non-responsible or non-responsive or the listed subcontractor refuses to enter into a contract for the complete performance of the bid work, or (ii) with the approval of the awarding authority for good cause shown by the contractor.

**ALTERNATES:**

Should any of the alternates as described in the contract documents be accepted, the amount written below shall be the amount to be "added to" the base bid.

**GENERAL CONTRACT:**

Alternate No. A-1    Camp Cabin "C1"

Add \_\_\_\_\_ Dollars(\$)

Alternate No. A-2    Camp Cabin "C2"

Add \_\_\_\_\_ Dollars(\$)

Alternate No. A-3    Camp Cabin "C3"

Add \_\_\_\_\_ Dollars(\$)

Alternate No. A-4    Camp Cabin "C4"

Add \_\_\_\_\_ Dollars(\$)

Alternate No. A-5    Camp Cabin "C5"

Add \_\_\_\_\_ Dollars(\$)

Alternate No. A-6    Camp Cabin "C6"

Add \_\_\_\_\_ Dollars(\$)

Alternate No. A-7    Camp Cabin "C7"

Add \_\_\_\_\_ Dollars(\$)

**UNIT PRICES**

Unit prices quoted and accepted shall apply throughout the life of the contract, except as otherwise specifically noted. Unit prices shall be applied, as appropriate, to compute the total value of changes in the base bid quantity of the work all in accordance with the contract documents. Refer to section 01300 for additional information regarding Measurements and Quantities.

**GENERAL CONTRACT:**

No. 1 Trench Rock Excavation cubic yards Unit Price (\$)                     

**GENERAL CONTRACT:**

No. 2 Mass Rock Removal cubic yards Unit Price (\$)                     

**GENERAL CONTRACT:**

No. 3 Undercut Excavation cubic yards Unit Price (\$)                     

**GENERAL CONTRACT:**

No. 4 Soil Replacement (offsite) cubic yards Unit Price (\$)                     

**GENERAL CONTRACT:**

No. 5 Soil Replacement (onsite ) cubic yards Unit Price (\$)                     

**GENERAL CONTRACT:**

No. 6 Offsite Borrow cubic yards Unit Price (\$)                     

**GENERAL CONTRACT:**

No. 7 Select Backfill cubic yards Unit Price (\$)                     

**GENERAL CONTRACT:**

No. 8 Concrete Paving cubic yards Unit Price (\$)                     

**GENERAL CONTRACT:**

No. 9 Topsoil / Soil Amendments cubic yards Unit Price (\$)                     

**GENERAL CONTRACT:**

No. 10 3/4" Water Piping 500 linear feet Unit Price (\$)                     

No. 11 1" Water Piping 500 linear feet Unit Price (\$)                     

No. 12 1.5" Water Piping 500 linear feet Unit Price (\$)                     

No. 13 2" Water Piping 500 linear feet Unit Price (\$)                     

No. 14 6" Sewer Piping 500 linear feet Unit Price (\$)                     

No. 15 8" Sewer Piping 500 linear feet Unit Price (\$)

The bidder further proposes and agrees hereby to commence work under this contract on a date to be specified in a written order of the designer and shall fully complete all work thereunder within the time specified in the Supplementary General Conditions Article 23. Applicable liquidated damages amount is also stated in the Supplementary General Conditions Article 23.

## **MINORITY BUSINESS PARTICIPATION REQUIREMENTS**

*Provide with the bid* - Under GS 143-128.2(c) the undersigned bidder shall identify **on its bid** (Identification of Minority Business Participation Form) the minority businesses that it will use on the project with the total dollar value of the bids that will be performed by the minority businesses. **Also** list the good faith efforts (Affidavit **A**) made to solicit minority participation in the bid effort. **NOTE:** A contractor that performs all of the work with its own workforce may submit an Affidavit (**B**) to that effect in lieu of Affidavit (**A**) required above. The MB Participation Form must still be submitted even if there is zero participation.

