

BID No. 2020-021 - ADDENDUM #2

**SOLICITATION OF BIDS
THERMAL REMEDIATION OF VOLATILE ORGANIC COMPOUNDS
FORMER WASTEWATER TREATMENT FACILITY
SARL DRIVE
SALEM, NEW HAMPSHIRE**

Designed By:

**GeoInsight, Inc
186 Granite Street, Ste. 3A
Manchester, New Hampshire 03101**

Prepared For:

**Town of Salem – Municipal Services Department
33 Geremonty Drive
Salem, New Hampshire 03079**

Date: January 19, 2021

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This Bid Addendum #2 was prepared to clarify bid response submittal requirements for the *Solicitation of Bids (Bid No. 2020-021), Thermal Remediation of Volatile Organic Compounds, Former Wastewater Treatment Facility, Sarl Drive, Salem, New Hampshire* (Solicitation Document). Bid response packages from Thermal Remediation Contractors (TRCs) shall state receipt of this Addendum #2 in the signature block provided on the Schedule of Prices – Revision #2, which is included as Attachment A to this Bid Addendum.

Bids will be received at the office of the Purchasing Agent, attention Christine Wholley, Salem Town Hall, 33 Geremonty Drive, Salem, New Hampshire 03079 until **11:00 AM on January 28, 2021**. Shortly thereafter, bids will be opened and bid prices will be read aloud. Town Hall is currently operating under reduced public hours due to COVID-19 and bid openings will be held virtually using Zoom teleconferencing software. Instructions for viewing bid openings will be posted on the Town website at www.salemnh.gov | www.townofsalemnh.org/purchasing/pages/current-bids-proposals-and-awards.

Bid submissions shall include a completed Schedule of Prices – Revision #2, technical proposal, and other elements requested in the December 17, 2020 Solicitation Document and Addendum #1. Bid submissions shall be provided in a sealed envelope clearly identified with the Bidder's name and address. Bids submissions shall include two paper copies of the bid documents, and one USB (“thumb”) drive containing an electronic copy of the bid submittal documents in Portable Document Format (PDF), all in the sealed envelope.

ATTACHMENT A
SCHEDULE OF PRICES – REVISION #2

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BID FORM - SCHEDULE OF PRICING

BID ITEM	DESCRIPTION	TOTAL PRICE
1.0	<p>Task 1: Provide a lump sum cost to complete the final design (PE Stamped) of the system. Cost shall include all labor, equipment, materials, per diems, appurtenances, overhead and profit necessary to complete the successful design of the ISTRS including incorporating comments from the NHDES on the GeoInsight Remedial Design Report (which will include the TRC's preliminary remedial design provided in the Solicitation Response).</p> <p>Invoices may be prepared and payment issued based upon completion of the following milestones/subtasks:</p> <ul style="list-style-type: none"> • Submission and approval of TRC's Final Design Plans by Town/Engineer. 	<p>\$ _____ LUMP SUM</p>
2.0	<p>Tasks 2a through 2e: Provide lump sum cost to complete construction/installation and start-up of the approved ISTRS. Cost shall include all labor, equipment, materials, per diems, and appurtenances necessary to complete the successful implementation, installation and start-up of the ISTRS. The demonstration shall also include automated operation for two week continuous week without operational disruption. Lump sum shall include all taxes and associated fees to complete this task.</p> <p>Invoices may be submitted and payment issued based upon completion of the following milestones/subtasks:</p> <ul style="list-style-type: none"> • Task 2a – Procurement & Mobilization; • Task 2b – Subsurface Installation (e.g., electrodes, heating elements, steam injection wells, vents, temperature probes, etc.); • Task 2c – Surface Construction (e.g., temporary treatment system buildings and structures, security barriers, signage, etc.); • Task 2d – System Startup; and • Task 2e – Completion of Two-Week Shakedown. <p>30 percent of the Task 2 total costs/payment will be retained and paid proportionally upon attaining Task 3 milestones (see Section 2.2)</p> <p>Soil sample collection <u>add-on/option</u> (Task 2b) during temperature monitoring probe installation.</p>	<p>Subtask Costs:</p> <p>\$ _____ LUMP SUM</p> <p>\$ _____ LUMP SUM</p> <p>\$ _____ LUMP SUM</p> <p>\$ _____ LUMP SUM</p> <p>\$ _____ LUMP SUM</p> <p>TASK 2 TOTAL:</p> <p>\$ _____</p> <p>\$ _____ LUMP SUM (Task 2b add-on/option)</p>

