



ADDENDUM NO. 1

Issue Date: 1/5/2021

Project Name: Operations of Biosolids Dewatering Facility, Sludge Dewatering, & Hauling

Bid Number: 2021021

Bid Opening Date: **January 21, 2021**

This addendum is being released to answer questions received to date.

The information and documents contained in this addendum are hereby incorporated in the invitation to bid. **This addendum must be acknowledged where indicated on the bid form, or the bid will be declared non-responsive.**

Questions and Answers

1. Does the County utilize a contractor to perform similar services as those being advertised now, and if yes, who is the contractor?

The County uses Synagro Technologies, Inc.

At what price per gallon or price per dry ton is current contractor performing similar services?

- Price per gallon for South Regional WWTF hauled gallons? **\$0.0279 per gallon**
2. -Price per gallon for the West Regional WWTF hauled gallons? **\$0.0279 per gallon**
-Price per gallon for the Central Regional WWTF hauled gallons? **\$0.0279 per gallon**
-Price per ton for the sludge and septage dewatering? **\$208.08 per dry ton**

At what price is the electric connection charged for the dewatering equipment power usage? Page 14, number 8:

3. ***"8. The CONTRACTOR shall be responsible for the cost of the electricity required to operate the CONTRACTOR's centrifuge equipment. The County will meter the electricity required to operate the CONTRACTOR's centrifuge equipment and deduct the cost from the CONTRACTOR'S monthly invoice."***

Electric connection for the dewatering equipment power usage is 0.130 per KWH.

There is a separate electric meter used for the dewatering equipment to be deducted from the monthly invoice.

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What type of power is available, and in what kind of quantity is the power available? Does the

4. County have metered connections for 3-phase, 480-volt power, of at least 300 Amps? What type of power is being utilized by the current contractor?
480-volt, 400-amp 3 phase power.

5. How many total wet tons did the dewatering activities generate in each of the last 2 years, that was then disposed of at the landfill?
FY 2019-2020 103,923.64 wet tons // FY 2018-2019 98,220.30 wet tons delivered to the Dewatering Facility.

6. The 30,000,000 to 34,000,000 gallons was dewatered to a minimum percent solid of 17% and generated how many wet tons at this level, or total dry tons?
FY 2019-2020 9,249.57 wet tons // FY 2018-2019 13,847.52 wet tons delivered to the Landfill

Specifications utilize the term “centrifuge” when discussing the contractor's dewatering equipment.

Does the County have objects to belt-filter dewatering presses and or rotary-fan presses being

7. utilized in lieu of a centrifuge, if said equipment is capable of reaching the desired 17% minimum solids for landfill disposal?
The Facility FDEP Permit requires the use of a Centrifuge.

8. Will the County make available some historical records of the dewatered percent solids, demonstrating what the current actives are routinely achieving?
The average percent solids of the dewatered product ranges between 18-24%.

9. Is the Contractor responsible for customer relations with haulers of grease and septage or will the County have staff monitoring and advising these haulers?
County staff is responsible for customer relations with the haulers of Grease and Septage.

Similarly, will the Contractor be responsible for determining approved dumped materials, approving who is and isn't a County approved hauler, and be responsible for accessing volumes delivered by each individual hauler truck and administering tickets or receipts for these delivered materials for record keeping purposes, both for the hauler and for the County? Or are these activities done by the County?

10. **The County is responsible for approving haulers. County staff is responsible for assessing volumes delivered and all documents required for billing purposes and documentation of county approved haulers. The Contractor is responsible for any and all FDEP, EPA and Florida Administrative Code rules and regulations regarding the proper handling, transport documentation and disposal of Domestic Bio Solids Residuals.**

11. How much capacity does the holding tank have at the dewatering facility for the sludge hauled from various outside facilities? Is the same holding tank utilized for receiving grease and septage that is used for receiving hauled sludge from the other County facilities? How much capacity does each of the outside facilities have for holding of solids?

The Holding tank is comprised of three 100,000-gallon tanks with a total capacity of 300,000 gallons that is used for all septage grease and domestic bio solids delivered to the Dewatering Facility.

12. Can I physically visit each of the 4 locations, the sludge hauling plants and the dewatering location? Who may I contract to arrange such visits?

Interested bidders may tour the Biosolids Dewatering Facility located at 1350 74th Ave SW, Vero Beach, FL 32968 at 9 a.m. on Wednesday, January 13, 2021. At the conclusion of that walk through, bidders will be able to follow County staff and visit the three WWTFs.