*After the bid opening* - The Owner will consider all bids and alternates and determine the lowest responsible, responsive bidder. Upon notification of being the apparent low bidder, the bidder shall then file within 72 hours of the notification of being the apparent lowest bidder, the following:

An Affidavit (**C**) that includes a description of the portion of work to be executed by minority businesses, expressed as a percentage of the total contract price, which is equal to or more than the 10% goal established. This affidavit shall give rise to the presumption that the bidder has made the required good faith effort and Affidavit **D** is not necessary;

**\* OR \***

If less than the 10% goal, Affidavit (**D**) of its good faith effort to meet the goal shall be provided. The document must include evidence of all good faith efforts that were implemented, including any advertisements, solicitations and other specific actions demonstrating recruitment and selection of minority businesses for participation in the contract.

**Note:** Bidders must always submit **with their bid** the Identification of Minority Business Participation Form listing all MB contractors, vendors and suppliers that will be used. If there is no MB participation, then enter none or zero on the form. Affidavit A or Affidavit B, as applicable, also must be submitted with the bid. Failure to file a required affidavit or documentation with the bid or after being notified apparent low bidder is grounds for rejection of the bid.

## Proposal Signature Page

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The undersigned further agrees that in the case of failure on his part to execute the said contract and the bonds within ten (10) consecutive calendar days after being given written notice of the award of contract, the certified check, cash or bid bond accompanying this bid shall be paid into the funds of the owner's account set aside for the project, as liquidated damages for such failure; otherwise the certified check, cash or bid bond accompanying this proposal shall be returned to the undersigned.

Respectfully submitted this day of \_\_\_\_\_

\_\_\_\_\_  
(Name of firm or corporation making bid)

WITNESS:

\_\_\_\_\_  
(Proprietorship or Partnership)

By: \_\_\_\_\_  
Signature

Name: \_\_\_\_\_  
Print or type

Title \_\_\_\_\_  
(Owner/Partner/Pres./V.Pres)

Address \_\_\_\_\_

ATTEST:

By: \_\_\_\_\_

Title: \_\_\_\_\_  
(Corp. Sec. or Asst. Sec. only)

License No. \_\_\_\_\_

Federal I.D. No. \_\_\_\_\_

Email Address: \_\_\_\_\_

(CORPORATE SEAL)

Addendum received and used in computing bid:

Addendum No. 1 \_\_\_\_\_ Addendum No. 3 \_\_\_\_\_ Addendum No. 5 \_\_\_\_\_ Addendum No. 6 \_\_\_\_\_

Addendum No. 2 \_\_\_\_\_ Addendum No. 4 \_\_\_\_\_ Addendum No. 6 \_\_\_\_\_ Addendum No. 7 \_\_\_\_\_

## **SECTION 012200 - UNIT PRICES**

### **PART 1: GENERAL**

#### **1.01 SECTION INCLUDES**

- A. List of unit prices, for use in preparing Bids.
- B. Measurement and payment criteria applicable to Work performed under a unit price payment method.

#### **1.02 COSTS INCLUDED**

- A. Unit Prices included on the Bid Form shall include full compensation for all required labor, supervision, products, tools, equipment, plant, transportation, offsite disposal, services and incidentals; erection, application or installation of an item of the Work including overhead and profit.

#### **1.03 UNIT QUANTITIES SPECIFIED**

- A. Quantities indicated in the [Bid Form](#) are for bidding and contract purposes only. Quantities and measurements of actual Work measured in place by third party testing agent will determine the payment amount.

#### **1.04 MEASUREMENT OF QUANTITIES**

- A. Measurement methods for unit price work as listed below. Work items that qualify as unit price work are listed in the specifications cited below. Contractor must have third party testing agent verify that work required meets the definition of the unit price item as described in the cited specification.
- B. Measurements of quantities of Unit Price Work will be completed by third party testing agent provided by Owner.
- C. Contractor may be required to provide survey personnel as required to determine limits of planned disturbance in unit price work situations.
- D. Contractor must notify Architect/ Engineer prior to starting any unit price work.
- E. Contractor's Responsibilities: Sign surveyor's OR Third party testing agents field notes and keep duplicate field notes.



