

REQUEST FOR PROPOSAL

NO. 2025-110

UNDERGROUND STORAGE TANK REMOVAL

Date: July 3, 2025

To Whom It May Concern:

Lewis County is seeking a qualified contractor to remove one (1) 8,000-gallon underground storage tank (UST) system formerly used to store fuel oil at the former Lyons Falls Elementary School located at 6832 McAlpine Street, Lyons Falls, New York.

All proposals to be mailed to:

Cassandra Moser, Clerk of the Board
County Courthouse, 2nd Floor Room 225
7660 North State Street
Lowville, New York 13367

or delivered in person between the hours of 8:30 A.M. and 4:30 P.M., Monday through Friday.

All proposals must be received on or before **2:00 p.m. on Monday, July 28th, 2025**. Late proposals will not be considered.

Lewis County reserves the right to forego any formalities and reject any or all proposals. Lewis County is an Equal Opportunity Employer.

This RFP can be found on and downloaded from the Lewis County Website:

www.lewiscountyny.gov

Sincerely,



Brian Hanno
Lewis County Purchasing Director

Introduction

1.1 Purpose/Objective

Lewis County is seeking a qualified contractor to remove one (1) 8,000-gallon underground storage tank (UST) system formerly used to store fuel oil at the former Lyons Falls Elementary School located at 6832 McAlpine Street, Lyons Falls, New York. The project also includes requirements for excavated material handling. All excavated material generated is considered a solid waste and may or may not be contaminated with low level metal, volatile organic compound, and/or semi-volatile organic compound impacts based on previous subsurface investigations performed on the Site.

The County intends to open the bid responses to this RFP on **Monday, July 28th, 2025, at 2:00 p.m.**, and to select qualified firm, if any.

1.2 Inquiries

Any questions related to this RFP should be directed to Brian Hanno, Purchasing Director, by email at brianhanno@lewiscounty.ny.gov

1.3 Minority, Women-owned Enterprises and Service-Disabled Veteran-Owned Businesses:

For purposes of this solicitation, Lewis County encourages and invites proposals from MWBE and SDVOB firms. Lewis County has an overall goal of 20% for MWBE participation, 10% for State certified Minority-Owned Business Enterprise (“MBE”) participation and 10% for State certified Women-Owned Business Enterprise (“WBE”) participation (based on the current availability of qualified MBEs and WBEs).

1.4 Taxes

No charge will be allowed for federal, state, sales, and excise taxes from which the County is exempt. Exemption Certificates will be provided upon request.

1.5 New York State Prevailing Wage Rates

If any portion of work being bid is subject to the prevailing wage rate provisions of the NYS Labor Law, the successful bidder is responsible for complying with all current labor rates and regulations throughout the duration of any contract resulting from this bid and will conduct his business in strict compliance with County Law, New York State Labor Laws, Federal OSHA Laws, and all other laws that apply. The current schedule(s) of the prevailing rates and hourly supplements for this project may be accessed at the New York State Department of Labor website @ www.labor.state.ny.us.

All contractors and subcontractors submitting bids or performing construction work on public work projects or private projects covered by Article 8 of the Labor Law are required to register with the NYS Department of Labor (DOL) under Labor Law Section 220-i.

1.6. Protest and Appeal Procedures

Interested parties aggrieved by a solicitation or the award of any resulting contract, may file written notice of protest with the Lewis County Manager at 7660 North State Street, Lowville, New York 13367. At a minimum, such protests shall include: 1) the name of the protestor; 2) the solicitation project name and description; and 3) a statement of grounds for protest (reference specific text in the Request for Proposal). The decision of the Lewis County Manager is final and is not subject to appeal.

The Lewis County Manager or his designee shall determine the merits of said protest. He or she shall set a time and place for a hearing of the protest and shall advise all competitors

that a protest has been filed. The County Manager may receive evidence and legal arguments from any interested party but shall not be bound by the rules of evidence or formal procedure. Unless otherwise directed by the County Manager, issues will be decided based on written evidence and written arguments. All documents received by the County Manager shall be stamped with the date and time received and logged into the protest file folder. The County Manager shall promptly issue his findings and conclusions to the protesting party in writing and shall advise the Lewis County Purchasing Director and all interested parties.

Issues addressing the adequacy of the request for proposals, including without limitation the instructions, general conditions and specifications, and scope of work must be received by the County Manager no later than three (3) business days before the proposal's due date. Thereafter, such issues are deemed waived by all interested parties. Where the County Manager decides that a protest lacks merit, all interested parties shall be so advised in writing and the evaluation and award process will continue.

Notice of protest against an award must be received by the County Manager within five (5) business days immediately following the award. Where notice of protest against the award is received prior to the entry into the contract for the relevant procurement, and Lewis

County has not made a finding that procurement is urgently needed or performance will be unduly delayed or delay will result in undue harm to Lewis County, the execution of the contract will be deferred until the County Manager passes upon the issues presented by the protest.

Where the County Manager decides that the protest lacks merit, the contract may be executed after five (5) business days have elapsed commencing with the first day following the date of the County Manager's decision. The County Manager's decision shall be in written form. Notice of decision shall be served upon all interested parties by certified mail.

General Description or Required Performance Outcomes

2.1 Scope of Work/Specifications

This RFP is intended to identify the best qualified contractor to complete the underground storage tank removal. **The full summary of work is included in Appendix A.**

SPECIFIC REQUIREMENTS:

3.1 The Vendor firm agrees to provide services to the County as an independent contractor and not as an employee, as those terms are understood for New York and Federal law purposes. The Firm agrees to provide for, secure, and/or be solely responsible for any and all required fees, permits, Workers Compensation coverage, Unemployment Insurance, Disability Insurance, Social Security contributions, income tax withholding and any other insurance or taxes, including but not limited to Federal and New York taxes, for any persons performing services pursuant to a subsequent agreement, including the Contractor, and any employees of the selected Firm. The Vendor agrees to indemnify the County and hold the Country harmless from any claims, suits, losses, or damages, including reasonable attorney's fees, resulting from any failure on the part of the contractor to satisfy its obligations as states herein.

3.2 The Vendor acknowledges and agrees to purchase, register, and insure any and all necessary equipment and vehicles to provide the scope of services identified. Automobile liability insurance must have a minimum limit for bodily injury and property damage of \$1,000,000 /\$2,000,000

3.3 The Vendor acknowledges and agrees to purchase comprehensive general liability insurance with minimum liability limits of \$1,000,000 / \$2,000,000 for personal injury and property damage, and \$2,000,000 aggregate to protect against claims brought against the County, which may arise from the provision of services under a subsequent agreement.

Vendor agrees to name the County, State of New York and the Housing Trust Fund Corporation as an additional primary insured.

3.4 The Vendor agrees to indemnify the County and hold the County harmless from any claims (including but not limited to claims under Labor Law Section 240, if applicable), suits, losses, or damages resulting from or relating to any services provided by the Vendor and/or equipment or materials used by the Vendor, or any other person performing services pursuant to a subsequent agreement. The Vendor shall be liable to the County for any loss, damage or destruction of any property, including hazardous contamination, materials, goods, documents, or other items, including reasonable attorney's fees, resulting from or related to the negligence, or other wrongful acts of the Vendor, the Vendor's employees, or any other person performing services pursuant to a subsequent agreement.

3.5 The Vendor may not assign, transfer, sublet or otherwise dispose of the Agreement without the prior written consent of the County.

3.6 The County reserves its right to require additional contractual provisions it deems appropriate to give effect to this Proposal.

3.7 This contract may be terminated or suspended by Lewis County if the Vendor abandons the work under this contract; is in violation of any conditions of this contract and permit; fails or refuses to conform with the requirements of this contract; or if at any time the Lewis County is of the opinion that the Vendor is willfully violating any of the conditions of the contract or executing same in bad faith; or that, the Vendor has failed to promote work in a diligent manner.

ELIGIBLE APPLICANTS

4. To be deemed an eligible applicant, you must have properly registered (if required) and insured equipment and be licensed (if required) to operate said equipment.

PROPOSAL FORMAT

5. Interested vendors are required to complete and submit Appendix B, Bid Form Lewis County UST System Removal.

Vendor must also include the signature page, the non-collusion form, anti-sexual harassment form, corporate attestation form, and Iran Divestment Act set forth at the end of this RFP.

BASIS OF AWARD:

6.1 All proposals will be evaluated to determine if they meet the requirements of the Request for Proposal. The County may, as it deems necessary, conduct discussions with the contractor(s) it deems reasonably suspected of being selected for award, for the purpose of clarification and responsiveness to requirements. The County may assign varying weight to criteria and reserves its right to make an award based upon said criteria, including "best value", if applicable.

6.2 Information gathered by the County from the RFP, during any interviews, and any other information and factors deemed relevant by the County may be considered in a final award. Some additional information and criteria the County may consider includes but is not limited to the bidder's commitment to Lewis County, reputation of the contractor, commitment to quality of services, responsiveness.

6.3 The County reserves the right to accept or reject any and all Proposals.

6.4 The Award may be made to the most responsible bidder whose proposal is determined to be in the best interest of Lewis County and deemed to best serve the County's needs and requirements, based on the evaluation of all relevant criteria and information provided including an interview with Contractor and the Award Committee.

6.5 A successful bidder is encouraged by the County to use in-county and/or local vendors, supply entities and labor force, if possible, in providing the services under the contract awarded for this project, but is not required to do so, nor is same a criteria in the award determination.

6.6 The Award Committee will consist of the Finance and Rules Legislative Committee, County Manager, Director of Planning, and the County Attorney. The County reserves the right to reject any and all bids and to waive any informality in bids received whenever such rejection or waiver is in the interest of the County. Price will not necessarily be the determining factor in the award of the contract. The Award Committee will make its recommendation to the full Board of Legislators for their approval. Contract award will be made by resolution of the Board of Legislators.

6.7 Contractors will be notified in writing of the successful award after formal acceptance by the Lewis County Legislature.

CONTRACT PERIOD:

7.1 The intent of the County is to award this contract on August 5, 2025. It is expected that this project will be substantially completed by **September 16, 2025**. If bidders cannot meet the substantial completion date listed, submit with your bid a proposed substantial completion date if it differs from that listed.

GENERAL INFORMATION:

8.1 Your proposal must include the following to be considered:

- Name, Address, Contact Person.
- Telephone Number/Fax Number/E-mail Address.
- Essential information about the company providing the service, including the correct and full legal name of the business and tax identification number.
- All Required Forms

8.2 PROPOSAL REQUIREMENTS:

- Proposals must be accompanied by a Signed Signature Page. Signed Non-Collusion Statement, Signed Anti-Sexual Harassment statement, and signed Attestation of Good Standing if corporate entity, and signed Iran Divestment Act. These forms can be found at the end of these specifications.
- One original and one (1) copy on a flash drive is required.
- Read all documents contained in the proposal package.
- Proposals must be submitted to:
Cassandra Moser, Clerk of the Board
Lewis County Courthouse
7660 North State Street
Lowville, New York 13367

To be considered, the proposal must be received no later than **2:00 PM on Monday, July**

28th, 2025. No proposals will be accepted after the designated time. Bid packages will be opened on said date and time in the Courthouse Building, Second Floor Chambers, 7660 North State Street, Lowville, NY 13367.

