



BEACON FALLS, CT RFQ/RFP #20-2

**TOWN OF BEACON FALLS  
REQUEST FOR QUALIFICATIONS AND PROPOSALS  
RFQ/RFP #20-2**

**FURNISHING TRANSPORTATION AND DISPOSAL SERVICES OF  
LIQUID SEWAGE SLUDGE GENERATED FROM THE  
WATER POLLUTION CONTROL FACILITY**

**ADDENDUM NO. 5  
Monday, September 30, 2019  
Bid Due Date: 10/7/19 10:30 a.m.**

The attention of bidders submitting proposals for the above-referenced project is called to the following addendum to the specifications.

**September 25, 2019**

**Q: Section V – Submission of Fee Proposal - Item ii.a:**

The sentence "These three years shall then be averaged to determine average unit cost by year." appears to be consistent with instruction to multiply the 3-year average unit cost multiplied by 1,500,000 gallons. It is understood that the 1,500,000 gallons is a multiplier that represents a one year volume of liquid sludge. Reference to the "total 3-year sludge cost" both in the following sentence and in the Bid form column to the far right contradicts the 'average unit cost per year'. We are seeking clarification as to whether this column represents a total 3-year compound value or the average annual rate.

**September 30, 2019**

**A:** Yes, to confirm, the 1,500,000 gallons is a multiplier that represents a one-year volume of liquid sludge. To be clear, 1.5% of solids is also included in this 1,500,000 gallons multiplier (please see the Optional charts for the break-out). The 3-year column represents a total 3-year compound. The Town has modified the contradictory sentence to reflect this change and its charts. The Town wishes to note that it has corrected the following errors in its charts:

- The Gallon Multiplier has changed from 1,498,500 (which corresponded to the 6 tons listed in the Dry Ton section. An error in the gallons to tons conversion calculation has been changed; 8 pounds and 1% solids were used previously. The Town actually calculated 1 gallon equal to 8.34 pounds (and there are 2,000 pounds in 1 ton). Due to the fact that solids fluctuate between 1 and 2%, the Town elected to select 1.5%.
  - $1,500,000 \times 1.5\% \times 8.34 \text{ pounds} = 187,650 \text{ gallons}; 1,500,000 - 187,650$



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- “Avg Unit Cost” changed to Avg. Cost/[applicable metric]) (all charts)
- “Dry Ton” to “Wet Ton” in all 3 years (Chart 2)
- Dry Ton Multiplier renamed to Wet Ton Multiplier (Chart 2)
  - 6 tons modified to 93.825
    - 187,650 gallons/2,000 pounds = 93.825 tons
- “Dry Ton” to “Transportation Charge Per Load” in Years 2 & 3 to match Year 1 (Chart 3)
- “1-Year Avg. Total Sludge Cost” column added (all charts)
- 260 load multiplier added (Optional Chart 3)
  - 5 loads per week x 52 weeks



## V. SUBMISSION OF FEE PROPOSAL

The Bidder shall complete pricing for all years as follows:

### REQUIRED:

YEAR 1	YEAR 2	YEAR 3	3-Year Avg. Cost/Gal.	Gallon Multiplier	1-Year Avg. Total Sludge Cost (both liquid and solid)	3-Year Total Sludge Cost (both liquid and solid) = 1 Yr Avg. Total x 3
Cost/Gal. 2019-2020	Cost/Gal. 2020-2021	Cost/Gal. 2021-2022				
\$	\$	\$	\$	1,500,000	\$	\$

### OPTIONAL:

#### 1.

YEAR 1	YEAR 2	YEAR 3	3-Year Avg. Cost/Gal.	Gallon Multiplier	1-Year Avg. Total Sludge Cost	3-Year Total Sludge Cost (liquid only) = 1 Yr Avg. Total x 3
Cost/Gal. 2019-2020	Cost/Gal. 2020-2021	Cost/Gal. 2021-2022				
\$	\$	\$	\$	1,312,350	\$	\$

#### 2.

YEAR 1	YEAR 2	YEAR 3	3-Year Avg. Cost/Wet Ton	Wet Ton Multiplier	1-Year Avg. Total Sludge Cost	3-Year Total Solid Sludge Cost = 1 Yr Avg. Total x 3
Cost/Wet Ton 2019-2020	Cost/Wet Ton 2020-2021	Cost/Wet Ton 2021-2022				
\$	\$	\$	\$	93.825	\$	\$

#### 3.

YEAR 1	YEAR 2	YEAR 3	3-Year Avg. Charge Per Load	Load Multiplier	1-Year Avg. Total Loads Cost	3-Year Total Loads Cost = 1 Yr Avg. Total x 3
Transportation Charge Per Load 2019-2020	Transportation Charge Per Load 2020-2021	Transportation Charge Per Load 2021-2022				
\$	\$	\$	\$	260	\$	\$

- i. Bidders shall enter unit costs for all years. In the event that there is a discrepancy between the unit price and the total price extension, the unit price will govern.
- ii. Sludge Calculations: There is one required pricing chart and two optional pricing charts. The unit costs each year should be entered and inflation and/or cost escalations between each contract year should be reflected.
  - a. **Required:** The required chart includes a blended calculation of both liquids and solids. 1.5% solid concentration should be assumed over all contract years and included in said calculation. These three years shall then be averaged to determine the average cost/gallon by year. The 3-year average cost/gallon shall be multiplied by



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1,500,000 gallons to determine the total 1-year total sludge cost. The 1-year avg. total sludge cost is then multiplied by 3 to get the 3-year total sludge cost. This 1,500,000 gallons figure was selected based on an average of the 5 years listed in Item #3 (above) and rounding down to the nearest hundred-thousand due to steady efforts of sludge reduction that the WPCF/WWTP continues to pursue.

- b. **Optional:** The optional charts separate out solid from the liquid and provide a transportation charge per load option. Please follow the same methodology for these calculations as in the Required section.
- iii. Please note that the required and optional bids may or may not match depending upon how services are priced. The Town reserves the right to select the optional amount if it is lower than the required amount. Bidders are not required to complete the Optional section. They are required to complete the Required section. Both the Required and Optional will be listed under bid results after the submission period closes.
- iv. Unit costs shall include the total cost to the Town. The Town shall not be assessed additional fees.
- v. The total annual bid amount is a not to exceed amount; the Town will be billed based on actual sludge gallons picked up and transported.
- vi. The annual gallons of sludge is an estimate and is not guaranteed. If Beacon Falls WPCF does not meet the gallon multiplier above, the bidder will not be compensated for the difference.
- vii. Written Total 3-Year Bid Amount (required) \_\_\_\_\_.
- viii. Written Total 3-Year Bid Amount (optional) \_\_\_\_\_.
- ix. Bidder's Company Name \_\_\_\_\_.