



CITY OF TORRINGTON
INVITATION TO BID

BID #CSV-030-111815 SEWER VACTOR

Bid opening: Nov. 18, 2015 **Time:** 11:00 AM **Location:** City Hall, 140 Main St., Room 206, Torrington, CT

Bid Bond or Certified Check required with bid: 5%

Performance Bond required if awarded bid: 100%

MUST SUBMIT AN ORIGINAL AND 2 COPIES.

The City of Torrington reserves the right to accept or reject any or all bids or any portion thereof, to waive technicalities, and to award the contract as will best serve the public interest.

Omit State and Federal Taxes.

All prices must be F.O.B.: Destination (Torrington) unless otherwise requested.

Dated in Torrington: 10/26/15

Purchasing Agent _____
Pennie Zucco

Item	Price
<p align="center">ONE (1) SEWER VACTOR PER SPECIFICATIONS</p> <p align="center">** (ADDITIONAL OPTION)</p>	<p align="center">"SEE APPENDIX A"</p>

The Purchasing Agent is authorized to offer City based bidders that exceed the lowest bid by up to 6%, the opportunity to match the lowest bid. A City based bidder within the 6% differential who agrees to accept the amount of the lowest bid will be awarded the bid. When multiple City based bidders agree to accept the amount of the low bid then the City based bidders will be invited to submit a new bid, not to exceed the low bid. The bid will then be awarded to the lowest responsive, responsible bidder.

Bid Submitted By: _____

Name of Company _____ Signature _____

Address _____

_____ Title _____

Phone _____ Fax _____ Date _____

Delivery Date _____

E-mail address _____ Web Page _____

Comments: _____

INSTRUCTION TO BIDDERS

Sealed bids will be received by the Purchasing Agent, Room 206, 140 Main St., Torrington, CT 06790 until the time and date specified on the cover sheet and opened thereafter in the Purchasing Department, Room 206. Bids received later than the date and time specified will not be accepted. In the event of the closure of City Hall, proposals will be opened on the following business day that City Hall is opened. Amendments to or withdrawal of any section of the submitted bid received later than the time & date set for the bid opening will not be considered. Bid proposals must remain in effect for a minimum of 30 days unless otherwise noted elsewhere in the bid specifications.

BID DOCUMENTS: are available upon receipt of this invitation (if not attached) over the Internet at the City's web site: www.torringtonct.org UNDER Purchasing Department, select "Open Bids". Adobe Acrobat reader is required to view this document. If you do not have this software you may download it for free from Adobe at <http://www.adobe.com>. Businesses without internet access may contact the Purchasing Department at 860-489-2224 for a copy of the bid documents.

REPLIES: whether bid or no bid, submittal must have the bid number clearly identified on the outside of the envelope. Bidders not marking the envelopes with the Bid number and date/time of opening on the envelope will have no recourse against the City of Torrington or its employees. Such bidders run the risk of the bid being opened prior to the scheduled Bid Opening time. Once opened such bids are public record. Any alleged oral agreement made by a bidder or contractor with any agency or employee of the City of Torrington will be disregarded.

NONAPPROPRIATION: All funds for payment by the City under this Agreement are subject to the availability of an annual appropriation for this purpose by the City of Torrington. In the event of non-appropriation of funds for the goods or services provided under the Agreement, the City will terminate the Agreement, without termination charge or other liability, on the last day of the then-current fiscal year or when the appropriation made for the then-current year for the goods or services covered by this Agreement is spent, whichever event occurs first. If at any time funds are not appropriated for the continuance of this Agreement, cancellation shall be accepted by the Contractor upon thirty (30) days written notice, but failure to give such notice shall be of no effect and the City of Torrington shall not be obligated under this Agreement beyond the date of termination.

BID BONDS: shall be in the amount of 5% of the total bid made out in favor of the City of Torrington and issued by a Surety company acceptable to the City of Torrington must accompany each bid. A certified check, cashier's check, Treasurer's check, or money order in the same amount may be submitted in lieu of the bid bond. Bids submitted without Certified Check or Bid Bond **will not** be accepted. The City of Torrington will not be held liable for the accrual of interest on any check held by the city in conjunction with this bid. All checks or bid bonds will be refunded to the unsuccessful bidders after award of the bid by the City Council. The deposit check or Bid Bond of the successful bidder will be held in escrow until such time as the city determines that the bidder has or will meet their obligations as stated by the bid. If the bidder fails or refuses within a reasonable time after due notice that the contract has been awarded to him, to execute the same, an amount representing a loss to the city by reason of such failure shall be retained and paid into the city treasury.

FREIGHT: Prices quoted shall be net delivery **F.O.B. Torrington, CT.** All bid prices must include prepaid delivery, assembly, and/or installation (ready for operation and/or use) of all equipment and/ or materials to the individual locations(s) as designated by the Purchasing Agent. All bid prices are to be submitted on the sheets provided on this bid. Quantities and pricing are to be listed in accordance with these sheets.

QUESTIONS: Request for interpretation of any portion of the bid may be made in writing to the Purchasing Agent: Voice 860/489-2225, Fax 860/489-2547 and email: pennie_zucco@torringtonct.org. All bidders questions pertaining to the contract specifications and plans under this contract shall be placed in writing.

Any Fax or email shall be followed up with a telephone call to verify receipt. All replies will be in writing and a copy of any such inquiry and advice (if deemed vital to the bid by the Purchasing Agent) will be made available to each prospective bidder by addendum. Bidders should check the web site for addendums/updates 48 hours prior to the bid opening.

In the event of receipt of identical bids as to offerings, delivery, service, content, price, etc., the bid will be awarded in accordance with the information contained in the bid document, based on first received as to date and time of receipt of the bid.

EXPARTE COMMUNICATION: Please note that to insure the proper and fair evaluation of a bid, the City of Torrington prohibits exparte communication (i.e., unsolicited) initiated by the Bidder to a City Official or Employee evaluating or considering the bids prior to the time a bid decision has been made. Communication between Bidder and the City will be directed in writing to the Purchasing Agent only. The Purchasing Agent will obtain the information or clarification needed. Exparte communication may be grounds for disqualifying the offending Bidder from consideration or award of the bid and repeat offenders may be disqualified from future bids.

NON-COLLUSION STATEMENTS: In order for bids to be considered, a non-collusive statement must be submitted with the bid. A sample non-collusive bid statement is attached. Bidders may elect to submit their own notarized non-collusion statement. **NOTE:** Documents must be signed before and sealed by a Notary Public. Only documents bearing a notary seal will be accepted.

CONDITIONAL, QUALIFIED OR NON-RESPONSIVE BIDS/PROPOSALS: All bids/proposals shall be submitted in the form and manner as indicated by the bid documents and bid forms. Any proposal which is not submitted in the form and manner indicated by the bid documents or which contains information, statements, conditions, or qualifications which

place conditions or qualifications on the proposal submittal for purposes of making an award, or which alter any proposal terms, conditions, specifications, or forms, which has not been previously approved by written addendum from the Purchasing Agent, or which does not meet legal requirements, shall be declared as a qualified, conditional, or non-responsive proposal and shall be rejected without further consideration. Any proposal response that does not fully respond to and comply with all detailed specifications or requests for information including execution of proposal forms, may be declared "non-responsive" and recommended for rejection. The City of Torrington shall not be responsible for any errors or omissions of the respondent.

UNBALANCED BIDS AND/OR EXCESSIVE LINE ITEM PRICES: The City reserves the right to reject any bids in which unit prices, in the sole opinion of the City, are unbalanced. In addition, where the City has decided to make an award, it further reserves the right to non-utilize a particular line item that in the sole opinion of the City is excessively priced, and reserves the right to obtain that item from another source.

CONTRACT: A response to an Invitation To Bid is an offer to contract with the City of Torrington based upon the terms, conditions, and specifications contained in the City's ITB. Bids do not become contracts unless and until executed by the City, eliminating a formal signing of a separate contract. For that reason, all of the terms and conditions of the contract are contained in the ITB, unless any of the terms and conditions are modified by an ITB Amendment, a Contract Amendment, or by mutually agreed terms and conditions in the contract documents.

TAXES: Omit all State and Federal taxes from the bid. The City of Torrington is exempt from the payment of taxes imposed by Federal government and/or the State of Connecticut.

OWNERSHIP OF DOCUMENTS: All documents, including drawings, plans, specifications, videotapes, or other documents or maps prepared by a contractor pursuant to any agreement arising from this bid shall become the property of the City of Torrington upon completion of the project or any termination of the project prior to the completion of the project.

LEGALITY: All bid offers for commodities, work, materials, or equipment hereunder shall comply in every respect with the laws, specifications and requirements of the State of Connecticut and the Federal government. Contractor will comply with the provisions of the Connecticut Fair Employment Practices Law.

LANGUAGE DISPUTES: Any disputes over the interpretation and/or meaning of any individual terms, conditions, and/or language within this Request for Bid/Proposal document shall be resolved by and at the sole discretion of the City Purchasing Agent in a manner that is in the best interest of, and best advantage to, the City of Torrington, provided any such interpretation shall be reasonable. In the event that an individual term, condition, and/or language wording is determined at any time, including after award, by the City Purchasing Agent to be "not applicable at all" to this contract, then the term, condition, and or language wording may be disregarded, even though an addendum is not issued. However, if the Purchasing Agent determines that the term, condition, and/or language wording "is applicable in part", then the term, condition, and/or language wording will apply to the degree applicable, even though an addendum is not issued.

INDEMNIFICATION: The Contractor shall save the City of Torrington, its agents or employees, harmless from liability of any kind for all claims of labor payments and materials furnished for this work, and for use of any copyrighted or uncopyrighted composition, secret process patented or unpatented invention, article or application furnished or used in the performance of the contract of which the Contractor is not the patentee, assignee, or licensee. To the fullest extent permitted by law, The bidder shall indemnify and hold harmless the Municipality, its officers, agents, servants and employees from and against all liability, claims, damages, losses and expenses including attorney's fees arising out of or resulting from the performance or lack of performance of the work, provided that any such liability, claim, damage, loss or expense is (a) attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property, including the loss of use resulting hereto from and (b) is caused in whole or in part by any negligent act or omission of the Bidder, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them are liable.

In any and all claims against the Municipality, its officers, agents, servants and employees by any employee of the Bidder, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for those acts any of them may be liable, the indemnification obligation under these sections to be limited in any way by any limitation on the amount or type of damages, compensation or benefits payable by or for the Bidder or any Subcontractor under Worker's Compensation Acts, Disability Benefit Acts or other employee benefit acts.

The successful bidder, vendor, and/or contractor must protect all property of the City of Torrington (i.e. all floors, furniture, grass, land, etc.) from injury or other damage. Any damage so caused must be repaired by contractor/vendor at his/her own expense. At the completion of work, the vendor and/or contractor must remove from the premises all surplus materials and all debris created by same. The premises must be left in a broom-clean and finished condition acceptable to the owner or its agents. Successful bidder will furnish adequate protection from damage for all work and to repair damage of any kind; for which he or his workers are responsible, to the premises or equipment to his own work or to the work of other contractors.

DEFAULT: It shall be understood that a bidder supplying equipment and/or supplies will be considered to be in default if/when they have not delivered the item(s) within the time constraints listed in this document or subsequent purchase orders and/or contract. Bidders providing a service and/or construction will be considered to be in default if/when they have failed to meet the completion date set forth in this document or its subsequent contract and/ or purchase orders and/ or they have ceased work on the project for a period of fifteen (15) working days, cumulative or consecutive.

SUSPENSION AND DEBARMENT: The Purchasing Agent may suspend or debar the right of a vendor to be included on

the vendor list and has the authority to reject any bid or response from any suspended or debarred vendors.

Suspension: A vendor may be suspended based on the following:

- 1) A vendor defaults or fails to fully comply with the conditions, specifications, or terms of a Bid, Quotation, Proposal or Contract with the City of Torrington.
- 2) A vendor commits any fraud or misrepresentation in connection with a Bid, Quotation, Proposal, or Contract with the City of Torrington.
- 3) A vendor is charged by a court with the commission of a criminal offense as incident to obtaining or attempting to obtain a public or private contract or sub-contract, or in the performance of such contract or sub-contract
- 4) A vendor is charged by a court with the following: embezzlement, theft, forgery, bribery, falsification or destruction of records, receiving stolen property, or any other offense indicating a lack of business integrity or business honesty which currently, seriously, and directly affects responsibility as a City contractor. If charges are dismissed or the vendor is found not guilty, the suspension shall be lifted automatically upon written notification and proof of final court disposition provided by the vendor to the City of Torrington.
- 5) A vendor becomes insolvent, has proceedings in bankruptcy instituted against it or, compounds its debts or assigns over its estate or effects for payment thereof, or has a receiver or trustee appointed over its property.
- 6) A vendor's commission of any act or omission to perform act is grounds for debarment.
- 7) A vendor violates the ethical standards set forth in local, state, or federal law.
- 8) Any other cause the Purchasing Agent determines to be so serious and compelling as to materially and adversely affect responsibility of a vendor as a City contractor, including but not limited to suspension by another government entity

Debarment: A vendor may be permanently debarred for the following:

- 1) Default or failure to fully comply with the conditions, specifications, drawings, or terms of a bid, proposal, or contract with the City of Torrington twice in any three-year period.
- 2) Conviction of or judgment obtained in a court for commission of those offenses in connection with the vendor's commercial enterprise stated sections 3) or 4) of suspension section listed above. If the conviction is reversed through the appellate process, the debarment shall be removed upon written notification and proof of final Court disposition from the vendor to the City of Torrington.

TRADE NAME REFERENCES: Any and all references to trade names, types, styles, model numbers, stock numbers or catalogs are intended to be descriptive only and not restrictive. The intention is to indicate to bidders the type and quality of the articles and or materials that will be satisfactory. When reviewing the information, it is the responsibility of the prospective bidder to inform the City of Torrington of any discrepancy that is found (i.e. number listed does not fit item description) Bids received on other makes or models with reference to other catalogs will be considered. The bidder is to clearly state in his bid exactly what he intends to furnish and to furnish with his bid a cut or illustration or other descriptive matter that will clearly indicate and give specification as to the product he/she proposes to furnish. Where a bid is offered on an item other than the trade standard used in the specification the item should be identified on the bid form by entering the MAKE, TRADE NAME AND MODEL NUMBER. It is understood that any substitute and/or alternate that might be offered are guaranteed by the bidder to be of equal or better quality than is referenced in the bid. The item(s) must be equivalent as to function, basic design, type and quality of material, method of construction and any required dimensions. It shall be further understood that during original as well as subsequent shipments spot checks will be performed to insure that the items received are in fact the items offered in the bid. When received, should items/materials prove to be different from what was bid in any way, the bidder agrees to the return of the items and agrees to supply correct items (per bid specifications) at the bidders expense. In the event this return action is required, it is understood the bidder may be subject to removal from the city's approved bidder's list. Bidders are cautioned that surplus, seconds, factory rejects, floor samples, close outs or distressed items are not acceptable and shipments of substitutions, defective or shop-worn equipment will be returned for a full refund at the vendor's expense.

QUANTITY: The quantities and/or materials listed in the specifications/bid sheets may be increased or decreased by the City of Torrington or its designated representative based on actual need at the time the purchase orders are placed.

QUALITY: The City of Torrington reserves the right to reject any proposal in whole or in part offering equipment and/or materials and/or services that in its or its agent's opinion does not meet the quality standards desired. Such decision is final and not subject to further recourse by the bidder.

SAMPLES: forwarded by the bidder will be returned to the bidder at his request and expense. Requests for return of samples must be submitted in writing at the time the sample is given to the City of Torrington or its representative. Samples not returned to the bidder will be disposed of at the discretion of the City of Torrington or its designated representative. Large pieces of equipment submitted for evaluation and inspection are to be picked up by the bidder within 30 days of the bid opening date. Items remaining after 30 days will be discarded.

AWARD: It is the intent to award this bid in its entirety to one bidder, however, the City reserves the right to award the bid line item by line item if it is deemed in its best interest to do so. In addition, bidders are advised that should budgetary constraints dictate, part, and/or all the items in this bid may be rejected. This decision shall be considered final and not subject to recourse by the bidder. In determining the lowest or highest responsible bidder, the City reserves the right to consider, in addition to price, the compatibility, quality, cost of maintenance and availability of parts, experience and/or past performance of the bidder, sufficiency of the financial resources of the bidder as relates to the offerings as well as the ability of the bidder to provide future maintenance and service.

Documents previously submitted to the city of Torrington will not be considered as satisfying submission requirements for this bid.

No bidder can claim any contract rights by virtue of bidding alone. Awarding of the contract means actual written notice by letter and a properly executed purchase order to the bidder or bidders to whom the bid has been awarded.

BONDS:

Performance Bond: The Contractor, when awarded the Bid, must submit within 10 days of the bid award, and before beginning the work or signing a contract, a Performance Bond amounting to one hundred percent (100%) of the total amount of the bid. Said performance bond must be in favor of the City of Torrington and executed by a surety company authorized to do business in the State of Connecticut. The City of Torrington reserves the right to retain the Bid Bond or Certified Check on bids below \$25,000.00 as a Performance Bond. On bids of \$25,000.00 or more the Performance Bond may be furnished in the following manner: Performance Bond, Surety Bond, Certified Check or Bank Check.

Maintenance Bond: The contractor, upon signing a contract and before beginning the work must submit to the Purchasing Agent a Maintenance Bond to guarantee that if defects in either labor or materials becomes evident within one year after completion and acceptance of work will be fixed at no cost to the City of Torrington. The maintenance bond may be included as a portion of the Performance bond or as a separate bond. If it is issued as a separate bond said maintenance bond must be in favor of the City of Torrington and issued by a surety company licensed and authorized to do business in the State of Connecticut.

Labor and Material Bonds: Per Section 49-41 of the Conn. General Statutes, on Public Works project where the estimate is in excess of \$25,000.00, a labor (payment) and material bond must be furnished to the City. Said bonds must be filed with the Purchasing Agent prior to the commencement of work.

Consent for Release of Final Payment: AIA Document G707 & G706, or equivalent, must be signed and returned by the Surety Company before final payment will be released to the contractor.

INSURANCE:

Certificate of Insurance: All insurers shall purchase insurance from an insurance company or companies rated A-V11 or better by A.M. Best Companies lawfully authorized to do business in the State of Connecticut. The insurance provisions set forth below are minimum requirements. All insurance policies must include a Waiver of Subrogation whereby the insured waives its right to subrogate against the City, its subsidiaries, employees, volunteers, directors and officers. In the event the Contractor/City Contract (Project Requirements) specifies additional coverage's and/or amounts of coverage then those set forth below and pertaining to the Contractor's work, then the Contractor shall provide the coverage's and/or amounts in accordance with the Project Requirements. Proof of proper insurance coverage, Workers Compensation Insurance, Liability and Property damage, and Vehicle Insurance shall be filed with the City of Torrington Purchasing Agent within 10 days after the award of the bid. The Certificate of Insurance must name the City of Torrington, 140 Main St., Torrington, CT, its subsidiaries, employees, volunteers, directors & officers as the "Additional Insured" and filed with the Purchasing Agent prior to commencement of work. Renewal Certificates of Insurance must be mailed to the Purchasing Agent 10 days prior to the expiration of the required coverage. Such insurance will protect the Contractor from claims which may arise out of or result from the Contractor's operations under the Subcontract and for which the Contractor may be legally liable, whether such operations be by the Contractor or by a Sub-Contractor or by anyone directly or indirectly employed by any of them, or by anyone for whose acts any of them may be liable. Contractor, and any Sub-subcontractors engaged by the Contractor, shall obtain the following insurance:

Workers' Compensation Insurance: For all work performed pursuant to this contract, Contractor shall maintain Workers' Compensation Insurance, including coverage for all executive officers, sole proprietors and partners, and other similar employee benefits in the amount required by all applicable statutes, law, regulations or acts. Such Workers' Compensation Insurance must list on Item 3A of the policy Information Page "Part One of the policy applies to the Workers' Compensation Law of the State Connecticut" and provide a Waiver of Subrogation endorsement (NCCI form WC 00 03 13 or its equivalent) that prohibits the insurance company from enforcing subrogation and recovery rights against the City, its subsidiaries, employees, volunteers, directors and officers. If work is to be performed over or adjacent to navigable waterways, the Workers' Compensation Insurance shall contain the United States Longshore and Harbor Workers' Act Endorsement (NCCI Form WC 00 01 06 or its equivalent). In case any class of employees or subcontractors is engaged in hazardous work under the contract at the site of the work is not protected under the Workman's Compensation statute, the contractor shall provide Workman's Compensation Insurance for the protection of employees not otherwise protected.

Liability Insurance: The Contractor shall take out and maintain for the life of the contract, adequate public liability insurance insuring against liability to persons not employed by him in an amount of not less than \$1,000,000.00 for injuries, wrongful death to any one person and subject to the limit for each person in an amount of not less than \$2,000,000.00 on account of one accident and property damage insurance in an amount of not less than \$1,000,000.00.

Vehicle Insurance: The Contractor shall take out and maintain for the life of the contract, adequate automotive/truck or other vehicle insurance with minimum coverage of \$1,000,000.00 each for both liability and under insured and uninsured motorist as well as any other coverage required by the State of Connecticut or requested by an official of the City of Torrington as relates to the contract.

Additional Security: The City of Torrington reserves the right to require successful bidders to enter into and such security arrangements as are deemed necessary to protect the City of Torrington, its property and goods.

PERMITS: The successful bidder agrees to obtain all work/building permits as might be required. The cost of obtaining such permits is the responsibility of the bidder. The City of Torrington reserves the right to waive local permit fees. In addition, it shall be understood that where property lines are to be considered, bidders are to verify said lines and measurements with proper City Officials prior to commencement of work. It is to be understood that any/all specifications and/or plans or drawings contained in or developed as a result of the bid process are and shall be presented subject to the approval of the City of Torrington planning, zoning and building officials and that awards made prior to said approval are subject to cancellation.

PREVAILING WAGE: When the State of Connecticut Prevailing Wage Rate is applicable to the bid, the successful bidder must submit a Certified Payroll Record prior to any request and/or invoice for payment.

CITIZENSHIP: Each employee of the Contractor shall be a citizen of the United States or an alien who has been lawfully admitted for permanent residence as evidenced by an Alien Registration Receipt Card. The Contractor agrees not to employ any person undergoing sentence of imprisonment except as provided by Public Law 89-176, September 10, 1965, (18 USC 4082)(c)(2).

SAFETY:

Machine and/or Equipment Hazard Assessment and Safety Training: Upon delivery of machines and/or equipment, suppliers are required to provide to the end-user employees, at no additional charge, a training session that will emphasize hazard awareness and assessment and the safe use of such machinery/equipment.

Occupational Safety and Health Act of 1970: Seller shall warrant that the machinery, equipment or other materials covered hereby shall upon delivery to the City of Torrington, be in compliance with the standards required by said Act and any updates as pertain to or reference said Act as well as the standards required by comparable State and local laws, if any, for such machinery, equipment or other materials in effect at the time of delivery.

Machines and/or Equipment Lockout/Tagout: In an effort to comply with OSHA's final rule on the control of hazardous energy sources, vendors must warrant that any and all machines and/or equipment as is covered under this bid will be supplied and/or installed equipped with lockout/tagout devices as prescribed by OSHA.

Toxic Substance Control Act (PL94-469): Seller warrants that each and every chemical substance constituting or contained in the products sold or otherwise transferred to the City of Torrington under this bid and subsequent purchase orders is not on the list of prohibited chemical substances compiled and published by the Administrator of the Environmental Protection Agency pursuant to Act PL94-469 and are otherwise in compliance with said Act.

Hazardous Materials: Any materials required by this bid and subsequent purchase orders that are hazardous under federal, state, or local statute, ordinance, regulation, or agency order will be packaged, labeled, marked and shipped by the seller to comply with all federal, state and local regulations then in effect including but limited to the provisions of the Hazardous Materials Transportation Act and Regulations promulgated thereunder and will further comply with any special requirements and any policies and procedures of the City of Torrington relating to the purchase of hazardous materials as might be noted on subsequent purchase orders or otherwise communicated to seller in writing.

Material Safety Data Sheets: Shall be provided by the Seller upon delivery to the City of Torrington of any goods having constituents listed in the following references - OSHA 1910, ACHIG Current Threshold Values, DOT HazMat Table 49, IARC Carcinogen List, National Toxicology Program Carcinogen List, and/or Radioactive Materials. These Material Safety Data Sheets must be consistent with and include information required by the OSHA Hazard Communication Standard published as 29 CFR 1910.1200, as the same may be amended or supplemented from time to time.

Asbestos: Bidders are advised that asbestos-containing material may be located in the boiler rooms, pipe tunnels, storage areas and various portions of City buildings. Before proceeding on any contractual work on City buildings or their interiors, it is mandatory that bidders familiarize themselves with the asbestos-containing material and that said material be considered as a health hazard and all precautionary measures according to the Ahera Rules & Regulations be observed. It is the bidder's responsibility to notify all employees and/or subcontractors of this notification.

PREVAILING WAGE: When the State of Connecticut Prevailing Wage Rate is applicable to the bid, the successful bidder must submit a Certified Payroll Record prior to any request and/or invoice for payment.

CITIZENSHIP: Each employee of the Contractor shall be a citizen of the United States or an alien who has been lawfully admitted for permanent residence as evidenced by an Alien Registration Receipt Card. The Contractor agrees not to employ any person-undergoing sentence of imprisonment except as provided by Public Law 89-176, September 10, 1965, (18 USC 4082)(c)(2).

SUB-CONTRACTORS: The successful bidder shall not employ any subcontractor to fulfill any of the duties herein specified without express, prior written approval of the City of Torrington or its designated agent.

EEO: The successful bidder shall provide any/all additionally required, affirmative action statements, fair employment plans and non-discrimination programs and statement as might be required by the City of Torrington. In connection with the execution of this bid, subsequent purchase orders and/or contracts, the seller shall not discriminate against any employee or applicant for employment because of age, race, religion, color, sex or national origin. Bidders must comply with all rules & regulations of the Department of Labor with regard to Equal Employment Opportunities as pertains to

municipalities.

TERMINATION OF CONTRACT: Any contract entered into by the City and the successful bidder shall provide that the City may terminate the contract upon thirty (30) day notice to the bidder.

The City of Torrington reserves the right to award or reject any or all bids, or any portion thereof, to waive technicalities, to award the contract to a bidder other than the lowest bid and to award the bid and/or contracts to one or more bidders submitting essentially identical proposals and, that in the city's judgment, will best serve the public interest.

The terms and conditions of these "Instructions To Bidders" are made a part this bid.

SAMPLE FORM

Bid # _____

NON-COLLUSION AFFIDAVIT

STATE OF _____ COUNTY OF _____

I, _____, being first duly sworn, deposes and says that:

1. I am _____ of _____, the Bidder that has submitted the attached Bid for "_____";
2. I am fully informed respecting the preparation and contents of the attached Bid and of all pertinent circumstances respecting such bid;
3. Such Bid is genuine and is not a collusive or sham Bid;
4. Neither the said Bidder nor any of its officers, partners, owners, agents, representatives, employees or parties of interest, including this affiant, has in any way colluded, conspired, connived or agreed directly or indirectly with any other Bidder, firm or person to submit a collusive or sham Bid in connection with such Contract, for which the attached Bid has been submitted nor has it in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Bidder, firm or person to fix the price or prices in the attached Bid or of any other Bidder, or to fix any overhead, profit or cost element of the Bid price or the price of any Bidder, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against the City of Torrington or any person interested in the proposed Contract; and
5. The price or prices quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.

(Printed) _____

(Signed) _____

(Title) _____

Subscribed and sworn to before this _____ day of _____, 20_____.

Notary Public Printed

Notary Public Signature

My Commission Expires _____ (Notary Seal)

NOTE: Documents must be signed before and sealed by a Notary Public. Only documents bearing a notary seal will be accepted.

SAMPLE FORM

BID # _____
CONSENT OF SURETY COMPANY
TO RELEASE FINAL PAYMENT

- City
 - Architect
 - Contractor
 - Surety
 - Other
-

PROJECT/BID NUMBER:

TO: City of Torrington
Attn: Purchasing Agent
140 Main Street
Torrington, CT 06790

CONTRACTOR: _____

In accordance with the provisions of the Contract between the City of Torrington and the Contractor as indicated above, the (insert name & address of Surety Co.) _____, SURETY COMPANY on bond of (insert name & address of Contractor) _____, CONTRACTOR, hereby approves of the final payment to the Contractor, and agrees that final payment to the Contractor shall not relieve the Surety Company of any of its obligations to the CITY OF TORRINGTON as set forth in the Surety Company's bond.

Subscribed and sworn to before this
_____ day of _____, 20__.

Notary Public

Surety Company

Authorized Representative's Signature

My Commission Expires _____

Title

(Notary Seal)

NOTE: Documents must be signed before and sealed by a Notary Public. Only documents bearing a notary seal will be accepted.

**CITY OF TORRINGTON
SEWER VACTOR SPECIFICATIONS
OVERVIEW
BID# CSV-030-111815**

Combination Single Engine Sewer Cleaner with Hydrostatic Driven Vacuum System Mounted on a Heavy Duty Truck Chassis

The City of Torrington Water Pollution Control Authority (WPCA) is seeking sealed proposals for one (1) Combination Single Engine Sewer Cleaner with Hydrostatic Driven Vacuum System Mounted on a Heavy Duty Truck Chassis. For procedural questions, contact the Purchasing Agent: Pennie Zucco (860) 489-2225. For technical questions, contact WPCA Administrator: Ray Drew (860) 485-9166 and/or Fleet Manager Emil Castro (860) 489-2349. Questions will be answered through an addendum which shall be posted on the city and state websites. **The deadline for questions to be submitted is Friday, November 6, by 12:00 noon.**

The deadline for bid submittals is **November 18, 2015 at 11:00 AM**. Bids shall be submitted to the Purchasing Department, City Hall, 140 Main Street, Room 206, Torrington, CT 06790. The outside envelope shall be clearly marked **BID# "CSV-030-111815, SEWER VACTOR"**. Bids received after the time and date specified will be rejected and returned unopened. In the event of the closure of City Hall, proposals will be opened on the following business day that City Hall is opened. The City will not be liable for any costs incurred in the preparation of the response for this Invitation to Bid. **Bids may not be submitted by fax or e-mail.**

Bid proposals must remain in effect for a minimum of ninety (90) days following the opening of Bids. Pricing must be held firm for the duration of contract.

Complete operators, parts and service manuals shall be supplied with compact wheel loader.

All information by the City except by written addendum shall be informal and shall not be binding upon the City nor shall it furnish a basis for legal action by any proposer against the city. Vendor responsible to check City website for addendum to be submitted with bid.

The bidder hereby acknowledges receipt of and agrees this submittal is based on the BID and the following addenda. Failure to indicate receipt of addenda may result in the bidder being rejected as nonresponsive.

ADDENDUM # _____ DATED _____ ADDENDUM # _____ DATED _____

ADDENDUM # _____ DATED _____ ADDENDUM # _____ DATED _____

(If additional addenda are issued, attach a complete listing of these addenda when submitting this bid.)

The City of Torrington reserves the right to award or reject any or all bids, or any portion thereof, to waive technicalities, to award the contract to a bidder other than the lowest bid and to award the bid and/or contracts to one or more bidders submitting essentially identical proposals and, that in the city's judgment, will best serve the public interest.

**SEWER VACTOR SPECIFICATIONS
BID# CSV-030-111815**

1) GENERAL

A) The City of Torrington Water Pollution Control Authority (WPCA) is seeking sealed proposals for one (1) Combination Single Engine Sewer Cleaner with Hydrostatic Driven Vacuum System Mounted on a Heavy Duty Truck Chassis. For procedural questions please contact the Purchasing Agent: Pennie Zucco, (860) 489-2225. For technical questions please contact WPCA Administrator: Ray Drew (860) 485-9166 and/or Fleet Manager Emil Castro (860) 489-2349. Questions will be answered through an addendum which shall be posted on the city and state websites. **The deadline for questions to be submitted is Friday, November 6, by 12:00 noon.**

B) It is the intent of these specifications to describe the minimum requirements for a new Combination Single Engine Sewer Cleaner with Hydrostatic Driven Vacuum System Mounted on a Heavy Duty Truck Chassis designed for the cleaning of sanitary and storm sewer mains in a range of sizes from 6" to 30" and the removal of sand, dirt, grease, detergents, and other materials commonly found in storm drain and sanitary sewer pipes. The machine described shall be designed to deliver high performance capabilities and provide maximum operator safety and convenience. All parts not specifically mentioned which are required for a complete unit shall conform in design, strength, quality of material, and workmanship to the highest standards of engineering practice.

C) It is the desire of the Water Pollution Control Authority to have proposed Vehicle, Accessory Equipment and Documentation delivered in whole to the City of Torrington Water Pollution Control Authority on or before July 1, 2016.

D) Each Proposer shall schedule a performance evaluation of their proposed vehicle with the WPCA Administrator, Fleet Manager and Collection System Crews. Evaluations will be scheduled as soon after closing date as is reasonably possible. Evaluations can be scheduled by contacting WPCA Administrator Ray Drew (860) 485-9166.

(a) While it is understood that proposed vehicles are custom built, each proposer shall present for evaluation a vehicle that is as close to the proposed vehicle as possible. Vehicles that deviate significantly (i.e. engine, transmission, tank capacities...) from what is proposed will not be accepted for evaluation.

E) Combination Single Engine Sewer Cleaner with Hydrostatic Driven Vacuum System Mounted on a Heavy Duty Truck Chassis offered shall be the manufacturer's standard production model. The manufacturer shall have a minimum of five (5) years' experience in the manufacturing and or assembly of such and shall have units in continuous use by municipal and industrial owners for a minimum of three (3) years. The manufacturer shall submit a list of five municipalities within New England including contact names, email and telephone numbers that have the proposed model in service.

F) ALTERNATE – Each Proposer may at their option supply a Trade In credit offer for the WPCA's current Combination Dual Engine Sewer Cleaner/Vacuum System Mounted on a Heavy Duty Truck Chassis (1994 Vactor 2100 on International chassis).

(a) Contact Ray Drew 860-485-9166 to schedule inspection of vehicle.

- (b) Contact Emil Castro 860-489-2349 for review/copies of maintenance records.
- (c) The WPCA shall have the right to reject Trade In credit offer.
- (d) If the Trade In credit offer is accepted and the proposer is awarded the contract, proposer shall be obligated to accept trade upon delivery of new vehicle. The WPCA will do its due diligence to maintain said vehicle in its current condition.

2) COMBINATION SINGLE ENGINE SEWER CLEANER WITH HYDROSTATIC DRIVEN VACUUM SYSTEM MOUNTED ON A HEAVY DUTY TRUCK CHASSIS.

A) BODY: Loosely Based on VACTOR 2100 Plus or EQUAL

- (a) **Description:** 2100 PLUS with Single Engine Fan, 12 Yard Debris Body, 1300 Gallons of Fresh Water tanks.
 - (1) **Color: White**
- (b) **Features:**
 - (1) Aluminum Fenders
 - (2) Mud Flaps
 - (3) Electric/Hydraulic Four Way Boom
 - (4) Color Coded Sealed Electrical System
 - (5) Remote Pendant Control w/35' Cord
 - (6) Vansco-Electronic Package
 - (7) Double Acting Dump Hoist Cylinder
 - (8) Handgun Assy. w/1/2" x 50' Hose w/Quick Disconnects
 - (9) Ex-Ten Steel Cylindrical Debris Tank
 - (10) Flexible Hose Guide
 - (11) 30 Deg. Sand Nozzle w/Carbide Inserts
 - (12) 30 Deg. Sanitary Nozzle w/Carbide Inserts
 - (13) 15 Deg. Penetrator Nozzle w/Carbide Inserts
 - (14) Nozzle Storage Rack
 - (15) Vacuum Tube Storage: Curbside (2) Pipe, Rear Door (2) Pipe
 - (16) 1" Nozzle
 - (17) Flat Rear Door w/Hydraulic Locks and Door Power-up/Down, Open/Close Feature
 - (18) Dual 10" Stainless Steel Float Shut Off System/Rear Mounted
 - (19) Debris Body Vacuum Relief System
 - (20) Debris Deflector Plate
 - (21) 60" Dump Height
 - (22) Water Sight Gauge DS/PS
 - (23) Liquid Float Level Indicator
 - (24) 3" Y-Strainer @ Water Pump w/3" Drain Valve
 - (25) Performance Package: (Hyd. Variable Flow, Dual PTO's. Dual Hyd. Pumps)
 - (26) 1" Water Relief Valve for Water Pump
 - (27) Mid-ship Handgun Coupling
 - (28) Side Mounted Water Pump
 - (29) Hose Wind Guide (Dual Roller)
 - (30) Hose Footage Counter – Mechanical

- (31) Hose Reel Manual Hyd. Extend/Retract
- (32) Hose Reel Chain Cover (Full)
- (33) Tachometer/Chassis Engine W/Hour-meter
- (34) Tachometer & Hour-meter
- (35) Circuit Breakers
- (36) LED Lights. Clearance, Back-Up, Stop, Tail & Turn
- (37) Tow Hooks, Front and Rear
- (38) Electronic Back-Up Alarm
- (39) Module Paint, Dupont Imron Elite - Wet on Wet
- (40) 8" Vacuum Pipe Package
- (41) Emergency Flare Kit
- (42) Fire Extinguisher 5 Lbs.
- (43) Water Pump Hour Meter
- (44) PTO Hour Meter
- (45) Chassis Modifications as required
- (46) 3" Y-Strainer w/25' Fill Hose
- (47) 180 Degree Rotation, 10 Ft. Hydraulic Telescoping Boom, Front Loading 8" Suction Hose.
- (48) 80 GPM Variable Flow Water System
- (49) 2500 PSI Water Pressure
- (50) 1" x 600' Piranha Sewer Hose, 2500 PSI
 - a. The unit will be supplied with an abrasion resistant plastic (Armor Belt) sewer cleaner hose capable of cleaning sanitary service lines, storm lines, culverts, drainage tiles and other open conducts.
 - b. Hose outer cover will contain an integral belting of high tensile polymer reinforcement for cut and abrasion resistance.
- (51) Hydraulic Extending/Rotating 15" Hose Reel (1" x 800') Capacity
- (52) Debris Body Flush Out System
- (53) 6" Butterfly Valve, Rear Door, 3:00 Position
- (54) 6" Butterfly Valve, Rear Door, 6:00 Position
- (55) Full Rear Door Swinging Screen
- (56) 6" Decant System w/Knife Valve, Curbside
- (57) Centrifugal Separators
- (58) Folding Pipe Rack, Curbside
- (59) Rear Door Splash Shield
- (60) Lube Manifold
 - a. Plastic Lube Chart
- (61) Front Joystick Boom Control
- (62) Cold Weather Recirculator, PTO Driven, 25 GPM
- (63) Jet Rodder Water System Accumulator
- (64) Handgun Couplers, Front and Rear
- (65) Hydro Excavation Kit/Retract Reel w/1/2" X 50' Hose and Nozzle
- (66) Automatic Hose Level Wind Guide, Indexing
- (67) Fan Flush out System
- (68) Digital Hose Footage Counter
- (69) Handgun Hose Reel w/Spring Retract
- (70) Hydraulic Tank Shutoff Valves
- (71) Rodder Pump Drain Valves
- (72) Rear Directional Control, Split LED Arrow Traffic Controller, 10 Lights
- (73) Hand Light w/Bumper Plug
- (74) DOT 3 Lighting Package, 5 Federal Signal Strobe Lights, LED

- (75) Work lights (2), LED, Rear Door
- (76) Work light, LED, Operators Station
- (77) Work light, LED, Hose Reel Manhole
- (78) Work light, LED, Curb Side
- (79) Work light, LED, Street Side
- (80) Spotlight LED with 25' cord
- (81) Toolboxes will be protected from the effects of water and road dust by a thick automotive bulb type neoprene door seal. A heavy duty locking handle will be provided on toolboxes
 - a. Toolbox, Front Bumper Mounted, 16 x 12 x 18 w/(2) LED Side Markers
 - b. Tool tray, Behind Cab
 - c. Toolbox, Driver Side Chassis Frame, 60w x 24h x 24d
 - d. Toolbox, Driver Side Sub frame, 48w x 20h x 12d
 - e. 24" x 26" x 69" Curb Side Aluminum Toolbox
- (82) Camera System, Front and Rear
- (83) Vacuum Tubes
 - a. (1) 8" x 3' Aluminum Tube
 - b. (2) 8" x 5' Aluminum Vacuum Tube
 - c. (1) 8" x 7'-6" Aluminum Vacuum Tube
- (84) (1) 8" x 78" Higbee C/B Nozzle Assembly
- (85) (6) 8" Quick Clamp Assembly
- (86) (2) 3" Y-Strainer Screen
- (87) (1) Flexible Hose Guide
- (88) 1 Printed and 1 Digital Full Manual
- (89) 1 QT touch up paint: each color

B) HOSE REEL DRIVE SYSTEM

- (a) The hose reels shall be chain driven by hydraulic power in both directions, either with or without the water pump in operation.
- (b) A hydraulic pump rated at 0-8 GPM at 2,000 PSI will power the hose reel drive. A hydraulic motor with chain drive and sprocket capable of operating in both directions will be furnished. The hydraulic motor and chain must be adjustable.
- (c) The hydraulic drive for the reels will be furnished with an overload relief valve.
- (d) The hydraulic drive for the reels shall select left or right reel control through use of a single diverter valve mounted on the hose reel assembly.

C) WATER SYSTEM PIPING

- (a) All piping systems subjected to high pressure shall use zinc chromate plated steel fittings with minimum burst pressure of 4 times the system pressure. Hoses working pressure ratings shall exceed the maximum system pressure.
- (b) A strainer with a minimum of 40-mesh screen shall be installed in the suction line at a location accessible for cleaning.
- (c) All piping shall be installed to drain by gravity through suitable openings equipped with plugs, drain cocks, or ball valves.
- (d) Pressure to the cleaning nozzle, shall be regulated by an overload relief valve.
- (e) To control water flow from water pump, a single lever control shall regulate direction of water either to hose reel or back to tank utilizing a high-pressure valve assembly. This single lever control shall control a 3-way valve.
- (f) The recirculation ability of this system allows for use of unit in sub-freezing temperatures.
- (g) Water delivery to hose reel shall pass through a single 90-degree swivel rotary coupling.

- (h) Pump to be fitted with drain cocks for complete training of pump.
- (i) Pump shall be fitted with a factory set overload relief valve.
- (j) The water pump shall be direct coupled to a hydraulic motor. Drive systems incorporating any type of flexible coupling or belt drive system are not deemed acceptable due to maintenance related issues.

D) HYDROSTATIC DRIVE SYSTEM

- (a) The water pump will be driven by a hydrostatic system, which is powered by the truck engine via a PTO mounted to the transmission. The PTO drives a shaft, which powers a hydrostatic transmission pump. This hydrostatic transmission pump is responsible for driving a rear mounted hydraulic motor, which drives the water pump. Also mounted to the hydrostatic pump is a hydraulic pump, which is responsible for relaying power to a rear mounted hydraulic motor that drives the hose reel.
- (b) The hydraulic oil reserve capacity will be at least 24 US gallons with oil temperature indicator. This unit will also be equipped with low hydraulic oil indicator lights located in cab as well as at operator's station to signal loss of hydraulic oil. A hydraulic oil cooler will be provided with hydraulic oil filter. Hydraulic filter shall be cartridge style and integral to the reservoir.
- (c) The hydraulic oil reservoir, water pump, and rear hydraulic motor are to be mounted above the chassis frame rails.

E) ALL-WEATHER SAFETY SYSTEM

- (a) An air purge system will be installed which allows high-pressure air to force water from system.

F) CONTROL PANEL

- (a) All controls shall be mounted in a weather tight NEMA 4 control panel.
- (b) Jetter Control panel will include:
 - (1) Throttle
 - (2) Low oil warning light (in cab as well)
 - (3) Variable reel speed control
 - (4) Forward/reverse hose reel control
 - (5) Control panel light
 - (6) Water level indicator (4 light)
 - (7) Tachometer w/hour meter
 - (8) Water pressure gauge (glycerin filled)
 - (9) Pump power control

G) PAINT

- (a) Before painting, all metal shall be cleaned and etched with a phosphoric material to insure permanent bond of primer and paint. The entire unit will be painted per customer specification.
- (b) All components of the unit whether purchased or manufactured shall be BOTH primed and painted prior to assembly in order to assure maximum resistance to corrosion. Painting after the assembly process is NOT acceptable.
- (c) The unit shall have the frame painted black and the hose reel and shroud assemblies to be painted white.

3) TRUCK CHASSIS MODEL PROFILE

A) The truck and chassis shall be used for the mounting a Combination Single Engine Sewer Cleaner with Hydrostatic Driven Vacuum System as described in Section Two (2) above.

B) The following specifications are generally based on an International 2016 7600 SFA 6X4 2010 (SF567) OR EQUAL.

C) GENERAL SPECIFICATIONS

(a) Truck must meet the CONN-OSHA noise requirements.

(b) Truck to be equipped with a Beka-Max lube system (OR EQUAL). This system can be supplied and installed by Lubrication Technologies, Inc. 168 Windsor Street, West Springfield, MA 01089-3530. Both the truck supplier and the body and equipment supplier will work with Lubrication Technologies to assure the lubrication needs and number grease points for their equipment are met.

D) SPECIFICATIONS

MISSION:	Requested GVWR: 66000. Calc. GVWR: 66000
DIMENSION:	Wheelbase: 276.00, CA: 192.50, Axle to Frame: 89.00
ENGINE, DIESEL:	{Navistar N13} EPA 10, SCR, 430 HP @ 1700 RPM, 1550 lb-ft Torque @ 1000 RPM, 2100 RPM Governed Speed, 430 Peak HP (Max)
TRANSMISSION AUTOMATIC	{Allison 4000_RDS_P} 5th Generation Controls; Close Ratio, 6-Speed, With Double Overdrive; On/Off Hwy; Includes Oil Level Sensor, With PTO Provision, Less Retarder
AXLE, FRONT NON-DRIVING:	{Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
AXLE, REAR, TANDEM:	{Meritor RT-46-160P} Single Reduction, 46,000-lb Capacity, With Lube Pump, 200 Wheel Ends Gear Ratio: 4.89
CAB:	Conventional
TIRE, FRONT:	(2) 425/65R22.5 HTC1 (CONTINENTAL) 465 rev/mile, load range L, 20 ply
TIRE, REAR:	(8) 11R22.5 HDR2 (CONTINENTAL) 491 rev/mile, load range G, 14 ply
SUSPENSION, REAR, TANDEM:	{Hendrickson RT-463} Walking Beam Type 54" Axle Spacing; 46,000-lb Capacity with Bronze Center Bushings CROSSMEMBER, SUSPENSION Stamped Steel Double Dogbone
FRAME REINFORCEMENT:	Outer "C" Channel, Heat Treated Alloy Steel (120,000 PSI Yield); 10.813" x 3.892" x 0.312"; (274.6mm x 98.9mm x 8.0mm); 480.0" (12192mm) Maximum OAL
PAINT:	Base Coat/Clear Coat, White

- a) Description** Base Chassis, Model 7600 SFA 6X4 2010 with 276.00 Wheelbase, 192.50 CA, and 89.00 Axle to Frame.
- b) Features**
- (1) FRAME RAILS Heat Treated Alloy Steel (120,000 PSI Yield); 10.125" x 3.580" x 0.312" (257.2mm x 90.9mm x 8.0mm); 480.0" (12192) Maximum OAL
 - (2) FRAME REINFORCEMENT Outer "C" Channel, Heat Treated Alloy Steel (120,000 PSI Yield); 10.813" x 3.892" x 0.312"; (274.6mm x 98.9mm x 8.0mm); 480.0" (12192mm) Maximum OAL
 - (3) CROSSMEMBER, SUSPENSION (1) 7-Piece Steel Replacing (1) Double Dog bone, Forward
 - (4) WHEELBASE RANGE 266" (675cm) Through and Including 311" (790cm)
 - (5) AXLE, FRONT NON-DRIVING {Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
 - (6) SUSPENSION, FRONT, SPRING Parabolic, Taper Leaf; 20,000-lb Capacity; With Shock Absorbers
 - a. SPRING PINS Rubber Bushings, Maintenance-Free
 - (7) BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
 - a. BRAKE LINES Color and Size Coded Nylon
 - b. DRAIN VALVE Twist-Type
 - c. DUST SHIELDS, FRONT BRAKE
 - d. DUST SHIELDS, REAR BRAKE
 - e. GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster
 - f. PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel
 - g. PARKING BRAKE VALVE For Truck
 - h. QUICK RELEASE VALVE Bendix On Rear Axle for Spring Brake Release: 2 for 6x4
 - i. SLACK ADJUSTERS, FRONT Automatic
 - j. SLACK ADJUSTERS, REAR Automatic
 - k. SPRING BRAKE MODULATOR VALVE SR-7 with relay valve for 6x4
 - (8) BRAKES, FRONT, AIR CAM 16.5" x 6", Includes 24 Sq. In. Long Stroke Brake Chambers
 - (9) AIR BRAKE ABS {Bendix Antilock Brake System} Full Vehicle Wheel Control System (4-Channel)
 - (10) AIR DRYER {Meritor Wabco System Saver 1200} with Heater
 - (11) BRAKE CHAMBERS, FRONT AXLE {Haldex} 24 Sq. In.
 - (12) BRAKE CHAMBERS, REAR AXLE {Haldex GC3030LHDHO} 30/30 Spring Brake
 - a. BRAKE CHAMBERS, SPRING (4) Rear Parking; WITH TRUCK BRAKES: All 6x4, 6x6; WITH TRACTOR BRAKES: 6x4 & 6x6 with Rear Tandem Axles 46,000-lb. or Greater or VWR of 54,000-lb. or Greater
 - (13) BRAKES, REAR, AIR CAM S-Cam; 16.5" x 7.0"; Includes 30/30 Sq. In. Long Stroke Brake Chamber and Spring Actuated Parking Brake
 - (14) ENGINE COMPRESSION BRAKE by Jacobs; for N13 Engines, With Selector Switch and On/Off Switch
 - (15) AIR COMPRESSOR 21.0 CFM Capacity
 - (16) DRAIN VALVE Automatic, With (3) Pull Chains, for Air Tanks
 - (17) STEERING GEAR (2) {Sheppard M-100/M-80} Dual Power

- (18) EXHAUST SYSTEM Switchback Horizontal After treatment Device, Frame Mounted Right Side Under Cab; Includes Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab
- (19) AFTERTREATMENT Remote Mounted Sensor Pack
- (20) RAIN CAP With Single Exhaust, Non-Bright Finish
- (21) SWITCH, FOR EXHAUST 3 Position, Momentary, Lighted Momentary, ON/CANCEL, Center Stable, INHIBIT REGEN, Mounted in IP Inhibits Diesel Particulate Filter. Regeneration When Switch is moved to ON While Engine is Running, Resets When Ignition is Turned OFF
- (22) ELECTRICAL SYSTEM 12-Volt, Standard Equipment
 - a. DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab
 - b. FUSES, ELECTRICAL SAE Blade-Type
 - c. HAZARD SWITCH Push On/Push Off, Located on Top of Steering Column Cover
 - d. HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever
 - e. HEADLIGHTS (2) Sealed Beam, Round, with Chrome Plated Bezels
 - f. JUMP START STUD Located on Positive Terminal of Outermost Battery
 - g. PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
 - h. RUNNING LIGHT (2) Daytime, Included With Headlights
 - i. STARTER SWITCH Electric, Key Operated
 - j. STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector
 - k. TURN SIGNAL SWITCH Self-Cancelling for Trucks, w/Lane Change Feature.
 - l. TURN SIGNALS, FRONT Includes Reflectors and Auxiliary Side Turn signals, Solid State Flashers; Flush Mounted
 - m. WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever
 - n. WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted
 - o. WIRING, CHASSIS Color Coded and Continuously Numbered
- (23) ALTERNATOR {Bosch LH160} Brush Type, 12 Volt 160 Amp. Capacity, Pad Mount
- (24) BODY BUILDER WIRING INSIDE CAB; Includes Sealed Connectors for Tail/Amber, Turn/Marker/Backup/Accessory, Power/Ground, and Stop/Turn
- (25) BATTERY SYSTEM {International} Maintenance-Free, (3) 12-Volt 1950CCA Total
- (26) BACK-UP ALARM Electric, 102 dBA
- (27) HORN, ELECTRIC Disc Style
- (28) HORN, AIR Black, Single Trumpet, Air Solenoid Operated
- (29) BATTERY BOX Steel With Plastic Cover, 18" Wide, 2, 3, or 4 Battery Capacity
- (30) HEADLIGHTS Long Life Halogen; for Two Light System
- (31) CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade
- (32) STARTING MOTOR {Mitsubishi Electric Automotive America 105P} 12-Volt, with Soft-Start
- (33) CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III With Trip Indicators, Replaces All Fuses Except For 5-Amp Fuses
- (34) FENDER EXTENSIONS Rubber
- (35) INSULATION, UNDER HOOD for Sound Abatement
- (36) INSULATION, SPLASH PANELS for Sound Abatement

- (37) GRILLE Stationary, Chrome
- (38) FRONT END Tilting, Fiberglass, With Three Piece Construction Includes Long Hood
- (39) PTO EFFECTS, ENGINE FRONT for N13 Engines, Less PTO Unit, Includes Adapter Plate on Engine front mounted
- (40) BLOCK HEATER, ENGINE {Phillips} 120 Volt/1500 Watt
 - a. BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door
- (41) FAN DRIVE {Horton Drivemaster} Direct Drive Type, Two Speed With Residual Torque Device for Disengaged Fan Speed
 - a. FAN Nylon
- (42) RADIATOR Aluminum; Welded, Front to Back Crossflow System, 1593 Sq. In., 1929 Sq. In. Dual CAC, 1548 Sq. In. 3 Core LTR
 - a. DEAERATION SYSTEM with Clear Fill/Surge Tank
 - b. HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps
 - c. RADIATOR HOSES Premium, Rubber
- (43) FEDERAL EMISSIONS EPA, OBD and GHG Certified
- (44) AIR CLEANER Dual Element (Includes)
 - a. GAUGE, AIR CLEANER RESTRICTION Air Cleaner Mounted
- (45) FAN OVERRIDE Manual; With Electric Switch on Instrument Panel, (Fan On With Switch On)
- (46) COLD STARTING EQUIPMENT Automatic; With Engine ECM Control
- (47) OIL COOLER, AUTO TRANSMISSION {Modine} Water to Oil, for Allison or CEEMAT Transmission
- (48) TRANSMISSION SHIFT CONTROL {Allison} Push-Button Type; for Allison 4000 Series Transmission
- (49) TRANSMISSION OIL Synthetic
- (50) ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS); Airport Refueler, Sewer Evac
- (51) TRANSMISSION TCM LOCATION Located Inside Cab
- (52) DEF TANK 9.5 U.S. Gal. 36.0L Capacity, Frame Mounted Outside Left Rail, Under Cab
- (53) FUEL/WATER SEPARATOR {Racor} Fuel Pre-Filter and Filter Base, Includes Water-In-Fuel Sensor
- (54) FUEL TANK Top Draw; Non-Polished Aluminum, 26" Diam., 100 U.S. Gal., 378 L Capacity Mounted Left Side Under Cab
- (55) FUEL COOLER Less Thermostat; Mounted in Front of Cooling Module
- (56) CAB Conventional
 - a. STEERING WHEEL 2-Spoke, 18" Diam., Black
 - b. STEERING COLUMN Tilting
 - c. RADIO AM/FM/WB/Clock/Bluetooth/USB Input/3MM Auxiliary Input, MP3, Apple Device Play & Control, with Multiple Speakers
 - d. ARM REST (2) Molded Plastic; One Each Door
 - e. COAT HOOK, CAB Located on Rear Wall, Centered Above Rear Window
 - f. CUP HOLDERS Two Cup Holders, Located in Lower Center of Instrument Panel
 - g. DOME LIGHT, CAB Rectangular, Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Console, Center Mounted
 - h. GLASS, ALL WINDOWS Tinted
 - i. GRAB HANDLE, CAB INTERIOR (1) "A" Pillar Mounted, Passenger Side

- j. GRAB HANDLE, CAB INTERIOR (2) Front of "B" Pillar Mounted, One Each Side
 - k. INTERIOR SHEET METAL Upper Door (Above Window Ledge) Painted Exterior Color
 - l. STEP (4) Two Steps Per Door
 - m. GAUGE CLUSTER English With English Electronic Speedometer
 - n. GAUGE CLUSTER (6) Engine Oil Pressure (Electronic), Water Temperature (Electronic) Fuel (Electronic), Tachometer (Electronic), Voltmeter, Washer Fluid Level
 - o. ODOMETER DISPLAY, Miles, Trip Miles, Engine Hours, Trip Hours, Fault Code Readout
 - p. WARNING SYSTEM Low Fuel, Low Oil Pressure, High Engine Coolant Temp, and Low Battery Voltage (Visual and Audible)
 - q. GAUGE, OIL TEMP, ALLISON TRAN
 - r. GAUGE, AIR CLEANER RESTRICTION {Filter-Minder} With Black Bezel Mounted in Instrument Panel
 - s. GAUGE, TEMPERATURE, AMBIENT Includes Wiring and Sensor With Display Unit Mounted in Cluster
 - t. CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
 - u. GAUGE, DEF FLUID LEVEL
 - v. INSTRUMENT PANEL Center Section, Flat Panel
 - w. CAB INTERIOR TRIM Premium
 - x. "A" PILLAR COVER Molded Plastic
 - y. CAB INTERIOR TRIM PANELS Cloth Covered Molded Plastic, Full Height; All Exposed Interior Sheet Metal is Covered
 - z. CAB SOUND INSULATION Includes Dash Insulator and Engine Cover Insulator, Premium Floor mats "Catch-All" Style, and Sound Dampening Patches
 - aa. CAB, INTERIOR TRIM, CLOSEOUT Lower Dash Closeout Panel; Molded Plastic; Under Instrument Panel Driver Side
 - bb. CONSOLE, OVERHEAD Molded Plastic; With Dual Storage Pockets with Retainer Nets, CB Radio Pocket, Speakers, and Reading Lights
 - cc. COURTESY LIGHT (2) Mounted In Front Map Pocket Left and Right Side
 - dd. DOOR TRIM PANELS with Cloth Insert on Bolster Driver and Passenger Doors
 - ee. FLOOR COVERING Rubber, Black
 - ff. HEADLINER Soft Padded Cloth
 - gg. INSTRUMENT PANEL TRIM Molded Plastic with Black Center Section
 - hh. STORAGE POCKET, DOOR (2) Molded Plastic (Carpet Texture), Full-Length; Driver and Passenger Doors
 - ii. SUN VISOR (3) Padded Vinyl: 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Vanity Mirror and Toll Ticket Strap, plus 1 Auxiliary Visor (Front Only), Driver Side
- (57) SEAT, DRIVER {National 2000} Air Suspension, High Back With Integral Headrest, Vinyl Isolator, 1 Chamber Lumbar, With 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust, 3-Point, Lap and Shoulder Belt Type. Arm Rest Right

- (58) SEAT, PASSENGER {National 2000} Air Suspension, High Back With Integral Headrest, Vinyl, Isolated, 1 Chamber Lumbar, 2 Position Front Cushion Adjustment, -3 to +14 Degree Back Adjust, Arm Rest Left
- (59) MIRROR, CONVEX, LOOK DOWN {Lang Mekra} Right Side; 6" x 10 1/4"
- (60) MIRRORS (2) {Lang Mekra} Rectangular, 7.44" x 14.84" & 7.44" sq. Convex Both Sides 102" Inside Spacing, Breakaway Type, Thermostatically Controlled Heated Heads, Black Heads, Brackets and Arms
- (61) CAB REAR SUSPENSION Air Bag Type
- (62) CAB SOUND INSULATION Daycab Interior Noise Reduction Package
- (63) AIR CONDITIONER {Blend-Air} With Integral Heater & Defroster
 - a. HEATER HOSES Premium
 - b. HOSE CLAMPS, HEATER HOSE Mubea Constant Tension Clamps
- (64) HVAC FRESH AIR FILTER, Attached to Air Intake Cover on Cowl Tray in Front of Windshield under hood
- (65) WHEELS, FRONT DISC; 22.5" Painted Steel, 10-Stud (285.75MM BC) Hub Piloted, 5 Hand Hole, Flanged Nut, Metric Mount, 12.25 DC Rims; With Steel Hubs, with 5.375" Offset, Paint White
- (66) WHEELS, REAR {Accuride} DUAL DISC; 22.5" Painted Steel, 2 Hand Hole, 10- Stud(285.75MM BC) Hub Piloted, Flanged Nut, Metric Mount, 8.25 DC Rims; With Steel Hubs, Paint White

4) ACCEPTABLE MANUFACTURERS

- A) Combination Single Engine Sewer Cleaner with Hydrostatic Driven Vacuum System Mounted on a Heavy Duty Truck Chassis shall be a Series 2100 Plus as manufactured by Vactor Manufacturing, Inc., 1621 S. Illinois Street, Streator, Illinois 61364, 1-815-672-3171 mounted on a 2016 7600 SFA 6X4 as manufactured by International Trucks **OR EQUAL**.

5) SUBMITTALS-EXECUTION

A) MANUFACTURERS SERVICES

- (a) The manufacturer shall furnish the services of a competent factory representative to do the following:
 - (1) Inspect the system prior to delivery, supervise the start-up and testing of the system, and certify the system has been properly furnished and is ready for operation.
 - (2) Instruct the owner's operating personnel in the proper operation and maintenance of the system for a period of not less than one day, 8 hours.
 - (3) Towing Services, 12-Month/Unlimited Mileage to the nearest dealer for warrantable failure.
 - (4) Certificate of Origin due at time of delivery

B) TOOLS, SPARE PARTS, AND DOCUMENTATION

- (a) The manufacturer shall furnish the following with the Combination Single Engine Sewer Cleaner with Hydrostatic Driven Vacuum System Mounted on a Heavy Duty Truck Chassis
 - (1) A recommended list of spare parts.
 - (2) Three Sets of Operations and Maintenance manuals complete with breakdown drawings.
 - 1. One set of Operation and Maintenance manuals and Equipment breakdown

drawings shall be submitted in electronic format (i.e. PDF). **Manuals to be delivered with the equipment for contract to be considered fulfilled.**

- (3) One quart of matching touch-up paint for each color.
- (4) One set of specialty required tools.

C) WARRANTY

- (a) The manufacturer shall furnish the following to the owner:
 - (1) A copy of the truck manufacturer's parts and labor warranty.
 - (2) A one-year Parts and Labor Warranty issued by the manufacturer on the entire Combination Single Engine Sewer Cleaner with Hydrostatic Driven Vacuum System Mounted on a Heavy Duty Truck Chassis. This warranty must cover all items.

D) DISCLAIMER

- (a) The City of Torrington WPCA has attempted to illustrate as clearly as possible the intended use and type of vehicle desired and is not responsible for omissions or errors. Any and all references to trade names, types, styles, model numbers, stock numbers or other information are intended to be descriptive only and not restrictive. When reviewing the information, it is the responsibility of the proposer to inform the City of Torrington of any discrepancy that is found.

6) EXCEPTIONS TO SPECIFICATIONS

- A) If a proposer wishes to propose a product or equipment that does not match the specifications above, on a separate page they shall provide a complete list of all deviations and an explanation of how the proposed product or equipment meets or exceeds each line of the above specifications.

TRADE-IN OPTION

WPCA has one (1) 1994 **Combination Duel Engine Sewer Cleaner/Vacuum System Mounted on a Heavy Duty Truck Chassis (1994 Vactor 2100 on International chassis)** for trade as an option towards the purchase of the Sewer Vactor up for bid. The Vactor can be inspected at the Water Pollution Control Facility located at 252 Bogue Road, Harwinton, CT 06791 by appointment only.

- **The WPCA shall have the right to reject Trade-In credit offer.**
- **If the Trade-In credit offer is accepted and the proposer is awarded the contract, proposer shall be obligated to accept trade upon delivery of new vehicle.**
- **The WPCA will do its due diligence to maintain said vehicle in its current condition.**

Contact:

Contact Ray Drew (WPCA Administrator, 860-485-9166) to schedule an appointment to inspect trade-in. Contact Emil Castro (Fleet Supervisor, 860-489-2349) for review/copies of maintenance records.

Brief Description:

- **Vehicle #6102 – 1994 Combination Duel Engine Sewer Cleaner/Vacuum System Mounted on a Heavy Duty Truck Chassis (Vactor 2100 on International chassis) – current rear engine hours approximately 3,000**
- **Cummins Engine 4BT3.96**
- **Vin #1HSGLA6T9RH584398**
- **Engine – Cummins L10 Turbo Diesel, serial #34704283 – approximately 11,050 hours**

The trade-in value will not be the determining factor to award the bid.

**CITY OF TORRINGTON
SEWER VACTOR
BID #CSV-030-111815**

Acceptance of Terms of this Agreement

Name of Proposer: _____

Contact Person: _____

Address: _____

City/State/Zip: _____

Telephone: _____ Fax: _____

E-mail: _____

Authorized Signature _____ Title: _____

Name Printed: _____ Date: _____

It is agreed by the above signed proposer that the signature and submission of this proposal. Represents the proposer's acceptance of all terms, conditions, and requirements of the proposal specifications, and, if awarded, the proposal will represent the agreement between the parties.

The proposer agrees that the cost of any work performed, materials furnished, services provided, or expenses incurred, which are not specifically delineated in the proposal documents, but which are incidental to the scope, intent, and completion of this contract, shall be deemed to have been included in the prices for the various items scheduled.

APPENDIX "A" FEE PROPOSAL

**CITY OF TORRINGTON
SEWER VACTOR
BID# CSV-030-111815**

Total bid Price dollars and cents: _____

Total Base bid price in words: _____

ETA: _____

Company name: _____ Date: _____

Address: _____

Phone/fax _____ email: _____

Company Representative (signature) _____

Printed Name: _____ Title: _____

The trade-in option as follows:

Vehicle #6102 – 1994 Combination Duel Engine Sewer
Cleaner/Vacuum System Mounted on a Heavy Duty
Truck Chassis (Vactor 2100 on International chassis)
Current rear engine hours approximately 3,000 –
Cummins Engine 4BT3.96 –
Vin #1HSGLA6T9RH584398 Engine – Cummins
L10 Turbo Diesel, serial #34704283 – Approximately
11,050 hours