Providers shall indicate on the outside of their sealed proposal the following information:

- Title of Proposal and Proposal Number if any
- Date and Time of Proposal Opening
- Company Name / Bidders Name

Failure to do so may result in the rejection of the proposal as being unresponsive.

8.3 LATE PROPOSALS:

Proposals received in the Clerk of the Board's Office after the date and time prescribed shall not be considered for contract award and shall be returned, unopened, to the Contractor. Any delay due to traffic, weather, mail or express delivery is not an exception to the deadline for receipt of proposals. Please plan accordingly.

8.4 NON-COLLUSION STATEMENT; SEXUAL HARASSMENT POLICY STATEMENT:

Non-Collusion Statement and Sexual harassment compliance statements shall be returned with your proposal.

8.5 PROPOSAL CONTENT:

All information required by these specifications must accompany the proposal or provider may be disqualified.

8.6 ADDENDA:

Addenda are written instruments issued by the County prior to the date for receipt of offers which modify or interpret the specification document by addition, deletion, clarification or correction. Addenda will be e-mailed to all who are known by the County to have received a complete set of specification documents. Addenda will also be posted on the Lewis County website, www.lewiscountyny.gov. Copies of addenda will also be made available for inspection at Purchasing Director's Office located in the County Courthouse Building. No addendum will be issued later than forty-eight (48) hours prior to the date and time for the receipt of offers, except an addendum withdrawing the RFP, or addendum including postponement.

8.7 PROPOSAL RECEIPT BY A THIRD PARTY:

Any Contractor submitting a proposal based on incomplete or inaccurate information resulting from documentation received from any third party shall not have cause for relief from award or completion of a contract in accordance with the official documents on file with the County of Lewis. It is STRONGLY suggested that all Contractors interested in participating in this proposal, contact the Lewis County Purchasing Department directly to assure they have received the most accurate and up to date material concerning this contract. The County does not offer or supply anyone the list of people that have obtained a copy of these RFP specifications for the project prior to the opening of the RFP. NO EXCEPTIONS ARE MADE TO THIS POLICY.

8.8 FREEDOM OF INFORMATION LAW (FOIL)

All material submitted in response to this Bid becomes the property of the County, with same being considered public records after the award of the contract, subject to confidentiality

and exemptions set forth in the Public Officers Law. Proposals will not be shared with any competing offerors during the selection phase of this procurement, however, after award of the contract to the successful offeror, proposals and/or lawful parts of proposals received in response to this RFP may be subject to disclosure under the Freedom of Information Act. Information in proposals that is clearly identified as proprietary will not be disclosed at any time. Blanket statements that all contents of the proposal are confidential and proprietary will not be honored by the County. The New York State Freedom of Information Law (FOIL), as set forth in Article 6 of the Public Officers Law mandates public access to certain government records. Generally, proposals submitted in response to this Bid may constitute government records subject to FOIL.

Proposals may contain, among other things, certain technical, financial, or other data and information that constitute trade secrets if publicly disclosed. To protect this information from disclosure under FOIL, Proposers should specifically identify the pages of the proposal that contain such information by properly marking the top of the applicable pages with “with the notation: “CONFIDENTIAL” and inserting the following statement in the front of its proposal: “The information or data on pages _____ of this proposal, identified on the top thereof as “CONFIDENTIAL”, contain financial, technical, or other information which constitute government records subject to FOIL.” Bidder should explain, among other things, certain technical, financial, or other data and information that constitute trade secrets, if publicly disclosed, that could cause substantial injury to the commercial enterprise’s competitive position, and request that the County use such information only for the evaluation of this proposal.

Bidder must understand that the County is required to comply with the provisions of the New York State Freedom of Information Law (FOIL), and that public disclosure of the information contained in this proposal whether or not marked as “CONFIDENTIAL” may be required. Bidder shall make no claim for any damages as a result of any such disclosure by the County pursuant to FOIL. In the event the County receives a FOIL request for disclosure of information marked as “CONFIDENTIAL”, the Proposer/Bidder shall be notified of the request and may expeditiously submit a detailed statement and explanation indicating the reasons it has for believing that the information requested is exempt from disclosure under the law. This detailed statement and explanation shall be used by the County in making its determination as to whether disclosure is required under the law.

9. CONFLICTING TERMS:

9.1 The requirements provided in the “specification” portion of these documents shall govern in any conflict with any other language provided in the general “Terms and Conditions” or any other boilerplate type information. Any conflict between the specification language and any boilerplate language will be resolved in favor of the specification language.

10. EXECUTORY CLAUSE:

10.1 Any contract offered in response to this RFP shall contain the following clause: “This Contract shall be deemed executory only to the extent of funds appropriated by the Lewis County Board of Legislators and available for the purposes of this Agreement; and no liability on account thereof shall be incurred by Lewis County beyond the amount of such funds.”

11. NO JOINT BIDS:

11.1 Joint Bids will not be accepted. For purposes of the specifications, the term joint Bid shall include, but is not limited to, any Bid submitted jointly by two or more Contractors in the name of partnership, joint venture or other legal entity formed for the purpose of submitting such a Bid or to be formed for the purpose of entering contract pursuant to such Bid/RFP.

12. PAYMENTS UNDER CONTRACT AWARD:

12.1 Payment for services shall be following receipt of vendor claims and invoices in accordance with Lewis County accounting/payment practices. All invoices must be itemized and typed out. Any claim against the contractor may be deducted by the County from any money due him in the same or other transactions. In any case where a question of non-performance of a contract arises, payment may be withheld in whole or in part at the discretion of the County as compensation for any loss, damage, or cost incurred by the County as a result of said non-performance.

13. CONFLICTS OF INTEREST:

13.1 In executing and submitting this Bid, the bidder represents and warrants that no person who is an elected official, officer, or employee of Lewis County, nor any person whose salary is payable, in whole or in part, by the County, or any corporation, partnership or association in which such official, officer or employee is directly interested, shall have a direct financial interest, in the contract to be awarded hereunder or in the proceeds thereof, unless such person completes and submits a Disclosure Form, on a form acceptable to the County, disclosing their interest or seeks a formal opinion from the Lewis County Ethics Board as to whether or not a conflict of interest exists. For a breach or violation of such representations or warranties, the County shall have the right to annul this Agreement without liability entitling the County to recover all monies paid hereunder and Contractor shall not make claim for, or be entitled to recover, any sum or sums otherwise due under any contract awarded hereunder.

14. IRANIAN ENERGY SECTOR DIVESTMENT:

14.1 Contractor hereby represents that said Contractor is in compliance with New York State General Municipal Law Section 103-g entitled "Iranian Energy Sector Divestment", in that said Contractor has not: a. Provided goods and services of \$20 Million or more in the energy sector of Iran including but not limited to the provision of oil or liquified natural gas tankers or products used to construct or maintain pipelines used to transport oil or liquified natural gas for the energy sector of Iran; or b. Acted as a financial institution and extended \$20 Million or more in credit to another person for forty-five days or more, if that person's intent was to use the credit to provide goods or services in the energy sector in Iran. Any Contractor who has undertaken any of the above and is identified on a list created pursuant to Section 165-a (3)(b) of the New York State Finance Law as a person engaging in investment activities in Iran, shall not be deemed a responsible Bidder pursuant to Section 103 of the New York State General Municipal Law. Except as otherwise specifically provided herein, every Contractor submitting a bid in response to this Request for Bids must certify and affirm that it is not on the list created pursuant to NYS Finance Law Section 165-1 (3)(b), as set forth on one of the required forms located at the end of this RFP.

YOU MUST RETURN THIS SHEET WITH YOUR PROPOSAL

SIGNATURE PAGE

REQUEST FOR PROPOSAL
No. 2025-110
Underground Storage Tank Removal

TO: Clerk of the Board, County of Lewis

THE UNDERSIGNED PROPOSES TO PROVIDE THE GOODS AND SERVICES required as set forth in the referenced Request for Proposal. If successful, the Bidder hereby agrees to furnish the goods and services in accordance with all terms, conditions and specifications contained within referenced Request for Proposal, at prices submitted in referenced specifications. I certify that I am authorized to sign this proposal, myself or on behalf of the company or firm I represent, and to enter into a binding contract with Lewis County. This signed proposal will become part of a binding contract after award by the Lewis County Legislature to the successful bidder.

NOTE: By signing and submitting the proposal form for consideration by the Lewis County Legislature, the Contractor acknowledges they have read, understood, and agree to all aspects of the specifications as presented without reservation or alteration.

_____	_____	
Legal name of person/firm/corporation	Authorized Signature/ Position	
_____	_____	
Address	Typed Name	
_____	_____	
City/State/Zip	Title	
_____	_____	
Date	Telephone No.	_____
		Fax No.

E-mail address		

YOU MUST RETURN THIS SHEET WITH YOUR PROPOSAL

NON-COLLUSION FORM

REQUEST FOR PROPOSAL

No. 2025-110

Underground Storage Tank Removal

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, as to its own organization, under penalty or perjury, that to the best of his or her knowledge and belief:

1. The prices in this bid have been arrived at independently without collusion, consultation, communication, or agreement, for the purpose of restricting competition, as to any matter relating to such prices with any other bidder or with any competitor.
2. Unless otherwise required by law, the prices which have been quoted in this bid have not been knowingly disclosed by the bidder and will not knowingly be disclosed by the bidder prior to opening, directly or indirectly, to any other bidder or to any competitor; and
3. No attempt has been made or will be made by the bidder to induce any other person, partnership, or corporation to submit or not to submit, a bid for the purpose of restricting competition.
4. No person, broker or selling agent has been employed or retained by the bidder to solicit or secure this award upon an agreement or upon an understanding for a commission, percentage, a brokerage fee, contingent fee or any other compensation. The bidder further represents and warrants that no payment, gift or thing of value has been made, given or promised to obtain this or any other agreement between the parties.

In compliance with this invitation for bids, and subject to the conditions thereof, the undersigned offers and agrees, if this bid is accepted within forty-five (45) days from the date of opening, to furnish any and all of the items upon which prices are submitted.

Legal name of firm/corporation

Authorized Signature

Address

Typed Name

City/State/Zip

Title

Date

Telephone No.

Fax No.

