

# Addendum 1

**City of Canton, Ohio**  
Purchasing Department  
218 Cleveland Ave. SW, 4<sup>th</sup> floor  
Canton, Ohio 44702

Sugar Creek Water Treatment Plant Lagoon Cleanout, Removal & Disposal of Sludge

**Item/Project**

Water Department

**Responsible Department**

June 23, 2022 on or before 2:00 PM local time

**Bids Due**

## **Bid Proposal Submitted By:**

**Company Name**

**Street Address**

**City**

**State**

**Zip**

**Contact Person**

**Phone No.**

**Email Address**

## MISCELLANEOUS QUESTIONS:

### Question 1:

Has this been dredged before? If so, what method was used to remove the material and was it dewatered?

### Answer:

The lagoons were put on-line in March of 2019. They were cleaned once in 2020 and again in 2021. In 2020, the sludge was not dewatered. It was vacuumed out, directly to hauling containers, and taken to the landfill as a liquid. In 2021, the sludge was dewatered and taken to the landfill as a solid.

### Question 2:

What is the budget for this project?

### Answer:

Since this is being bid as a service contract, there is no estimate prepared for this project.

### Question 3:

Is there enough flat ground for a 60' x 60' area for dewatering equipment?

### Answer:

There may not be a 60' x 60' area, however, the contractor can stage his equipment on the gravel area around the lagoons, within the lagoon fencing. Please refer to the Lagoon Plans and Sections found in Appendix 'A' of the Bid Specifications in the Invitation to Bid.

### Question 4:

What percent solids are required?

### Answer:

There are no requirements for the percent solids. The contractor shall be responsible for the means and methods of the sludge removal, hauling and disposal, at an approved landfill, and all associated costs with mentioned work.

### Question 5:

We typically run 12-hour shifts and have found it to be most efficient for the project and budget. The bid scope suggests that changes to working schedule and hours could be approved by the City. Would the City like a proposal for stated working hours compared to 12-hour shifts working M-S?

### Answer:

Please bid the project based upon the work hours listed in Section 3.8 "Work Hours" of the Bid Specifications in the Invitation to Bid.

### Questions 6:

What utilities will the City/Plant provide to the operation? Water, Electricity, Etc.

### Answer:

Please refer to Section 3.7 "Utility Accessibility" of the Bid Specifications in the Invitation to Bid.

Question 7:

How recent has the sludge depth been measured? What method was used to measure the depth? Hydrographic survey? Using a sludge judge? Additionally, from the Lagoon Layout Plan, it appears that only one measurement was taken? Am I reading this correctly or can you clarify this for me?

Answer:

The sludge depths were last measured on 5/31/2022. The depths listed in Section 7.3.2 of the Bid Specifications are projected, anticipated sludge depths for August. A sludge judge is used to measure the sludge depths. These depths were taken from the N.E. corner, outside of the effluent chambers of each lagoon.

CITY OF CANTON WATER DEPARTMENT  
SUGAR CREEK WATER TREATMENT PLANT  
LAGOON CLEANOUT, REMOVAL & DISPOSAL OF SLUDGE

PRE-BID MEETING MINUTES  
Tuesday, June 14<sup>th</sup>, 2022 @ 10:00am  
at Sugar Creek Water Treatment Plant

AGENDA

I. INTRODUCTION

- A. Sign in sheet: *Sign in sheet is attached*
- B. Bid Opening: Thursday, June 23<sup>rd</sup> @ 2:00pm in the 6<sup>th</sup> floor Conference Room of Canton City Hall.

II. ITEMS INCLUDED IN THE BID PACKAGE

- A. Invitation to Bid – Sugar Creek Water Treatment Plant Cleanout, Removal & Disposal of Sludge
- B. Bidders are responsible to check the City’s Website for all posted addenda and acknowledge such after the Proposal Page (pg. 37 of 43).

III. TOPICS TO DISCUSS

- A. Contract documents are available from the City of Canton’s website at <https://cantonohio.gov/448/Purchasing-Procurement>
- B. All questions should be submitted in writing to the City’s Purchasing Department, at [purchasing@cantonohio.gov](mailto:purchasing@cantonohio.gov), by Thursday, June 16<sup>th</sup>, 2022 at 2:00 PM.
- C. Deadline to issue an addendum is Monday, June 20<sup>th</sup>, 2022 at 2:00 PM.
- D. City of Canton Water Department will be doing the inspection on this project.
- E. Proposal Page Item 1 - Sludge Removal and Disposal, Complete (Lump Sum):
  - This is a lump sum, complete, bid item. Bid item includes, but not limited to, removal, dewatering (if proposed) and off-site disposal of a minimum depth of sludge, listed below, for each lagoon:
    - Lagoon 1 = 26”
    - Lagoon 2 = 28”
    - Lagoon 3 = 20”
  - These depths are from the top of concrete floor to the top of sludge, at the N.E. corner, outside of the effluent chambers. See Appendix ‘A’, Lagoons Plans and Sections, sheet 6. Bidders shall bid project for 100% of the sludge to be removed.
  - Prior to mobilization, the awarded contractor and a representative from the City shall verify the depth of sludge in each lagoon by using a sludge judge at the location previously defined. If the depth of sludge is greater than 1” above the minimum depths listed above, per lagoon, the contractor and City shall come to a written agreement on the volume of sludge to be removed under the lump sum bid.

