

Groundhog Dam Intake Structure Modification Bid Addendum #1

Date: June 24th, 2021

AG Job No.: 19-106

Bidders,

The following document is provided for revision to the bid documents and to address questions that have been submitted to date.

Bid Documents can be access from this link:

<https://applegategroup.sharefile.com/d-s45d00ba7e4964bdaaf4a9e79af64d255>

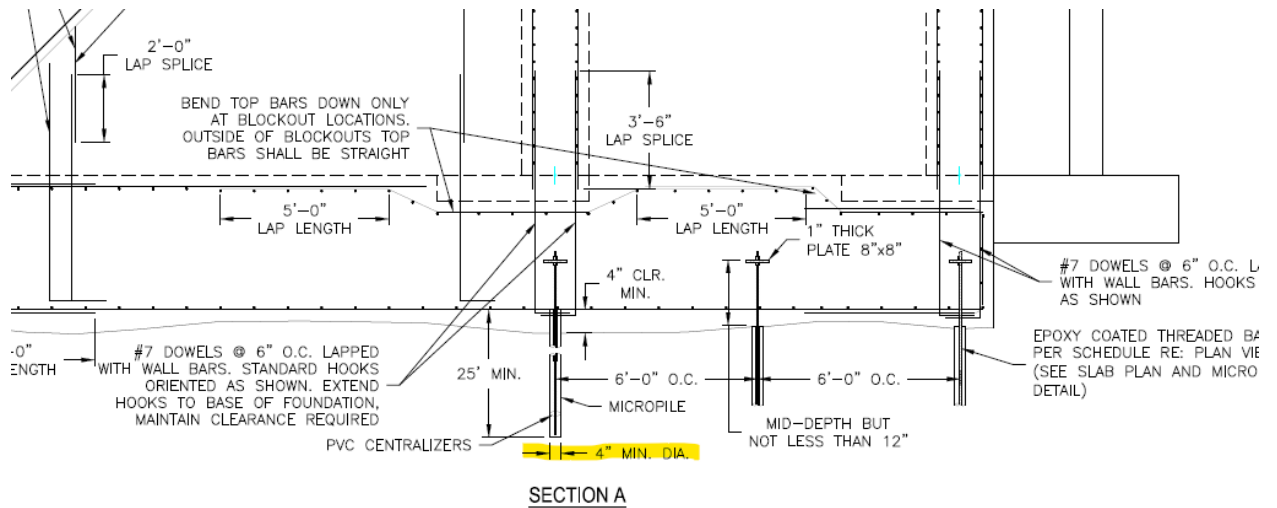
General Notes and Revisions

1. An electric meter connected to the local single phase electric line will be provided by MVIC at the control house. The Contractor will be responsible for installing a main breaker panel with the following circuits into the control house from the electric meter:
 - a. (1x) 120v/20amp circuit for lights
 - b. (1x) 120v/20amp circuit for general outlets with an outlet on each wall
 - c. (1x) 120v/20amp circuit for immersion heater (500 watts)
 - d. (1x) 240v/60amp circuit for HPUThe Contractor will also be responsible for the required State electrical permit.
2. The gate supplier has provided estimated shipping dates for the following items, please note these are only estimates and are subject to change:
 - a. Wall Thimbles – June 25th, 2021
 - b. Slide Gates – First week of October 2021
 - c. Hydraulic Cylinders - TBD
 - d. Hydraulic Pressure Unit - TBD
3. The *Bid Documents* referenced *Bid Form C-430* which was not included in the package by mistake. *Bid Form C-430* can be accessed and downloaded from the link above.
4. Correction to reinforcing steel requirements for micropiles:
 - a. *Specification Section 31 63 33 Part 2.2.A* is revised to read “**Reinforcing Steel Bars: ASTM A615, Grade 75 or Grade 80**”
 - b. Section *31 63 33 – Micropiles* of the *Specifications* contained an error which required 150ksi reinforcing steel bar for use in micropile. No.9 Grade 75 or Grade 80 reinforcing steel bar meets the design intent and is required for micropiles. Final *Specifications* reflecting this change will be issued to the selected Contractor prior to construction but will not be revised at this time.

Questions from Contractors

1. Based on the micropile specifications, it appears the intent is to perform Verification Testing on a sacrificial micropile prior to installation and Proof Testing of production piles, can you please clarify?
 - a. Yes, that is correct. The intent is to install a non-production micropile and perform a Verification Test of it prior to installation of production micropiles. The location of the non-production micropile will be determined in the field and the non-production pile should be drilled to a total depth of 25-ft but only the bottom 10-ft shall be bonded. Please note Trautner Geotech will be performing Verification Testing of the non-production micropile on behalf of MVIC.

2. What percentage or number of production micropiles will be Proof Tested?
 - a. 3 production micropiles will be Proof Tested. Please note Trautner Geotech will be performing Proof Testing of production micropiles on behalf of MVIC.
3. Can you clarify the required hole diameter for micropiles?
 - a. Micropiles shall be 4" in diameter at a minimum as indicated in 'Section A' shown on Sheet 8 of the Drawings.



4. Is the owner supplying the hydraulic lines and the gates?
 - a. The Owner is supplying the following items:
 - (2x) 36" x 48" Series HG560 Slide Gates including yoke mounted hydraulic cylinders
 - (2x) 36" x 48" Type F Wall Thimbles
 - (1x) 54" x 54" Series HG560 Slide Gate including yoke mounted hydraulic cylinder
 - (1x) 54" x 54" Type F Wall Thimble
 - Hydraulic Pressure Unit
 Hydraulic lines, fittings, appurtenances, and any other materials needed for a complete system are to be furnished by the Contractor.