YOU MUST RETURN THIS SHEET WITH YOUR PROPOSAL

AFFIRMATION STATEMENT ON SEXUAL HARASSMENT

REQUEST FOR PROPOSAL

No. 2025-110

Underground Storage Tank Removal

In compliance with State Finance Law § 139-l, the undersigned bidder hereby certifies and affirms under penalty of perjury:

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that the bidder has and has implemented a written policy addressing sexual harassment prevention training to all of its employees. Such policy shall, at a minimum, meet the requirements of section two hundred one-g of the labor law.

Legal name of firm/corporation

Authorized Signature

Address

Typed Name

City/State/Zip

Title

Date

Telephone No.

Fax No.

Note: Pursuant to State Finance Law §139-l 3, if the Bidder cannot make the foregoing certification and, such bidder shall so state and shall furnish with the bid a signed statement which sets forth in detail the reasons, therefore.

YOU MUST RETURN THIS SHEET WITH YOUR BID

CORPORATE APPLICANT/ENTITY ATTESTATION OF GOOD STANDING

REQUEST FOR PROPOSAL
No. 2025-110
Underground Storage Tank Removal

As a duly authorized official of the Applicant Entity identified below, I certify and attest that the following conditions are true and accurate:

The applicant is not currently the subject of an enforcement action related to an investigation by a State or Federal agency.

The applicant corporate entity is in good standing and is in compliance with required corporate filings.

Legal name of firm/corporation

Authorized Signature

Address

Typed Name

City/State/Zip

Title

Date

Telephone No.

Fax No.

YOU MUST RETURN THIS SHEET WITH YOUR BID

CERTIFICATION OF COMPLIANCE WITH THE IRAN DIVESTMENT ACT

REQUEST FOR PROPOSAL

No. 2025-110

Underground Storage Tank Removal

As a result of the Iran Divestment Act of 2012 the Office of General Service must develop a list of persons who are engaged in certain investment activities in Iran. Contracts cannot be awarded to persons or entities on that list, with some exceptions. All bidders are required to execute the following statement:

By submission of this bid, each bidder and each person signing on behalf of any bidder certifies, and in the case of a joint bid each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each bidder is not on the list created pursuant to Paragraph (b) of Subdivision 3 of Section 165a of the State Finance Law.

Corporate or Company Name

BY:

Signature

Title

NOTE: If the bidder cannot make the above certification, it shall so state and furnish with the bid a signed statement which sets forth in detail the reason for that.

RECEIPT OF ADDENDUM ACKNOWLEDGMENT

No. 2025-110
Underground Storage Tank Removal
ADDENDUM ACKNOWLEDGEMENT
ADDENDUM NO. _____

Please acknowledge the receipt of the above ADDENDUM issued by the County of Lewis, by signature and recording the date of receipt below.

Bidder: _____

Authorized Signatory: _____ Date: _____

****NOTE:** This form must be included in your bid documents if any Addendum is issued

NON-BIDDER'S RESPONSE

For the purpose of maintaining accurate Bidder's lists and facilitating your firm's response to our invitation for bid, the County of Lewis is interested in ascertaining reasons for prospective Bidder's failure to respond to invitations for bids. If your firm is not responding to this bid, please indicate the reason(s) by checking any appropriate item(s) below and returning this form to the Lewis County Purchasing Director, 7660 North State Street, Lowville, New York 13367. This form may be returned by mail or fax. Faxes may be sent to 315-376-4917. Failure to submit either a bid proposal or return this form will result in removal of your firm's name from our Bidder's lists. Thank you for your cooperation.

We are not responding to this invitation for bid for the following reason(s)

Items or materials requested not manufactured by us or not available to our company.

Our items or materials do not meet specifications.

Specifications not clearly understood or applicable (too vague, too rigid, etc.)

Quantities too small.

Insufficient time allowed for preparation of bid.

Incorrect address used. Correct mailing address is:

Our branch/division handles this type of bid.

Correct name and mailing address is:

We are unable to bid but would like to continue to receive invitations for bids.

We are unable to bid and wish to be removed from the Bidder's list.

Name Of Firm: _____

Mailing Address: _____

City/State/Zip Code _____

BY: _____

Signature of Representative

DATE: _____

Document Number: _____

Document Name: _____

Appendix A: Project Specifications

Summary of Work

Excavation and Handling of Contaminated Soil

Petroleum Bulk Storage Tank Removal and Closure

Soils for Earthwork

Aggregates for Earthwork

Excavation

Fill

UST Removal Site Plan

(See next pages for full content)

SECTION 01 10 00

SUMMARY OF WORK

PART 1 - GENERAL

1.01 SUMMARY

- A. The following summary of Work is a general summary of the salient features of the Work to be performed by the Contractor. It does not supersede the requirements of the detailed technical specifications.
 - 1. The project consists of the removal of one (1) 8,000-gallon underground storage tank (UST) system formerly used to store fuel oil at the former Lyons Falls Elementary School located at 6832 McAlpine Street, Lyons Falls, New York. The project also includes requirements for excavated material handling. All excavated material generated is considered a solid waste and may or may not be contaminated with low level metal, volatile organic compound, and/or semi-volatile organic compound impacts based on previous subsurface investigations performed on the Site.

1.02 WORK BY OWNER OR OTHERS

- A. Engineer has performed an assessment to determine the need for a wetland determination, and has found the anticipated site disturbances required to complete the Work will not require permitting.
- B. Engineer will notify New York State Department of Environmental Conservation (NYSDEC) of the tank system removal schedule and coordinate registration and closure of the tank system, as needed.
- C. Engineer will perform representative sampling of all excavated material for re-use purposes in accordance with Section 02 61 00.20, Excavation and Handling of Contaminated Soil.
- D. Engineer will perform tank closure confirmation soil sampling in accordance with Section 02 65 00.20, Petroleum Bulk Storage Tank Removal and Closure.
- E. Engineer will prepare and submit a tank closure report for submission to NYSDEC following closure and removal of the UST system.

1.03 WORK SEQUENCE

- A. Anticipated construction sequence:
 - 1. Mobilization.

2. Excavated material handling associated with tank system overburden fill.
3. Tank cleaning and removal.
4. Petroleum impacted soil handling, as required.
5. Restoration.

1.04 RESTORATION

- A. Restoration shall be performed in accordance with the detailed technical specifications, and in accordance with the following.
 1. General Fill and Imported General Fill shall be furnished to 6-inches below finish grade in existing pavement areas.
 - a. Existing pavement areas shall be restored with 6-inches of Granular Fill.
 2. General Fill and Imported General Fill shall be furnished to finish grade in existing vegetative growth areas.
 3. For purposes of the Bid, Contractor shall assume that excavated material staging shall be maintained for 2-weeks while the Engineer awaits results of the beneficial use sampling specified.
 - a. Depending on the analytical results, the Engineer will direct the Contractor to re-use the material as specified, or dispose of off-site as specified.
 - 1) Should the Contractor choose to backfill portions of the excavation with Imported General and/or Granular Fill during this period, they shall ensure space remains to complete restoration with re-use of the excavated material generated should the Engineer provide a beneficial use determination.

1.05 BID ITEMS

- A. Item No. 1: Underground Storage Tank Removal, Excavated Material Staging, Backfill Restoration:
 1. Measurement: Lump sum.
 2. Payment:
 - a. Payment shall be full compensation for all labor, equipment, and material to excavate, remove and dispose of underground storage tank system, stage excavated material, and backfill restoration.
 - b. Payment shall include all necessary sequencing of the Work.
 - c. Payment shall also include characterization, removal, containerization, transport, and lawful disposal of all tank residual sludges, solids, and wash fluids generated during tank and pipe cleaning process.
 - d. Payment shall also include all administration and superintendence for the project including, but not limited to, submittal preparation, coordination, maintenance of temporary

erosion and sediment control practices, and other general requirements to complete the Work.

- B. Item No. 2: Contaminated Soil Disposal:
 - 1. Measurement: Unit price, Ton.
 - 2. Payment:
 - a. Payment shall be full compensation for each ton of petroleum impacted soil (contaminated soil) and/or excavated material (contaminated soil) that is excavated, removed, staged, characterized, loaded, and transported for disposal off-site at Development Authority of the North Country's regional landfill and backfilled with fill materials specified herein. Excavation and backfill associated with the tank removal shall be paid under Item No. 1.

- C. Item No. 3: Petroleum Contaminated Fluids Disposal:
 - 1. Measurement: Unit price, Gallon.
 - 2. Payment:
 - a. Payment shall be full compensation for each gallon of tank fluids and petroleum contaminated groundwater collected and removed, including containerization, testing, loading and transport of petroleum contaminated fluids. Residual tank sludges removed from the tanks shall be paid under Item 1. No separate payment will be made for tank fluids or residual tank sludges leaking into the excavation.

PART 2 - PRODUCTS

(Not Used)

PART 3 - EXECUTION

(Not Used)

+ + END OF SECTION + +

SECTION 02 61 00.20

EXCAVATION AND HANDLING OF CONTAMINATED SOIL

PART 1 - GENERAL

1.01 SUMMARY

- A. Under this Section, Contractor shall furnish all labor, materials, supervision and equipment for the excavation and handling of contaminated soil in accordance with all applicable laws, rules and regulations, as shown on the Plans, as specified and/or directed. All work not included in other unit or lump sum price items shall be included in the Base Bid.
- B. Related work specified elsewhere:
 - 1. Section 02 65 00.20, Petroleum Bulk Storage Tank Removal and Closure.
 - 2. Section 31 05 13, Soils for Earthwork.
 - 3. Section 31 05 16, Aggregates for Earthwork.
 - 4. Section 31 23 16, Excavation.
 - 5. Section 31 23 23, Fill.

1.02 REFERENCE STANDARDS

- A. The following is a list of standards and their latest revisions that may be referenced in this Section :
 - 1. New York State Department of Environmental Conservation (NYSDEC) Publications:
 - a. 6NYCRR Part 360-366 and 369, Solid Waste Management.