## 1.05 PAYMENT

- A. Payment for Work governed by unit prices will be made on the basis of the actual measurements and quantities of Unit Price Work that is incorporated into the Work. Unit Price work measurements will only be accepted from the Owners third party testing agent.
- B. Payment will not be made for any of the following:
  - 1. Products wasted or disposed of in a manner that is not acceptable.
  - 2. Products determined as unacceptable before or after placement.
  - 3. Products not completely unloaded from the transporting vehicle.
  - 4. Products placed beyond the lines and levels of the required Work.
  - 5. Products remaining on hand after completion of the Work.
  - 6. Loading, hauling, and disposing of rejected Products.
  - 7. Any unit price work that is not verified and measured by the Owners third party testing agent.

## 1.06 SCHEDULE OF UNIT PRICES

### Unit Price 1: Trench Rock Excavation

- 1. Unit Price Work: Work associated with this unit price item shall consist of the removal and disposal of unsuitable materials and providing and placement of suitable backfill to replace the unsuitable material removed, as determined by the Engineer/ Third Party testing Agent.
- 2. Measurement: The quantity of "trench rock excavation" to be paid for will be by the cubic yard measured in place by the average end area method, based upon measurements made prior to and following excavation. Allowable trench width will be as described in the plan details for maximum trench width based on the size of the pipe being installed. Depth will be determined as six (6) inches below the invert of the pipe being installed.
- 3. Payment: Per Cubic Yard multiplied by Contract Unit Price as measured in place by the Owners third party testing agent.

### Unit Price 2: Mass Rock Removal

- 1. Unit Price Work: Work associated with this unit price item shall include but not limited to drilling, explosives, loading of drill holes, blasting, removal and disposal of rock in an Engineer approved location.
- 2. Measurement: The quantity of "mass rock removal" to be paid for will be by cubic yard measured in place by the average end area method OR signed survey of area prior to and following removal.
- 3. Payment: Per Cubic Yard multiplied by Contract Unit Price as measured in place by the Owners third party testing agent.

### Unit Price 3: Undercut Excavation

1. Unit Price Work: Work associated with this unit price item shall consist of the removal and disposal of unsuitable materials and providing and placement of suitable backfill to replace the unsuitable material removed, as determined by the Engineer.
2. Measurement: The quantity of "undercut unsuitable and backfill/remove offsite" to be paid for will be by cubic yard measured in place by the average end area method, based on measurements made prior to and following excavation.
3. Payment: Per Cubic Yard multiplied by Contract Unit Price as measured in place by the Owners third party testing agent.

### Unit Price 4: Removal offsite of unsatisfactory soil and replacement with satisfactory soil

1. Description: Unsatisfactory soil excavation and disposal off site and replacement with satisfactory fill material or engineered fill from off site, as required, according to Division 31 Section "Earth Moving."
2. Unit of Measurement: Cubic yard of soil excavated, based on survey of volume removed. The quantity of "undercut unsuitable and backfill/remove offsite" to be paid for will be by cubic yard measured in place by the average end area method, based on measurements made prior to and following excavation. The quantity measured will be paid for at the Contract price for "undercut unsuitable and backfill/remove offsite" Work associated with this line item shall consist of the removal and disposal of unsuitable materials and providing and placement of suitable backfill to replace the unsuitable material removed, as determined by the Engineer. The unit price bid per cubic yard of "undercut unsuitable and backfill/remove offsite" shall include all costs for excavation disposal, and providing the suitable backfill including all installation, excavation and hauling costs as well as all cost for the disposal of unsuitable material.

### Unit Price 5: Removal onsite of unsatisfactory soil and replacement with satisfactory soil

1. Description: Unsatisfactory soil excavation and disposal on site and replacement with satisfactory fill material or engineered fill from off site, as required, according to Division 31 Section "Earth Moving."
2. Unit of Measurement: Cubic yard of soil excavated, based on survey of volume removed. The quantity of "undercut unsuitable and backfill/ to remain onsite" to be paid for will be by cubic yard measured in place by the average end area method, based on measurements made prior to and following excavation. The quantity measured will be paid for at the Contract price for "undercut unsuitable and backfill/ to remain onsite". Work associated with this line item shall consist of the removal and disposal of unsuitable materials and providing and placement of suitable backfill to replace the unsuitable material removed, as determined by the Engineer. The unit price bid per cubic yard of "undercut unsuitable and backfill/ to remain onsite" shall include all costs for excavation disposal, and providing the suitable backfill including all installation, excavation and hauling costs as well as all cost for the disposal of unsuitable material onsite in an Engineer approved location.

