

**ADDENDUM NUMBER THREE
RHODES POND DAM REPAIR
SCO (13-10039-02B)
NORTH CAROLINA WILDLIFE RESOURCES COMMISSION
CUMBERLAND COUNTY, NC**

This Addendum Number Three provides responses to Contractor questions for the project entitled "RHODES POND DAM REPAIR." This Addendum Number Three shall become part of the Contract Documents, and its receipt acknowledged on the Bid Documents at the time of bidding.

The following changes and clarifications shall be made to the Contract Documents:

I. Bid Due Date Change

Sealed proposals will be received by the North Carolina Wildlife Resources Commission in Raleigh, NC, in NCWRC Headquarters located at 1751 Varsity Drive, Raleigh, NC 27606 as detailed below up to 2:00 pm March 3, 2021.

Bid proposal must be submitted in one of the following ways:

- A. USPS to 1720 Mail Service Center, Raleigh, NC 27699 (ATTN: Brad Kleinmaier)
- B. UPS or FedEx to 1751 Varsity Drive, Raleigh, NC 27606 (ATTN: Brad Kleinmaier)
- C. Hand delivery on Wednesday, March 3, 2021 at 1751 Varsity Drive, Raleigh, NC 27606. Office building is closed to public access so if hand delivering bids on bid day you can call 919-215-6032 for pickup on the parking deck of WRC headquarters.

II. Questions and Answers

Question 1: Based on Addendum #2 response to question #12, states to anticipate 28 days between adjacent casts. Please advise if the engineer will remove or substantially reduce the duration between adjacent pours.

Response 1: In lieu of the 28-day requirement, the duration between adjacent pours can be reduced to seven days. Two contingency bid items have been added to the attached revised Form of Proposal (pages 2 and 3 of 4) to epoxy inject or fill cracks at the discretion of the engineer.

Question 2: What materials can be used to construct the temporary diversion berm?

Response 2: The control of water is entirely the responsibility of the contractor, including the material used for cofferdams.

Question 3: Will flood insurance be required on this project from the contractor?

Response 3: Minimum insurance requirements are included in the contract documents. Contractor shall evaluate risk associated with flooding and need for flood insurance based on the control of water design by the contractor.

Question 4: Q&A #26 in Addendum #2 states the total cost for the Unit Prices on page 2 should total to the lump sum price on page 1. For the Unit Price totals to equal the lump sum price the Contractor will need to use their estimated quantities on the Unit Price sheet so the total will match the lump sum bid. Please clarify if the Contractor is to list their estimated quantities and calculate the total or use the engineer's quantities which then the total will not match the lump sum bid.

Response 4: A column for contractor quantities has been added to the revised form of proposal. The total price computed using contractor quantities and unit prices shall match the lump sum bid.

Question 5: The profiles for Sta. 34+50, 35+00, and 35+50 on Plan Sheet C-306 show the Rip Rap extending towards the proposed embankment road from the 2:1 ditch. Plan Sheet C-106 doesn't show any Rip Rap to be installed (based on the hatching) between the 2:1 ditch and proposed embankment road fill. Should pricing be based on the Rip Rap hatching area shown on Plan Sheet C-106 or the profiles on Sheet C-306?

Response 5: The sand filter (including riprap protection) shall be placed to the elevations shown on the cross sections (Sheet C-306).

Question 6: Will the temporary soil diversion berms installed for water control require removal? Please clarify if they can be lowered to a known elevation below the normal pond elevation (131.00) or total removal.

Response 6: Temporary diversions shall be removed.

Question 7: What is the voltage on the 3-phase power lines that run along Hwy 301?

Response 7: Based on information from Duke Energy, the voltage is 13,200 volts. However, this information cannot be certified by the Owner or Engineer. A contact for Duke Energy will be provided to the selected bidder.

Question 8: Unit Price Item for the 18" RCP states it is for Class IV pipe. However, the specifications state the RCP Pipe is Class III. What Class of 18" RCP should be quoted for this project?

Response 8: Class III. Please see revised Form of Proposal.

Question 9: Are trash racks new or existing at sluice gates?

Response 9: Trash racks are new.

Question 10: Will there be any consideration to adjusting the specified thickness of concrete mass pour provisions? Currently required for all slab and footing concrete placements 3'-0" and over?

Response 10: There will be no consideration to adjusting the specified thickness of concrete mass pour provisions.

Question 11: Confirm the concrete mass pour provisions of 3' requirement holds true whether concrete is placed with earth embankment (Lugs) or forming applications (Base Slabs)?

Response 11: yes, provisions hold true for both.

Question 12: Clarify when wall joint S8.1 detail 2 is to be utilized vs wall joint S8.1 detail 3B?

Response 12: The intent/purpose of detail 2/S8.1 is to depict requirements related to waterstop, sealant and dowel construction. Detail 3B/S8.1 shows the requirements for the control and construction joints.

Question 13: Confirm if there are any horizontal wall control joints required?

Response 13: Horizontal wall joints are not required.