1.03 SUBMITTALS

- A. Action submittals:
 - 1. (Not Used)
- B. Informational submittals:
 - 1. Excavated material plan:
 - a. Contractor shall submit a written excavated material plan for all non-petroleum impacted material that the Contractor generates as part of the Work. At minimum, excavated material plan shall include:
 - 1) Identification of proposed schedule and tasks required for excavation of all non-petroleum impacted material.
 - 2) Expected modifications to standard operating procedure required due to site specific features.
 - 3) Figures and working drawings identifying the limits of the area required for Contractor's equipment, and the proposed

- on-site staging location for placement of excavated material.
 - 4) Contingency plans and mitigation measures to control and contain the excavated material on site.
 - 5) Description of methods to be employed to prevent impact to storm water from excavated material.
 - 6) Means and methods of excavation shoring.
 - 7) Means and methods to brace underground utilities that will be affected by excavation work.
 - b. The staging of excavated material shall be within the areas approved by Owner and Engineer, and segregated from all petroleum impacted soils generated in accordance with Section 02 65 00.20, "Petroleum Bulk Storage Tank Removal and Closure".
 - c. Contractor is responsible for field locating all utilities prior to excavation.
- 2. Waste disposal:
 - a. Contractor shall submit:
 - 1) A list of the proposed permitted disposal sites and facilities for the ultimate disposal of excavated material.
 - 2) Copies of operating permits for facilities identified above.
 - 3) Waste transporter permits for all vehicles to be used for the project.
 - 4) Certified scale house to be utilized for weighing wastes.
 - 5) Copies of all shipping manifests, bills of lading, etc. for all materials transported for disposal including: excavated material.
 - 3. Contractor shall submit the following written safety plans prior to initiating on-site work, along with a copy of the supervisor's qualifications and experience for Engineer review:
 - a. Health and Safety Plan.
 - b. Trenching and Excavation Safety Plan.

1.04 QUALITY ASSURANCE

- A. Contractor shall develop, implement, maintain, supervise and be responsible for all excavated material generated.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Comply with Federal, State, and local regulations governing the handling, transport, and disposal of non-hazardous excavated material.

1.06 SEQUENCING

- A. Facilities:
 - 1. Protect electrical and mechanical services and utilities.

2. Where removal of existing utilities is required to complete the work, provide written notice of interruption and approved temporary services or connections for electrical and mechanical utilities.

B. Relocations:

1. Perform temporary relocation of utilities and site features located adjacent to the work area as required to complete the Work.
2. Relocation of all existing utilities and site features must be approved and coordinated with Engineer and Owner.
3. Perform the removal and reinstallation of approved items with workmen skilled in the trades involved.
4. Repair items to be relocated which are damaged or replace damaged items with new undamaged items, at no additional expense to Owner, and as approved by Engineer.

1.07 SCHEDULING

- A. All excavated material generated shall be scheduled during normal work hours.

PART 2 - PRODUCTS

(Not used)

PART 3 - EXECUTION

3.01 PREPARATION

A. Notification:

1. Contractor shall notify the Engineer at least 72 hours prior to commencing excavated material generation activities.
2. Contractor shall notify U-DIG NY to locate and clearly mark all subsurface utilities in the area prior to start of work.

- B. Contractor shall not begin work until the project areas are demarcated and work area provided with wooden barricades to prevent pedestrian access, all nearby utilities are identified, and temporary chain link construction fencing has been installed to protect the work areas and all open excavations.

C. Utilities:

1. Building utilities may exist within the vicinity of the tank removal areas which are not identified on the Drawings.
2. Contractor shall coordinate the identification of existing buried utilities with Owner's representatives, and underground utility locating services in the area.
3. Contractor shall be responsible for repair or all damage to existing utilities, at no additional cost to Owner.

- D. Surface preparation:
 - 1. Remove topsoil and saw cut existing pavement and concrete within all work areas, as applicable.
 - 2. If concrete items require removal to complete the work (e.g., curbing, sidewalks, etc.), Contractor shall provide replacement items to match existing or improved conditions.

3.02 EXCAVATED MATERIAL

- A. Excavated material:
 - 1. Contractor shall excavate material to the extent required to complete the Work.
 - 2. All excavated material shall be staged on a minimum 6-mil reinforced plastic sheeting, and covered with same.
 - 3. The cover shall be weighted with sandbags, tires, rope, or other means which do not penetrate the membrane.
 - 4. Contractor shall maintain staged excavated material until directed by the Engineer to re-use as backfill in the same excavation from which the excavated material was generated, or transport offsite for disposal in accordance with Section 02 65 00.20, Petroleum Bulk Storage Tank Removal and Closure, in accordance with the provisions for handling of petroleum impacted soils (also referred to as contaminated soil therein).

3.03 BENEFICIAL USE DETERMINATION

- A. Excavated material evaluation:
 - 1. Engineer will perform representative sampling of the excavated material staged under the supervision of a qualified environmental professional (QEP) in accordance with NYSDEC requirements for special requirements for pre-determined beneficial use of excavated material.

3.04 RESTORATION

- A. Backfilling:
 - 1. Contractor shall provide backfill for the tank or piping pit excavation in accordance with Section 31 05 13, Soils for Earthwork; Section 31 05 16, Aggregates for Earthwork; and, Section 31 23 23, Fill.
- B. Site Restoration:
 - 1. Final surfaces are to be returned to the condition existing prior to removal of the tank or piping, unless otherwise indicated and/or specified.
- C. Cleanup:
 - 1. Remove and transport all non-petroleum related debris and rubbish in a manner that will prevent spillage in buildings, parking lots, and adjacent areas.
 - 2. Contractor will remove debris for disposal at a licensed facility off-site.

END OF SECTION

SECTION 02 65 00.20

PETROLEUM BULK STORAGE TANK REMOVAL AND CLOSURE

PART 1 - GENERAL

1.01 SUMMARY

- A. Under this Section, Contractor shall furnish all labor, materials, supervision and equipment for petroleum bulk storage tank removal and closure including handling of petroleum contaminated soils and fluids in accordance with all applicable laws, rules and regulations, as shown on the Drawings, as specified and/or directed.
- B. Related work specified elsewhere:
 - 1. Section 02 61 00.20, Excavation and Handling of Contaminated Soil.
 - 2. Section 31 05 13, Soils for Earthwork.
 - 3. Section 31 05 16, Aggregates for Earthwork.
 - 4. Section 31 23 16, Excavation.
 - 5. Section 31 23 23, Fill.

1.02 REFERENCE STANDARDS

- A. The following is a list of standards and their latest revisions that may be referenced in this Section:
 - 1. American Petroleum Institute (API):
 - a. RP 1604, Closure of Underground Petroleum Storage Tanks.
 - b. STD 1631, Interior Lining and Periodic Inspection of Underground Storage Tanks.
 - c. STD 2015, Requirements for Safe Entry and Cleaning of Petroleum Storage Tanks.
 - d. RP 2217A, Safe Work in Inert Confined Spaces in the Petroleum and Petrochemical Industries.
 - e. RP 2219, Safe Operation of Vacuum Trucks Handling Flammable and Combustible Liquids in Petroleum Service.
 - 2. Fire Code of New York State:
 - a. 23, Motor Fuel-Dispensing Facilities and Repair Garages.
 - b. 50, Hazardous Materials – General Provisions.
 - c. 57, Flammable and Combustible Liquids.
 - 3. National Fire Protection Association, Inc. (NFPA):
 - a. 30, Flammable and Combustible Liquids Code.
 - b. 30A, Code for Motor Fuel Dispensing Facilities and Repair Garages.
 - c. 69, Standard on Explosion Prevention Systems.
 - d. 77, Recommended Practice on Static Electricity.
 - e. 306, Standard for the Control of Gas Hazards on Vessels.

- f. 326, Standard for the Safeguarding of Tanks and Containers for Entry, Cleaning, or Repair.
- g. 327, Standard Procedures for Cleaning or Safeguarding Small Tanks and Containers.
- 4. National Institute for Occupational Safety and Health:
 - a. 80-106, Criteria for a Recommended Standard: Working in Confined Spaces.
- 5. New York State Department of Environmental Conservation (NYSDEC):
 - a. 6 NYCRR Part 613, Petroleum Bulk Storage.
 - b. 6 NYCRR Parts 569-599, Chemical Bulk Storage.
 - c. DER-10, Technical Guidance for Site Investigation and Remediation.
- 6. United States Code of Federal Regulations (CFR):
 - a. 29 CFR 1910.134, Respiratory Protection.
 - b. 29 CFR Part 1910.146, Permit-Required Confined Spaces.
 - c. 29 CFR Part 1910.650-652, Excavations and Trenching Operations.
 - d. 40 CFR Part 280, Technical Standards and Corrective Action Requirements for Owners and Operators of Underground Storage Tanks (USTs).

1.03 SUBMITTALS

- A. Action submittals:
 - 1. (Not Used)
- B. Informational submittals:
 - 1. Tank closure plan:
 - a. Contractor shall submit a written tank closure plan for the closure of petroleum bulk storage tanks at the Site. At minimum, tank closure plan shall include:
 - 1) Identification of proposed schedule and tasks required for closure of the tanks identified on the Drawings.
 - 2) Expected modifications to standard operating procedure required due to site specific features.
 - 3) Figures and working drawings identifying the limits of the area required for Contractor's equipment, and the proposed on-site staging location for placement of contaminated soils, if found in the excavation.
 - 4) Methods to be used for tank cleaning and removal.
 - 5) Contingency plans and mitigation measures to control and contain the petroleum contaminated soil on site.
 - 6) Description of methods to be employed to prevent impact to storm water from petroleum contaminated soils if encountered.
 - 7) Means and methods of excavation shoring.

- 8) Means and methods to brace underground utilities that will be affected by excavation work.
- b. The staging of contaminated soils shall be within the areas approved by Owner and Engineer. Handling of soils other than petroleum contaminated soils shall be in accordance with Section 02 61 00.20, "Excavation and Handling of Contaminated Soil".
- c. Contractor is responsible for field locating all utilities prior to excavation.
- 2. Waste disposal:
 - a. Contractor shall submit:
 - 1) A list of the proposed permitted disposal sites and facilities for the ultimate disposal of remaining and residual tank fluids, tank sludge, the storage tanks, and contaminated soils and fluids.
 - 2) Copies of operating permits for facilities identified above.
 - 3) Waste transporter permits for all vehicles to be used for the project.
 - 4) Certified scale house to be utilized for weighing wastes.
 - 5) Copies of all shipping manifests, bills of lading, etc. for all materials transported for disposal including: remaining and residual tank fluids, tank sludges, storage tanks and accessories, and petroleum contaminated soils and fluids.
 - 6) Tank clean certificate.
- 3. Contractor shall submit the following written safety plans prior to initiating on-site work, along with a copy of the supervisor's qualifications and experience for Engineer review:
 - a. Health and Safety Plan.
 - b. Confined Space Entry Plan.
 - c. Trenching and Excavation Safety Plan.
- 4. Contractor shall submit copies of all of the following to Owner weekly:
 - a. Confined Space Entry Permits.

1.04 QUALITY ASSURANCE

- A. Contractor shall develop, implement, maintain, supervise and be responsible for all tank removal and closure work.
- B. The following requirements apply:
 - 1. When requested by the Owner, each Bidder shall submit a statement of the Bidder's qualifications, experience with similar petroleum bulk storage tank removal and closure work, and organization and equipment available for the work contemplated.
 - 2. Owner shall have the right to take such steps as deemed necessary to determine the ability of the Bidder to perform the obligations under the Contract, and the Bidder shall furnish the Owner all such information and data for this purpose as requested.