Unit Price 6: Offsite Borrow.

3. Description: Offsite Borrow, beyond that shown on the plans for satisfactory imported fill material or engineered fill from off site, as required, according to Division 31 Section "Earthwork."
4. Unit of Measurement: Cubic yard of offsite borrow. Work included in this line item of payment shall include excavation and transportation as well as proper placement and compaction of additional select backfill. The contractor will be responsible for furnishing all equipment, labor, and material.

Unit Price 7: Select Backfill.

5. Description: Select backfill material to replace unsuitable material removed as a part of trench excavation as determined by the owner or Engineer. Select backfill material shall be from an approved source provided by the contractor, according to Division 31 Section "Earth Moving."
6. Unit of Measurement: The unit price bid shall include all cost for providing the select backfill material including all excavation and hauling costs as well as all cost for the removal and disposal of unsuitable material. Select backfill material shall be paid for at the Contract unit bid price for the total number of cubic yards installed in place. Total number of cubic yards shall be computed by the Engineer based upon the dimensions of the authorized area where select backfill is utilized. Sample unit price in "Unit Price No. 4" Paragraph below illustrates use of unit price to establish pricing for items that may otherwise become contentious when priced as individual change order units.

Unit Price No. 8: Concrete Paving

7. Description: Cast in place, cement concrete paving, according to Division 32 Section "Concrete Paving."
8. Unit of Measurement: Square foot of Concrete paving. The contractor will be responsible for furnishing all equipment, labor, and material for complete installation. Sample unit price with assigned unit cost in "Unit Price No. 5" Paragraph below illustrates an approach where no quantity allowance is included, but a reasonable assignment of anticipated cost is made based on current local rates. Owner may consider this approach to prevent unit prices from reflecting bidding strategy rather than actual costs.

Unit Price No. 9: Topsoil / Soil Amendments.

9. Description: Topsoil / Soil Amendments in addition to requirements called out in Division 32 Section "Soil Preparation" based upon final Agronomic Soil Fertility Analyses Report and Recommendations as determined by the owner or Landscape Architect. Select

topsoil / soil amendments material shall be from an approved source provided by the contractor, according to Division 32 Section "Soil Preparation."

10. Unit of Measurement: Cubic yard of Topsoil / Soil Amendments. The unit price bid shall include all cost for providing the select topsoil / soil amendments material.

Unit Price 10-13: Replacement of Existing Water Piping

1. Description: This item of work shall consist of furnishing and installing SDR 13.5 Water Line for the replacement of existing waterlines as directed by the Owner or the Engineer.
2. Unit of Measurement. The unit price shall include all labor, equipment, and materials necessary to complete the installation of SDR 13.5 water line per specifications provided within areas not under asphalt or concrete. Measurement shall be only for installation of pipe less than 8' deep. Payment shall be made at the contract unit price per linear feet based on the actual linear feet installed and accepted by the Engineer.

Unit Price 14-15: Replacement of Existing Sewer Piping

1. Description: This item of work shall consist of furnishing and installing DIP Sewer Line for the replacement of existing waterlines as directed by the Owner or the Engineer.
2. Unit of Measurement. The unit price shall include all labor, equipment, and materials necessary to complete the installation of DIP Sewer line per specifications provided within areas not under asphalt or concrete. Measurement shall include temporary and permanent seeding as needed to restore existing surface. Measurement shall be only for installation of pipe less than 8' deep. Payment shall be made at the contract unit price per linear feet based on the actual linear feet installed and accepted by the Engineer

END OF SECTION 012200

LAKE NORMAN STATE PARK - CAMPGROUND EXPANSION & IMPROVEMENTS

SCO#: 16-14408-01A CODE: 46614 ITEM: 4A17

**UNIT PRICES**

**012200 - 6**