

**CONTRACT NO. NAT17001-DAMCONST**  
**IMPROVEMENTS TO DELAWARE DAMS**  
**ADDENDUM NO. 2 - March 20, 2017**  
**RESPONSES TO BIDDER SUBMITTED QUESTIONS**

**Notice: Bidders are hereby notified that this Addendum shall be and hereby becomes part of their Contract Documents, and shall be attached to the Project Manual for this project.**

- Q1: Is the construction joint shown on S-3 for Craigs Pond Dam required or optional?
- A1: All construction joints that are explicitly shown on the Contract Drawings are required.
- Q2: Are the pipe piles for the gate box foundation at Craigs Pond Dam to be concrete filled prior to top plate installation?
- A2: All steel pipe piles shall be filled with concrete prior to installation of the top plates. In Section 31 62 23.13 3.5., ADD the following sentence "G. Weld steel top plate to the top of each pile that is to receive a top plate in accordance with the Contract Drawings after piles have been filled with concrete, and the concrete in the pile has attained 75% of the minimum 28-day compressive strength indicated on the Contract Drawings."
- Q3: The pipe piles for the footbridge abutment at Craigs Pond Dam are shown to be concrete filled with rebar cages and top plates. Please clarify if it is your intent to have rebar and top plates. Seems like it should be one or the other.
- A3: The top plate is not required for the footbridge abutment concrete-filled steel pipe piles. On Sheet S-2, on Sections 1/S-2 and 3/S-2, DELETE the top plate shown at the top of the concrete-filled piles.
- Q4: Is the construction joint shown on S-2 for Chipmans Pond Dam required or optional?
- A4: All construction joints that are explicitly shown on the Contract Drawings are required.
- Q5: Please refer to specification section 31 08 13.13, Part 1.1 C. Are the 2 indicator piles required at each site with foundation piles or do you want one at Chipmans and one at Craigs?
- A5: Two indicator piles each are required at Chipmans Pond Dam and Craigs Pond Dam. In Section 31 08 13.13, Part 1.1 C. DELETE the second sentence and SUSTITUTE THEREFORE "Dynamic testing shall be performed on two (2) indicator piles at the Chipmans Pond Dam and two (2) indicator piles at the Craigs Pond Dam during the final 10 ft. of initial driving and during restrrike a minimum of 3 days after initial driving."
- Q6: Are we to include any detail R/S-4 concrete repairs in the price for Chipmans Pond? If so, please quantify or add a unit price for this work.