3. The right is reserved to reject any Bidder where an investigation of the available evidence or information does not satisfy Owner that Contractor is qualified to carry out properly the terms of the tank removal and closure work.

1.05 DELIVERY, STORAGE, AND HANDLING

- A. Comply with Federal, State, and local regulations governing the handling, transport, and disposal of petroleum and petroleum contaminated products, and non-hazardous and hazardous wastes.

1.06 SEQUENCING

- A. Facilities:
 1. Protect electrical and mechanical services and utilities.
 2. Where removal of existing utilities is required to complete the work, provide written notice of interruption and approved temporary services or connections for electrical and mechanical utilities.
- B. Relocations:
 1. Perform temporary relocation of utilities and site features located adjacent to the work area which will impair the tank removal.
 2. Relocation of all existing utilities and site features must be approved and coordinated with Engineer and Owner.
 3. Perform the removal and reinstallation of approved items with workmen skilled in the trades involved.
 4. Repair items to be relocated which are damaged or replace damaged items with new undamaged items, at no additional expense to Owner, and as approved by Engineer.

1.07 SCHEDULING

- A. All storage tank closure and removals shall be scheduled during normal work hours.

PART 2 - PRODUCTS

(Not used)

PART 3 - EXECUTION

3.01 PREPARATION

- A. Notification:
 1. Contractor shall notify the local Fire Marshal and local building codes office of the intent to conduct the tank removals 30 days prior to the work

and shall notify the Engineer at least 72 hours prior to commencing petroleum bulk storage tank removal and closure activities.

2. Contractor shall provide the Owner with written notice at least 10-days prior to commencement of UST removal activities.
3. Contractor shall notify U-DIG NY to locate and clearly mark all subsurface utilities in the area prior to start of work.

B. Contractor shall not begin work until the project areas are demarcated and work area provided with wooden barricades to prevent pedestrian access, all nearby utilities are identified, and temporary chain link construction fencing has been installed to protect the work areas and all open excavations.

C. Utilities:

1. Building utilities may exist within the vicinity of the tank removal areas which are not identified on the Drawings.
2. Contractor shall coordinate the identification of existing buried utilities with Owner's representatives, and underground utility locating services in the area.
3. Contractor shall be responsible for repair or all damage to existing utilities, at no additional cost to Owner.

D. Surface preparation:

1. Remove topsoil and saw cut existing pavement and concrete within all work areas, as applicable.
2. If concrete items require removal to complete the work (e.g., curbing, sidewalks, etc.), Contractor shall provide replacement items to match existing or improved conditions.

3.02 PETROLEUM CONTAMINATED FLUIDS

A. Tank fluids:

1. Contractor shall remove all remaining tank fluids.
2. Contractor shall provide for the removal, containerization, testing, loading, transport, and disposal of remaining tank fluids.
3. All material removed from the tanks shall be collected and containerized for disposal at a properly permitted facility in accordance with local, State and Federal regulations.

B. Petroleum contaminated groundwater:

1. At the discretion of Engineer, petroleum contaminated groundwater encountered during the tank removals shall be collected and containerized for disposal at a properly permitted facility in accordance with local, State and Federal regulations.
2. The quantity of petroleum contaminated groundwater removed shall be determined by direct measurement of the vacuum truck tank or other

vessel prior to removal from the Site, and this quantity shall be reported to Engineer daily.

3. Contractor shall provide for the removal, containerization, testing, loading, transport, and disposal of petroleum contaminated groundwater.
4. Any groundwater contaminated due to negligence by Contractor during cleaning and/or removal of the tanks and all associated appurtenances shall be the responsibility of Contractor to remove and dispose of in accordance with applicable regulations at the expense of Contractor.

3.03 TANK AND PIPING DEMOLITION

A. Petroleum storage tank removal and closure:

1. Contractor shall confirm that any electrical power connected to the tanks or its ancillary equipment has been deactivated and the actual wiring properly dismantled at the circuit breaker(s).
2. Close and remove tanks and appurtenances which may include, but are not limited to:
 - a. The tank and piping systems, all fittings, all piping from the tanks to the equipment serviced.
 - b. All associated vent piping, fill and monitoring manhole connections, manholes, containment piping and sumps.
 - c. Grounding systems, cathodic protection, tank top structures, and all anchorage systems.

B. Petroleum storage tank cleaning:

1. Contractor shall access the tank top, access the tank, remove remaining tank fluids, purge and test atmospheres, access the tank, clean tank interior, and mop dry.
2. All sludges and wash fluids generated during the flushing and cleaning shall be captured and disposed of in accordance with local, State and Federal regulations, and shall be included in the Base Bid.
3. The Contractor shall protect existing site surfaces, materials, and structures from inadvertent contamination from cleaning and removal operations.
4. The tank sludges and solids encountered during cleaning that cannot be disposed of with the fluids shall be removed and disposed of in accordance with the laws, regulations, and guidelines as identified above.

C. Piping and equipment removal:

1. Prior to the removal of the tank petroleum piping and equipment, Contractor shall remove excess fluids from all piping, containment systems, and equipment and flush and clean thoroughly.
2. All sludges and wash fluids generated during the flushing and cleaning shall be captured and disposed of in accordance with local, State and Federal regulations.

3. The pipes, equipment, and solids encountered during cleaning that cannot be disposed of with the fluids shall be removed and disposed of in accordance with the laws, regulations, and guidelines as identified above.
4. All piping including electrical conduit associated with the tank shall be completely removed to the interior face of any associated building wall. Piping shall be reduced to appropriate lengths and cleaned of all contaminated materials. Sleeves and piping passing through walls shall be flushed clean and then permanently capped and plugged on the outside in a manner approved by Engineer

3.04 SOIL ASSESSMENT, EXCAVATION, AND DISPOSAL

A. Soil Assessment:

1. Engineer will utilize and provide a photoionization detector (PID) capable of detecting the presence of petroleum vapors during the tank removal.
2. The PID shall be utilized to screen soils located in proximity to the petroleum tank and piping systems for the presence of petroleum vapors during tank excavation.
3. The screening will be conducted on successive 2 foot lifts removed from the ground.
4. If the PID identifies the presence of petroleum vapors in the soils, or visual indications of petroleum impacts are observed, then the Engineer will direct the soils to be staged in a separate on-site contaminated soils pile.
5. Contractor shall excavate petroleum impacted soils to the extent identified by the Engineer based on field conditions encountered.
6. All contaminated soils piles and equipment shall be placed on a minimum 6-mil reinforced plastic sheeting, and covered with same.
7. The cover shall be weighted with sandbags, tires, rope, or other means which do not penetrate the membrane.

B. Tank or piping pit assessment:

1. Following the removal of the tank, piping, and tank slab from the ground, Engineer will conduct an assessment of the excavation side walls and bottom.
2. The PID will be utilized to assess the presence of residual petroleum contaminated soils located in the excavation.
3. Contractor shall remove visibly contaminated soils from the excavation as specified herein.
4. Soil located in the proximity of building foundations, and/or utilities shall not be removed so as to not undermine the integrity of these installations.
5. If contaminated soils extend significantly beyond the tank or piping pit areas, then additional soils shall be removed at the discretion of Engineer.
6. The actual tonnage of petroleum contaminated soil, as measured by disposal facility weigh tickets, shall be reported to Engineer daily.

7. Once the visibly contaminated soils have been removed from the tank or piping pits, and the absence of significant remaining contamination has been confirmed with the PID, Contractor shall provide access for Engineer to obtain representative samples of the soil from the four sidewalls and bottom of each tank or piping excavation.
 8. The actual location of the samples will be determined in the field, based on the site conditions, and under the direction of Engineer.
 9. The soil samples will be submitted by Engineer to a New York State Department of Health approved laboratory for analysis of petroleum compounds.
 10. Contaminated soil handling shall include the cost for all labor and materials required for excavation, replacement backfill, on-site staging, testing, loading, transport, and disposal, and shall be based on the actual tonnage of contaminated soil removed for disposal as measured by disposal facility weigh tickets.
- C. Transport and disposal:
1. Contaminated soil disposal sampling and analysis shall be completed by the Contractor in accordance with the requirements of the approved disposal facility.
 2. The Contractor shall characterize, containerize, transport, and dispose of all materials at the designated disposal/recycling facility.

3.05 RESTORATION

- A. Backfilling:
1. Contractor shall provide backfill for the tank or piping pit excavation in accordance with Section 31 05 13, Soils for Earthwork; Section 31 05 16, Aggregates for Earthwork; and, Section 31 23 23, Fill.
- B. Site Restoration:
1. Final surfaces are to be returned to the condition existing prior to removal of the tank or piping, unless otherwise indicated and/or specified.
- C. Cleanup:
1. Remove and transport all non-petroleum related debris and rubbish in a manner that will prevent spillage in buildings, parking lots, and adjacent areas.
 2. Contractor will remove debris for disposal at a licensed facility off-site.

END OF SECTION

SECTION 31 05 13

SOILS FOR EARTHWORK

PART 1 - GENERAL

1.01 SUMMARY

- A. Section includes:
 - 1. General Fill.
 - 2. Topsoil.

1.02 REFERENCE STANDARDS

- A. The following is a list of standards that may be referenced in this Section:
 - 1. ASTM International (ASTM):
 - a. D1557, Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort.
 - b. D2487, Standard Practice for Classification of Soils for Engineering Purposes (Unified Soil Classification System).
 - c. D4318, Standard Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils.
 - d. D4972, Standard Test Method for pH of Soils.
 - e. D6913, Standard Test Methods for Particle-Size Distribution (Gradation) of Soils Using Sieve Analysis.
 - f. D6938, Standard Test Methods for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods.
 - g. D7928, Standard Test Method for Particle-Size Distribution (Gradation) of Fine-Grained Soils Using the Sedimentation (Hydrometer) Analysis.
 - h. F1647, Standard Test Methods for Organic Matter Content of Athletic Field Rootzone Mixes.

1.03 SUBMITTALS

- A. Action submittals:
 - 1. Submit gradations and sieve analyses, Atterberg limits, and Proctor densities to demonstrate conformance with these requirements.
 - 2. Submit name of imported materials source.
 - 3. Submit mineral analysis and nutrient content.
- B. Informational submittals:
 - 1. Copies of agreements between Contractor and private landowner accepting spoil material.

1.04 QUALITY ASSURANCE

- A. Furnish each General Fill material from single source throughout Work.

PART 2 - PRODUCTS

2.01 FILL AND BACKFILL MATERIALS

- A. Material specifications included herein are designated as “fill” materials and apply to both fill and backfill unless otherwise specified.
- B. General Fill:
 - 1. Excavated and reused material, graded.
 - 2. Free of lumps larger than 3 inches, rocks larger than 4 inches in any dimension, debris, roots wood, scrap material, vegetable matter, refuse, soft unsound particles, frozen deleterious, or other objectionable materials.
 - 3. Conforming to ASTM D2487 Group Symbol GW, GM, GC, SW, SM, or ML, or as otherwise approved by the Engineer.
- C. Imported General Fill:
 - 1. Bank run gravel, conforming to NYSDOT 733-11.
 - 2. Percent passing by weight per sieve size:
 - a. 4-inch: 100.
 - b. No. 40: 0 to 70.
 - c. No. 200: 0 to 15.

2.02 TOPSOIL MATERIALS

- A. Native topsoil:
 - 1. Excavated and reused material, graded.
 - 2. Free of roots, rocks larger than 2 inch, subsoil, debris, large weeds and foreign matter.
 - 3. Screening: Double screened.
 - 4. Conforming to ASTM D2487 Group Symbol OH or PT.
 - 5. Acidity range (pH) of 5.0 to 7.0.
 - 6. Containing minimum of 2 percent and maximum of 20 percent organic matter.
- B. Imported topsoil:
 - 1. Imported borrow, from approved borrow site.
 - 2. Friable loam.
 - 3. Reasonably free of roots, rocks larger than 2 inch, subsoil, debris, large weeds, and foreign matter.
 - 4. Screening: Double screened.
 - 5. Acidity range (pH) of 5.0 to 7.0.

6. Containing minimum of 2% and a maximum of 20% of organic material.
7. Conforming to ASTM D2487 Group Symbol OH or PT.

2.03 SOURCE QUALITY CONTROL

- A. Furnish materials of each type from the same source throughout Work.
- B. When tests indicate materials do not meet specified requirements, change material and retest.
- C. Furnish materials of each type from same source throughout Work.

PART 3 - EXECUTION

3.01 EXCAVATION

- A. Excavate subsoil from areas designated.
- B. All sod cut during excavation shall be removed and stored during construction so as to preserve the grass growth, and shall be replaced in position on completion of the Work.
- C. Stockpile excavated material meeting requirements for General Fill materials, and topsoil materials.
- D. Remove excess excavated materials not intended for reuse from the Site.
- E. All spoil materials shall be lawfully disposed off-site at appropriate locations selected and obtained by Contractor.
- F. No environmentally sensitive areas shall be used for spoil areas.
- G. Comply with requirements for stockpile storage on Drawings.
- H. A copy of the signed agreement between the property owner and Contractor granting permission to deposit spoil shall be submitted to Engineer prior to placement.
- I. Remove excavated materials not meeting requirements for General Fill materials, and topsoil materials from the Site.

3.02 HAULING MATERIAL

- A. When it is necessary to haul material over the streets or pavements, Contractor shall provide suitable tight vehicles so as to prevent deposits on the streets or pavements.

- B. In all cases where any materials are dropped from the vehicles, Contractor shall clean up the same at least daily or as often as directed and keep the crosswalks, streets and pavements clean and free from dirt, mud, stone and other hauled materials.

3.03 STOCKPILING

- A. Stockpile materials on Site at locations designated and approved by Engineer and as otherwise required by Contract Documents.
- B. Stockpile in sufficient quantities to meet Project schedule and requirements.
- C. All excavation materials shall be stored in locations as to not endanger the Work, and so that easy access may be had at all times to all parts of the excavation.
- D. Separate differing materials with dividers or stockpile apart to prevent mixing.
- E. Stockpile topsoil 8 feet high, maximum.
- F. Prevent intermixing of soil types or contamination.
- G. Direct surface water away from stockpile sites to prevent erosion or deterioration of materials.
- H. Stockpile unsuitable materials on impervious material and cover to prevent erosion and leaching, until disposed.
- I. All excavated materials shall be kept clear of sidewalks, driveway entrances/exits, street crossings, and any other points that may inconvenience the public.
- J. Special precautions must be taken to permit access at all times to fire hydrants, fire alarm boxes, police and fire department driveways, and other points of public convenience.
- K. Where traffic is to be maintained, at least one-half of the street width must be kept open at all times.
- L. Approved types of bridging across trenches shall be constructed and maintained where necessary.
- M. Where conditions do not allow for storage of materials, materials excavated from the first 100 feet of any opening, or from such additional length as may be required, shall be removed from the street by Contractor as soon as excavated.

- N. The material subsequently excavated shall be used to refill the trench where the utility has been built, provided it fulfills the requirements for fill materials.
- O. If more material is excavated from any trench, excavation, or pit than can be refilled over the completed work or stored on the street, leaving space for traffic as herein provided, or within the limits of the right-of-way, the excess material shall be spoiled at locations selected and obtained by Contractor.
- P. When the facility is complete, Contractor shall bring back adequate amounts of satisfactory excavated materials as may be required to properly refill the trenches, excavations, or pits.
- Q. If directed by Engineer, Contractor shall refill such trenches, excavations, or pits with special backfill or other suitable materials, and excess excavated materials shall be disposed as spoil.

3.04 STOCKPILE CLEANUP

- A. Remove stockpile, leave area in clean and neat condition. Grade Site surface to prevent free standing surface water.
- B. When borrow area is indicated, leave area in clean and neat condition.
- C. Grade Site surface to prevent free standing surface water.

END OF SECTION

SECTION 31 05 16

AGGREGATES FOR EARTHWORK

PART 1 - GENERAL

1.01 SUMMARY

- A. Section includes material requirements and gradations for all unbound aggregates required by the Contract Documents.
- B. Aggregate mixes including in this specification include:
 - 1. Granular Fill.
 - 2. Structural Fill.

1.02 REFERENCE STANDARDS

- A. The following is a list of standards that may be referenced in this Section:
 - 1. American Association of State Highway Transportation Officials (AASHTO):
 - a. M147, Standard Specification for Materials for Aggregate and Soil-Aggregate Subbase, Base and Surface Courses.
 - b. T180, Standard Specification for Moisture-Density Relations of Soils Using a 10-lb Rammer and a 18-in. Drop.
 - 2. ASTM International (ASTM):
 - a. C88, Standard Test Method for Soundness of Aggregates by Use of Sodium Sulfate or Magnesium Sulfate.
 - b. C136, Standard Test Method for Sieve Analysis of Fine and Coarse Aggregates.
 - c. D698, Standard Test Method for Laboratory Compaction Characteristics of Soil Using Standard Effort (12,400 ft-lbf/ft³).
 - d. D1557, Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/ft³).
 - e. D2487, Standard Classification of Soils for Engineering Purposes (Unified Soil Classification System).
 - f. D4318, Standard Test Method for Liquid Limit, Plastic Limit, and Plasticity Index of Soils.

1.03 SUBMITTALS

- A. Materials Source: Name of imported materials Suppliers.

1.04 QUALITY ASSURANCE

- A. Furnish each aggregate material from single source throughout Work.

PART 2 - PRODUCTS

2.01 GENERAL

- A. All granular materials shall be free from any organic or other deleterious materials.
- B. The quality of the gravel or stone particles shall be demonstrated per ASTM C88.
- C. The maximum weight loss at four (4) cycles shall be 20 percent.

2.02 MATERIALS – NYS

- A. Granular Fill:
 - 1. Crusher run gravel, conforming to NYSDOT 733-04, Type 2 or Type 4.
 - 2. Percent passing by weight per sieve size:
 - a. 2-inch: 100.
 - b. 1/4-inch: 25 to 65.
 - c. No. 40: 5 to 40.
 - d. No. 200: 0 to 10.
- B. Structural Fill:
 - 1. Shall consist of clean, sound crushed stone and shall be free from coatings.
 - 2. Shall conform to NYSDOT 703-02 for coarse aggregate requirements.
 - 3. NYSDOT No. 2 Stone Gradation, Table 703-4:
 - a. Percent passing by weight per sieve size:
 - 1) 1-1/2 inch: 100.
 - 2) 1 inch: 90 to 100.
 - 3) 1/2 inch: 0 to 15.
 - 4) No. 200: 0 to 1.

2.03 SOURCE QUALITY CONTROL

- A. Coarse Aggregate Material, Testing and Analysis: Perform sieve analysis, plasticity index, and soundness tests in accordance with ASTM C136, ASTM D4318.
- B. When tests indicate materials do not meet specified requirements, change material and retest at Contractor's expense.

PART 3 - EXECUTION

3.01 HAULING MATERIAL

- A. When it is necessary to haul material over the streets or pavements, Contractor shall provide suitable tight vehicles so as to prevent deposits on the streets or pavements.

- B. In all cases where any materials are dropped from the vehicles, Contractor shall clean up the same at least daily or as often as directed and keep the crosswalks, streets and pavements clean and free from dirt, mud, stone and other hauled material.

3.02 STOCKPILING

- A. Stockpile materials on Site at locations designated on the Drawings, or as otherwise approved by Engineer.
- B. Stockpile in sufficient quantities to meet Project schedule and requirements.
- C. Separate different aggregate materials with dividers or stockpile individually to prevent mixing.
- D. Direct surface water away from stockpile site to prevent erosion or deterioration of materials.
- E. Stockpile unsuitable materials on impervious material and cover to prevent erosion and leaching, until disposed.

3.03 STOCKPILE CLEANUP

- A. Remove stockpile, leave area in clean and neat condition.
- B. Grade Site surface to prevent free standing surface water.

END OF SECTION

SECTION 31 23 16

EXCAVATION

PART 1 - GENERAL

1.01 SUMMARY

- A. Section includes performance requirements for excavation required to construct structures and utilities as shown on the Drawings.
- B. Excavation, in open cut, includes the loosening, removing, transporting, storage and disposal of all materials necessary to be removed for the construction and completion of all Work under the Contract.
- C. Compliance with 16 NYCRR 753:
 - 1. All excavation work shall be performed in accordance with 16 NYCRR 753, Protection of Underground Facilities.
 - 2. All operators operating excavating equipment under this contract shall be certified under the Dig Safely New York, Inc. Certified Excavator Program.

1.02 QUALITY ASSURANCE

- A. Survey control:
 - 1. Provide adequate survey control to avoid unauthorized over-excavation.
 - 2. Identify required lines, levels, contours, and datum.

1.03 SUBMITTALS

- A. Informational submittals:
 - 1. Excavation plan, detailing the following:
 - a. Method and sequencing information.
 - b. Proposed locations of stockpiled excavated materials.
 - c. Proposed on-site and off-site spoil disposal sites.
 - d. Number, types, and sizes of equipment proposed to perform excavations.
 - e. Reclamation of on-site spoil disposal areas.

1.04 WEATHER LIMITATIONS

- A. Material excavated when frozen or when air temperature is less than 32 degrees F shall not be used as fill or backfill until material completely thaws.
- B. Material excavated during inclement weather shall not be used as fill or backfill until after material drains and dries sufficiently for proper compaction.

1.05 SEQUENCING AND SCHEDULING

- A. Comply with 16 NYCRR 753 and call Dig Safely New York not less than three working days before performing Work.
- B. Request underground utilities to be located and marked within and surrounding construction areas.
- C. Coordinate activities with utility owners.
- D. Demolition: Coordinate Work as shown and as specified in Section 02 41 16, Structure Demolition with excavations.
- E. Excavation support: Install and maintain as necessary to support sides of excavations and prevent detrimental settlement and lateral movement of existing facilities, adjacent property, and completed Work.

1.06 DEFINITIONS

- A. Earth: all materials such as sand, gravel, clay loam, pavements, ashes, cinders, mulch, roots, or pieces of timber, rippable rock, not requiring blasting, barring or wedging from its original bed, and specifically excludes all ledge and bed rock and individual boulders, concrete, or masonry larger than one-half cubic yard in volume.
- B. Backfill: selected materials for the backfilling of excavations and trenches up to the original surface of the ground or to other grades as may be shown or directed.
- C. Spoil: surplus excavated materials not required or not suitable for backfills or embankments.
- D. Embankments: fills constructed of selected materials above the original surface of the ground.
- E. Rock: ledge or bedrock requiring blasting, barring, or wedging from its original bed and individual boulders, concrete or masonry larger than one-half cubic yard in volume.

PART 2 - PRODUCTS

(NOT USED)

PART 3 - EXECUTION

3.01 GENERAL

- A. Perform all excavations in accordance with 16 NYCRR 753.
- B. Excavations shall be in accordance with details of applicable codes, rules, Laws and Regulations, including the Occupational Safety and Health Administration (OSHA) Title 29 Code of Federal Regulations (CFR) Part 1926, Subpart P – Excavations.
- C. Designate a “Competent Person” who shall be responsible for inspections of excavations on a daily basis and document and maintain daily trenching and excavation logs per OSHA 29 CFR 1926
- D. Excavate to lines, grades, and dimensions shown and as necessary to accomplish the Work.
 - 1. Excavate to within tolerance of +/-0.1 foot, except where dimensions or grades are shown or specified as maximum or minimum.
 - 2. Allow for forms, sheeting/shoring, dewatering, working space, granular base, topsoil, and similar items, wherever applicable.
 - 3. Trim to neat lines where concrete is to be deposited against earth.
- E. Slope banks with machine to angle of repose or less until shored.
- F. Grade top perimeter of excavation to prevent surface water from draining into excavation.
- G. Overexcavation:
 - 1. Do not overexcavate without written authorization of Engineer.
 - 2. Backfill unauthorized overexcavations with material as directed by Engineer at no additional cost to Owner.
- H. Notify utility company to remove and relocate utilities.
- I. Repair or replace items indicated to remain damaged by excavation.
- J. Use of explosives is not permitted.
- K. Notify Engineer of unexpected subsurface conditions.

3.02 EXCAVATION FOR STRUCTURES

- A. Excavate to specified foundation elevation utilizing a flat bottom bucket.
- B. Compact disturbed load bearing soil in direct contact with foundations to original bearing capacity in accordance with Section 31 23 23, Fill.
- C. Soft spots or soil that is determined to have inadequate capacity shall be overexcavated and replaced as specified in Section 31 05 16, Aggregates for Earthwork and placed and compacted in accordance with Section 31 23 23, Fill.
- D. Footing subgrades that become saturated or unstable shall be over excavated 6-inches and replaced with a 6-inch layer of Structural Fill.
- E. Provide 12 inches minimum clearance between excavation faces and footing formwork.
- F. Under cutting excavation faces for extended footings is not permitted.

3.03 UNCLASSIFIED EXCAVATION

- A. Excavation is unclassified.
- B. Complete all excavation regardless of the type, nature, or condition of the materials encountered.

3.04 EMBANKMENT AND CUT SLOPES

- A. Shape, trim, and finish embankments and cut slopes to conform to lines, grades, and cross-sections shown, with proper allowance for topsoil or slope protection, where shown.
- B. Remove stones and rock that exceeds 3-inch diameter and that are loose and may roll down slope.
- C. Remove exposed roots from cut slopes.
- D. Round tops of cut slopes in soil to not less than 6-foot radius, provided such rounding does not extend off-site or outside easements and rights-of-way, or adversely impacts existing facilities, adjacent property or completed Work.

3.05 STOCKPILING EXCAVATED MATERIAL

- A. Stockpile excavated material that is suitable for use as fill or backfill until material is needed.

- B. Post signs indicating proposed use of material stockpiled.
 - 1. Signs shall be readable from all directions of approach to each stockpile.
 - 2. Signs shall be clearly worded and readable by equipment operators from their normal seated position.
- C. Confine stockpiles to within easements, rights-of-way, and approved work areas.
- D. Do not obstruct roads or streets.
- E. Do not stockpile excavated material adjacent to trenches and other excavations, unless excavation side slopes and excavation support systems are designed, constructed, and maintained for stockpile loads.
- F. Do not stockpile excavated materials near or over existing facilities, adjacent property, or completed Work, if weight of stockpiled material could induce excessive settlement.
- G. Do not stockpile excavated material within the drip line of existing trees.

3.06 FIELD QUALITY CONTROL

- A. Perform inspection of excavation and controlled fill operations to confirm stability and accordance with OSHA standards and Laws and Regulations.
- B. Footing subgrades shall be verified for specified bearing capacity under all buildings by a geotechnical engineer.

3.07 PROTECTION

- A. Underpin adjacent structures which may be damaged by excavation work.
- B. Prevent displacement or loose soil from falling into excavation
 - 1. Maintain soil stability.
 - 2. All material which slides, falls, or caves into excavation due to any cause whatsoever shall be removed and disposed off-site.
- C. Protect bottom of excavations and soil adjacent to and beneath foundation from freezing, oversaturation, and construction traffic.
- D. Protect structures, utilities and other facilities indicated to remain from damage caused by settlement, lateral movement, undermining, washout, and other hazards created by earth operations.
- E. Protect plant life, lawns, rock outcroppings and other features remaining as portion of final landscaping.

- F. Protect bench marks, survey control points, existing structures, fences, sidewalks, paving and curbs from excavating equipment and vehicular traffic.
- G. Repair or replace items indicated to remain damaged by excavation.

3.08 DISPOSAL OF SPOIL

- A. Lawfully dispose of excavated materials which are unsuitable or exceed quantity needed for fill or backfill off-site.
- B. Dispose of excavated material resulting from removal of contaminated soils, as specified in Section 02 65 00.20, Petroleum Bulk Storage Tank Removal and Closure and Section 02 61 00.20, Excavation and Handling of Contaminated Soils.

END OF SECTION

SECTION 31 23 23

FILL

PART 1 - GENERAL

1.01 SUMMARY

- A. Section includes:
 - 1. Backfilling Site structures to subgrade and/or finish elevations.
 - 2. Fill under paving.
 - 3. Fill for over-excavation.
- B. Related Work specified elsewhere:
 - 1. Section 31 05 13, Soils for Earthwork.
 - 2. Section 31 05 16, Aggregates for Earthwork.

1.02 REFERENCE STANDARDS

- A. ASTM International (ASTM):
 - 1. D1557, Standard Test Methods for Laboratory Compaction Characteristics of Soil Using Modified Effort (56,000 ft-lbf/cu. ft).
 - 2. D6938, Standard Test Methods for In-Place Density and Water Content of Soil and Soil-Aggregate by Nuclear Methods (Shallow Depth).

1.03 SUBMITTALS

- A. Material source: Submit name of imported fill materials suppliers.

1.04 DEFINITIONS

- A. Optimum moisture: the moisture content in a cohesive soil that results in a maximum compacted density, in accordance with ASTM D1557.
- B. Relative compaction:
 - 1. The reduction in volume of aggregates and aggregate mixes after vibratory compaction, expressed as a percent volume reduction from a loose, dumped state to a compacted state.
 - 2. Relative compaction is only measured on cohesionless soils.

PART 2 - PRODUCTS

2.01 FILL MATERIALS

- A. General Fill: As specified in Section 31 05 13, Soils for Earthwork.

- B. Structural Fill: As specified in Section 31 05 16, Aggregates for Earthwork.
- C. Granular Fill: As specified in Section 31 05 16, Aggregates for Earthwork.

2.02 ACCESSORIES

- A. Geotextile Fabric: Non-biodegradable, non-woven.

PART 3 - EXECUTION

3.01 EXAMINATION

- A. Verify that sub-drainage, dampproofing, or waterproofing installation has been inspected.
- B. Verify underground tanks are anchored to their own foundations to avoid flotation after backfilling.
- C. Verify structural ability of unsupported walls to support loads imposed by fill.

3.02 PREPARATION

- A. Compact subgrade to density requirements for subsequent backfill materials.
- B. Unsuitable Materials:
 - 1. Cut out soft areas of subgrade not capable of compaction in place.
 - 2. Backfill with Structural Fill and compact to density equal to or greater than requirements for subsequent fill material.
- C. Scarify subgrade surface to depth of 6 inch.
- D. Proof roll to identify soft spots; fill and compact to density equal to or greater than requirements for subsequent fill material.

3.03 BACKFILLING

- A. Backfill areas to contours and elevations with unfrozen materials.
- B. Systematically backfill to allow maximum time for natural settlement.
- C. Do not backfill over porous, wet, frozen, or spongy subgrade surfaces.
- D. Place material in continuous layers as follows if not specified elsewhere:
 - 1. General Fill: Maximum 8 inches compacted depth.
 - 2. Structural Fill: Maximum 6 inches compacted depth.
 - 3. Granular Fill: Maximum 6 inches compacted depth.

- E. Compaction:
 - 1. Compact material in lifts as specified above with the intent to meet at least 90 percent of its maximum density for General Fill and 95 percent of its maximum density for Granular Fill, as determined by ASTM D1557.
- F. Employ placement method that does not disturb or damage other Work.
- G. Maintain optimum moisture content of backfill materials to attain desired compaction density.
- H. Remove surplus backfill materials from Site at no additional cost to Owner.
- I. Leave fill material stockpile areas free of excess fill materials.

3.04 TOLERANCES

- A. Top surface of backfilling under paved areas: Plus or minus 1 inch from required elevations.
- B. Top Surface of general backfilling: Plus or minus 1 inch from required elevations.

3.05 FIELD QUALITY CONTROL

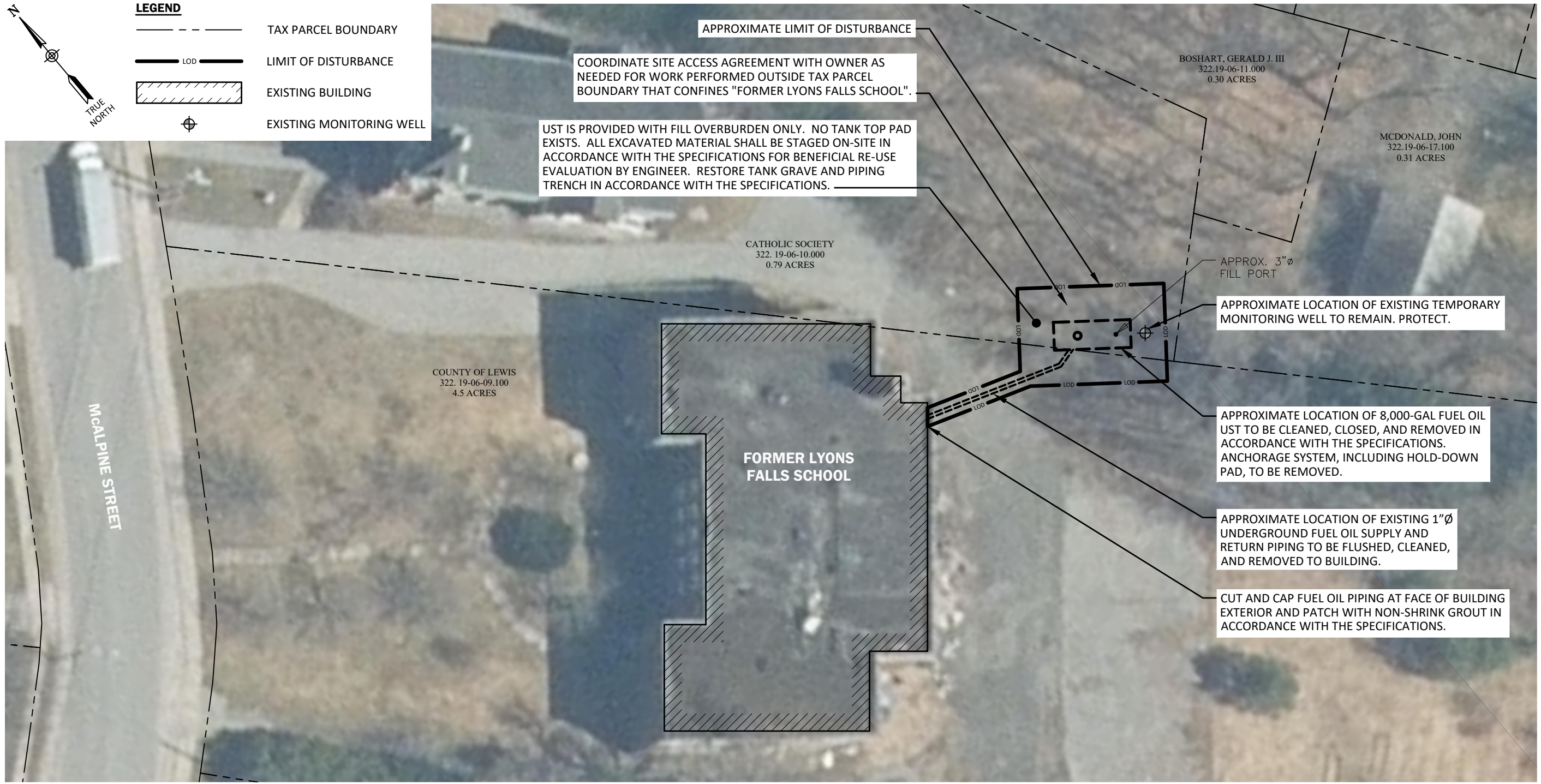
- A. Perform laboratory material tests according to ASTM D1557, as directed by the Engineer if observations indicate desired compaction is not achieved.
- B. Perform in place compaction tests according to following:
 - 1. Density tests: in accordance with ASTM D6938.
 - 2. Moisture Tests: in accordance with ASTM D6938.
- C. When tests indicate Work does not meet specified requirements, remove Work, replace, and retest.
- D. Frequency of Tests: once per lift.
- E. Proof roll compacted fill surfaces under paving.

3.06 PROTECTION OF FINISHED WORK

- A. Reshape and re-compact fills subjected to vehicular traffic.

END OF SECTION

Plotted: Jul 02, 2025 - 10:41AM
 Z:\BL-Vault\ID2\18217AD2-1C71-4823-8927-99D5C4054147\0\3398000-3398999\3398313\1\296059 Fig1 UST Removal Site Plan (ID 3398313).dwg
 SVR By: WBG



LEGEND

- TAX PARCEL BOUNDARY
- LOD
- EXISTING BUILDING
- EXISTING MONITORING WELL

APPROXIMATE LIMIT OF DISTURBANCE

COORDINATE SITE ACCESS AGREEMENT WITH OWNER AS NEEDED FOR WORK PERFORMED OUTSIDE TAX PARCEL BOUNDARY THAT CONFINES "FORMER LYONS FALLS SCHOOL".

UST IS PROVIDED WITH FILL OVERBURDEN ONLY. NO TANK TOP PAD EXISTS. ALL EXCAVATED MATERIAL SHALL BE STAGED ON-SITE IN ACCORDANCE WITH THE SPECIFICATIONS FOR BENEFICIAL RE-USE EVALUATION BY ENGINEER. RESTORE TANK GRAVE AND PIPING TRENCH IN ACCORDANCE WITH THE SPECIFICATIONS.

APPROX. 3" ϕ FILL PORT

APPROXIMATE LOCATION OF EXISTING TEMPORARY MONITORING WELL TO REMAIN. PROTECT.

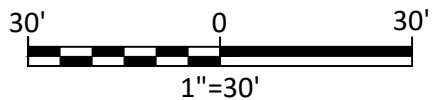
APPROXIMATE LOCATION OF 8,000-GAL FUEL OIL UST TO BE CLEANED, CLOSED, AND REMOVED IN ACCORDANCE WITH THE SPECIFICATIONS. ANCHORAGE SYSTEM, INCLUDING HOLD-DOWN PAD, TO BE REMOVED.

APPROXIMATE LOCATION OF EXISTING 1" ϕ UNDERGROUND FUEL OIL SUPPLY AND RETURN PIPING TO BE FLUSHED, CLEANED, AND REMOVED TO BUILDING.

CUT AND CAP FUEL OIL PIPING AT FACE OF BUILDING EXTERIOR AND PATCH WITH NON-SHRINK GROUT IN ACCORDANCE WITH THE SPECIFICATIONS.

GENERAL NOTES:

1. PRIOR TO SITE DISTURBANCES, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE IMPLEMENTED. ALL CATCH BASINS DOWN GRADIENT OF THE WORK AREA AND IN THE VICINITY OF TRUCK TRAFFIC SHALL BE PROTECTED.
2. CONTRACTOR SHALL PROVIDE BARRICADES AND TEMPORARY CHAIN LINK CONSTRUCTION FENCE TO PROTECT OPEN EXCAVATION AND SHALL PROVIDE TRAFFIC CONTROLS AND SIGNAGE TO PROTECT THE WORK AREA.
3. ACTUAL LOCATIONS AND DEPTHS OF ALL UNDERGROUND UTILITIES AND SERVICES ARE NOT KNOWN AND MUST BE FIELD VERIFIED. ALL EXCAVATION ACTIVITIES MUST EXERCISE CARE AND CAUTION WITH HAND EXCAVATION TO PROPERLY LOCATE AND AVOID DAMAGE TO EXISTING UNDERGROUND UTILITIES AND SERVICES. CALL BEFORE YOU DIG - U-DIG NY 800-962-7962.
4. ALL EXCAVATIONS TO BE CONDUCTED IN ACCORDANCE WITH OSHA REGULATIONS AND THE SPECIFICATIONS.
5. THIS UST REMOVAL SITE PLAN IS SCHEMATIC IN NATURE AND IS BASED ON CURSORY FIELD OBSERVATION. IT IS NOT THE INTENTION OF THIS FIGURE TO INDICATE EVERY DEVICE/FIXTURE REQUIRING REMOVAL, RATHER GENERAL SYSTEMS WHICH ARE TO BE REMOVED.



REMOVAL NOTES:

1. PETROLEUM BULK STORAGE TANK SYSTEM SHALL BE CLEANED, CLOSED, AND REMOVED IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. THESE OPERATIONS SHALL INCLUDE (BUT ARE NOT LIMITED TO) THE FOLLOWING:
 - REMOVE REMAINING TANK FLUIDS/SLUDGES INSIDE TANK;
 - INERT TANK ATMOSPHERE, ACCESS TANK, AND CLEAN TANK INTERIOR TO REMOVE ALL PETROLEUM RESIDUE AND SLUDGE FOR DISPOSAL;
 - FLUSH AND CLEAN SUPPLY AND RETURN PIPING AND ALL FUEL HANDLING EQUIPMENT. COMPLETELY EVACUATE CONTENTS;
 - DEMOLISH AND REMOVE THE TANKS AND ALL ACCESSORIES, INCLUDING VENT, FILL PORT, MONITORING WELL, ANCHORAGE SYSTEM, HIGH LEVEL ALARM AND GAUGING SYSTEM (IF APPLICABLE);
 - REMOVE THE TANK AND PROPERLY DISPOSE AT THE APPROVED DISPOSAL FACILITY;
 - CONTRACTOR SHALL PROVIDE THE ENGINEER ACCESS FOR COLLECTING SOIL SAMPLES FROM THE EXCAVATIONS.

LEWIS COUNTY
UST SYSTEM REMOVAL

UST REMOVAL SITE PLAN

Barton & Loguidice
 443 Electronics Parkway
 Liverpool, NY 13088

Date	JULY 2025
Scale	1" = 30'
Figure Number	1
Project Number	296.059.001

LEWIS COUNTY, NEW YORK
VILLAGE OF LYONS FALLS

Appendix B: Bid Form

See the next 2 pages for the form.

Bid Form

LEWIS COUNTY UST SYSTEM REMOVAL

JOB NO. 296.059.001

ITEM NO.	ESTIMATED QUANTITIES	ITEM WITH UNIT BID PRICE WRITTEN IN WORDS	UNIT BID PRICE		AMOUNT BID	
			DOLLARS	CTS.	DOLLARS	CTS.
1	NEC	Underground Storage Tank Removal, Excavated Material Staging, Backfill Restoration FOR _____ _____ PER LS				
2	250	Contaminated Soil Disposal (including Replacement Backfill) FOR _____ _____ PER TON				
3	1,000	Petroleum Contaminated Fluids Disposal FOR _____ _____ PER GALLON				
TOTAL OR GROSS BID WRITTEN IN WORDS (Sum of Item No. 1 through 3): _____			\$ _____			

Bid Form

LEWIS COUNTY UST SYSTEM REMOVAL

JOB NO. 296.059.001

Contractor Name:	
Contractor Contact (Printed Name & Signature):	
Address:	
Phone (Office and Cell):	
Email Address:	