



CITY OF O'FALLON, MISSOURI

PURCHASING DEPARTMENT

100 North Main Street

O'Fallon, MO 63366

T: (636) 379-5527

FURNISH AND DELIVER BID

INVITATION TO BID:	25-021	BID ISSUE DATE:	02/21/2025
BID DESCRIPTION:	COMBINATION SEWER TRUCK		
BID OPENING DATE:	03/06/2025	BID OPENING TIME:	2:30 P.M. CST
COPIES REQUIRED:	1 ORIGINAL	BID BOND REQUIRED:	NO

BID RESPONSES MUST BE RECEIVED AND TIME STAMPED NO LATER THAN THE PUBLIC BID OPENING DATE AND TIME (LOCAL TIME) SPECIFIED ABOVE. BIDS WILL BE OPENED AND READ ALOUD AT THAT TIME IN THE FINANCE CONFERENCE ROOM ON THE FIRST FLOOR OF THE MUNICIPAL CENTER. LATE BIDS WILL NOT BE OPENED OR CONSIDERED.

TO ALL PROSPECTIVE BIDDERS:

You are hereby invited to submit your bid for the item(s) to be furnished and delivered, shipped F.O.B. delivered, to the address specified herein on the forms supplied. **Do not staple or submit bid in any type of binder**; binder clips are acceptable.

The original bid, along with the bid bond (if applicable), must be received in a sealed envelope that has your company name and address in the upper left corner and the attached label filled in and pasted on the lower left corner.

All bids are subject to staff analysis. The City of O'Fallon, Missouri reserves the right to accept or reject any and all bids received and waive any and all irregularities.

QUESTIONS SHOULD BE SUBMITTED IN WRITING VIA E-MAIL BY 12:00 P.M. on 02/26/2025 TO THE PURCHASING AGENT. QUESTIONS WILL ONLY BE ANSWERED BY END OF DAY ON 02/28/2025 VIA ADDENDUM.

Addendum information is available over the Internet at www.ofallonmo.gov. We strongly suggest that you check for any addenda a minimum forty-eight hours (48) in advance of the bid deadline.

PURCHASING AGENT:
CHRISTINE GRABIN

PHONE: 636.379.5527
E-MAIL: CGrabin@ofallonmo.gov

BIDS MUST BE DELIVERED AND TIME STAMPED, PRIOR TO THE PUBLIC BID OPENING DATE AND TIME, TO:

CITY OF O'FALLON
ATTN: CHRISTINE GRABIN, PURCHASING AGENT
100 NORTH MAIN STREET
O'FALLON, MO 63366

FULL NAME OF BIDDER

BID CONTACT PERSON

TELEPHONE NUMBER

FACSIMILE AND/OR E-MAIL TRANSMITTED BIDS WILL NOT BE ACCEPTED

CITY OF O'FALLON, MISSOURI

INSTRUCTIONS TO BIDDERS

BID REQUIREMENTS:

The City of O'Fallon, Missouri (the "City") **requires** all bids be submitted on the blank bid form furnished with these contract documents and shall conform to the terms and conditions set forth in the "Instructions to Bidders", "General Conditions" and "Special Conditions" of the contract. Please make and retain a copy of this bid for your records. The bid must be enclosed in a sealed envelope bearing the bid number and the printed title of the bid. Bidders must sign, in ink, the bid form and all other documents where indicated.

Where applicable, the Bidder shall furnish with the bid, one set of all available literature pertaining to the equipment and/or material to be furnished under the bid.

Bidder shall acknowledge receipt of each addendum issued in the space provided on the bid form.

The total price quoted by the Bidder must be the total cost delivered to the location(s) stated in the "Special Conditions" or "Specifications". Bidder must not qualify his bid by stating a F.O.B. location other than such stated location(s).

In the specifications, whenever an article or material is defined by brand name, the name and catalog number of a particular manufacturer, vendor or a limited description, the term "OR APPROVED EQUAL" is written. Any reference to a particular manufacturer's product either by brand name or limited description is only for purposes of setting a standard of performance, quality, composition, construction or size. If there is any deviation in the pack, source, quality, etc., of an item bid, from that prescribed in the specifications, the appropriate line in the specifications will be ruled out and the substitution clearly indicated.

However, if "OR APPROVED EQUAL" is not written and you cannot bid the specified item, the Bidder may submit an alternate bid. The City will consider the bids covering the specified article or material first.

The City, for cost effective measures, standardizes on specific items; those bids will contain the language "no substitution," and any alternative will not be considered.

ALTERNATE/EQUAL BIDS:

The City recognizes the expertise provided by many bidders and encourages creativity in bidding. Alternates may be considered if the bid submitted clearly indicates what will be furnished and how it will benefit the City. Alternates will be compared to the lowest responsive, responsible bid as specified.

The City reserves the right to approve any material the Bidder proposes to furnish which contains variations from specification requirements, but which may substantially comply.

CONTRACT AWARD INFORMATION:

Award notification will be sent to the vendor receiving the award via mail or fax.

Response summaries will be available at www.ofallonmo.gov under Bid Opportunities. This summary information will include bids that were delivered by the required bid opening date and time.

CONTRACT DOCUMENT COMPONENT PARTS:

The contract documents herein named include all of the following component parts, all of which are fully a part of this contract as if herein set out verbatim, or, if not attached, as if hereto attached.

- 1) Instructions to Bidders
- 2) General Conditions
- 3) Special Conditions
- 4) Bid Form
- 5) References
- 6) Specifications
- 7) Pricing/Signatures
- 8) Any and all addenda to the foregoing

All documents are or will be on file in the office of the City Clerk, City of O'Fallon, MO, 100 North Main, O'Fallon, MO 63366.

CITY OF O'FALLON, MISSOURI

DEVIATIONS AND EXCEPTIONS:

Deviations and exceptions shall be described fully, on the Bidder's letterhead, signed, and attached to the Bid Form. In the absence of such statement, the bid shall be considered as if submitted in strict compliance with all terms, conditions, and specifications; the Bidder shall be held liable. Bidders are cautioned to avoid making deviations and exceptions to the specifications, which may result in rejection of their bid.

EXAMINATION BY BIDDER:

The Bidder shall, before submitting his bid, carefully examine the bid, specifications and contract documents.

If his bid is accepted, he will be responsible for all errors in his bid resulting from his failure or neglect to comply with these instructions.

Unless otherwise provided in the SPECIAL CONDITIONS, when the specifications include information pertaining to preliminary investigations made by the City, such information represents only the opinion of the City as to the location, character or quantity of the materials encountered. That information is only included for the convenience of the Contractor. The City assumes no responsibility whatsoever with respect to the sufficiency or accuracy of the information.

FACSIMILE/E-MAIL TRANSMITTALS:

Facsimile and/or e-mail transmitted bids will not be accepted by the City.

INDEMNITY:

The Contractor shall, at all times, fully indemnify, hold harmless, and defend the City and its officers, members, agents, and employees from and against any and all claims and demands, actions, causes of action, and cost and fees of any character whatsoever made by anyone whomsoever on account of or in any way growing out of the performance of this contract by the Contractor and its employees, or because of any act or omission, neglect or misconduct of the Contractor, its employees and agents or its subcontractors including, but not limited to, any claims that may be made by the employees themselves for injuries to their person or property or otherwise.

Such indemnity shall not be limited by reason of the enumeration of any insurance coverage herein provided.

Nothing contained herein shall be construed as prohibiting the City, its directors, officers, agents, or its employees, from defending through the selection and use of their own agents, attorneys and experts, any claims, actions or suits brought against them.

The Contractor shall likewise be liable for the cost, fees and expenses incurred in the City's or the Contractor's defense of any such claims, actions, or suits.

INTERPRETATION OF CONTRACT DOCUMENTS:

If a potential Bidder is uncertain as to the meaning of any part of the specifications or other contract documents, the bidder is expected to submit questions to the Purchasing Agent. The Purchasing Agent is the point of contact for this bid. All communications regarding this bid packet must be directed to the Purchasing Agent. All contact with the City should be channeled through the Purchasing Agent. No contact with other City employees, officials, or City Council members is to be made by responding proposers throughout the entire process.

If a question can be answered by directing the questioner to a specific section of the bid packet, then the Purchasing Agent may answer the question over the telephone. Other questions may be more complex and may require a written amendment to the specifications. The Purchasing Agent will make this determination. Oral communication is considered unofficial and non-binding on the City. If an amendment to the specifications is issued, it will be provided to all offerors that were issued a copy of the bid packet and to those that have requested a copy of the bid packet from the Purchasing Agent.

Christine Grabin, Purchasing Agent

E-mail: CGrabin@ofallonmo.gov

Only questions answered by formal written addenda will be binding. Oral and interpretations or clarifications will be without legal affect.

CITY OF O'FALLON, MISSOURI

PREPARATION OF BIDS:

The Bidder shall return his bid on the attached bid forms. **Bids must be returned with all pages intact.** Please make and retain a copy of this bid for your records. Unless otherwise stated, all blank spaces on the bid page or pages, applicable to the subject specification, shall be correctly filled in. Either a unit price or a lump sum price, or both as the case may be, shall be stated for each and every item, either typed in or printed in ink, in figures, and if required in words. Bidder shall acknowledge receipt of each addendum issued in the space provided on the bid form.

All prices quoted by the Bidder shall be F.O.B. delivered and shall include any and all freight costs to the delivery location(s) specified. The Bidder must not qualify the bid by stating F.O.B. a location other than such stated location(s).

When a bid consists of a number of items, prices must be submitted for all items, unless otherwise directed in the Special Conditions.

Where unit prices are to be bid, and/or where bids are to be made on more than one item, the Bidder shall extend the unit price(s) bid in the places provided on the pricing pages for the approximate quantities, shall compute the total amount of the bid and shall indicate same on the bid page. The Bidder must bid in accordance with the unit(s) of measure called for. If an item is listed by each, the bid price must be entered by each, not dozen or hundred. All extensions and total sums are subject to verification by the City and the correct extensions and sums will be used in the comparison of bids.

Where unit prices are requested, the quantities stated are approximate only. The quantities for all items on which bids are to be received on a unit price basis, will not be used in establishing final payment due the Contractor. Bids will be compared on the basis of number of units stated in the Bid Pricing Section. Contract payment for unit price items will be based on the actual number of units installed in the completed work within the proposed scope of work.

All extensions and total sums are subject to verification by the City and the correct extensions and sums will be used in the comparison of bids. If a discrepancy exists between the unit prices and totals, the unit prices shall prevail. If a discrepancy exists between the total base bid and the true sum of the individual bid items, the true sum shall prevail.

In certain cases, amounts are to be shown in both words and figures. When discrepancies occur between the "Written in Words" and the "In Figures" amounts for the total lump sum bid amount, the "Written in Words" shall govern.

Bidders are warned against making any erasures or alterations of any kind, and bids, that contain omissions, erasures, conditions, alterations, or additions not called for may be rejected. The bidder must fill in all blanks. Use "N/A" or "None" where applicable.

The bid shall be signed by a company officer empowered to bind the company. Failure to sign the bid may cause the bid to be determined to be non-responsive and the bid may be rejected.

SUBMISSION OF BIDS:

All bids must be received in sealed envelopes that have your name and address in the UPPER left corner and the attached label filled in and pasted on the LOWER left corner.

Bids mailed "EXPRESS MAIL" must have bid number and due date on the outside of the EXPRESS MAIL envelope.

The Bidder shall be responsible for delivery of bids to the Purchasing Agent before the date and hour set for the opening of bids. The City assumes no responsibility for delays caused by any delivery service. Postmarking by due date will not substitute for actual receipt by the City. Late bids will not be opened or considered.

END OF INSTRUCTIONS TO BIDDERS

CITY OF O'FALLON, MISSOURI

GENERAL CONDITIONS

ADDENDUM AND SUPPLEMENT TO REQUEST:

If it becomes necessary to revise any part of this request or if additional data is necessary to enable the exact interpretation of provisions of this request, revisions will be provided in the form of an Addendum. If revisions are necessary after any mandatory Pre-Bid conference, the revisions will be provided only to those Contractors who will have attended the Pre-Bid conference.

CHANGES:

All changes to this Bid Document shall be amended in written form (Addenda). The Purchasing Agent prior to the scheduled bid opening shall issue such amendments.

The City reserves the right to make any desired change in the specifications after the same shall have been put under contract; but the change so made, with the price to be added or deducted from the contract price, therefore, shall be agreed upon in advance between City and the successful Contractor.

The City shall issue to the successful Contractor a written change order to the original contract; such change orders shall be binding upon both parties thereto and shall in no way invalidate or make void the terms of the original contract not modified by such change.

No claim based on oral changes will be allowed.

CONTRACTOR PERFORMANCE:

The Instructions to Bidders, Bid Form, General Conditions, Special Conditions, contract specifications and attached exhibits shall together constitute the Contract. The Contractor hereby asserts that it has read the specifications, and that it is thoroughly informed and familiar as to their contents and requirements. All items shall be supplied in strict accordance with the specifications. The Contractor's performance under the terms of this Contract shall be to the satisfaction of the City.

DISCLAIMER:

RESERVED BY OWNER

The City reserves the right to reject any or all bids failing to meet the City's specifications or requirements and to waive technicalities. If in the City's opinion, the lowest bid is not the most responsible bid, considering value received for monies expended, the right is reserved to make awards as determined solely by the judgment of the City. In determining the lowest responsible bidder, the City shall take into consideration the qualities of the articles supplied, their conformity with the specifications, and their suitability to the requirements of the City and the delivery terms. Intangible factors, such as the Contractor's reputation and past performance, will also be weighed.

The Contractor's failure to meet the mandatory requirements will result in the disqualification of the Contractor's bid from further considerations.

The City further reserves the right to reject all bids and obtain goods or services through intergovernmental or cooperative agreements.

Submission of a bid confers no rights on the Contractor to a selection or to a subsequent contract. This Invitation to Bid process is for the City's benefit only and is intended to provide the City with competitive information to assist in selection of services. All decisions on compliance, evaluation, terms and conditions shall be made solely at the City's discretion and shall be made to favor the City.

DRUG FREE WORKPLACE:

The Contractor (whether an individual or company) agrees to provide a drug free workplace.

ENDORSEMENTS:

Contractor shall not use the City in any form of endorsement to any third-party without the Buyer's written permission.

CITY OF O'FALLON, MISSOURI

EXECUTION OF CONTRACT:

The bidder to whom the contract has been awarded shall sign one (1) copy of the contract and return it to the City within seven (7) calendar days after receipt of the contract. Failure to execute the contract and return it to the City within seven (7) calendar days after receipt of the contract shall be cause for the annulment of the contract award and the forfeiture of the bid security to the City.

If circumstances beyond the Contractor's control prohibit a timely execution of this contract, prior written approval must be requested by the Contractor and receive approval from the City for an extension to the delivery date.

F.O.B.:

All goods are to be shipped prepaid, F.O.B. destination. Shipments sent C.O.D. without City's written consent will not be accepted and will at Contractor's risk and expense, be returned to Contractor. Unauthorized shipments are subject to rejection and return at Contractor's expense.

HOLDING OF BIDS:

Contractor may withdraw their bids at any time prior to the time specified as the closing time for the receipt of bids. However, no Contractor shall withdraw or cancel his bid for a period of ninety (90) calendar days after said closing time for the receipt of bids.

LAW GOVERNING:

All State of Missouri and/or Federal Laws shall be hereby specifically made a part of this contract as set forth herein.

LIENS, CLAIMS, AND ENCUMBRANCES:

Contractor warrants and represents that all the goods and materials ordered herein are free and clear of all liens, claims, or encumbrances of any kind.

SAFETY DATA SHEETS:

If applicable, contractor shall furnish Safety Data Sheets for their products upon award of Contract.

MISCELLANEOUS REQUIREMENTS:

The City will not be responsible for any expenses incurred by the Contractor in preparing and submitting a Bid. All Bids shall provide a straightforward, concise delineation of your capabilities to satisfy the requirements of this request. Emphasis should be on completeness and clarity of content.

The Contractor is prohibited from assigning, transferring, conveying, subletting, or otherwise disposing of this agreement or its rights, title of interest therein or its power to execute such agreement to any other person, company or corporation without the previous consent and approval in writing by the City.

NON-DISCRIMINATING:

The Contractor, its employees and subcontractors, agree not to commit unlawful discrimination and agree to comply with applicable provisions of the, the U.S. Civil Rights Act and Section 504 of the Federal Rehabilitation Act, and rules applicable to each.

Firm shall comply with Section 285.525 – 285.550 RSMo regarding enrollment in a federal work authorization program. **A signed, notarized affidavit (attached) and supporting documentation affirming enrollment in a federal work authorization program must be submitted with proposal. Failure to comply with this provision may result in rejection of proposal.**

E-VERIFY:

Company shall be E-Verify compliant and shall provide documentation to support this requirement within the proposal including the memorandum of understanding (MOU) and the electronic signature page completed in its entirety.

NON-EXCLUSIVITY:

Nothing herein is intended nor shall be construed as creating any exclusive arrangement with Vendor.

CITY OF O'FALLON, MISSOURI

PATENTS:

Contractor undertakes and agrees to defend at Contractor's own expense, all suits, actions, or proceedings against buyer, in which City, and of Contractor's suppliers, contractors, distributors or dealers, or the users of any of Contractor's products are made defendants for actual or alleged infringement of any U.S. or foreign letters patent resulting from the use or sale of the items purchased hereunder. Contractor shall inform the City whenever infringement will result from Contractor's adherence to specifications supplied by the City or by an authorized City Representative. Contractor further agrees to pay and discharge any and all judgments or decrees, which may be rendered in any such suit, action or proceedings against City therein.

PAYMENT:

The goal of the City is to pay properly submitted Contractor invoices within thirty (30) days of receipt, providing goods have been delivered, approved, and accepted by an authorized City Representative. Original invoices must be presented for payment in accordance with instructions contained on the Purchase Order including reference to Purchase Order number and submitted to the correct address for processing.

TAX:

The City is not responsible for and will not pay local, Federal Excise Tax or Missouri Sales Tax. A copy of the exemption letter is available upon written request.

TERMS/CANCELLATION AND DAMAGES:

This contract may be terminated by either or both parties upon thirty (30) days written notice or upon mutual agreement of both parties.

If the City because of the Contractor's breach terminates this Contract, the City shall have the right to purchase equipment elsewhere and to charge the Contractor with any additional cost incurred.

Notwithstanding the above, the Contractor shall not be relieved of any liability to the City for damages sustained by the City by virtue of any breach of this contract by the Contractor and the City may withhold any payments to the Contractor until such time as the amount of such damages due the City from the Contractor shall be determined.

TRANSFER OF OWNERSHIP OR ASSIGNMENT:

The terms and conditions of this contract shall be binding upon and shall inure to the benefit of the parties hereto and their respective successors and assigns.

Prior to any sales or assignments, the City must be notified and approve same in writing. The City shall have right of first refusal.

END OF GENERAL CONDITIONS

CITY OF O'FALLON, MISSOURI

SPECIAL CONDITIONS

DELIVERY REQUIREMENTS:

In this contract, time is of the essence. If applicable, all freight and delivery charges are to be included in the costs entered on the bid pricing page. Under no circumstances will the City be liable for additional delivery charges.

The successful bidder's performance under the terms and conditions of this contract shall be satisfactory to the City.

All deliveries shall be made between the hours of Monday – Friday, 7:00 a.m. - 2:00 p.m. unless other arrangements have been made.

PRICING:

The pricing stated by the bidder in the bid documents shall remain firm for a one (1) year period from the start date of the contract. No price increases will be allowed for the duration of the contract. Price decreases are allowed at any time.

END OF SPECIAL CONDITIONS

INSURANCE REQUIREMENTS

GENERAL:

The Vendor shall respond to these specifications as an independent contractor and not as an employee of the City of O'Fallon. An original Certificate of Insurance from the company or authorized agent of record must be furnished to the City, provide that the City of O'Fallon is an "Additional Insured" on the Vendor's Commercial General Liability policy during the Term of the Agreement, and a copy of such "Additional Insured" endorsement must accompany the insurance certificate. This requirement of insurance does not limit the Vendor's liability under the Agreement in any manner.

WORKER'S COMPENSATION INSURANCE:

The Vendor shall procure and shall maintain during the Term of the Agreement, Worker's Compensation Insurance for all of its employees to be engaged and perform work under the Agreement, and in case such work is sublet, the Concessionaire shall require the subcontractor similarly to provide Worker's Compensation Insurance for all such employees to be engaged by the Vendor for such work unless such employees are covered by the protection afforded by the Vendor's Worker's Compensation Insurance. In the event any class of employees engaged in hazardous work under the Agreement is not protected under the Worker's Compensation statute, the Vendor shall provide and shall cause such subcontractor to provide adequate Employer's Liability insurance for the protection of its employees not otherwise protected.

Commercial General Liability Insurance:

The Vendor shall carry public and property damage insurance which shall include bodily injury and accidental death to any person and subject at the minimum limits set forth below:

Liability Limits	\$1,000,000/Per Occurrence
	\$3,000,000/General Aggregate
	\$3,000,000 Products/Completed Operations aggregate
	Additional Insured status must be provided to the City and confirmed by copy of such endorsement.
	An umbrella/excess liability policy can be used to attain the required limits.

Commercial Automobile Liability Insurance:

The Vendor shall maintain Commercial Automobile Liability Insurance Coverage in the amounts not less than the minimum limits set forth below:

Bodily Injury and Property Damage	\$3,000,000 Combined Single Liability Limit
	An umbrella/excess liability policy can be used to attain the required limits.

CHANGES IN INSURANCE COVERAGE:

The Contractor shall notify the City of changes in insurance coverage in writing within thirty (30) days.

INDEMNITY:

The Contractor shall, at all times, fully indemnify, hold harmless, and defend the City and its officers, members, agents, and employees from and against any and all claims and demands, actions, causes of action, and cost and fees of any character whatsoever made by anyone whomsoever on account of or in any way growing out of the performance of this contract by the Contractor and its employees, or because of any act or omission, neglect or misconduct of the Contractor, its employees and agents or its subcontractors including, but not limited to, any claims that may be made by the employees themselves for injuries to their person or property or otherwise. Such indemnity shall not be limited by reason of the enumeration of any insurance coverage herein provided.

Nothing contained herein shall be construed as prohibiting the City, its directors, officers, agents, or its employees, from defending through the selection and use of their own agents, attorneys and experts, any claims, actions or suits brought against them.

The Contractor shall likewise be liable for the cost, fees and expenses incurred in the City's or the Contractor's defense of any such claims, actions, or suits.

The Contractor shall be responsible for any damages incurred as a result of its errors, omissions or negligent acts and for any losses or costs to repair or remedy construction as a result of its errors, omissions or negligent acts.

CITY OF O'FALLON, MISSOURI

INSURANCE RATING:

All of the above-specified types of insurance shall be obtained from companies that have at least an A-VII rating in Best's Guide or the equivalent.

SURVIVAL OF INDEMNIFICATION:

The indemnification described above shall not be limited by reason of the enumeration of any insurance coverage herein provided, and it shall survive the termination of the Contract for claims arising from events occurring while the Contract is in force.

NOTICE OF LAWSUIT:

Within sixty (60) days of service of process, the City shall notify the Contractor of any lawsuit involving the indemnification provided for above. Failure to provide such notice shall not relieve the Contractor of its obligation to provide indemnification. However, the City shall be responsible for any additional costs of defense incurred due to their failure to provide such notice within sixty (60) days.

CHOICE OF LEGAL COUNSEL:

The contractor shall provide coverage as stipulated in the contract. In the event of a proceeding, the City retains the right to approve legal counsel for claims brought against the City.

DISPUTES:

Any dispute arising out of this agreement will be resolved under the laws of the State of Missouri.

END OF INSURANCE REQUIREMENTS

CITY OF O'FALLON, MISSOURI

BID FORM
#25-021 COMBINATION SEWER TRUCK
PLEASE TYPE OR PRINT THE FOLLOWING INFORMATION)

Full Name of Bidder	
Main Business Address	
City, State, Zip Code	
Telephone Number	
Fax Number	
Bid Contact Person	
Email Address	

TO: Christine Grabin, Purchasing Agent

The undersigned, being duly sworn, certifies that he is:

___the Owner/Sole Proprietor ___a Member of the Partnership ___an Officer of the Corporation ___a Member of the Joint
Venture

herein after called the Bidder and that the members of the Partnership or Officers of the Corporation are as follows:

(President or Partner)

(Vice-President or Partner)

(Secretary or Partner)

(Treasurer or Partner)

Further, as Contractor, declares that the only person or parties interested in this bid as principals are those named herein; that this bid is made without collusion with any other person, firm or corporation; that he has fully examined the proposed forms of agreement and the contract specifications for the above designated purchase, all of which are on file in the office of the City Clerk, 100 North Main Street, O'Fallon, Missouri 63366, and all other documents referred to or mentioned in the contract documents, specifications and attached exhibits, including Addenda No. _____, _____, and _____ issued thereto;

Further, the Contractor proposes and agrees, if this bid is accepted, to provide all necessary machinery, tools, apparatus and other means of construction, including transportation services necessary to furnish all the materials and equipment specified or referred to in the contract documents in the manner and time therein prescribed.

Further, the undersigned certifies and warrants that he is duly authorized to execute this certification/affidavit on behalf of the Bidder and in accordance with the Partnership Agreement or by-laws of the Corporation, and the laws of the State of Missouri and that this Certification is binding upon the Bidder and is true and accurate. Further, the undersigned certifies that the Bidder is not barred from bidding on this contract as a result of a violation of either bid rigging or bid-rotating.

The affiant deposes and says that he has examined and carefully prepared this bid and has checked the same in detail before submitting this bid, and that the statements contained herein are true and correct.

If a Corporation, the undersigned further certifies that the recitals and resolutions attached hereto and made a part hereof were properly adopted by the Board of Directors of the Corporation at a meeting of said Board of Directors duly called and held and have not been repealed, nor modified and that the same remain in full force and effect. *(Attach a copy of the corporate resolution granting the individual executing the contract documents authority to do so.)*

Finally, the Contractor agrees to do all other things required of the Contractor by the contract documents, and that he will take in full payment therefore the sums set forth in the bidding schedule.

Signature of Bidder authorizes the City to verify business references.

CITY OF O'FALLON, MISSOURI

REFERENCES

The bidder must list four (4) references, listing firm name, address, telephone number and contact person to whom they have provided similar equipment, material or services for a period of not less than six (6) months.

The bidder verifies that they have provided equipment, material, or services contained in this contract to the following parties with needs similar to that of City and authorizes the City to verify references of business and credit at its option.

COMPANY NAME:	
ADDRESS:	
CONTACT PERSON:	
TELEPHONE NUMBER:	

COMPANY NAME:	
ADDRESS:	
CONTACT PERSON:	
TELEPHONE NUMBER:	

COMPANY NAME:	
ADDRESS:	
CONTACT PERSON:	
TELEPHONE NUMBER:	

COMPANY NAME:	
ADDRESS:	
CONTACT PERSON:	
TELEPHONE NUMBER:	

State the number of years in business _____ State the current number of personnel on staff _____

CITY OF O'FALLON, MISSOURI

ANTI-COLLUSION STATEMENT

STATE OF MISSOURI

CITY/COUNTY OF _____

_____ being first duly sworn, deposes and says that he is

_____ *Title of Person Signing*

of _____

_____ *Name of Bidder*

that all statements made and facts set out in the proposal for the above project are true and correct; and the bidder (The person, firm, association, or corporation making said bid) has not, either directly or indirectly, entered into any agreement, participated in any collusion, or otherwise taken any action in restraint of free competitive bidding in connection with said bid or any contract which may result from its acceptance.

Affiant further certifies that bidder is not financially interested in, or financially affiliated with, any other bidder for the above project.

BY _____

BY _____

BY _____

SWORN to before me this _____ day of _____ 20 ____.

_____ *Notary Public*

My Commission Expires _____

CITY OF O'FALLON, MISSOURI

PREFERENCE IN PURCHASING PRODUCTS

DATE: _____

THE BIDDER'S ATTENTION IS DIRECTED TO Section 34.076 RSMo 2000 which gives preference to Missouri corporations, firms, and individuals when letting contracts or purchasing products.

Bids received will be evaluated on the basis of this legislation.

All vendors submitting a bid must furnish all information requested below.

FOR CORPORATIONS:

State in which incorporated: _____

FOR OTHERS:

State of domicile: _____

FOR ALL VENDORS:

List address of Missouri offices or places of business:

THIS SECTION MUST BE COMPLETED AND SIGNED:

FIRM NAME: _____

ADDRESS: _____

CITY: _____ STATE: _____ ZIP: _____

BY (signature required): _____

Federal Tax ID #: _____ if no Federal Tax ID # list SS #: _____

For bid to be considered, the Preference in Purchasing Products form must be filled out and submitted for each bid and dated in the current calendar year.

CITY OF O'FALLON, MISSOURI

SIGNATURE AND IDENTITY OF BIDDER

The undersigned states that the correct LEGAL NAME and ADDRESS of (1) the individual Bidder, (2) each partner or joint venture (whether individuals or corporations, and whether doing business under a fictitious name), or (3) the corporation (with the City in which it is incorporated) are shown below; that (if not signing with the intention of binding himself to become the responsible and sole contractor) he is the agent of, and duly authorized in writing to sign for the Bidder or Bidders; and that he is signing and executing this (as indicated in the proper spaces below) as the proposal of a

() sole individual () partnership () joint venture
() corporation, incorporated under laws of City of _____

Date Business Established: _____

Dated: _____

Name of individual, all partners,
or joint ventures:

Address of each:

doing business under the name of:

Address of principal place of business in Missouri

(If using a fictitious name, show
this name above in addition
to legal names)

(If a corporation, show its name above)
ATTEST: (SEAL)

Secretary

Title

(NOTE: If the Bidder is doing business under a FICTITIOUS NAME, the Proposal shall be executed in the legal name of the individual, partners, joint ventures, or corporation, with the legal address shown, and REGISTRATION OF FICTITIOUS NAME filed with the Secretary of State, as required by Sections 417.200 to 417.230, RS Mo. If the Bidder is a CORPORATION NOT ORGANIZED UNDER THE LAWS OF MISSOURI, it shall procure a CERTIFICATE OF AUTHORITY TO DO BUSINESS IN MISSOURI, as required by Section 351.570 and following, RS Mo. A CERTIFIED COPY of such Registration of Fictitious Name or Certificate of Authority to do Business in Missouri shall be included with this bid.

CITY OF O'FALLON, MISSOURI

SPECIFICATIONS

The City of O'Fallon, MO ("City") is accepting sealed bids for ONE (1) Tandem Axle Combination Sewer Cleaner or know as a combination single engine dual stage sewer cleaner with hydrostatic driven vacuum system mounted on a heavy-duty chassis. The following specifications are minimum requirements. Any deviation shall be noted and submitted in writing. All parts not specifically mentioned herein which are necessary to provide a complete unit shall be included and shall conform in strength and quality of material and workmanship according to industry standards and not less than specification.

Any manufacturers' names, trade names, brand names, information and/or catalog numbers listed in this specification are descriptive, not restrictive. The bidder may offer any product that meets or exceeds the applicable specifications. The bidder must demonstrate comparability, by including appropriate catalog materials, literature, specifications, test data, etc. The City shall determine in its sole discretion whether a product is acceptable as an equivalent.

If during the warranty period, the vehicle is down for more than 5 working days, the vendor must supply the City with a comparable unit to use until warranty repairs are successfully completed.

Two operator's manuals and one service manual must be provided upon delivery of the vehicle. The manuals must include the cab and chassis and the unit attached.

The unit shall be a new model. No discontinued models will be accepted.

The City has one trade (see pictures attached):

- Vactor 2100 Series Vacuum Truck Model 2115 SE2 PLUS on a 2017 Freightliner 114SD Cab Chassis with 21,082 miles and 3,955 hours (as of 1/10/2025).
- Clear title
- The hours and mileage will increase as this unit will continue to be used until delivery of new unit is taken, training on new unit is conducted, and trade is conducted.
- All "City of O'Fallon" decals will be removed by the City prior to exchange.

The City reserves the right to not accept the trade in amount offered.

Please, schedule a viewing with Jason Del Pozo at (314) 791-5758.

The City reserves the right to change the number of trucks requested until the order is placed.

This bid may be awarded the first quarter of 2025.

Delivery will be F.O.B. destination to the City of O'Fallon.

The City is requesting an Annual Preventive Maintenance Checks and Service price for the Combination Sewer body only to be done annually and that will ensure that warranty PM is being followed for the first five (5) years.

The City will only read the "total price of new unit option 1 and option 2" at the bid opening.

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All answers of ***“Exceeds” or “Not Available” or “does not meet spec”*** shall be explained on the ***Exception Sheet*** included in this packet. Cite the corresponding item number of the feature involved.

Item #	Description	Conventional Cab		
		Meets	Exceeds	Not Available or does not meet spec
	A. GENERAL			
1	Heavy Duty Conventional Cab Chassis for Combination Sewer Cleaner. 66,000 # GVWR tandem axle truck			
2	Tilt fiberglass hood			
3	Set Back Axle Configuration			
4	Stationary grill			
5	Cab color - Oxford White			
6	Wheel color - Oxford White			
7	Frame color - Solid Polyurethane Black			
	B. ENGINE	Meets	Exceeds	Not Available or does not meet spec
1	Diesel Engine List make and model like Cummins ISL-9			
2	370 HP @ 2100 RPM or better			
3	1250 lb/ft @1200 RPM or better			
4	Air to air intercooler			
5	1000 watt or higher/ 115 vt block heater w/ receptacle under LH door			
6	Engine alarm system (oil, water, etc.)			
7	Electric grid air intake warmer			
8	15 minute idle shut down			
9	Electronic cruise control			
10	Heated fuel/ water separator and fuel filter in single assembly, w/ warning light			
11	Spin on fuel filter			
12	Combination full flow/ by-pass oil filter			
13	On board diagnostics			
14	Magnetic Drain Plug			
15	Engine mounted oil fill and check			

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16	Electronic engine shutdown protection			
17	Engine remote interface with park brake interlock			
18	Equipped with an expanded engine temperature effects			
19	Exhaust system shall be single horizontal DPF device, frame mounted on right side, under cab. No DPF allowed behind cab. The unit will have a vertical exhaust pipe mounted no farther than 2" behind the cab.			
20	DEF tank located on left side with standard DEF pump mount and heating			
21	Engine aftertreatment device, automatic over the road active regeneration and virtual regeneration request switch in cluster and dash mounted inhibit switch			
	C. TRANSMISSION	Meets	Exceeds	Not Available or does not meet spec
1	Allison 3000 RDS Automatic transmission with PTO provision			
2	Magnetic oil pan plug			
3	Electronic transmission wiring to customer interface connector			
4	Water cooled transmission cooler			
5	Transmission oil check and fill w/ electronic oil level sensor			
6	Synthetic Transmission fluid			
	D. ELECTRICAL	Meets	Exceeds	Not Available or does not meet spec
1	Non-polish battery box			
2	2 maintenance free commercial batteries with minimum 2000 CCA 12Vt mounted under cab. External Jump start to be located on driver side front wheel well.			
3	Vehicle interface wiring w/ PDM to the rear of frame with sealed connectors for all bed functions, including right/ left stop, turn lights, and taillights. All circuits will be covered and protected			
4	Main panel circuit breakers w/ trip indicators			
5	BLANK			

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6	Equipped with a minimum of 2 auxiliary lit (on) auxiliary switches. Truck company and body builder will utilize only auxiliary switches for professional look. Switches shall be etch marked with the item that it is wired to (not label tape) as to see the switch is turned on.			
7	12 vt 160 amp minimum low turn on speed alternator system with remote battery volt sense			
8	Work lights switch will be wired into the auxiliary switching and etch marked (not label tape).			
9	Keep cables tight to rail and clear of LH PTO shaft			
	E. CHASSIS	Meets	Exceeds	Not Available or does not meet spec
1	Cab to axle length shall be set to accommodate the Combination Sewer Body			
2	Heat treated 7/16" square end frame of 120 KSI and a minimum 2.5 million RBM			
3	Swept back bumpers constructed of steel			
4	All fasteners to frame will be grade 8			
5	71 inch rear overhang			
	F. FRONT AXLE and Suspension	Meets	Exceeds	Not Available or does not meet spec
1	Set back configuration			
2	Meritor 20,000 # or larger front axle w/ spider cam front brakes, double anchored			
3	Flat leaf spring with shock absorbers			
4	Maintenance free rubber bushings - front suspension			
5	Vented hub caps w/ window			
6	Oil center and side plugs			
7	Meritor auto front slack adjusters			
	G. Rear Axle and Suspension	Meets	Exceeds	Not Available or does not meet spec
1	Meritor rt-46-160p 46,000# r-series tandem rear axle with pump			
2	Magnetic Drain Plug			
3	Henrickson 46000# Rear Spring Suspension, standard ride height			

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4	Henrickson RT 436 Rear Suspension			
5	SPL170 XL Dana Spicer main driveline with half round yokes and greaseable U joints			

	H. BRAKE SYSTEM	Meets	Exceeds	Not Available or does not meet spec
1	Dual air brakes w/ air dryer			
2	Pull cable on wet tank/ Petcock on other tank(s)			
3	All non-asbestos brake linings			
4	Cast iron brake drums			
5	Front and rear dust shields			
6	(2) air gauges located on instrument panel			
7	Park brake valve located on instrument panel			
8	Front and rear automatic slack adjusters			
9	Full ABS system			
10	Front brakes shall be 16.5" X 6.0" w/ 20" chambers			
11	Rear brakes shall be 16.5" X 7.0" w/ long stroke and heavy-duty spring actuated park brakes			
12	Air Compressor shall be of 18.7 CFM or greater with internal safety valve			
13	Electric horn warning for park brake not set w/ door open and key in ignition			
14	BLANK			
	I. TIRES AND RIMS	Meets	Exceeds	Not Available or does not meet spec
1	Front steer 425/ 65R 22.5 Load Range L			
2	Rear 11R 22.5 Load Range G. Traction tread			
	J. CAB	Meets	Exceeds	Not Available or does not meet spec
1	Gray interior			
2	Adjustable tilt and telescoping steer wheel			

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3	Molded door panel			
4	Black mats w/ single insulation			
5	Forward roof mounted console w/ upper storage			
6	Premium cab insulation			
7	Door dome activated LH/ RH. Duel read lights, forward cab roof			
8	12vt power supply in dash			
9	Flush mounted LED clearance markers			
10	Halogen headlights			
11	Black Floor coverings			
12	All tinted windows			
13	Power windows and door locks			
14	Heated windshield			
15	Pillar mounted interior grab handles			
16	Two steps per door			
17	Gauge Cluster: Electronic engine oil pressure, water temp, fuel, tach, voltmeter, washer fluid gauge, odometer display, transmission oil temp gauge, air tank gauges' OBD display, road speed wire coiled under the instrument panel for customer use			
18	Warning system that consists of; low fuel, low oil pressure, high engine coolant temp, low voltage, low air light and buzzer			
19	Driver seat to be an air suspension, vinyl, mechanical lumber support. Dual driver seat armrest			
20	Passenger seat to be air suspension, vinyl, mechanical lumber support. Dual armrest			
21	OBD interface connector below dash			
22	Both seats - orange 3pt seat belt			
23	LH/ RH Heated mirrors w/ door mounted remote			
24	LH/ RH Convex mount under primary mirrors			
25	Air conditioner w/ integral heat and defrost			
26	Air filter for HVAC			
27	Driver storage pocket			
28	AM/ FM Radio w/ auxiliary jack			

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29	Driver/ Passenger sun visor			
30	Air cab suspension			
31	DPF override switch			
32	Single motor intermittent wipers			
33	Wipers go to slow position when park brake engaged, headlights on when wiper engaged			
34	Aluminum 90-gallon fuel tank mounted under cab			
35	Two electric horns			
36	One air horn mounted under LH deck			
37	LH/ RH grab handles at outside exit/ enter			
38	Fiberglass hood with quick access latches			
39	Doors locks and ignition keyed alike			
	Body builder - A Copy of the complete bid specs must be sent to the bid company to assure compliance by both companies of the bid.	Meets	Exceeds	Not Available or does not meet spec
	K. COLOR - All surfaces are high pressure cleaned and phosphate			
1	Frame - Solid Poly Black			
2	Combination Body –Gloss Black Epoxy Auto Paint			
3	Front and rear tow hooks – Gloss Black Paint			
4	Hard wired Back up camera monitor. Camera will be mounted at the very rear to allow for back up visibility and protected to not be crushed by dumping load or not to be crushed by any operation, trailer turning, etc.			
5	BLANK			
6	Back up alarm to be installed			
7	BLANK			
	L. SUBFRAME	Meets	Exceeds	Not Available or does not meet spec
1	The equipment shall be of modular design consisting of vacuum system, water tanks system, debris body and drive system.			
2	A sub frame shall be fabricated to the exact dimensions of the truck chassis for mounting of modular components.			

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3	All components of the module shall attach to the sub frame and not directly to the chassis.			
4	Sub frame shall be designed to ASME standards for maximum applied loads, chassis frame movement and even distribution of weight to the chassis and suspension.			
5	Sub frame shall be continuous and uninterrupted from back of cab to end of frame.			
	M. Debris Body	Meets	Exceeds	Not available or does not meet spec
1	The body shall be cylindrical having a minimum usable liquid capacity of 15 cubic yards.			
2	The body shall be capable of high dump height of 60". Dump height of 60" must be achieved without the use of scissor lift mechanism.			
3	The debris storage body shall be constructed with a minimum 1/4" corrosion and abrasion resistant Ex-Ten steel.			
4	The debris storage body shall have a minimum yield point of 50,000 PSI and a minimum tensile strength of 70,000 PSI.			
5	Body shall have a rear door that is hinged at 2/3 height of the body and is equipped with a replaceable neoprene type seal. Adjustable for periodic compensation of door seal wear.			
6	Dual outward mounted rear door props shall be included as standard to prevent operator from entering door swing path when engaging rear door prop.			
7	For optimal particulate separation, vacuum shall be drawn from separate ports in the top of the debris body.			
8	Body shall be dumped by raising the body to a 50-degree angle utilizing a forward mounted, double acting hydraulic dump cylinder. 1 safety body prop shall be supplied and activated without the operator being exposed to safety hazards.			
9	Dump controls, accessory controls, e-stop control shall be provided at a central curb side location directly behind the cab of the truck. The rear door controls shall be safety switches with a timer so the operator cannot accidentally open the rear door.			
10	For stability and safety, dumping must be accomplished while the pivot point of the body remains fixed to the subframe.			
11	Industrial style rear debris body door shall be flat and shall open and close hydraulically by			

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	cylinders mounted at the top of the body. Door shall open 50 degrees from the fully closed position. Door shall be unlocked, opened, closed, and locked by a failsafe hydraulically activated sequential positive locking system, cam operated by a single hydraulic cylinder, with all controls located behind truck cab, forward of the debris body, so operator is not subject to sewage when dumping.			
12	Debris body shall have a body flush out system with a fan-type spray nozzle located in the front wall of the debris body to aid in the flushing of heavy debris. The nozzle shall also utilize (2) spray nozzles to flush the front most area of the debris body. The system must produce a flow of 80GPM. Control valve shall be on the curb side of the unit.			
13	Body shall have a float type automatic shut-off system protecting the Fan System with (2) 10" stainless steel shut-off balls located in the debris body. Each float ball housing shall be within a non-corrosive slide-out screen assembly and be accessed without the use of tools.			
14	The debris body shall be equipped with a rear door drain to drain off excess liquids while retaining solids and shall include a manually operated 6" butterfly valve with 10' of lay flat hose			
15	The debris body shall be equipped with a 6" rear door drain port at bottom dead center to drain off excess liquids. 6" air actuated knife valve between pump and door shall be included. 4" hydraulically driven sludge pump capable of 450 gpm shall be included. Hydraulic control shall be on the curb side and at front operator station. 10' of 4" discharge lay flat hose shall be included. Full rear door swinging decant screen shall be supplied to filter out large solids while operating sludge pump.			
16	(4) Dual vertical (cyclone) centrifugal separators shall be installed in-line between the debris body and the air mover, (2) per side for each debris body discharge port. Each dual separator shall include large fallout chamber cleanout door.			
17	For safety, a minimum of (5) vacuum tubes shall be stored on curbside storage racks to minimize operator exposure to traffic side of unit. Shall include quick release retainer handles (no bungees or clamps). A minimum storage capacity of (10) vacuum tubes shall be included.			
18	A curbside, folding 3-pipe rack shall be provided, constructed of steel tubing, spring			

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	assisted. Shall include quick release retainer handles (no bungees or clamps).			
19	A street-side, folding 3-pipe rack shall be provided, constructed of steel tubing, spring assisted. Shall include quick release retainer handles (no bungees or clamps).			
20	(2) Pipe Storage Racks Curbside waist level and (2) on rear door with quick releases.			
21	A splash shield shall be mounted around the lower 60% of door opening to direct liquid and debris away from the chassis. Shield shall be minimum 10" deep bolted assembly with no openings.			
22	A lubrication manifold system shall be provided to allow ground level greasing of boom lift and swing cylinders, float level indicator, top rear door hinges and debris body hoist cylinder pins.			
23	A 10" valve with 2" vent to atmosphere, electrically activated, air operated valve debris body vacuum relief system shall be located in the inlet of the vacuum system to allow the venting of the tank and relieve vacuum at the debris intake hose.			
24	A debris inlet deflector distributing load evenly in debris body shall be included.			
25	Liquid Float Level Indicator shall be provided. Digital level shall be represented on control screens with settable load limit value. When level reaches load limit, operator stations shall alarm and vacuum relief safety system activates.			
	N. Water Tanks	Meets	Exceed	Not available or does not meet spec
1	The water tanks shall be manufactured from a non-corrosive material to prevent rust yet still provide for maximum strength.			
2	The water tank material shall require no internal coating and shall be repairable if patching is required.			
3	The water tanks shall be easily removed from the subframe to provide complete access to the truck chassis for maintenance purposes.			
4	The water tanks shall be adequately vented and connected to provide complete filling.			
5	The water tanks shall be totally separate from the debris tanks and provide no structural support.			
6	The water tanks shall share no common walls with the debris tanks to prevent corrosion.			
7	The water tanks shall come equipped with an anti-siphon device and 25' of hydrant fill hose and fittings, Curb side			
8	The water tanks shall carry a 10-year warranty against corrosion or cracking at no			

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	cost to the City of O'Fallon. This provision is not waivable.			
9	All water tanks shall be fully baffled to form a maximum compartment storage of 150 gallons for each compartment. City of O'Fallon has determined that for the stability of the vehicle when turning and stopping and for safety of personnel that systems baffled at 150 maximum gallon compartments are preferred. Exceptions of requirement shall be explained in detail accompanied with detailed engineering drawings.			
10	The water tank shall be located for the lowest possible center of gravity while providing 100% gravity flooded intakes to water pump. Provide certification of a flooded pump inlet with bid.			
11	Fresh water shall enter the tanks through an in line 6" air gap, all aluminum covered anti-siphon device.			
12	A second fill station shall be supplied to fill with fresh water from driver side of the truck. An additional air gap on street side of unit shall be provided and include Y-strainer, 2.5" X 25' hose, and fill hose storage basket.			
13	Water level sight tubes of non-yellowing plastic shall be installed on both tanks.			
14	The sides of these water tanks shall not extend more than 48" out from the centerline of the truck chassis.			
15	A fresh water drain system shall be provided to completely drain the freshwater system from one location utilizing a 3" Y-strainer on the pump.			
16	A minimum 6" connection between tanks shall be provided.			
17	For stability safety, the water tanks shall not elevate with debris body during dump cycle.			
18	A low water alarm with light at the operator station shall alert the operator when water storage has reached an operator set remaining water level.			
19	A 3 in-line "Y" trap strainer shall be located at inlet of water tank fill airgap.			
20	A 3 in-line "Y" trap Monel stainless steel strainer shall be located between the water cells and water pump.			
21	A 3" Gate Valve shall be provided at water pump. Gate valve shall have remote air switch for easy "open/close" operation.			
22	Water tank must be a certified metered capacity of 1500 gallons. Certification shall be necessary upon delivery.			
23	Water tanks shall be constructed of 1/8" aluminum with baffled compartments maximum 150 gallons each.			

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24	An additional water tank sight gauge shall be provided			
25	Liquid Float Level Indicator shall be provided.			
26	Water tank liquid level shall be measured electronically and displayed remotely on front reel control screen and wireless remote display.			
	O. VACUUM/VACUUM DRIVE SYSTEM	Meets	Exceed	Not available or does not meet spec
1	Vacuum shall be provided by compressing air within a two-stage 38" diameter centrifugal compressor.			
2	Compressor fans to be constructed of non-corrosive material. The aluminum centrifugal compressor shall be of the riveted type design. Welded steel fans are not acceptable, due to safety considerations.			
3	Each centrifugal compressor fan shall be constructed of non-corrosive aluminum with 1/4" minimum thickness hardened chrome plated cast aluminum blades.			
4	Centrifugal compressor shall be warranted against corrosion for five years.			
5	The outer housing shall be constructed of 1/4" spun steel.			
6	Compressor housing shall be equipped with a drain not exceeding 2" diameter.			
7	Complete compressor and housing assembly shall be warranted against materials and workmanship for five years.			
8	Hydrostatic drive system that shall include an electronic controlled variable displacement hydrostatic pump producing up to 300 Bar.			
9	The compressor Hydrostatic Drive system shall utilize electronic controls located at the front operator station. The system shall be controlled on/ off with a switch that may be engaged or disengaged at any operating speed. This feature shall reduce runtime and the extend the service life.			
10	The compressor controls will have a speed selection switch at the operator station to control compressor speed; manual levers on the hydrostatic pump to control compressor speed will not be accepted.			
11	The centrifugal compressor should be driven direct through a helical gear type step-up transmission drive with a step-up ratio 2 to 1.			
12	Hydraulic shut off valves shall be provided at the suction, return and filter lines to permit servicing of the hydraulic system.			
13	The drive shaft shall be supported via ball bearings and gears.			

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14	Compressor shall be driven from a closed loop hydrostatic drive system utilizing available chassis power via split-shaft transfer case. The transfer case shall drive a variable displacement hydrostatic pump to energize a closed loop. Transfer case shall be activated by air via a one touch control located in cab with animated confirmation on screen.			
15	The pump shall be mounted directly to the split shift transfer case. The pump will have a B10 life Rating of 10,000 hrs continuous duty.			
16	The hydraulic motor powering the compressor shall be a bent axis, bi-directional motor. Motor speed shall not exceed 2,500 RPM.			
17	The hydrostatic drive system shall utilize electronic soft start speed control to manage ramping speed.			
18	The control system shall provide a mode selection switch to control the compression drive in low vacuum, combination mode, and full vacuum settings.			
19	The gear drive should attach directly to the rotor shaft without the use of multiple stage V-belts or jack shafts.			
20	The gears and bearings shall be lubricated with a splash lubrication system, requiring no manual greasing.			
21	The drive system shall not utilize pillow block bearings that require excessive daily greasing.			
22	The centrifugal compressor shall be capable of air flows from 0 to 8,000 CFMs and pressures from 1" to 228" negative water pressure. Manometer readings of the vacuum system performance shall be supplied with the bid, using the following orifices: (1). 4" Orifice, (2). 5" Orifice, (3). 6" Orifice, (4) Open Nozzle, (5). Operating RPM at test. Note: Upon delivery, the unit is to be measured at the delivery site to verify compliance.			
23	Compressor shall be able to vacuum dry or wet material without damaging vacuum system. Compressor shall also carry a minimum non-prorated five (5) year warranty. Copy of warranty shall be attached.			
24	Unit shall have the ability to vacuum and jet rod to depths of 75' without use of any special attachment.			
25	A compressor tachometer, hour meter, and hydraulic temperature gauge shall be provided and displayed digitally on front control screen.			
26	For most efficient use of horsepower and fuel consumption, full vacuum and/or combination			

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	operation shall be approximately 1650 RPM of chassis drive engine.			
27	Hydraulic shut off valves shall be provided at the suction, return and filter lines to permit servicing of the hydraulic system.			
28	The fan housings shall be isolated on rubber mounting supports.			
	P. VACUUM BOOM SYSTEM	Meets	Exceed	Not available or does not meet spec
1	Vacuum hose shall be designed for front operation with hose mounted and stored at front mounted workstation. Front mounted location is required for ease of positioning vacuum hose as well as minimizing need for operator to swing hose into traffic.			
2	All connections between debris body and vacuum system will be of the self-adjusting pressure fitting type.			
3	Vacuum hose will remain stationary and not rise with debris body.			
4	Upper debris tube shall consist of an anchored steel tube and elbow.			
5	A sub-frame mounted cab guard shall be mounted behind cab with boom rest cradle.			
6	All vacuum pipes shall be connected to vacuum pick up tube and extension pipes by adjustable over-center quick clamps to join the aluminum flanges on pipes.			
7	One (1) quick clamp for each pipe supplied shall be provided.			
8	Boom pedestal shall be directly mounted to module subframe.			
9	Boom support used for travel mode shall not interfere with access or require removal to tilt hood forward.			
10	A control station shall be equipped with control switches for all directions as well as a safety emergency shut-down button, which shall automatically eliminate power to boom.			
11	The vacuum boom shall have a heavy-duty flexible hose gum lined assembly joining the transition pipe to the debris body, and a hard hat style 70-degree elbow and 5-½' heavy duty gum lined hose at the suction end of the boom (rotatable upper rubber hose with use of quick clamps).			
12	Boom shall rotate 180 degrees and shall be operated by an electric over hydraulic system. Lift and swing movements shall be actuated by hydraulic cylinders.			
13	The horizontal inner steel vacuum tube and inner box beam boom section shall telescope (tube within tube, box beam within box beam) and retract a minimum of 10' without affecting the vertical position of the pick-up tubes, and			

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	shall be located at the front work station in its retracted position, providing 324" maximum reach off the longitudinal axis of unit, and a minimum coverage of 700 square feet.			
14	Boom ramp up speed and maximum travel speeds must be user programmable for each function. Wireless remote must have its own programable boom speed settings.			
15	A joystick for hydraulic control of the boom shall be installed on the hose reel front panel.			
16	A removable 4" diameter storage "Post" to stabilize the lower boom hose during transport. Storage device shall not interfere with raising hood.			
17	A belly pack cordless remote boom control system equipped to activate boom functions, throttle, water pump on/off, vary water flow, hose reel in/out, hose reel speed, vacuum relief on/off and emergency disengagement e-stop shall be provided. Remote shall display: water flow, water pressure, hose reel footage, vacuum pressure, compressor rpm, and engine information.			
18	A detailed engineering drawing must be supplied showing the relationship of the hose reel in relation to the vacuum boom range of motion. Drawing shall show module mounted on chassis, full arc of vacuum hose both retracted and extended, full rotation of arc for hose reel in the extended position and dimension all arc lengths of vacuum boom retracted and extended. Drawing shall highlight intersection areas whereby combination cleaning is possible (within full arc on telescoping boom system).			
19	To maintain a proper seal, the telescoping suction tube shall have a spring retained segmented air seal. This seal will be self-cleaning and require no lubrication. "O" ring type seals are unacceptable.			
20	Upper Debris hose shall be rotatable and gum lined to allow for rotation between hose changes, extending the life of the debris hose. Quick clamps shall be used to loosen the hose for rotation.			
	Q. WATER PUMP AND DRIVE	Meets	Exceed	Not available or does not meet spec
1	The high pressure dual acting single piston water pump shall be hydraulically driven that directly converts hydraulic oil pressure into water pressure. Belt driven is not acceptable due to maintenance considerations.			
2	For most efficient use of horsepower and reduced fuel consumption, high pressure rodder pump shall be hydraulically driven via			

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	(2) variable displacement pumps. The PTO shall engage the hydraulic pump(s), but not the water pump to eliminate unnecessary high pressure ball valve bypassing, that provides a safe emergency pump "shut down" at the operator's station and helps reduce water pump wear.			
3	Hydraulic powered rodder pump via twin variable displacement hydraulic pumps utilizing (2) 10-bolt PTO's.			
4	High pressure water pump shall be rated capable of continuous delivery of 100 GPM at 2500 PSI (submit manufacturer support documentation).			
5	High-pressure water (rodder) pump system shall be completely controlled through the range with use of the MultiFlow Control and throttle located on the control panel up to 80 GPM / 2500 psi.			
6	Digital flow meter shall be displayed in the front LCD display. Flow meter shall be capable of displaying system flow in all pump operating modes. In addition, a low water alarm shall be provided.			
7	Digital water pressure shall be displayed in the front LCD display. Pressure gauge shall be capable of displaying water system pressure in all pump operating modes.			
8	This hydraulic drive system shall allow variation of water pump speed independent of required vacuum drive speed within maximum drive engine speed of 1760 RPM.			
9	Variable flow systems routing water back-to-tank are not considered equal due to additional wear, horsepower and fuel consumption. Any deviation from this drive requirement should have full explanation of horsepower consumption.			
10	Water (rodder) pump shall include smooth and pulsation operation mode feature without altering pump flow.			
11	When required to assist nozzle breaking through obstructions, water pump "pulsation mode" shall provide a forward-acting nozzle surge. Pulsation surge wave shall allow nozzle to punch forward 2" to 18" depending on flow dynamics and length of hose in sewer pipe.			
12	Explanation of forward-acting pulsation method shall be submitted with bid or explained below: Systems that require the use of air induction into the water pump shall not be accepted.			
13	Water pump location shall provide a flooded gravity suction inlet to eliminate potential cavitations damage. Please specify location			

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	of pump and percentage (%) of water storage which will supply a flooded inlet.			
14	An oil to water heat exchanger will be provided in the water system to cool all hydraulic fluids on the unit. State horsepower requirement to operate hydraulics at full speed:			
15	The water pump shall provide precise 0-80 GPM controlled flow at variable pressure up to 2500 PSI.			
16	An extreme cold weather recirculation system - minimum 25 GPM via transmission PTO at chassis engine idle speed.			
17	A hydro-pneumatic nitrogen charged accumulator system shall be provided with all control valves, piping and hoses for either continuous flow or jackhammer rodding. Accumulator shall be a 2.5-gallon capacity and 1000 to 2500 PSI pressure rating.			
18	Two (2) 1/2" high pressure ball valves shall be provided for draining the water pump and flushing sediment from the bottom of the pump.			
19	A nozzle rack accommodating (7) nozzles shall be provided in the curbside toolbox. The nozzles shall be labeled on storage rack for pipe size/flow and application. Nozzles provided shall have tungsten carbide replaceable jets.			
20	The hydraulic system shall contain a direct acting relief valve. For added protection, the high-pressure water system shall also contain a direct acting relief valve. System shall be relieved to protect operator.			
21	Handgun shall be supplied that allows for changing of flow pattern from a fine mist to a steady stream.			
22	Handgun shall come equipped with quick connect couplers. Handgun shall be rated for 3,000 PSI			
23	A mid-ship quick disconnect handgun couplers shall be provided.			
24	Hydro-Excavation Package - Includes Storage Tray, and Vacuum Tube w/ Replaceable Rubber End. Water system shall allow precise variable flow control range of 0-22 GPM at 2500 PSI with digital flow meter in clear view of adjustment control.			
25	Tough HXX digging package shall be provided: One Ripsaw Rotating nozzle, one Reveal Straight Nozzle, one 1/2" x 48" pipe, two 1/2" x 72" pipes, and one HXX vertical grip trigger gun all with locking 1/2" quick connect fittings.			
26	A water pump hour meter shall be provided.			

CITY OF O'FALLON, MISSOURI

27	The PTO shall engage the hydraulic pump, but not the water pump to eliminate unnecessary high pressure ball valve bypass, that provides a safe emergency pump "shut down" at the operator's station and help reduce water pump wear.			
28	The water pump shall use a single water piston that provides a relatively slow pump stroke (as compared to triplex piston/plunger type pumps) that provides minimal wear and allows the pump to run at normal operating conditions or speed without water for thirty minutes. Provide certification with bid.			
29	A complement of drain valve and drain plugs shall be provided that allows the water pump and water tank system to be easily drained and flush sediment at ground level.			
30	The water pump shall have a five (5) year warranty. Warranty to include both parts and labor at no cost to the District. This provision is not waivable.			
31	A nozzle shall be added into each of the fan housings with water plumbed to them to allow for remote cleaning of the fan blades and housing.			
	R. HOSE REEL	Meets	Exceed	Not available or does not meet spec
1	Hose reel assembly shall be direct frame mounted.			
2	Hose reel assembly shall be mounted on an independent frame that can be removed from brackets attached permanently to front of main truck frame members.			
3	The hose reel assembly shall rotate on a greaseable heavy-duty slewing bearing a total of 270 degrees, 135 degrees to curb side and 135 degrees to street side providing direct alignment to manholes.			
4	The rotation of the hose reel assembly through the 270-degree working range will require minimal effort and shall not require any power assist complexity.			
5	Reel will be manufactured out of 1/4" spun steel for added structural strength and shall require no internal or external reinforcements that could damage rodder hose.			
6	Hose reel shall be driven by adjustable gear reduction chain and sprocket assembly.			
7	Hose reel shall operate at full rotational speed while chassis engine is at idle.			
8	Hydraulic Telescoping Rotating Hose Reel - 800' capacity of 1" hose shall be provided.			
9	The front mounted hose reel shall telescope 15" forward down centerline of truck. Power			

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	from this feature will come from a hydraulic pump and a "back up" manual jack.			
10	Hose reel shall include a dual locking device to positively lock reel in any position across operating range.			
11	The hose reel shall rotate about the reel assembly centerline so the reel shall never extend beyond the truck width. Reel coverage diagram shall be submitted with bid.			
12	The hose reel control panel shall be located to the right of the hose reel spool and shall provide convenient access to all necessary operating controls.			
13	The hose reel control panel shall be mounted to the hose reel frame and shall rotate with the hose reel assembly. Primary operator station shall be located at the hose reel.			
14	Station shall include: truck engine throttle on/off, truck engine throttle up/down, water pump on/off, boom controls, water pump multiflow control, water flow, hose reel pay in/out joystick, hose reel speed control, water pressure, low water indicator, alarm on/off, rotating hose reel lock control, pinch roller control, work light on/off, blower air temp, LCD monitor, hydraulic oil temp, and E-Stop.			
15	In order to optimize performance and fuel economy, the hose reel hydraulic system shall be supplied by a load sensing/pressure compensated variable displacement hydraulic pump. The operator input to precisely control the hose reel direction and the pay in/out rate shall be through an electro proportional joystick and a variable speed switch mounted in the hose reel control panel.			
16	800' x 1" Piranha Sewer Hose / 2500 Psi shall be provided			
17	An automatic hose level wind scroll device shall be supplied. An air-cylinder actuated pinch-roller shall exert downward pressure across full width of reel to retain hose on reel when encountering nozzle blockages. Level wind should be indexing to adjust height of sewer hose pay in/out for easements or manholes.			
18	An air-cylinder actuated pinch-roller shall exert downward pressure across full width of reel to retain hose on reel when encountering nozzle blockages.			
19	Digital footage counter displaying absolute and relative footage values shall be provided. System must be capable of resetting relative value to ensure operator safety, accuracy To Within One Percent of Actual Distance, Large Easy To Read LCD Screen, Large Keypad			

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	With Sealed Membrane Switches That Are Easily Activated, 7" Display.			
20	1" X 10' Leader Hose			
	S. WASHDOWN EQUIPMENT	Meets	Exceed	Not available or does not meet spec
1	A spring retractable reel with 1/2" x 50' handgun hose shall be provided at mid-ship to which allow the operator to deliver water to area served by pick up hose and to the inside of the debris body for clean out. The reel is equipped with 1/2 x 50' 2500 psi hose with quick disconnect couplers. Reel shall have plumbing to recycle to tank for cold weather. Handgun will operate up to 2,500 psi and have a variable spray nozzle controlled with one hand.			
2	Hand sprayer with adjustable spray-pattern to be provided with trigger-style gun.			
3	Fan Flush out connections and plumbing to wash fan and housing with handgun style connectors shall be provided.			
	T. IN CAB CONTROLS	Meets	Exceed	Not available or does not meet spec
1	All In cab controls are to be located on a single in cab control screen. This shall be a 7" full color display screen. It shall utilize 12 back lit tactile (glove ready) buttons on the sides of the screen as well as feature touch screen operation.			
2	All Back up camera Features shall be displayed on the In Cab Control Screen.			
3	All work lights shall be able to be activated or deactivated in cab with on-screen controls.			
4	All standard arrow boards or arrow stick shall be controlled via an on-screen controller			
5	All safety strobes and beacons shall be controlled via on screen controller			
6	Road, Jet, or Combo mode shall be activated via one touch button on the control panel. The control screen must display an on-screen representation of the chassis drive system and must animate to show as drive systems activate or deactivate.			
7	Recirculation must be activated on the in-cab control screen and visibly show that it is active at all times.			
	U. FRONT OPERATING STATION AND CONTROLS	Meets	Exceed	Not available or does not meet spec
1	Primary operator station will be located at front of truck on right curb side of hose reel.			

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2	All operations to either side of the reel shall position operator in front of vehicle affording protection from oncoming traffic. All operator controls should be located on a single control panel that can be rotated on a 90-degree arc for an operator customizable location. The control panel shall also feature the ability to raise and lower through a range of not less than 8" to accommodate operators of different height.			
3	Station shall include a 7" Touch enabled display screen with corresponding tactile buttons for reading critical machine data including (hose footage, hose reel speed settings, water pressure, water flow. Air mover information, chassis data, mode indicator, chassis fuel level, and diagnostic controls), Back lit button keypads with, laser etched function icons, and 4 light feedback indicators. These buttons shall operate the following functions: All setup functions (remote/panel selector, work lights, hose reel extend/retract, hose reel lock, and pinch roller activation) and Vacuum functions. Additionally, there will be separate sealed backlit switches for Water Pump on/off and Throttle up/down. There shall be a multi flow control dial for controlling the full range of the water pump.			
4	There shall be a hose reel joystick to control the pay in and pay out of the hose reel, this joystick shall offer speed control that increases the further the joystick is moved in either direction. There shall be an additional hose reel speed dial for setting specific speed ranges of the reel. There shall be a boom joystick that controls all functions of the boom including up/down, left/right, and extend/retract. There shall be an E-Stop button to bring all machine functions to a safe operating condition.			
5	Tachometer and hour meter for chassis engine provided at control station shall be provided.			
5	Tachometer and hour meter for Centrifugal compressor at control station shall be provided.			
6	All Hydraulic Functions - Color Coded, Sealed Electric/Hydraulic NEMA 4 switches shall be provided.			
7	Fan Engagement/Vacuum Relief - Sealed Electric/Air NEMA 4 Switch shall be provided.			
8	Water pump hour meter shall be provided.			
9	PTO hour meter for each PTO shall be provided.			

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10	A high hydraulic temperature light and alarm shall be provided. Light and alarm will be activated when the hydraulic temperature reaches 180 F. The hydraulic system shall be disabled if the hydraulic oil temperature reaches 200 degrees F.			
11	Front control screen shall display a water level indicator to show level of water through the range of the tank.			
12	Front control screen shall display the vacuum debris body level.			
	V. ELECTRICAL & SAFETY LIGHTING	Meets	Exceed	Not available or does not meet spec
1	The entire system shall be vapor sealed to eliminate moisture damage, "Nema-4" type or equal.			
2	Unit shall be equipped with a high quality, weatherproof, color LCD monitor at the operator station			
3	IQAN Electronic Package: Chassis Tachometer, Blower Tachometer, Operating Mode, PTO Mode, Hydraulic Oil Temperature shutdown, Hose Reel Speed, Water Pressure, and E-Stop shall be included. Diagnostics for basic machine functions and all inputs and outputs shall be accessible via the display. Advanced diagnostics, updates, data retrieval, and remote diagnostics will be available via PC or Bluetooth connection.			
4	Logs, reports, and hour meters will be accessible via the display.			
5	All electrical connections shall be void of exposed wires or terminals nor should they be painted. Paint process shall be completed prior to installation of wiring.			
6	All wiring shall be color-coded and encased in conduit to sealed terminal boxes with circuit breakers.			
7	All light bulbs shall be shock mounted to eliminate bulb failure.			
8	All other lights required by State and Federal Laws.			
9	Directional arrow board shall be mounted on rear door of debris body, with controls mounted in cab.			
10	Handheld, Pistol Grip LED Spotlight with rechargeable Lithium Ion battery.			
11	Strobe L.E.D. Amber Beacon-Rear Door-Facing rear shall be provided. Limb guard for strobe/revolving light shall be provided.			
12	Hose reel manhole LED work light shall be provided			
13	(2) L.E.D. High Intensity 7k lumen Boom work lights shall be provided.			

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14	Operator station shall have back lit buttons for low light operation.			
15	(2) L.E.D. High Intensity 7k lumen Rear door work lights shall be provided and installed			
16	FS - 14 Amber LED Strobe Light System - 4 cab guard, 2 Mid-Ship, 4 Rear bumper, 4 rear door Mounted. LED Flash Strobes shall be provided.			
17	(2) L.E.D. amber strobes shall be mounted to the front bumper toolboxes, controller in cab.			
18	L.E.D. Lights, Clearance, Back-Up, Stop, Tail & Turn shall be provided.			
	W. SAFETY EQUIPMENT	Meets	Exceed	Not available or does not meet spec
1	E-stop shall be located at each operator interface location. Standard locations to include: front hose reel, mid-ship curbside dump controls, & wireless controller (if equipped.)			
	The E-stop shall turn off water pump, disengage hydraulic PTO's/Pumps, Open vacuum relief, and set chassis engine speed to idle. E-stop shall not stop engine under load. E-stop shall have application approval from engine manufacture to maintain warranties.			
2	Electrical system controls shall be configured to allow for single point operation only. Upon engagement of controls at specified locations, additional controls shall be disabled.			
3	Electrical system must enable self-check to ensure all switches are in home position prior to critical function enablement. System must "lock out" controls when switch is not in home position			
4	Rear work lights shall be activated upon engagement of reverse gear.			
5	(1) Emergency Flare Kit			
6	(1) 5# Fire Extinguisher			
7	7" dash monitor, 1-camera system shall be provided. A rear back-up color camera with 130 deg viewing angle shall be provided. Camera to have automatic activation when the unit is switched to reverse.			
8	Debris Body-Up Alarm to indicate when debris body is not in the proper stowed position			
9	Boom out of Position Light/Alarm to indicate when boom is not in the proper stowed position			
10	Two (2) complete set of parts and service manuals, including electrical and hydraulic			

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	schematics shall be furnished at time of delivery.			
11	Two (2) set of operator manuals shall be furnished at the time of delivery			
	X. SEWER TOOLS AND ACCESSORIES	Meets	Exceed	Not available or does not meet spec
1	(1) Dual Degree, Super Flusher Nozzle, tungsten carbide inserts			
2	(1) P-15 Penetrator Nozzle, tungsten carbide inserts			
3	(1) Dual Degree, Power Cleaner Nozzle, tungsten carbide inserts			
4	(1) 1" Small finned nozzle pipe skid			
5	(1) Flexible hose guide with restraining rope for protection of rodder hose.			
6	(1) Hydrant Wrench			
7	(1) WGR-RDP-PKG Warthog Magnum Root Destroyer Puller Nozzle. Nozzle must be field repairable. Magnetic or ceramic speed controls nozzles will not be accepted.			
8	(1) Power Bulldozer, bottom cleaner nozzle with 8 ceramic jets and 1" swivel. Nozzle shall have roll cage and replaceable sleds			
9	(1) Hollow Nozzle, hardened steel body for heavy debris cleaning with 16 ceramic jets, 20 degree and 15-degree jet angles.			
10	(1) Dump Nozzle, hardened steel body for heavy debris and long distance pulls with 10 ceramic jets, 8 degree and 5-degree jet angles.			
11	(1) Atomic Penetrator Nozzle for Sand and Sludge with High Pulling Force, 10 ceramic jets, 12-degree and 8-degree jet angles.			
	Y. VACUUM TOOLS AND ACCESSORIES	Meets	Exceed	Not available or does not meet spec
1	The basic vacuum tube package shall include the following:			
2	(1) 8" x 3' aluminum pipe			
3	(2) 8" x 5' aluminum pipe			
4	(1) 8" x 6'-6" catch basin tube			
5	(4) 8" quick clamps			
6	(1) 90-degree elbow with cam-lock fittings, 4"			
	Z. CHASSIS EQUIPMENT AND STORAGE	Meets	Exceed	Not available or does not meet spec

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1	Two (2) front tow hooks shall be provided.			
2	Two (2) rear tow hooks shall be provided.			
3	Aluminum Toolbox - Behind Cab 16x30x96			
4	(1) 48" x 20" x 12" Aluminum Toolbox Mounted streetside shall be provided.			
5	(1) Aluminum Toolbox with nozzle storage and dump controls mounted curbside shall be provided.			
6	(2) 18 In. x 16 In. x 12 In. Aluminum Toolbox - Front Bumper shall be provided.			
7	(1) 24" x 24" x 24" Aluminum Toolbox Mounted streetside shall be provided.			
8	Two (2) safety cone storage racks shall be provided to contain safety cones in the inverted position.			
9	Storage locations for various tools and accessories shall be provided at the front hose reel for point of use storage.			
	AA. MODULE FINISH	Meets	Exceed	Not available or does not meet spec
1	Painting of the module shall be with a DuPont Imron Elite Polyurethane Enamel Topcoat. Application is to be a wet topcoat applied to a dried and sanded primer base.			
2	The body color shall be white.			
3	Mud flaps front and rear of rear tires. Back up alarm and all standard equipment			
4	Literature on bed, lights, and electric tarp system must accompany bid.			
5	Body will have Rear Door Reflective Tape Conspicuity Striping applied,			
6	Aluminum fenders shall be provided to prevent rust and corrosion.			
	AB. Operator Training	Meets	Exceeds	Not Available or does not meet spec
1	Operator training will be provided on all systems of truck and truck capabilities within 2 weeks of delivery to City.			
Manuals and Service Publications/ Software				
	AC. Operator Manuals	Meets	Exceeds	Not Available or does not meet spec
1	All Publications must be bound into manuals or installed in binders when delivered to City; boxed, shrink wrapped or otherwise unbound loose pages are not acceptable			

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2	(2) complete sets of operator manuals shall be furnished w/ each completed truck for all systems as follows: Chassis, engine, transmission, and all installed components.			
3	(2) complete sets of operator manuals for all body builder installed components shall be provided with each completed truck.			
	AD. Service Manuals- Chassis	Meets	Exceeds	Not Available or does not meet spec
1	All Service Manuals must be bound into manuals or installed in binders when delivered to City; boxed, shrink wrapped or otherwise unbound loose pages are not acceptable			
2	Service Manuals are to include diagnostic and repair procedures for all OEM installed components including but not limited to, chassis, engine, electronic engine controls, fuel system, emission system, electrical systems, including all controllers, transmission, axles, and HVAC.			
3	Service Manuals are to include diagnostic and repair procedures for Combination body			
4	USB Service Manual - (1) complete set for each model			
5	Within ten (10) days after delivery, the successful bidder shall provide a minimum of 8 hours of operator training and 8 hours for maintenance training. A training video (if available) shall also be provided upon delivery. Training to be completed at The City of O'Fallon.			
6	One (1) factory operator school for one (1) city personnel shall be provided.			
7	Two (2) sets of keys shall be provided at the time of delivery.			
8	Furnish Detailed Wiring and Hydraulic Schematic for all hydraulics installed.			
	AE. WARRANTY	Meets	Exceeds	Not Available or does not meet spec
	The following warranties shall apply: <ul style="list-style-type: none"> 1. 10 years against corrosion or rust through the water tank. 2. 5 years against corrosion or rust through the debris tank and fan assembly. 3. 5 years total warranty on water pump. <p>1-year standard warranty on all other module components, including parts and labor, with no additional costs for transportation, lodging, meals, etc.</p>			

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1	<p>A detailed engineering drawing must be supplied showing the relationship of the hose reel in relation to the vacuum boom range of motion. Drawing shall show module mounted on chassis, full arc of vacuum hose both retracted and extended, full rotation of arc for hose reel in the extended position and dimension all arc lengths of vacuum boom retracted and extended. Drawing shall highlight intersection areas whereby combination cleaning is possible (within full arc on telescoping boom system).</p>			
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Trade In Pictures:

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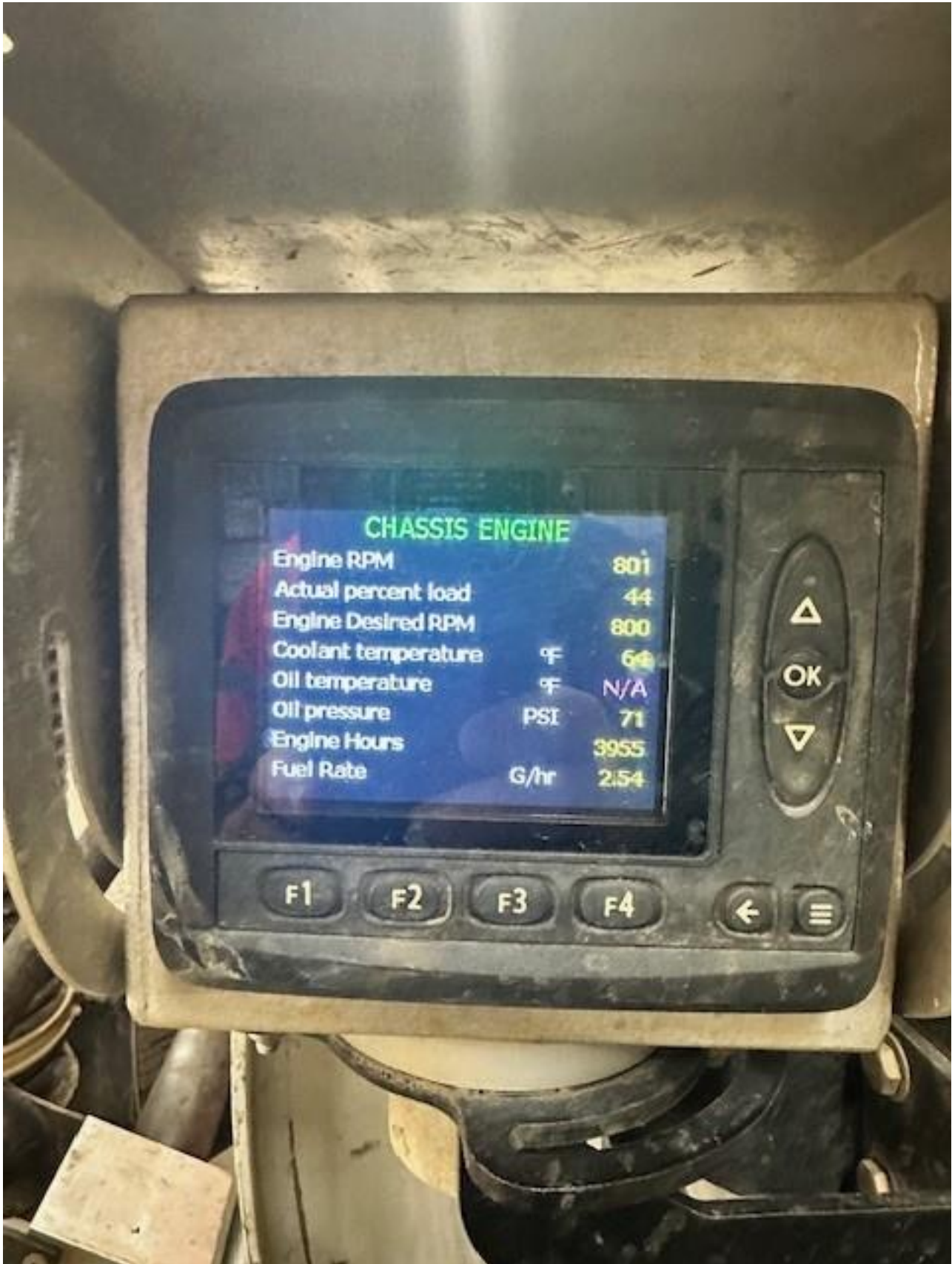
CITY OF O'FALLON, MISSOURI



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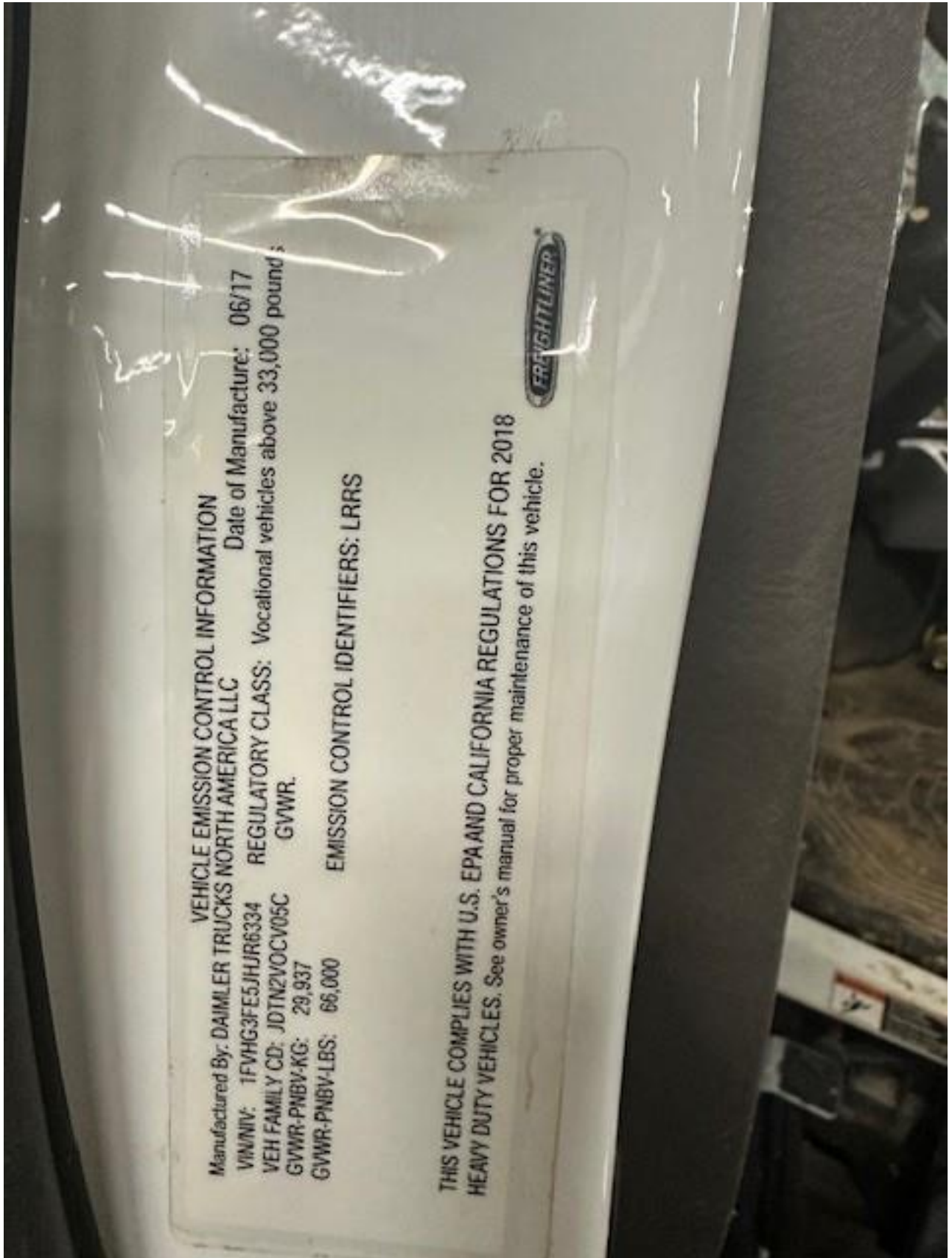


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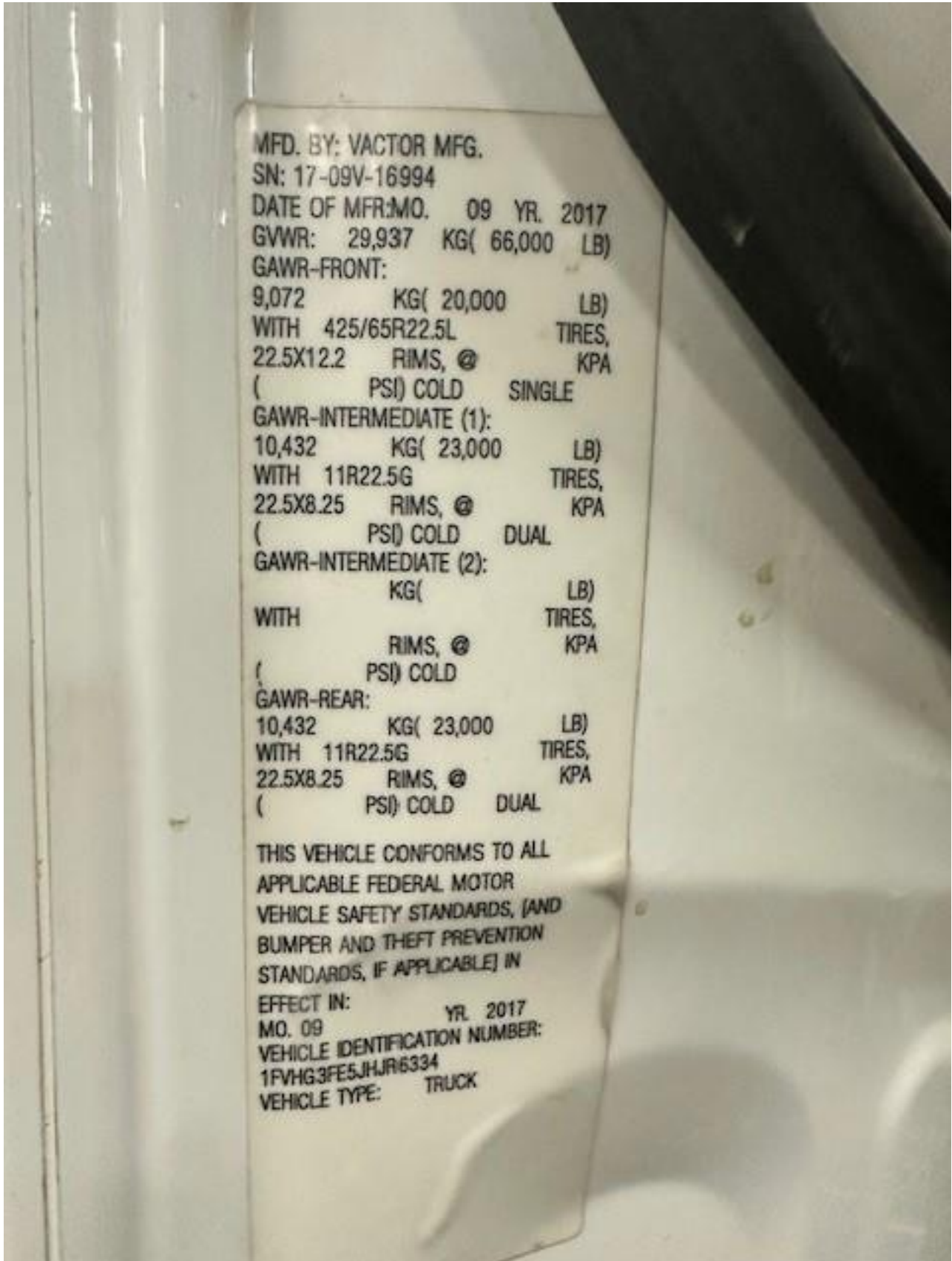
VEHICLE EMISSION CONTROL INFORMATION

Manufactured By: DAIMLER TRUCKS NORTH AMERICA LLC Date of Manufacture: 06/17
VIN/NIV: 1FVHG3FE5JHJR6334 REGULATORY CLASS: Vocational vehicles above 33,000 pound s
VEH FAMILY CD: JDTN2VOCV05C GVWR.
GVWR-PNBV-KG: 29,937
GVWR-PNBV-LBS: 66,000 EMISSION CONTROL IDENTIFIERS: LRRS



THIS VEHICLE COMPLIES WITH U.S. EPA AND CALIFORNIA REGULATIONS FOR 2018 HEAVY DUTY VEHICLES. See owner's manual for proper maintenance of this vehicle.

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MFD. BY: VACTOR MFG.
SN: 17-09V-16994
DATE OF MFR: MO. 09 YR. 2017
GVWR: 29,937 KG(66,000 LB)
GAWR-FRONT:
9,072 KG(20,000 LB)
WITH 425/65R22.5L TIRES,
22.5X12.2 RIMS, @ KPA
(PSI) COLD SINGLE
GAWR-INTERMEDIATE (1):
10,432 KG(23,000 LB)
WITH 11R22.5G TIRES,
22.5X8.25 RIMS, @ KPA
(PSI) COLD DUAL
GAWR-INTERMEDIATE (2):
KG(LB)
WITH TIRES,
RIMS, @ KPA
(PSI) COLD
GAWR-REAR:
10,432 KG(23,000 LB)
WITH 11R22.5G TIRES,
22.5X8.25 RIMS, @ KPA
(PSI) COLD DUAL

THIS VEHICLE CONFORMS TO ALL
APPLICABLE FEDERAL MOTOR
VEHICLE SAFETY STANDARDS, (AND
BUMPER AND THEFT PREVENTION
STANDARDS, IF APPLICABLE) IN
EFFECT IN:
MO. 09 YR. 2017
VEHICLE IDENTIFICATION NUMBER:
1FVHG3FE5JHJR6334
VEHICLE TYPE: TRUCK

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Year, Make, and Model of Conventional Cab and Chassis offered:
Make and Model of Combination Sewer Cleaner offered:
Engine Make and Model:

Estimated delivery time from date of order: _____ days

The bid must include delivery of trucks to the following facility:

City of O'Fallon, MO
Fleet Department
1051 Public Works Drive
O'Fallon, MO 63366

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PRICING

Company Name: _____

The bids are scheduled to be awarded within the first Quarter of 2025. The City of O'Fallon will specify the order date. Please take this into consideration when submitting your bid.

The bid must include delivery of trucks to the following facility:

City of O'Fallon, MO
Fleet Department
1051 Public Works Drive
O'Fallon, MO 63366

OPTION 1 with trade in:

Price of new unit	\$
Minus Trade In	-
Total price of new unit	\$

OPTION 2 without trade in:

Total price of new unit	\$
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Company Name: _____

5 YR PREVENTATIVE MAINTENANCE for new truck body unit:

This is to perform preventive maintenance on body unit ONLY. This will not include the cab and chassis. The City of O'Fallon will perform all PM on the cab and chassis. The PM will only include what was added to the cab and chassis by the body builder and hydraulics.

This will be a separate agreement from the overall unit cost. Optional two additional years is requested but not mandatory.

2026: Annual PM price	\$
2027: Annual PM price	\$
2028: Annual PM price	\$
2029: Annual PM price	\$
2030: Annual PM price	\$
Optional 2031: Annual PM price	\$
Optional 2032: Annual PM Price	\$

Optional PREVENTIVE MAINTENANCE for a separate Year 2020 Vactor 2100 (with optional two additional years):

The City of O'Fallon owns a 2020 Vactor 2100. This is to perform preventive maintenance on body unit ONLY. This will not include the cab and chassis. The City of O'Fallon will perform all PM on the cab and chassis. The PM will only include what was added to the cab and chassis by the body builder and hydraulics.

2025: Annual PM price	\$
2026: Annual PM price	\$
2027: Annual PM price	\$

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2028: Annual PM price	\$
2029: Annual PM price	\$
Optional 2030 Annual PM Price	\$
Optional 2031 Annual PM Price	\$

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Signature of bidder indicates that bidder understands and will comply with all terms and conditions and all other specifications made a part of this invitation to bid and any subsequent award of contract. All terms, conditions and representations made in the invitation will become an integral part of the contract.

Acknowledge the receipt of addenda by checking below as appropriate:

Addendum 1 _____ **Addendum 2** _____ **Addendum 3** _____ **Addendum 4** _____

BID AWARD CRITERIA:

This bid will be awarded to the lowest responsive, responsible bidder meeting specifications based upon the total lump sum bid amount.

The Contractor agrees to provide the equipment, service and supplies described above and in the contract specifications under the conditions outlined in attached documents for the amount stated above.

X _____
(Signature and Title)

CORPORATE SEAL
(If available)

BID MUST BE SIGNED FOR CONSIDERATION

Subscribed and Sworn to before me this _____ day of _____ AD, 20_____

(Notary Public) My Commission Expires: _____



CITY OF O'FALLON, MISSOURI
PURCHASING DEPARTMENT

100 North Main Street
O'Fallon, MO 63366
T: (636) 379-5527

LATE BIDS CANNOT BE ACCEPTED!



<u>SEALED BID</u>	
INVITATION #:	25-021
OPENING DATE:	03/06/2025
OPENING TIME:	2:30 P.M. CST
DESCRIPTION:	COMBINATION SEWER TRUCK
DATED MATERIAL-DELIVER IMMEDIATELY	

PLEASE CUT OUT AND AFFIX THIS BID LABEL (ABOVE) TO THE OUTERMOST ENVELOPE OF YOUR BID TO HELP ENSURE PROPER DELIVERY!

LATE BIDS CANNOT BE ACCEPTED!