This Addendum Number THREE is issued this 9th day of February 2021.



mcgill

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FORM OF PROPOSAL

Rhodes Pond Dam Repair

Contract: _____

North Carolina Wildlife Resources Commission

Bidder: _____

SCO-ID # 13-10039-02B

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 North Carolina Wildlife Resources Commission 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 Rhodes Pond Dam Repair 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 Wildlife Resources Commission, and McGill Associates, 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 Lump Sum Bid:

_____ Dollars(\$)

General Subcontractor:

Plumbing Subcontractor:

_____ Lic _____

_____ Lic _____

Mechanical Subcontractor:

Electrical Subcontractor:

_____ Lic _____

_____ 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" or "deducted from" the base bid. (Strike out "Add" or "Deduct" as appropriate.)

GENERAL CONTRACT:

Alternate No. No alternates requested.

(Add)(Deduct) _____ 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 work requested and approved by the owner. The Contractor agrees that he will make no claim for damages, anticipated profits, or otherwise on account of any difference between the amounts of work actually performed and materials actually furnished and the estimated amounts shown below.

GENERAL CONTRACT:

<u>Item¹</u>	<u>Estimated Quantity¹</u>	<u>Contractor Quantity¹</u>	<u>Unit²</u>	<u>Unit Price (\$)</u>	<u>Total (\$)</u>
Mobilization	1		LS		
Construction entrance	3		EA		
Silt fence	5,843		LF		
Float turbidity curtain	180		SY		
Concrete washout structure	1		EA		
Matting for erosion control	1,850		SY		
Control of water/ dewatering	1		LS		
Clearing and grubbing	5		Acre		
Demolition/ tree removal*	1		LS		
Excavation, common	21,841		CY		
Riser structure (including trash rack)	1		LS		
Cast in place concrete - walls	1,530		CY		
Cast in place concrete - cast on ground	3,260		CY		
Floating debris barrier design, furnish and install	1		EA		
Concrete, 3000 psi	22		CY		
18" rcp culv class III	82		LF		
Schedule 80 pvc pipe and fittings for orifice	2		EA		
Salvage and relocate sluice gates ³	1		LS		
Fill - embankment	7,183		CY		
Fill - clay core	1,212		CY		
Rip rap, class 2	2,114		TN		
Rip rap, class B	3,896		TN		
Rip rap, class A	71		TN		
Sand filter	270		CY		
NCDOT no. 57 stone	2,427		TN		
NCDOT no. 78m	565		CY		
NCDOT 2s sand	647		CY		
Topsoil	550		CY		
Gravel drive	791		TN		
Filter fabric	5,738		SY		
6-inch perforated pipe	76		LF		
6-inch outlet pipe	36		LF		
Weep hole check valve	20		EA		
Hydrostatic pressure relief valve	72		EA		
Geotechnical instrumentation	1		LS		
Chain link fence (w/ access gates)	167		LF		
Galvanized metal grating and handrails	1		LS		
Swing gate	1		EA		
Fine grading & seeding	3		Acre		
Install/reset sqins	1		LS		
New sluice gates (contingency)	2		EA		See note 3 below
Undercut and fill - unsuitable material (contingency)	1,000		CY		Not included in Base Bid
Geogrid (contingency)	100		SY		Not included in Base Bid
Inject epoxy in vertical cracks (contingency)	50		LF		See note 4 below
Gravity feed epoxy in horizontal cracks (contingency)	50		LF		See note 5 below

Notes:

1. The items and estimated quantities shown in here are not intended to be comprehensive or exact quantities of the work shown on the plans. The contractor is responsible for estimating the quantities needed to complete the work shown on the plans and include the unit prices and contractor quantities used in deriving the in the Lump Sum Base Bid of the project.

2. CY = Cubic Yard, EA = Each, LF = Linear Foot, LS = Lump Sum, SY = Square Yards, TN = Tons.

3. If existing sluice gates cannot be salvaged, cost to install new sluice gates will be paid in lieu of, not in addition to, salvage and relocate sluice gates.

4. At the discretion of the engineer, the contractor shall provide all labor and material for the injection of low viscosity epoxy in vertical cracks. Epoxy shall meet requirements of NSF. Assume crack width of 25 mils and depth of 18" with injection port spacing of 12". Crack shall be injected in accordance with approved manufacturer's written instructions and in accordance with ACI RAP-1: Structural Crack Repair by Epoxy Injection; reported by ACI Committee E706.

5. At the discretion of the engineer, the contractor shall provide all labor and material for the gravity feed of low viscosity resin in horizontal cracks. Resin shall meet requirements of NSF. Assume crack width of 25 mils and depth of 18". Crack shall be filled in accordance with approved manufacturer's written instructions and in accordance with ACI RAP-2: Crack Repair by Gravity Feed with Resin; reported by ACI Committee E706.

* Demolition includes removal of concrete structures, removal of gravel drive, removal of trees per plans for entire length of dam owned by NCWRC

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

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 _____