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3.0	<p>Task 3: Provide lump sum costs to operate and maintain the ISTRS. Cost shall include all labor, equipment, materials, per diems, appurtenances, overhead, and profit, monthly status report preparation fees, performance and public safety monitoring to be performed by the TRC (such as its own performance soil sampling data to monitor progress toward the cleanup goals [separate from the third-party verification sampling to be collected by the Engineer] and vapor, heated groundwater, and DNAPL and dissolved contaminant migration monitoring program fees) as necessary to achieve the performance cleanup goals and adequately document such performance.</p> <p>Invoices may be prepared and payment issued based upon completion of the following milestones/subtasks (other milestones may be proposed by the TRC and approved by Town):</p> <ul style="list-style-type: none"> Task 3a – completion of the O&M period to reach the performance cleanup goal to eliminate DNAPL; Task 3b – completion of the O&M period to reach the performance cleanup goal to reduce CVOCs in soil to concentrations to below the NH-SRSs in the ‘outer treatment zone ring;’ and Task 3c – completion of the O&M period to reach the performance cleanup goal to reduce CVOCs in soil to concentrations below NH-SRSs in the ‘inner’ former DNAPL source area of the treatment zone. TRC-provided energy (electrical/ and/or natural gas) costs Note: includes costs for TRC-provided energy Alternate/Option: Energy costs if paid directly by Town (Utility’s direct cost to Town with no markup). 	<p>Subtask Costs:</p> <p>\$ _____ LUMP SUM</p> <p>\$ _____ LUMP SUM</p> <p>\$ _____ LUMP SUM</p> <p>\$ _____ /Unit Energy Estimated number of energy units: _____</p> <p>\$ _____ Total Energy Cost</p> <p>TASK 3 TOTAL:</p> <p>\$ _____</p> <p>\$ _____ /Unit Energy</p>
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4.0	<p>Task 4: Provide lump sum costs to close-out the ISTRS including: the dismantling, removal, and demobilization of the system and all support equipment and structures; decommissioning (grout sealing) of temperature probes, groundwater monitoring wells (if installed by the TRC), and boreholes resulting from removed/abandoned heating elements or steam injection wells; restoration of the Site to pre-construction conditions (including loam and seeding, and establishment of grass on ground surface areas disturbed by the removal of the ISTRS); and preparation of a ISTRS Completion Report. Cost shall include all labor, equipment, materials, per diems, appurtenances, overhead and profit necessary to close-out the Site and demobilize the Site.</p> <p>Invoices may be prepared and payment issued based upon completion of the following mile milestones/subtasks:</p> <ul style="list-style-type: none"> • Task 4a – System Dismantle/Removal/Demobilization; • Task 4b – Site Restoration; • Task 4c – Demobilization; and • Task 4d – Final Report. <p>Other milestones may be proposed by the TRC and approved by the Town/Engineer.</p>	<p>Subtask Costs:</p> <p>\$ _____ LUMP SUM</p> <p>\$ _____ LUMP SUM</p> <p>\$ _____ LUMP SUM</p> <p>\$ _____ LUMP SUM</p> <p>Task 4 TOTAL:</p> <p>\$ _____</p>
TOTAL COSTS ALL BID ITEMS:		\$ _____
Preliminary Design	<p>Preliminary ISTRS Engineering Design: preliminary overall system design and site plans suitable for presentation to the NHDES as an attachment in a Remedial Design Report to be prepared by GeoInsight. The design shall be of sufficient detail such that the Town may evaluate the TRC's proposed approach and its applicability to the Site.</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
Schedule	<p>Project Proposed Schedule: The TRC shall provide a detailed schedule for the development and approval of the final design, construction, O&M, and closeout of the ISTRS per this Solicitation Document.</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p>
Past Performance	<p>Past Performance: The TRC shall present a minimum of three completed projects of similar size and scope including addressing the contaminants of concern and performance outcome in similar lithology. Please attach separate sheets to provide this information. Corporate write-ups/case-studies are allowable as long as they meet the requested information.</p>	<p><input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p style="text-align: right;">Bid Form Page 3 of 4</p>

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COMPANY NAME: _____
DATE: _____

SUBMITTED BY: _____
EMAIL: _____
[signature]

[Printed Name]

[Title]

PRIMARY TECHNICAL CONTACT: _____
[Printed Name]

[Email]

[Telephone]

SCHEDULE OF PRICING, REVISION #2 -

Acknowledgment of receipt of Bid Addendum No.1, dated January 15, 2021 AND
Bid Addendum No. 2, dated January 19, 2021.

Name: _____

Signature: _____