

TOWN OF GLASTONBURY
INVITATION TO BID

| <u>BID #</u> | <u>ITEM</u> | <u>DATE & TIME REQUIRED</u> |
|--------------|---|---------------------------------|
| GL-2017-21 | Sewage Sludge Disposal & Wastewater Hauling Services | February 23, 2017 at 11:00 A.M. |

The Town of Glastonbury, Water Pollution Control Division, is seeking Bids for the transportation and disposal of sewage sludge generated at its Water Pollution Control Facility (WPCF) located at 2149 Main Street, Glastonbury, Connecticut. The Town is also seeking bids for the transportation of wastewater, from our Eastbury Pump Station located at 35 Roaring Brook Plaza, Glastonbury, CT 06033, for disposal at the Water Pollution Control Facility.

Bid Forms may be obtained from the Town's website at www.glastonbury-ct.gov or at the Office of the Purchasing Agent, Town Hall, 2155 Main Street, Glastonbury, Connecticut 06033, (second level).

The Town reserves the right to waive informalities or reject any part of, or the entire bid, when said action is deemed to be in the best interests of the Town. All Sealed Bids must be submitted to the Office of the Purchasing Agent no later than the time and date indicated. All bids will be publicly opened and read.

The Town of Glastonbury is an Affirmative Action/Equal Opportunity Employer. Minority / Women / Disadvantaged Business Enterprises are encouraged to bid.

Mary F. Visone
Purchasing Agent

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1. Sealed bids (**one original and one copy**) on the attached Bid Forms will be received at the Office of the Purchasing Agent, Town Hall, 2155 Main Street, Glastonbury, Connecticut 06033 (second level). At the designated time of opening, they will be publicly opened, read, recorded and placed on file.
2. Whenever it is deemed to be in the best interest of the Town, The Town Manager, Purchasing Agent or designated representative shall waive informalities in any and all bids. The right is reserved to reject any bid, or any part of any bid, when such action is deemed to be in the best interest of the Town of Glastonbury.
3. It is the intent of the Town to enter into a five (5) year agreement with the successful bidder beginning July 1, 2017 to June 30, 2022. The award will be on the basis of the lowest overall bid total cost from a qualified bidder for sewage sludge disposal and wastewater hauling services. Bidder qualifications may include but not be limited to additional factors such as backup capabilities and available hours. Unit costs shall include the total cost to the Town. The Town shall not be assessed additional fees. In the event that the Town finds computational errors in a respondent's bid proposal, the bid total cost shall be recalculated by the Town based on the unit prices contained in the bid proposal. The Bidder must submit pricing for both sludge and wastewater hauling and disposal for the five year period to qualify for the award (see instructions on bid pricing sheet BP-3).
4. Bids will be carefully evaluated as to conformance with stated specifications.
5. The envelope enclosing your bid should be clearly marked by bid number, time and date of bid opening and bidder's name and address.
6. Specifications must be submitted complete in every detail, and when requested, samples shall be provided. If a bid involves any exception from stated specifications, they must be clearly noted as exceptions, under lined, and attached to the bid.
7. The Bid Documents contain the provisions required for the requested item. Information obtained from an officer, agent, or employee of the Town or any other person shall not affect the risks or obligations assumed by the Bidder or relieve him/her from fulfilling any of the conditions of the Bid.
8. Each Bidder is held responsible for the examination and/or to have acquainted themselves with any conditions at the job site which would affect their work before submitting a bid. Failure to meet this criteria shall not relieve the Bidder of the responsibility of completing the Bid without extra cost to the Town of Glastonbury.
9. Any bid may be withdrawn prior to the above scheduled time for the opening of bids or authorized postponement thereof. Any bid received after the time and date specified shall not be considered. No Bidder may withdraw a bid within sixty (60) days after the actual date of the opening thereof. Should there be reasons why a Bid cannot be awarded within the specified period, the time may be extended by mutual agreement between the Town and the Bidder.