- A6: On Sheet S-2 for Foundation Plan at EL. 11.75, DELETE both of the notes "Rehabilitation of existing concrete culvert wing wall per Spec. 03 01 30.71" and the Section R/S-6 call-outs, and SUBSTITUTE THEREFORE this note in both places "Epoxy coating of the Existing Concrete Culvert Wing Wall per Spec. 03 01 30.71. "This item shall be included in the Lump Sum.
- On Sheet S-3 for Gate Support Structural Framing Plan @ EL. 19.82, DELETE both of the notes "Rehabilitation of existing concrete culvert wing wall per Spec. 03 01 30.71" and the Section R/S-6 call-out, and SUBSTITUTE THEREFORE this note in both places "Epoxy coating of the Existing Concrete Culvert Wing Wall per Spec. 03 01 30.71." This item shall be included in the Lump Sum.
- On Sheet S-4 for Section 4/S-3, DELETE the note "Rehabilitation of existing concrete culvert headwall per Spec. 03 01 30.71" and SUBSTITUTE THEREFORE this note "Epoxy coating of the Existing Concrete Culvert Headwall per Spec. 03 01 30.71." This item shall be included in the Lump Sum.
- On Sheet S-4 for Section 4/S-3, DELETE the note "Rehabilitation of existing concrete culvert headwall and wing walls per Spec. 03 01 30.71" and the Section R/S-6 call-out, and SUBSTITUTE THEREFORE this note "Epoxy coating of the Existing Concrete Culvert Headwall and Wing Walls per Spec. 03 01 30.71." This item shall be included in the Lump Sum.
- On Sheet S-6 Detail R/S-4 ADD "Note 2. This detail is applicable for repairs to deteriorated areas of the existing concrete headwall and/or wing walls that are discovered after dewatering. Any concrete repairs or rehabilitation, other than epoxy coating where indicated on these drawings, shall be performed under the Allowance as directed by the Owner."
- On Sheet S-6 Detail R/S-4 ADD "Note 3. All concrete repair work per this detail shall be done prior to applying the epoxy coating to the existing concrete headwall and wing walls."
- Q7: Plan sheet G-6, Chipmans Pond, Sequence of Construction Note 13 requires mill and overlay as necessary. Are we to include any costs for milling and overlay in the price for Chipmans Pond? If so, please quantify. If you intend on paying for milling and overlay with unit prices, please add an item for milling.
- A7: Yes. Milling and overlay shall be included in the Lump Sum price. Note 13 of Sheet G-6 refers to restoration of pavement within the project limits of disturbance. Milling and overlay of roadways or other paved areas damaged as a result of the Contractor's operations are to be included in the lump sum items as part of site restoration per Section 32 01 00.91 3.3 and 3.4.
- Q8: Plan Sheet G-7, Craigs Pond, there is a note stating "existing pavement to be milled and overlaid as necessary". Are we to include any costs for milling and overlay in the price for Craigs Pond? If so, please quantify. If you intend on paying for milling and overlay with unit prices, please add an item for milling.
- A8: Refer to the answer to Question 7.
- Q9: Please consider removing all fixed prices from the unit prices and allow the bidders to determine their own prices.
- A9: Fixed unit price items in the Bid Form shall remain as shown.
- Q10: Is the security fence shown on G-7, Chipmans Pond, permanent or temporary? If permanent, please provide specifications. If temporary, is the fence required or optional?

A10: Security fencing indicated on Sheet G-7 of Chipmans Pond is temporary. On Sheet G-7, ADD "Note 3. Temporary fencing is required as shown to provide security and to prevent the public from accessing the Contractor's staging areas and Engineer's field office. The Contractor may request adjustment of fencing locations to suit his operations pending approval of the Owner.

Q11: What flow rates will need to be diverted during construction of each dam area?

A11: Refer to Section 31 52 00 "Control of Water."

Q12: The specifications require the steel fabricator to be AISC Certified. Can this requirement be waived?

A12: No. This requirement shall not be waived.

Q13: In order for us to get a quote for the temporary electric, we need a physical 911 address for the Engineer's Trailer. Can you provide that?

A13: The physical address for the DNREC-owned parking area is 12081 Chipmans Pond Road, Laurel, DE 19956. The tax parcel no. is 232-13.00-3.16.

Q14: Will the water control plan summary, which must be submitted at the time of bid, be held confidential?

A14: Per Delaware OMB procedures, the contents of all Bids, including the Summary Control of Water Plan for Chipmans Pond Dam, shall be held confidential until such time as an award has been made and contracts have been executed between the successful bidder and DNREC.

Q15: Local suppliers for Rip-Rap don't stock D - R-7 but readily stock similar weighted R-5 would that be an acceptable substitute?

A15: No, Delaware R-5 Riprap may not be substituted for the specified Delaware R-7 Riprap.

#### CLARIFICATION FROM PREVIOUS ADDENDUM:

Addendum 1, Q7: Will overhead utilities be relocated at Chipmans Pond Dam and Concord Pond Dam since there is a potential conflict with construction equipment?

Previous Response: DNREC will contact the utility owner to determine if relocating overhead utilities can be performed in advance of construction. Clarification of this question will be provided in the next Addendum.

Answer: Bidders shall assume that the overhead utility lines will be relocated by others prior to mobilization to these sites. DNREC will coordinate relocation of the utility lines upon receipt of the successful bidder's construction schedule. The cost to relocate overhead utilities shall be paid by DNREC and shall not be included in the Lump Sum prices for Chipmans Pond Dam and Concord Pond Dam.