

TOWN OF CLINTON, CONNECTICUT
REQUEST FOR PROPOSALS #2022-02
LANDFILL INVESTIGATION AND CLOSURE

PURPOSE:

The Town of Clinton seeks proposals from qualified firms (“Respondents”) that will complete the closure of the Town-owned Landfill in accordance with the Connecticut Department of Energy and Environmental Protection (DEEP) regulations and standards such that the completed Landfill closure receives final approval and formal Landfill Closure Certification from DEEP for a beneficial re-use. As a part of this scope of work, the Town is also requesting that Respondents complete a geophysical survey of the Clinton Landfill located on Old Nod Road and perform geotechnical borings as appropriate to define the buried waste.

The successful Respondent will be responsible for all actions required in order to secure formal Landfill Closure Certification from DEEP. Examples of these actions could include engineering, permitting, construction, coordination with regulatory agencies, coordination with Town staff and residents, and installation of monitoring infrastructure

SCOPE OF WORK:

Before submitting a proposal, each Respondent shall familiarize themselves with the potential site as necessary to develop a proposal to undertake the Project in accordance with the terms and conditions of this RFP.

The Town anticipates the work being done in two phases with a decision point after the completion of Phase I. The Town may authorize or modify the area to be included in Phase II based on the investigation results.

Phase I – Landfill Investigation

As a part of investigating the current conditions, the successful Respondent will perform a geophysical survey to locate any utilities within the area of the former Clinton Landfill. The specific activities to be performed are listed below. Specific equipment identified below are for illustrative purposes only and an acceptable performance standard.

- Utilize ground penetrating radar (GPR) equipment such as GSSI Utility Scan equipped with a 350 megahertz (mHz) antenna; or equivalent to identify and provide cross sectional images of potential utilities or anomalies;

- Utilize electromagnetic induction (EMI) equipment such as SeekTech model SR-20 locator, line tracer and underground utility locator utilizing frequencies ranging from 10 hertz (Hz) to 35,000 kilohertz (kHz);
- Utilize ground penetrating radar (GPR) equipment such as GSSI Structure Scan Mini XT equipped with a 2.7 gigahertz (GHz) antenna ideal for locating rebar, conduits, post-tension cables, voids and real-time determination of concrete slab thickness;
- Utilize GSSI Radan 7 state of the art post processing software to create 3D grids to support in identifying conduits and anomalies present in concrete slabs;
- Mark out any identified underground utilities or anomalies with marking paint or flagging; and,
- GPR equipment may also be effective in determining the horizontal extent of the solid waste located below the existing cover material depending on the composition and density variations.

Following the geophysical survey, the successful Respondent will perform the advancement of geotechnical borings with direct-push technology and test pits excavated with a conventional backhoe to define the horizontal limits of the buried waste.

- Geotechnical borings will be advanced to a depth of 8 to 10-feet below grade to determine the presence or absence of waste materials. In the instance waste materials are observed, Respondent will offset the boring location to identify the limits of the observed waste. It is assumed that up to approximately 35 geotechnical borings will be advanced along the perimeter of the Landfill.
- At each location, a field boring log documenting the visual classification of the soils encountered will be prepared by the Respondent.
- In the instance where it is deemed unsafe, unstable, or inadequate for use of the geotechnical equipment, the Respondent will utilize heavy equipment, such as a backhoe, to perform test pits at locations around the Landfill. Test pits will be dug to depths of approximately 6 to 8-feet. The successful Respondent is expected to identify and document the visual classification of soils encountered in the test pit.
- Following the completion of each soil boring the borehole will be backfilled with a clean #2 silica sand. Soils exhumed from test pits will be returned into the test pit grave. The successful Respondent is expected to ensure that cover material observed during test pits are segregated from Landfill materials so that once backfilled, materials are returned and covered as they were prior to removal.
- Any excess soil cuttings containing waste will be containerized and managed in accordance with direction provided by the DEEP.

Borings will be advanced to provide data to complete a geotechnical assessment of the stability of the Landfill and a chemical assessment of the Landfill contents. The geotechnical assessment

data will be used to identify appropriate future post-closure uses for the surface of the closed Landfill.

The successful Respondent will perform a chemical assessment of the Landfill contents. To accomplish this, they will collect discrete soil samples from the soil borings advanced through the Landfill and will create three composite samples representative of the materials encountered. The three composite soil samples will be submitted to State-approved laboratories for analysis for Volatile Organic Compounds (VOCs) by United States Environmental Protection Agency (EPA) method 8260, Semi-volatile Organic Compounds (SVOCs) by EPA method 8270, Resource Conservation Recovery Act (RCRA) 8-listed metals plus copper, nickel, and zinc, Extractable Total Petroleum Hydrocarbons (ETPH) by the Connecticut Department of Public Health approved method, and Polychlorinated Biphenyls (PCBs) by EPA method 8082 following Soxhlet extraction. The laboratory analytical data obtained from these soil samples will be used to characterize materials historically disposed of in the Landfill, and to guide the development of the Material Acceptability Protocol (MAP).