10. Each bid must be accompanied by a bid bond payable to the Town form ten percent (10%) of the total amount of the bid. The bid bond of the successful bidder will be retained until the payment bond and performance bond have been executed and approved, after which it will be returned. A certified check may be used in lieu of a bid bond. The Town of Glastonbury will not be liable for the accrual of any interest on any certified check submitted. Cashier's checks will not be accepted.
11. A 100% Performance and Payment bonds are required of the successful bidder. This bond shall cover all aspects of the specification and shall be delivered to the Purchasing Agent prior to the issuance of a purchase order. The Performance and Payment Bonds will be returned upon the delivery and acceptance of the bid items.
12. The Bidder agrees and warrants that in the submission of this sealed bid, they will not discriminate or permit discrimination against any person or group of persons on the grounds of race, color, religion, national origin, sex, or physical disability including, but not limited to blindness, unless it is shown by such bidder that such disability prevents performance of that which must be done to successfully fulfill the terms of this sealed bid or in any manner which is prohibited by the laws of the United States or the State of Connecticut: and further agrees to provide the Human Relations Commission with such information requested by the Commission concerning the employment practices and procedures of the Bidder. An Affirmative Action Statement will be required by the successful Bidder.
13. Bidder agrees to comply with all of the latest Federal and State Safety Standards and Regulations and certifies that all work required in this bid will conform to and comply with said standards and regulations., Bidder further agrees to indemnify and hold harmless the Town for all damages assessed against the Town as a result of Bidder's failure to comply with said standards and/or regulations.
14. All correspondence regarding any purchase made by the Town of Glastonbury shall reference the Town's purchase order number. Each shipping container shall clearly indicate both Town purchase order number and item number.
15. Bidder is required to review the Town of Glastonbury Code of Ethics adopted July 8th, 2003 and effective August 1, 2003 and revised October 29, 2013 and effective November 28, 2013. Bidder shall acknowledge that they have reviewed the document in the area provided on the bid/proposal response page (BP). The selected Bidder will also be required to complete and sign an Acknowledgement Form prior to award. The Code of Ethics and the Consultant Acknowledgement Form can be accessed at the Town of Glastonbury website at www.glastonbury-ct.gov. Upon entering the website, click on **Bids & Proposals Icon** which will bring you to the links for the Code of Ethics and the Acknowledgement Form. If the Bidder does not have access to the internet, a copy of these documents can be obtained through the Purchasing Department at the address listed within this bid/proposal.
16. **Non Resident Contractors:** (IF APPLICABLE)

Upon award the Town is required to report names of nonresidents (out of state) Contractors to the State of Connecticut, Department of Revenue Services (DRS) to ensure that Employment Taxes and other applicable taxes are being paid by Contractors. **A single surety bond for 5% of the entire contract price is required to be filed with DRS by any unverified nonresident prime or general contractor (if awarded) where the contract price for the project is \$250,000 or more.** The contractor will be required to promptly furnish to the Town a copy of the **Form AU-968 – Certificate of Compliance** issued by the State of Connecticut, DRS. See State of Connecticut **Notice SN 2012 (2)**.

17. Bidder shall include on a sheet(s) attached to its proposal a complete disclosure of all past and pending mediation, arbitration and litigation cases that the bidder or its principals (regardless of their place of employment) have been involved in for the most recent five years. Please include a statement of the issues in dispute and their resolution. Acceptability of Bidder based upon this disclosure shall lie solely with the Town.
18. Bidder or its principals, regardless of their place of employment, shall not have been convicted of, nor entered any plea of guilty, or nolo contendere, or otherwise have been found civilly liable or criminally responsible for any criminal offense or civil action. Bidder shall not be in violation of any State or local ethics standards or other offenses arising out of the submission of bids or proposals, or performance of work on public works projects or contracts.
19. Technical questions regarding this bid shall be made in writing and directed to Mr. Chuck Bohaboy, Water Pollution Control Supervisor at chuck.bohaboy@glastonbury-ct.gov. Questions regarding the bidding procedures shall be directed to Mary Visone, Purchasing Agent at purchasing@glastonbury-ct.gov. All questions, answers, and/or addenda as applicable will be posted on the Town's website at www.glastonbury-ct.gov. (Upon entering the website scroll down to click on Bids & Proposals Icon, then scroll down page to see the active bid table. You must click the **Bid Title** to view all bid details and document links). The request must be received at least five (5) days prior to the advertised response deadline. **It is the responsibility of the bidder to check the Town's website before submitting bid for any addendums posted prior to bid opening.**

IMPORTANT:

- Failure to comply with general rules may result in disqualification of the Bidder.
- Municipal projects are exempt from Federal Excise Taxes, as well as, State of Connecticut Sales, Use and Service Taxes and should not be include in the Bidder's proposal.

1. **GENERAL**

- 1.1. The Town of Glastonbury, Water Pollution Control Division, is seeking Bids for the transportation and disposal of sewage sludge generated at its Water Pollution Control Facility (WPCF) located at 2149 Main Street, Glastonbury, Connecticut. The Town is also seeking bids for the transportation of wastewater, from our Eastbury Pump Station located at 35 Roaring Brook Plaza, Glastonbury, CT 06033, for disposal at the Water Pollution Control Facility.
- 1.2. It is the intent of the Town to enter into a (5) five-year agreement with the successful bidder. Starting July 1, 2017 to June 30, 2022. The Town will only accept bids from those Bidders that provide completed bids for both Sludge and wastewater hauling and disposal. The agreement shall be extended and continue in force for the following and each successive year unless terminated by the Town in writing with sixty (60) day's written notice.
- 1.3. Bidder shall provide a list of a minimum of four (4) references, with similar scope of services performed within the last five (5) years.

2. **SCOPE OF SERVICES – SLUDGE HAULING & DISPOSAL**

- 2.1. Current Plant Flow is 1.97 million gallons/day with a sludge generation of approximately 621 dry tons/year and estimated for Fiscal Year July 2016 thru June 2017 approximately 2.40 million gallons of sludge. There is no guarantee of sludge quantities.
- 2.2. Bidder shall provide equipment, labor and all insurances required to provide hauling and disposal of sludge generated at the Wastewater Treatment Facility. In addition, backup capabilities to cover equipment or labor shortages.
- 2.3. Sludge generated is primarily from domestic sources with light industrial waste.
- 2.4. Work performed shall include transportation, processing and disposal and shall be in compliance with all latest local, state and federal regulations.
- 2.5. Bids shall be reviewed by Town Staff, Water Pollution Control Authority, and may include a visit to the Bidder's Disposal Site.
- 2.6. Bidders are required to submit two (2) alternate backup disposal sites in complete detail with the bidder's response. A copy of each agreement (without pricing) or letter from the disposal site shall be submitted with the bidder's response detailing disposal site(s) for which the bidder has an active agreement and shall state the contract period.

- 2.7. The pricing schedule has indicated varying sludge solids concentrations included in this bid based on the Town's existing system. Should the bidder offer alternative concentration capabilities, they must be submitted in detail with the bidder's response.
- 2.8. Normal work hours for sludge disposal loading shall be Monday thru Friday, 7:00 AM – 2:30 PM, unless other arrangements are made.
- 2.9. Town shall use onsite flow meter for loading of tankers to provide verification of bidder's alternate method. Bidder shall provide Town a copy of loading slip with gallons. In the event Town's flow meter is inoperable, bidder shall provide alternate method approved by Town.
- 2.10. In order to maximize hauling efficiencies the Town requires the bidder tanker capacity to be a minimum of 6,500 gallons.
- 2.11. Bidder shall be responsible for all spills due to negligence or equipment failure; cost of cleanup is that of the bidder.

3. **EXISTING SYSTEMS**

- 3.1. The mixture of primary and secondary sludge is gravity thickened to approximately 3.0% then pumped to storage tanks having a total storage capacity of 47,800 gallons. The sludge is further processed by mechanical sludge thickening equipment to a range of 5-7% solids and then stored in a storage tank prior to loading into proposed Bidders' equipment via Town pumps. In case of pump or equipment failure the Bidder shall provide vacuum pumping capability to evacuate tank(s) under these circumstances. A 6" diameter hose with cam lock fittings is utilized for loading. Scum is stored in a ground level tank with a holding capacity of 2,250 gallons and is disposed of approximately 1x/month (approximately 27,000 gals/year) this material is loaded onto a tanker with Town's pump system as scheduled by the Town. The remaining capacity of the tanker is than filled with sludge which is loaded as outlined within this section.

3.2. The following provides statistical plant data for sludge.

| Sludge | | | | | |
|---------------|-----------|-----------|-----------|-----------|-----------|
| Month | FY 16/17 | FY 15/16 | FY 14/15 | FY 13/14 | FY 12/13 |
| July | 182,000 | 221,000 | 175,500 | 175,500 | 214,500 |
| August | 195,000 | 195,000 | 221,000 | 162,500 | 214,500 |
| September | 221,000 | 195,000 | 175,500 | 149,500 | 169,000 |
| October | 188,500 | 221,000 | 201,500 | 182,000 | 188,500 |
| November | 214,500 | 227,500 | 175,500 | 182,000 | 181,500 |
| December | 91,000 | 182,000 | 208,000 | 188,500 | 169,000 |
| January | | 156,000 | 149,500 | 162,500 | 162,500 |
| February | | 156,000 | 182,000 | 149,500 | 169,000 |
| March | | 312,000 | 240,500 | 188,500 | 247,000 |
| April | | 214,500 | 188,500 | 195,000 | 247,000 |
| May | | 318,500 | 227,500 | 253,500 | 188,500 |
| June | | 221,000 | 208,000 | 201,500 | 156,000 |
| Total | 1,092,000 | 2,619,500 | 2,353,000 | 2,190,500 | 2,307,000 |
| Avg | 182,000 | 218,300 | 196,100 | 182,500 | 192,250 |

Gal. multiplier/yr. = completed FY totals/# of FY's completed

4. SCOPE OF SERVICE – WASTEWATER HAULING

- 4.1. The Town presently operates a holding tank system at this facility with a 25,000 gallon tank capacity.
- 4.2. Bidder shall provide equipment, labor and all insurances required to provide hauling of wastewater generated at our Eastbury pump station. In addition, backup capabilities to cover equipment or labor shortages.
- 4.3. All work performed shall be in compliance with all latest Local, State and Federal requirements.
- 4.4. It is anticipated pumping of the tank will occur on a scheduled basis to coincide with sludge hauling or as directed by the Town during normal work week Monday thru Friday. Adjustments to the schedule will be required for Holidays and emergencies. Due to odors generated while loading and close proximity to businesses, pumping shall occur off business hours 5:00 am – 6:30 am or 5:30 pm – 8 pm., unless other arrangements are approved by the Town.
- 4.5. An average of approximately 17,000 gallons per week is generated at this facility. Due to the nature of the system the Town does not guarantee quantity of wastewater generated.

4.6. The following provides statistical plant data for wastewater hauling.

| Eastbury | | | | | |
|-----------------|----------|----------|----------|----------|----------|
| Month | FY 16/17 | FY 15/16 | FY 14/15 | FY 13/14 | FY 12/13 |
| July | 75,525 | 107,500 | 71,500 | 78,000 | 78,000 |
| August | 79,000 | 96,350 | 71,500 | 71,500 | 65,000 |
| September | 70,920 | 92,200 | 45,500 | 58,500 | 58,500 |
| October | 63,410 | 88,445 | 104,000 | 65,000 | 58,500 |
| November | 68,150 | 70,910 | 65,000 | 58,500 | 58,500 |
| December | 21,200 | 50,900 | 97,500 | 58,500 | 45,500 |
| January | | 35,100 | 84,500 | 65,000 | 58,500 |
| February | | 34,575 | 52,000 | 65,000 | 52,000 |
| March | | 42,883 | 58,500 | 71,500 | 130,000 |
| April | | 56,150 | 91,000 | 84,500 | 123,500 |
| May | | 76,820 | 110,500 | 84,500 | 117,000 |
| June | | 76,955 | 110,500 | 78,000 | 71,500 |
| Total | 378,205 | 828,788 | 962,000 | 838,500 | 916,500 |
| Mthly Avg | 63,034 | 69,066 | 80,167 | 68,875 | 76,375 |

Gal. multiplier/yr. = completed FY totals/# of FY's completed

5. TANK & SYSTEMS

- 5.1. The system is equipped with a submersible pump system requiring the ~~Vendor's~~ Bidder's operator to connect their hose with a cam lock fittings to a ground level hose connection and activating the electric pump to load the tanker. Pumping capacity is approximately 550 gallons per minute (GPM).
- 5.2. A stand pipe within tank to ground level will be provided as a backup to be utilized in case of pump failure. The Bidder will be required to provide vacuum pumping capability to evacuate the tank under these circumstances.
- 5.3. In order to maximize hauling efficiencies the Town requires Bidder tanker capacity to be a minimum of 6,500 gallons.
- 5.4. Disposal of Eastbury wastewater is provided to the Bidder at no cost at the Town's Water Pollution Control Facility, through Town's septage receiving station which utilizes flow meter measuring gallons received. Bidder shall record on disposal slip and provide copy to Town for gallon verification upon billing.

6. PAYMENT

- 6.1. Payment shall be made within thirty (30) days upon receipt of a written invoice submitted to the Town of Glastonbury, Sanitation Department/Water Pollution Control, 2149 Main Street, Glastonbury; CT 06033, to the attention of Michael J. Bisi, Superintendent of Sanitation. Payment shall be determined by multiplying the contract price times the number of gallons transported, as defined in sections 2.10. & 5.4., by the contractor during the prior calendar month.

7. TERMINATION OF CONTRACT

- 7.1. The Town of Glastonbury reserves the right to cancel in part or in its entirety the contract, if it is in the best interests of the Town to do so. The contract may be canceled for just cause should the bidder not meet the requirements as stated herein. Cancellation shall be effective sixty (60) days after written notice is received. In such case, the hauler will be paid for all work executed, prior to agreement termination.

8. BIDDERS' RESPONSIBILITIES

- 8.1. All Bidders shall provide responses to **ALL** of the following questions. (see Bid Proposal BP-2)
- a. Emergency availability (weekends, holidays, after hours, number of trucks and sizes.)?
 - b. List of specific restrictions. If no restrictions state: NO RESTRICTIONS.
 - c. Laboratory testing requirements and methods for sludge. Outline specific parameters and schedule for testing and results? (Sludge Only)
 - d. Bidder's primary sludge disposal location and detailed disposal method? (Sludge Only)
 - e. Bidder's second sludge disposal location and detailed disposal method? (Sludge Only)
 - f. Bidder's third sludge disposal location and detailed disposal method? (Sludge Only)

INSURANCE

The Bidder shall, at its own expense and cost, obtain and keep in force during the entire duration of the Project or Work the following insurance coverage covering the Bidder and all of its agents, employees and sub-contractors and other providers of services and shall name the **Town and its employees and agents as an Additional Insured** on a primary and non-contributory basis to the Bidders Commercial General Liability and Automobile Liability policies. **These requirements shall be clearly stated in the remarks section on the Bidders Certificate of Insurance.** Insurance shall be written with insurance carriers approved in the State of Connecticut and with a minimum Best's Rating of A-VIII. In addition, all carriers are subject to approval by the Town. Minimum Limits and requirements are stated below:

1) **Worker's Compensation Insurance:**

- Statutory Coverage
- Employer's Liability
- \$500,000 each accident/\$500,000 disease-policy limit/\$500,000 disease each employee
- A Waiver of Subrogation shall be provided in favor of the Town of Glastonbury and its employees and agents.

2) **Commercial General Liability:**

- Including Premises & Operations, Products and Completed Operations, Personal and Advertising Injury, Contractual Liability and Independent Contractors.
- Limits of Liability for Bodily Injury and Property Damage
Each Occurrence \$1,000,000
Aggregate \$2,000,000 (The Aggregate Limit shall apply separately to each job.)
- A Waiver of Subrogation shall be provided in favor of the Town of Glastonbury and its employees and agents.

3) **Automobile Insurance:**

- Including all owned, hired, borrowed and non-owned vehicles
- Limit of Liability for Bodily Injury and Property Damage: Per Accident \$1,000,000
- A Waiver of Subrogation shall be provided in favor of the Town of Glastonbury and its employees and agents.

