



Eric T. Weatherly, P.E.
County Engineer

Currituck County

153 Courthouse Road, Suite 302
Currituck, North Carolina 27929
252-232-6035
FAX 252-232-3298
Eric.Weatherly@CurrituckCountyNC.Gov

ADDENDUM No. 1

Date: April 6, 2020

To: Prospective Bidders and Others Concerned

From: Currituck County

RE: Wastewater Treatment Plant Repairs
Moyock Commons Wastewater Facilities

The following shall take precedence over the plans and specifications and shall become part of the Contract Documents. Please acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to acknowledge this addendum may result in your bid being declared non-responsive.

1. The Scope of Work, Part 6. Aeration Drop Pipe and Diffuser Replacement shall be revised as follows:

There shall be 14 drop pipe assemblies and not 21 drop pipe assemblies. The piping assembly shall be 1 1/2" and not 2".

Attached is a photo of one of the existing drop pipe assemblies. Each drop pipe assembly will contain 8 Snap Cap diffusers. The drop pipe assembly shall extend to the bottom of the tank. The drop pipe assembly is approximately 9' long and the diffusers shall be spaced 6" apart. Provide a union on each drop pipe for installation and future removal. A field decision may be made to aim every other diffuser vertical and horizontal for better air distribution.

2. The filter nozzles for the tertiary filters shall be Orthos Liquid Systems - Type KSP in accordance to the attached submittal, or approved equal. 104 filter nozzles are required.
3. The air/backwash plenum shown in the 2nd photo in Appendix I of the Contract Documents shall be painted with Tnemec Series 104 H.S. Epoxy or approved equal. Clean to SP10 and apply 2 coats of 6 – 10 mils each and follow manufactures application requirements. Remove debris and clean all backwash and air scour piping.

4. The Scope of Work, Part 8. Filter Media Installation, Part c. shall be revised as follows:

The filter media shall consist of 8" – 12" of fine sand and 12" of crushed anthracite placed on top of the fine sand. The sand shall have an effective size of 0.8 to 1.0 mm, and a uniformity coefficient of 1.5. The anthracite shall have an effective size of 1.2 to 1.4 mm and a uniformity coefficient of 1.6.

End of Addendum