The results of Landfill Investigation will be presented to the Town prior to advancing to Phase II.

Phase II – Landfill Closure

Landfill Closure Plan

The successful Respondent will prepare a closure plan for the Landfill. The closure plan will conform to the requirements set forth in RCSA 22a-209. The closure plan will address the final cover design, stormwater controls, Landfill gas controls (if necessary), water quality monitoring, leachate controls, post-closure maintenance and monitoring, financial assurance for closure and post-closure activities, and proposed post-closure use of the Landfill.

The closure plan will include the provision for the placement of DEEP-approved materials from off-site sources to be used to achieve the permitted grades for the Landfill. The regulatory process to obtain DEEP approval for the placement of material in a permitted Landfill with remaining capacity is to fully describe the physical and chemical characteristics of the material in a Material Acceptability Protocol (MAP). The successful Respondent will develop a MAP for the Town of Clinton's Landfill consistent with previously developed and DEEP-approved MAPs. The MAP for the Clinton Landfill will specify maximum allowable concentrations for contaminants to be present in material placed in the Landfill, and will specify the characterization sampling frequency required for any material being placed within the Landfill. The MAP will be included in the closure plan submitted to the DEEP.

Pre-Construction Permits

The successful Respondent will prepare and submit regulatory-required pre-construction permits prior to implementation of Landfill closure construction activities. These include the preparation and submission of an Inland Wetlands and Watercourses Application to the Town for approval, the preparation and submission of a Site Plan and Soil Erosion and Sediment Control Plan to the Town for approval, and the preparation of a registration for coverage under the *General Permit For The Discharge of Stormwater and Dewatering Wastewaters from Construction Activities* issued by the DEEP. The general permit registration will also include the development of a Stormwater Pollution Control Plan for the closure activities.

Landfill Closure

The successful Respondent will manage the Landfill closure activities. This will include sourcing, onsite management, and placement of approved material from various off-site sources within the Landfill and constructing the final Landfill landform in accordance with permitted grades. As part of this effort, the Respondent will implement auditable and transparent systems to ensure that soil placed within the Landfill conforms with the MAP outlined in the closure plan. The Respondent will also implement auditable and transparent systems to ensure the Landfill closure is completed in compliance with DEEP-approved closure plan and solid waste regulations, RCSA 22a-209. As part of this effort, the Respondent will provide support in the form of attending any public meetings the Town may want to hold to discuss the details of closure activities with citizens. In addition, the Respondent can assist in providing responses to any citizen inquiries regarding the closure plan.

Landfill Post-Closure Management Activities

During the course of the project, the successful Respondent will support the Town in the exploration of reuse options and asset development for the Landfill. Reuse options and asset development will be partially based on the geotechnical assessment completed for the Landfill. It is anticipated that the reuse options will be listed in the Landfill closure plan.

Public Engagement

Should DEEP or the Town Council require any public hearings related to this project, the successful Respondent is expected to provide supporting material for the relevant Town officials and/or provide representation to present the project and answer any questions at any such hearing.

PROPOSAL FORMAT:

In order to facilitate the analysis of responses to this RFP, Respondents are required to prepare their proposals in accordance with the instructions outlined in this section. Proposals should be prepared as simply as possible and provide a straightforward, concise description of the

Respondent's capabilities to satisfy the requirements of the RFP. The proposal should be organized into the following major sections:

1. Submittal Letter. Respondents shall submit a cover letter addressed to Karl Kilduff, Town Manager, signed by an authorized principal or agent of the Respondent which provides an overview of the Respondent's offer, as well as the name, title, and telephone number of the person to whom the Town may direct questions concerning the proposal. The letter shall include a statement by the Respondent accepting all terms and conditions contained in this RFP, signed by an officer or other individual with authority to negotiate and contractually bind the firm.
2. Table of Contents
3. Executive Summary. Provide an overview of the proposal (not more than two pages) describing the highlights of the response and summarizing how your firm will meet the needs and goals of the Town of Clinton.
4. Requested Information. In order to be considered each Respondent shall, at a minimum, submit the following information:
 - a. Company Overview. Provide a brief background statement as to the Respondent's particular capabilities, history, qualifications and experience, and other general introductory information on the Respondent. Also include a description of any ongoing or previous litigation the Respondent has been involved in and a statement that the Respondent is not debarred, suspended or otherwise prohibited from work by any federal, state, or local agency.
 - b. Project Team. Provide information about the key personnel to be assigned to this project including all key personnel and their proposed roles, resumes of all key personnel that will be assigned to this project, number of years key personnel have been involved in services requested in the RFP both individually and years employed with the Respondent, and evidence of all relevant licenses to do work in Connecticut, attach list and copies of documents as an appendix.
 - c. References. Provide references for at least three landfill closures with a similar scope of work as described herein, with preference towards Connecticut municipalities. Reference information should include current contact information for the municipal official(s) involved with the project.
 - d. Project Experience. Provide the following:

- Description of Respondent's experience in multiple municipal Landfill closure projects.
 - Description of Respondent's experience in multiple municipal Landfill closure projects with self-performance of site grading, capping, and drainage. Description of Respondent's experience in management of reuse soils, as well as knowledge of soil market.
 - Description of Respondent's experience successfully supporting numerous municipalities permitting and environmental activities. It is expected that Respondents will have experience partnering with various municipalities on beneficial reuse and business development projects.
- e. **Project Management Plan.** Provide a detailed narrative description of the approach to the proposed project, including how the Respondent will work with municipal agencies, and other relevant stakeholders. In addition, provide a detailed description of each task and delivery. Include a project schedule indicating key milestones and durations of various activities.
- f. **Permitting.** Respondents must demonstrate a firm understanding of permits required to successfully execute the project. The selected Respondent will be responsible for all necessary environmental testing, permitting, and compliance. To the extent possible, Respondents should identify the regulatory and permit conditions relevant to their proposal, potential conflicts between the project and existing permit conditions, and variances that might be required.
- g. **Project Funding Plan.** Provide a description of how the proposed project will be financed. Identify in great detail how the Respondent proposes to value this Project to determine the Town's ultimate financial position as a result.
5. **Non-collusion and Ethics Affidavit.** Respondents shall complete Appendix A.

INSURANCE REQUIREMENTS:

The successful Respondent shall, at its own expense and cost, obtain and keep in force appropriate insurance coverages that shall provide comprehensive general liability insurance as shall protect them from claims which may arise from operations under any contract enter into with the Town of Clinton, whether such operations be by themselves or by anyone directly or indirectly employed by them. The Town of Clinton shall be endorsed as an Additional Insured on a primary and non-contributory basis for such policies.

Insurance shall be written with Carriers approved in the State of Connecticut and with a minimum Best's Rating of A-. All Carriers are subject to approval by the Town of Clinton. The Town of Clinton reserves the right to request from the successful Respondent a complete, certified copy of each required insurance policy.

Vendors shall at all times comply with all federal, state, and local laws, ordinances and regulations and shall defend, indemnify and save harmless the Town of Clinton against any and all claims arising from the violation of any such laws, ordinances and regulations, including but not limited to challenges as to the legality of any and all vendor installations.

SUBMITTAL INSTRUCTIONS:

Interested firms or individuals should submit one (1) original statement of qualifications with three (3) printed copies and one (1) electronic copy on or before 3:00 p.m. on **Monday, March 21, 2022** to:

Town of Clinton
Attn: Karl Kilduff, Town Manager
54 East Main Street
Clinton, CT 06413

Proposals will be opened and recorded at this time. No proposals submitted after this time will be accepted. Proposals should be labeled "Town of Clinton Landfill Investigation and Closure." Faxed or electronically mailed (e-mailed) proposals will be deemed non-responsive and will not be accepted.

All inquiries shall be in writing and directed, to the individual noted above, no later than Monday, March 14, 2022. Inquires can be made via e-mail (kkilduff@clintonct.org). Any clarifications made in response to the questions of any one potential firm will be communicated in writing to all other known, potential firms.

An electronic copy of this request for proposals, along with any changes, will be posted on the Town web page (www.clintonct.org). The Town may issue Addenda to this RFP. When issued, addenda will be posted on the Town's website under the "Bid Opportunities" link located on the home page. It is the respondent's responsibility to check for and address any Addenda to this RFP.

EVALUATION CRITERIA:

It is the responsibility of each Respondent to provide information, evidence or exhibits that clearly demonstrate the Respondent's ability to satisfactorily respond to project requirements and the factors listed in this RFP. The evaluation process may include verification of references and examination of other information as the Town of Clinton deems appropriate.

The Town may conduct interviews to evaluate the Respondents and may require public presentations by Respondents. The Town of Clinton reserves the right to request or obtain additional information about any and all responses. Each response from a qualified Respondent will be evaluated and ranked solely according to the criteria set forth in this RFP.

The qualified Respondents providing completed responses will be evaluated based on the following factors:

- **Project Value Proposal** - The Respondent should clearly identify the financial benefit to the Town of Clinton of the proposed arrangement.
- **Proposal Narrative** - The response shall include an explanation of how the Respondent will approach the various tasks, including project schedule, construction, measurement and verification, and operation plans.
- **Developer Experience & Project Team** - The extent of the Respondent's experience in design, engineering, permitting and self-performing Landfill closure activities. The relevant experience and quality of project personnel and their commitment to the proposed project in Clinton. The clarity and organization of the proposed scope of work and approach will be included in the assessment of the project team.
- **Technical Proposal** – The response will be evaluated on the approach to the scope of work described herein and the demonstrated ability to successfully complete the project.