#### IV. QUESTIONS/COMMENTS

Question 8:

Can a contractor use sonar to get the depth and volume of the sludge to be removed?

Answer:

No, the contractor shall calculate the volume of sludge to be removed based upon the depths of sludge listed in Section 7.3.2 of the Bid Specifications in the Invitation to Bid.

Question 9:

How do we establish the volume payment is based off of?

Answer:

Payment will be paid based on a lump sum bid. The contractor shall calculate the volume of sludge being removed from the depths of sludge listed in Section 7.3.2 of the Bid Specifications and also refer to Section 4.0 "Sludge Analysis" of the Bid Specifications in the Invitation to Bid.

Question 10:

Will the lagoons be taken offline beforehand and/or drained?

Answer:

There are three lagoons total. Two lagoons need to be in service and one lagoon will be taken off-line while it is being cleaned. The lagoon being cleaned can be drained down to the top of the sludge. The City will coordinate with the contractor on when they would like it drained.

Question 11:

Can water be added to the lagoons as needed?

Answer:

Yes

Question 12:

If the dewatering process is used, can the discharge water be put back into the lagoons?

Answer:

Yes, the discharge water can be put back into the inlet end of the two lagoons that will be in service.

Question 13:

Are there any water quality requirements or will testing be required for the discharge waters going back into the lagoons?

Answer:

The polymer that will be used must be an environmentally safe polymer. Also, the water that will be going back into the lagoons will be the same water that originally came out of the lagoon. Therefore, no testing of the discharge water will be required.

Question 14:

Who is responsible for the disposal of the material and where can it go?

Answer:

This is being bid as a lump sum bid. The awarded contractor is responsible for the removal and disposal of the sludge. Disposal must meet all City, State and Ohio Environmental Protection Agency specifications and standards.

Question 15:

If a polymer is used, does the polymer need to be approved beforehand?

Answer:

The selection of the polymer is the responsibility of the contractor and it must be environmentally safe. The City will require a copy of the polymer's Safety Data Sheet.

Question 16:

Have the lagoons been cleaned three years in a row or just three times since they have been in service?

Answer:

The lagoons were put on-line in March of 2019. They were cleaned once in 2020 and again in 2021.

Question 17:

Is there a set completion date?

Answer:

Since this is a service contract, there is not a set project duration. The City anticipates to have the lagoons cleaned in August.

Question 18:

Does the contractor have access to fresh water? Also, does the contractor have access to electric?

Answer:

Please refer to Section 3.7 "Utility Accessibility" of the Bid Specifications in the Invitation to Bid.

Question 19:

Is the contractor allowed a 24/7 work schedule or are there set hours they must work?

Answer:

Please refer to Section 3.8 "Work Hours" of the Bid Specifications in the Invitation to Bid.

Question 20:

Where can the equipment be staged?

Answer:

The equipment can be staged on the gravel area around the lagoons, within the lagoon fencing.

**PRE-BID MEETING ATTENDANCE**

**PROJECT:** Sugar Creek Water Treatment Plant Lagoon Cleanout, Removal & Disposal of Sludge  
**DATE:** Tuesday, June 14th, 2022 **TIME:** 10:00 AM

**LOCATION:** Sugar Creek Water Treatment Plant

NAME	REPRESENTING	PHONE #	E-MAIL
Brent Barrier	Canton Water	330-438-6569	brent.barrier@cantonohio.gov
Melvin Probst	Synagro		
Steven Johnson	Synagro	614-207-3778	sjohnson@synagro.com
Bill Doherty	BAVIRASERVE	832-349-2669	RichardDoherty@envirosolve.com
Dylan Peoples	CWD	330-438-6564	dylan.peoples@cantonohio.gov
PJ COPPE	NORTHSHORE WATERS	724-730-2129	<del>pj.coppe@northshorewater.com</del>
Brad Keating	Kayden	713 208 0524	pj.coppe@gmail.com brakeating@kaydenindustries.com
Ron Myers	Kayden	814-203-2196	rmyers@kaydenindustries.com