The Bidder shall direct its Insurer to provide a Certificate of Insurance to the Town before any work is performed. The Contractor shall be responsible to notify the Town 30 days in advance with written notice of cancellation or non-renewal. The Certificate shall evidence all required coverage including the Additional Insured on the General Liability and Auto Liability policies. The Bidder shall provide the Town copies of any such insurance policies upon request.

INDEMNIFICATION

To the fullest extent permitted by law, the Bidder shall indemnify and hold harmless the Town and its consultants, agents, and employees from and against all claims, damages, losses and expenses, direct, indirect or consequential (including but not limited to fees and charges of engineers, attorneys and other professionals and court and arbitration costs) to the extent arising out of or resulting from the performance of the Bidder's work, provided that such claim, damage, loss or expense is caused in whole or in part by any negligent act or omission by the Bidder, or breach of its obligations herein or by any person or organization directly or indirectly employed or engaged by the Bidder to perform or furnish either of the services, or anyone for whose acts the Bidder may be liable.



TOWN OF GLASTONBURY * 2155 MAIN STREET * GLASTONBURY * CT

BID / PROPOSAL NO: GL-2017-21 **DATE DUE:** 02-23-17

DATE ADVERTISED: 02-07-17 **TIME DUE:** 11:00 AM

NAME OF PROJECT: Sewage Sludge Disposal & Wastewater Hauling Services

In compliance with this Invitation to Bid, the Bidder hereby proposes to provide goods and/or services as per this solicitation in strict accordance with the Bid Documents, within the time set forth therein, and at the prices submitted with their bid response.

It is the responsibility of the Bidder to clearly mark the outside of the bid envelope with the Bid Number, Date and Time of Bid Opening, and it also **THE RESPONSIBILITY OF THE BIDDER TO CHECK THE TOWN'S WEBSITE BEFORE SUBMITTING BID FOR ADDENDA POSTED PRIOR TO BID OPENING.**

THE BIDDER ACKNOWLEDGES RECEIPT OF THE FOLLOWING ADDENDA AS REQUIRED:

Addendum #1 _____(Initial/Date) Addendum #2 _____(Initial/Date) Addendum #3 _____(Initial/Date)

NON-COLLUSION AFFIDAVIT:

By submission of this bid, the Bidder certifies, and in the case of a joint bid each party thereto certifies as to their own organization that this bid has been arrived at independently without consultation, communication, or agreement as to any matter relating to this bid with any other Bidder or with any competitor.

OTHER ITEMS REQUIRED WITH SUBMISSION OF BID PROPOSAL:

The following bid checklist describes items required for inclusion with the above-referenced bid proposal package. It is provided for the convenience of the bidders and, therefore, should not be assumed to be a complete list.

- _____ 1. The Bidder shall provide a minimum of four references with similar scope of services within the last five (5) years.
- _____ 2. Included Disclosure of all past and pending mediation, arbitration, and litigation cases against the Bidder within the last five (5) years.
- _____ 3. Checked Town web site for Addenda and acknowledged Addenda on page BP-1.
- _____ 4. Acknowledged Code of Ethics on page BP-2.
- _____ 5. Acknowledged Non-Collusion Affidavit on page BP-2.
- _____ 6. Clearly marked envelope with Bid Number, Date, Time of opening, Bidder's Company Name and address.

Bidders shall provide responses to ALL questions below:

- a. Emergency availability (weekends, holidays, after hours, number of trucks and sizes.)?

- b. List of specific restrictions. If no restrictions are listed state: NO RESTRICTIONS

- c. Laboratory testing requirements and methods for sludge. Outline specific parameters and schedule for testing and results? (Sludge Only)

- d. Bidder's primary sludge disposal location and detailed disposal method? (Sludge Only)

- e. Bidder's second sludge disposal location and detailed disposal method? (Sludge Only)

- f. Bidder's Third sludge disposal location and detailed disposal method? (Sludge Only)

CODE OF ETHICS

I/We have reviewed a copy of the Town of Glastonbury's Code of Ethics and agree to submit a Consultant Acknowledgement Form if I/We are selected. Yes _____ No _____*

*Bidder is advised that effective August 1, 2003, the Town of Glastonbury cannot consider any bid or proposal where the Bidder has not agreed to the above statement.

Respectfully submitted:

Print Name of Individual & Title

Doing Business as (Trade Name)

Signature of Individual

Street Address

Date

City, State, Zip Code

E-Mail Address

Telephone Number/Fax Number

Bidder shall complete pricing for all years.

(In the event the bidder has trouble with this electronic form, please print and legibly fill in data.)

| | YEAR 1 | YEAR 2 | YEAR 3 | YEAR 4 | YEAR 5 | | | |
|-----------------|--|--|--|--|--|---------------------------------------|------------------------------------|---|
| <u>% Solids</u> | <u>Cost/Gal.</u> <u>7/17 - 6/18</u> | <u>Cost/Gal.</u> <u>7/18 - 6/19</u> | <u>Cost/Gal.</u> <u>7/19 - 6/20</u> | <u>Cost/Gal.</u> <u>7/20 - 6/21</u> | <u>Cost/Gal.</u> <u>7/21 - 6/22</u> | <u>5 Year Avg</u> <u>Unit Cost</u> | <u>Gallon</u> <u>Multiplier</u> | <u>5 Year Total Sludge</u> <u>Cost (C,D,E)</u> |
| A. 3.0 - 3.9% | \$ _____ | \$ _____ | \$ _____ | \$ _____ | \$ _____ | | | |
| B. 4.0 - 4.9% | \$ _____ | \$ _____ | \$ _____ | \$ _____ | \$ _____ | | | |
| C. 5.0 - 5.9% | \$ _____ | \$ _____ | \$ _____ | \$ _____ | \$ _____ | | | |
| D. 6.0 - 6.9% | \$ _____ | \$ _____ | \$ _____ | \$ _____ | \$ _____ | | | |
| E. 7.0 - 7.9% | \$ _____ | \$ _____ | \$ _____ | \$ _____ | \$ _____ | | | |
| Avg/yr (C,D,E) | \$ _____ | \$ _____ | \$ _____ | \$ _____ | \$ _____ | \$ _____ | 2,400,000 | \$ _____ |
| F. 8.0 - 8.9% | \$ _____ | \$ _____ | \$ _____ | \$ _____ | \$ _____ | | | |
| G. 9.0 - 9.9% | \$ _____ | \$ _____ | \$ _____ | \$ _____ | \$ _____ | | | |

| <u>Eastbury</u> <u>Wastewater</u> | <u>Cost/Gal.</u> <u>7/17 - 6/18</u> | <u>Cost/Gal.</u> <u>7/18 - 6/19</u> | <u>Cost/Gal.</u> <u>7/19 - 6/20</u> | <u>Cost/Gal.</u> <u>7/20 - 6/21</u> | <u>Cost/Gal.</u> <u>7/21 - 6/22</u> | <u>5 Year Avg</u> <u>Unit Cost</u> | <u>Gallon</u> <u>Multiplier</u> | <u>5 year Total</u> <u>Wastewater Cost</u> |
|--------------------------------------|--|--|--|--|--|---------------------------------------|------------------------------------|---|
| H. Wastewater | \$ _____ | \$ _____ | \$ _____ | \$ _____ | \$ _____ | \$ _____ | 884,000 | \$ _____ |

1. Bidders shall enter unit costs for line items A through H.

2. **Sludge Calculation:** The unit costs for items C,D,E shall then be averaged by year to determine the average unit cost by year. The average unit cost by year shall then be averaged to determine the 5 year average unit cost to be used for the sludge calculation. The 5 year average unit cost shall be multiplied by 2,400,000 gallons to determine the total 5 year sludge cost (based upon line items C,D,E).

3. **Wastewater Calculation:** The unit costs for H shall be averaged to determine the 5 year average unit cost to be used for the wastewater calculation. The 5 year average unit cost shall be multiplied by 884,000 gallons to determine the total 5 year wastewater cost.

4. The sum of both 5 year totals (sludge & wastewater) shall equal the total bid amount.

5. Unit Costs shall include the total cost to the Town. The Town shall not be assessed additional fees.

Sludge & Wastewater Total Cost \$ _____
(Numeric Total Bid Amount)

(Written Total Bid Amount)