GENERAL INFORMATION:

1. The Town of Clinton reserves the right to accept or reject any and all proposals and reserves the right to waive technicalities where such action best serves the interest of the Town. The Town of Clinton reserves the right to withdraw its RFP at any time prior to final selection, in its sole discretion.
2. The Town of Clinton will be the sole and exclusive judge of quality and compliance with proposal specifications in any of the matters pertaining to this RFP. The Town reserves the

right to award the contract in any manner it deems to be in the best interest of the Town of Clinton.

3. All responses provided should be as detailed as possible to provide the proposal evaluators with enough information to make a fair assessment of the proposer's qualifications and approach.
4. All Proposals prepared in response to this RFP are at the sole expense of the Respondent, and with the express understanding that there will be no claim, whatsoever, for reimbursement from the Town for the expenses of preparation. The Town shall not be liable for any expenses incurred by the Respondent in development of this proposal or subsequent presentations.
5. The Town of Clinton will review and evaluate all proposals that have been received by the submission deadline. Evaluation of the proposals will be based on the information provided in the Respondent's submission in accordance with the submission requirements of this RFP and any interviews, references, and additional information requested by the Town of Clinton.
6. In submitting the proposal, the Respondent agrees that the proposal will remain valid for a period of one hundred twenty (120) days after the closing date for submission, and may be extended beyond that time by mutual agreement. Fees quoted must be firm, for acceptance by the Town of Clinton, for a period of one hundred twenty (120) days.
7. No contract may be assigned or transferred without the consent of the Town of Clinton.
8. Each Respondent is responsible for having read and understood each document in this RFP and any addenda issued by the Town. A Respondent's failure to have reviewed all information that is part of or applicable to this RFP, including but not limited to any addenda posted on the Town's website, shall in no way relieve it from any aspect of its proposal or the obligations related thereto.

Each Respondent is deemed to be familiar with and is required to comply with all federal, state and local laws, regulations, ordinances, codes and orders that in any manner relate to this RFP or the provision of goods or performance of the work described herein.

By submitting a proposal, each Respondent represents that it has thoroughly examined and become familiar with the scope of work outlined described in this RFP, and it is capable of performing the work to achieve the Town's objectives.

9. A Respondent filing a proposal thereby certifies that no officer, agent or employee of the Town who has a pecuniary interest in this request for proposal neither has nor shall participate in the contract negotiations on the part of the Town, that the proposal is made in good faith without fraud, collusion or connection of any kind with any other Respondent of the same call for proposals, and that the Respondent is competing solely in its own behalf without connection with or obligation to, any undisclosed person or firm.

Respondents must fully disclose, in writing to the Town on or before the closing date of this RFP, the circumstances of any possible conflict of interest or what could be perceived as a possible conflict of interest if the Respondent were to become a contracting party pursuant to this RFP. The Town shall review any submissions by Respondents under this provision and may reject any Proposals where, in the sole opinion of the Town, the Respondent could be in a conflict of interest or could be perceived to be in a possible conflict of interest position if the Respondent were to become a contracting party pursuant to this RFP.

APPENDIX A
REQUEST FOR PROPOSALS
LEASE FOR MUNICIPAL LAND FOR SOLAR DEVELOPMENT
NON COLLUSION AFFIDAVIT FORM

The undersigned proposer, having fully informed himself/herself/itself regarding the accuracy of the statements made herein, certifies that:

- (1) the proposal is genuine; it is not a collusive or sham proposal;
- (2) the proposer developed the proposal independently and submitted it without collusion with, and without any agreement, understanding, communication or planned common course of action with, any other person or entity designed to limit independent competition;
- (3) the proposer, its employees and agents have not communicated the contents of the proposal to any person not an employee or agent of the proposer and will not communicate the proposal to any such person prior to the official opening of the proposal; and
- (4) no elected or appointed official or other officer or employee of the Town of Clinton is directly or indirectly interested in the proposer's proposal, or in the supplies, materials, equipment, work or labor to which it relates, or in any of the profits thereof.

The undersigned proposer further certifies that this affidavit is executed for the purpose of inducing the Town of Clinton to consider its proposal and make an award in accordance therewith.

Legal Name of Proposer

(signature)
Proposer's Representative, Duly Authorized

Name of Proposer's Authorized Representative

Title of Proposer's Authorized Representative

Date

Subscribed and sworn to before me this _____ day of _____,
202__.

Notary Public

My Commission Expires: