

Bid Form
COMBINATION SEWER CLEANER
25-B011

18 pages
plus

OPENING DATE: MARCH 12TH, 2025

TOTAL PRICE FOR COMBINATION SEWER CLEANERS \$532,022.00
INCLUDING DELIVERY.

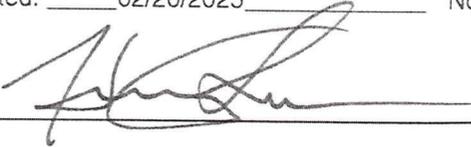
7/15 3/25/25
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ESTIMATED DELIVERY DATE 04/15/2026

Bidders must acknowledge all addenda. The Bidder acknowledges receipt of the following ADDENDA

No. 1 Dated: 02/20/2025 No. 2 Dated: 03/12/2025

SIGNATURE:



COMPANY NAME: Vactor Manufacturing

NAME: Hunter Larson

TITLE: Regional
Sales Manager

MAILING ADDRESS: 1300 W Bartlett Rd,
Elgin

STATE: IL

ZIP: 60120

ADDRESS OF PLANT 1621 sS Illinois St.,
Streator

STATE: IL

ZIP: 61364

EMAIL: hlarson@federalsignal.com

PHONE NUMBER: 312-989-5090

FAX NUMBER:
None

The signature on the bid must be that of an authorized representative of the corporation, partnership or other legal entity as defined by Louisiana Public Bid Law Revised Statute 38:2212.A.(1)(c) which dictates parties authorized to submit bids for public contracts.

No taxes, environmental Fees, shop fees or fuel surcharges shall be applied or added to invoices. Bid must be total cost.

The City of Slidell reserves the right to reject any and all bids.

The bidder shall complete every space on this bid form. You should mark specification bidder's proposal column with a check mark to indicate if the item being bid is exactly as specified. If not, the "NO" column must be checked and a detailed description of the deviation from the specification to be supplied.

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COMPLY, Indicate: Yes or No

GENERAL:

Yes No

The machine can remove stones, grit, grease, sludge, and other debris from sanitary sewer and/or storm drain lines by the flushing action of high-pressure water. The machine will be equipped with a self-contained, non-corrosive, non-metallic water tank supply as the water source for the high-pressure pump. The machine is capable of being operated by one man, with all operating controls for high-pressure water pump, and hose reel located at the front of the machine for safety. The machine shall be dual engine design with a total of 510HP to reduce wear on the chassis engine by driving the water pump with the auxiliary engine. The machine used a 2025 Freightliner 114SD chassis for these specifications.

DEBRIS BODY:

Yes No

Debris storage body has a minimum usable liquid capacity of 11 cubic yards. The debris body shall be round for maximum strength and constructed of 3/16-inch ASTM A242 Corten A steel for enhanced corrosion resistance.

The rear door shall be flat (industrial style) and flanged for maximum strength. It shall be fully opened to 90 degrees by means of 2 hydraulic cylinders and hinged at the top with low profile and adjustable style hinges. There shall be a 6" diameter liquid drain knife valve and screen weldment inside for retaining solids while removing excess liquids. The drain will have 10 feet of 6" lay flat hose. The debris body shall be supplied with a debris deflector shield mounted at the inlet of the vacuum port. The debris deflector shield shall deflect material from the rear door to prevent the door from being damaged by debris entering the tank. A rear door safety prop shall be provided. For ease of maintenance there shall be no hydraulic components located inside the debris body or rear door.

The door locking system shall have four (4) externally mounted wedge-style door locks that lock hydraulically. The hydraulic locks shall be operated by one (1) sequential control and 2 hydraulic cylinders to allow the operator to control the discharging of the liquids from the debris tank, by cracking open the door slowly prior to dumping the debris.

Dual steel weldments with stainless steel screen 8' x 28" each providing up to 1200 square inches of added filtration for the vacuum system shall be provided inside the debris tank. These weldments shall be removable and require no cutting or welding.

A double acting power up/power down hydraulic scissors lift mechanism will be provided to raise the body to a minimum 50-degree angle. The scissors lift mechanism shall be designed to support a minimum of 24 inches of the debris tank width to provide stability and when dumping on uneven ground. The lift capacity of hydraulic scissors lift cylinder is 56 000 lbs.

Dump controls are located on curbside mid-ship of the unit, well forward of the dumping area for operator safety. A manual override system is provided in case of system failure.

The debris body has a five-year warranty. A copy of the manufacturer's warranty statement shall be enclosed with the bid. If pro-rated so state: _____

An internal polyethylene float device with external indicator is supplied to show when the body is loaded to capacity.

AUTOMATIC VACUUM BREAKER:

Yes No

The automatic vacuum breaker assembly is located inside the body.

The automatic vacuum breaker assembly shall be controlled by an electric over hydraulic circuit.

The entire system shall be replaceable via a bolt on assembly.

The assembly shall consist of a 12" inlet and two 8" ports that provide air flow to the vacuum system.

A full indication activates an automatic vacuum breaker shut down system that completely shuts down 100 percent of the airflow to the vacuum system to prevent overfilling and wastewater

discharge into the atmosphere.

The vacuum breaker system is automatically activated (closed) when the parking brake system is released to eliminate carryover during transit.

The system is controlled/activated at the front hose reel control station. This enables the operator to pick up large debris with boom and place debris on the road surface. This system can be used for safety in the event the suction must be shut off in case of an emergency.

CENTRIFUGAL COMPRESSOR (FAN DESIGN):

Yes No

The centrifugal vacuum compressor shall be of 3-stage construction (i.e. 3-27" minimum diameter fans in tandem). The centrifugal compressor (fans) shall be constructed of Carbon steel.

The compressor's outer housing shall be spun from one piece of 3/16" steel for strength and provide proper airflow in operation.

The vacuum system shall operate independent of the high-pressure water system.

The compressor is driven by the chassis engine via a closed loop hydrostatic system using a variable piston pump and motor.

This system shall include a heat exchanger for extreme ambient conditions and to maintain the pump suction oil temp at 160 deg. F. max. The heat exchanger shall be protected by a 30-micron filter and cold weather bypass valve. Hydrostatic loop filtration shall be accomplished by a 10 Beta micron return filter and a 10-micron Absolute (no bypass) charge filter.

To maximize long term durability by reducing the load on one side of the compressor, the compressor shaft shall extend through the compressor and shall be additionally stabilized by using two high speed bearings, one at each side of the shaft. No exceptions will be allowed to this requirement.

A means of starting, stopping and varying the vacuum suction from operator station at the front of the machine is provided.

A centrifugal separator located in the inlet chamber to the fans with cleanout box is provided. The separator removes particles from the air stream, thus enabling the unit to vacuum wet or dry material. The separator is separate from the debris body. The centrifugal compressor (fan) system can produce 90% vacuum with no airflow. This feature allows material to be vacuumed under the water surface, i.e. lift stations, plugged manholes, etc.

Unit must be capable of vacuuming under water 16.6' (200") without air induction. A manometer/vacuum test may be required to demonstrate the system performance.

The centrifugal compressor fans have a 5-year replacement non-prorated warranty.

VACUUM PICK UP HOSE:

Yes No

Shall be front loading, attached at the front of the machine to provide ease of positioning the machine over the manhole, as well as afford maximum safety for the operator.

The 8" will be mounted on a boom that will provide a minimum of 18' vertical lift utilizing dual hydraulic cylinder and 230 degree of boom rotation powered hydraulically for non-interrupted smooth movement. Boom to have a lift capacity of 500 lbs. at the front bumper.

The boom will be powered by an electric over hydraulic system: up/down by dual lift cylinders. The right/left movements shall be hydraulic via worm gear rotation.

The boom shall hydraulically telescope a minimum of 10 ft. forward from the operator's station. The height of the boom shall not change while the boom is being telescoped. A manual override system shall be provided for right/left, and up/down functions in case of system failure.

Control of the boom is by means of a joystick control at the operator's station, requiring no cables at operator's feet for boom operation. A wireless remote control will be provided for Boom, Vacuum Breaker, Chassis Throttle, and Debris Body functions. A manual override system shall be provided for right/left, and up/down functions in case of system failure.

A boom coverage chart shall be provided showing the square footage of boom coverage.

8-inch diameter pipe extensions with clamps will be provided and carried on the truck as follows:

- 1 6-1/2' Catch Basin Nozzle
- 6' Aluminum Pipe Extension

- 1 5' Aluminum Pipe Extension
- 3' Aluminum Pipe Extension

WATER SUPPLY:

Yes No

The water tanks shall have a minimum usable capacity of 1300 U.S. gallons.
The water tanks shall be constructed of non-corrosive, non-metallic, durable, cross-linked polyethylene to eliminate rust, corrosion, and stress cracking.
The water tanks shall be mounted at and below the truck frame level to provide a low center of gravity for truck stability.
A 2-1/2-inch diameter x 25 feet long hydrant hose with hydrant wrench is supplied on the unit.
An anti-siphon fill device is installed on the unit.
Inspection ports shall be provided to fill or to add chemicals to the water system. A sight gauge to indicate water level is located within sight of the operator station. The water tanks are protected by a minimum of 11-gauge steel plating mounted below the water tanks for protection against road hazards when unit travels over the road, off the road or to landfills. The water tanks carry a ten-year replacement warranty.

AUXILIARY ENGINE (WATER PUMP DRIVE ENGINE):

Yes No

The auxiliary engine, John Deere Tier 4 final -140HP or approved equal, shall be used to drive the water pump. An electronic digital diagnostic and fault monitoring panel shall be mounted on the front of the unit at the operator's station and be able to display various engine operation conditions including but not limited to engine rpm, hours, coolant temp and oil pressure. A standard integrated safety shutdown system shall be provided in the engine ecu and will shut the engine down in the event of low oil pressure or excessive coolant temperature. The ignition system start stop switch will be located at the operator's station. The auxiliary engine shall be shrouded and have a hinged door on the driver's side of the unit. The engine oil dipstick shall be accessed from the ground level on the driver's side.

HIGH-PRESSURE WATER PUMP:

Yes No

The high-pressure water pump shall be rated to deliver smooth continuous pressure and flow through the entire flow range of the pump. The high pressure shall have smooth continuous flow for both the high-pressure system and the handgun system.
A continuous duty flow of 60 gpm. and 3,000 psi shall be provided.
High-pressure relief valves are provided for both the high-pressure system and handgun system. The water pump operates independently of the vacuum system and is powered by the auxiliary engine via clutch less, direct dual powerband drive system.
The high-pressure water pump drive system carries a five-year replacement warranty. Warranty excludes the drive engine, i.e. auxiliary engine.
The water pump can be ran dry. Controls for starting and stopping the water pump and to vary the flow and pressure shall be at the front hose reel operator's station.
The high-pressure water pump is equipped with a cold weather drain valve. The valve allows the operator to completely drain the high-pressure pump.

HOSE REEL ASSEMBLY:

Yes No

The hose reel assembly is mounted on the front of the vehicle. The hose reel shall have a minimum of 30" inside diameter with a capacity of 800' x 1" hose. The hose reel is hydraulically powered in both directions by means of a double chain and sprocket drive. The controls for operating the motor have a flow control device to regulate the rotational speed of the reel in both directions. All hydraulic hoses are behind a steel housing to protect operator from hydraulic oil if a hose fails. The hydraulic motor, chain, and sprockets have a protective cover or are mounted on the radiator side of the hose reel for operator safety. The hose reel articulates 180 degrees to

the driver's side allowing operator to work in any position through this arc. This allows greater flexibility in truck placement for manholes located in tough areas and provides greater safety to the operator. Reel extends beyond the width of unit for greater flexibility for positioning reel over offset manholes, catch basins, etc. A hydraulically controlled outrigger leg is supplied that comes in contact with the ground at any one position. A warning light is located in the cab to warn the operator that the outrigger leg is not in its transported position prior to moving the unit. A manual bypass system for the hose reel assembly is provided to manually pull the reel assembly away from its transported position. This feature allows operators to check fluids without starting engines.

JET HOSE:

Yes No

800' x 1" jet rodder hose will be supplied rated for 3000 psi working pressure and 7500 psi burst pressure. A heavy-duty hose guide with 25' of nylon rope will be provided. Nozzles shall be hardened steel with replaceable ceramic orifices as follows: 1) Chisel head penetrator & 1) standard sanitary.

MANHOLE CLEANING WATER SYSTEM (HANDGUN):

Yes No

The high-pressure pump and independent water tank assembly supplied shall be used for manhole cleaning. A smooth continuous flow of 20 gpm. and pressure of 600 psi shall be provided for ease of operation. A handgun pressure relief valve set at 600 psi shall be provided. One full functioning handgun with on/off hand control, replaceable nozzle tip, 12-inch extension, adjustable spray and 50' x 1/2" hose with retractable reel will be provided. The handgun will attach to the system via a quick couple connection at the curbside of the unit. To avoid being coiled at the operator's station a handgun holder will be provided at the front bumper.

HYDRAULIC SYSTEM AND LUBRICATION:

Yes No

The hydraulic system has a 55-gallon capacity. The hydraulic system shall incorporate a main shut off valve in case of hydraulic failure. The hydraulic system shall incorporate hydraulic pressure relief valves and pressure gauges for ease of trouble shooting and maintenance. The unit is equipped on the passenger side, mid-section of the module, a permanent weatherproof white vinyl lubrication chart that points out lubrication points on the module and specifies what type of lubrication and hydraulic fluids are required. The chart also specifies the frequency of each lubrication point. Remote plumbed grease fittings are provided for the vacuum compressor, boom rotation, and water pump drive areas.

ACCESSORIES:

Yes No

A minimum twelve (12) month manufacturer's guarantee on the unit will be provided. A storage box behind the cab will be provided, 16" x 42" x 96"

- 1 Debris body power flush out system
- 1 Rear mounted hydraulic pump off system, 350 gpm w/20' lay flat hose
Rear splash guard, tank mounted (2 - 10 O'clock Position)
- 1 Air purge system
- 1 1/4 turn ball valve water drain
Variable flow valve

Lazy Susan style, deck mounted pipe rack, holds 5 pipe
 Hose footage counter, standard - drivers side
 Rear mounted tow hooks
 Auxiliary engine remote oil drain
 Remote boom grease zerk assembly, (accessible from ground level)
 Remote debris tank grease zerk assembly (accessible from ground level)
 10' leader hose
 Water pump remote oil drain
 Built in Body Prop - Rear Boom Support Mounted
 Move pump off to front, curbside of debris tank
 Traffic Camera with Color Monitor (Camera placement must be picked)
 Rear traffic camera
 Front hose reel camera - to view front of hose reel area
 Cone racks, between bogies on tandem units
 Hydro excavation Package Includes: 50-foot handgun hose reel with 1/2" hose, 72" 1/2" schedule 80 lance
 with single forward spray nozzle, Storage tubes for lances, Heavy duty unloader valve, Main control ball valve, Variable flow valve
 Wireless Remote Control for boom functions and debris tank functions
 OMSI Transfer Case ilo front engine PTO VACUUM DRIVE

LIGHTING:

Yes No

The entire module electrical system is vapor sealed to eliminate moisture damage. All wiring is color-coded, labeled, and run in sealed terminal enclosures.
 All module circuits are protected by circuit breakers.
 Clearance lights and reflectors are furnished in accordance with D.O.T. requirements.

LED strobe light with limb guard, rear debris tank door mounted - Whelen L21HAP LED Beacon with Whelen BGH Branch Guard
 4 LED strobes - (2) front bumper, (2) rear bumper - Whelen 50A03ZCR - Amber
 LED Arrow stick - Whelen TAM85 Traffic Advisor
 LED Boom Mounted Flood Light - Whelen NP6BB Worklight
 LED Rear Mounted Flood lights -Whelen NP6BB Worklight

PAINT:

Yes No

Unit paint surfaces are shot blasted, Ambershield zinc primed, sanded, and sealed with epoxy primer. The hose reel spool, debris tank and sides of mainframe painted with PPG Delfleet single stage polyurethane paint. All other paintable surfaces coated in PPG Ambershield textured black paint.
 Unit shall have reflective White or Blue body and boom stripes.
 Chassis shall be painted manufacturers standard white with DuPont Imron 5000 polyurethane paint.

TRAINING AND MANUALS:

Yes No

Operator training will be conducted by a factory-trained representative for a minimum of one day at the time of delivery. 1 copy of the operating and maintenance manual for the sewer cleaner module shall be provided, on a USB flash drive, upon unit delivery.

MOUNTING AND DELIVERY:

Yes No

The unit described will be mounted on a truck chassis acceptable to the body manufacturer at the factory of the body manufacturer.

EXCEPTIONS AND DEVIATIONS:

Yes No

Bidder shall fully explain every variance, exception, and or deviation to the bid specifications. Additional sheets/lines may be added if required

This bid was submitted by Vactor Manufacturing, understanding that we probably would not be chosen. There are many differences between the Vaccon and Vactor units. We are in the final phase of selecting a new Vactor dealer for Louisiana and going forward we will have better local sales and service for the city of Slidell. We did not want to ignore this bid, as we want to earn Slidell's business, but because our past dealer did not spend the time to explain why Vactor is a good choice for equipment, we cannot distill that message into this bid.

VACTOR

Presents a

Proposal Summary

2100i

Truck Mounted Single Engine
Combination Sewer Cleaner

For
Slidell



VACTOR

BASIC

MODEL

Vacuum System	Roots 824-18 Blower	Debris Body Capacity (cu.yd.)	12.0
Model Type	Combo	Water Capacity	1300
Water Flow	70.0	Water Pressure	3000
Chassis Source	Vactor	Water Tank Material	Aluminum
Controls		Blower High Temp Shutdown	true

CHASSIS

PSFT370A-2026-CH	Vactor Supplied Chassis - Tandem Axle -2026 Freightliner 114SD SFA6x4 - 370 HP - Auto -66 -000 GVWR - EPA24
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STANDARD FEATURES

010iSTD	Operator Station Curbside Toolbox
011iSTD	Aluminum Fenders
012iSTD	Mud Flaps
016iSTD	Color Coded Sealed Electrical System
019iASTD	Intuitouch Electronic Package
020iSTD	Double Acting Hoist Cylinder
025iASTD	Handgun Assembly
026iSTD	Ex-Ten Steel Cylindrical Debris Tank
030iSTD	Flexible Hose Guide
032iSTD	(3) Nozzles with Carbide Inserts w/Rack
045iSTD	Suction Tube Storage
046iSTD	1" Nozzle Pipe
048iSTD	10' Leader Hose
1001iSTD	Flat Rear Door w/Hydraulic Locks
1005iSTD	Dual Stainless Steel Float Shut Off System
1011iSTD	Microstrainer Prior to Blower
1023iSTD	Lube Manifold, with Lube Chart
1024iSTD	Debris Body Vacuum Relief System
1031iSTD	Debris Deflector Plate
1033iSTD	60" Dump Height
1041iSTD	Debris Body-Up Message and Alarm
2001iSTD	Low Water Indicator On Screen w/Alarm and Water Pump Flow Indicator
2011iSTD	3" Y -Strainer at Passenger Side Fill with 25' Fill Hose



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2022iSTD	Additional Water Tank Sight Gauge
2023iSTD	Liquid Float Level Indicator
3019iSTD	Digital Water Pressure Gauge
4006iSTD	Front Joystick Boom Control
4010iSTD	Boom Hose Storage
4017iSTD	Boom Out of Position Message and Alarm
4022iSTD	Telescopic Boom Elbow- Standard
5010iSTD	Rodder System Accumulator - Jack Hammer on/off Control w/ manual valve
5011iSTD	3"Y -Strainer @ Water Pump
5015iSTD	Midship Handgun Coupling
5019iSTD	Chassis Engine Cooling Package
5022iSTD	Side Mounted Water Pump
6005iDSTD	Digital Hose Footage Counter
6007iSTD	Hose Reel Manual Hyd Extend/Retract
6009iSTD	Hose Reel Chain Cover
6017iSTD	Hydraulic Tank Shutoff Valves
6019iSTD	Rodder Pump Drain Valves
6020iBSTD	Hydraulic Extending 15" - Rotating Hose Reel - 1" x800' Capacity
6025iSTD	Hose Wind Guide (Dual Roller)- Manual
7001iSTD	Tachometer/Chassis Engine w/Hourmeter
7003iSTD	Water Pump Hour Meter
7004iSTD	PTO Hour Meter
7005iSTD	Hydraulic Oil Temp Alarm
7007iSTD	Tachometer & Hourmeter/Blower
8000iSTD	Circuit Breakers
8025iSTD	LED Lights- Clearance- Back-up- Stop- Tail & Turn
9002iSTD	Tow Hooks- Front and Rear
9003iSTD	Electronic Back-Up Alarm
i110STD	Module Paint- DuPont Imron Elite - Wet on Wet
S390ASTD	8" Vacuum Pipe Package
S560STD	Emergency Flare Kit
S590STD	Fire Extinguisher 5 Lbs.

BOOM



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4011iB	Bellypack Wireless Controls with hose reel controls- 2-way communications- and LCD Display
4015i	180 deg. 10ft Telescoping Boom

DEBRIS BODY

1015iBFSTD	Fixed Rear Door Pipe Rack -8" Pipe
1016iSTD	"Subframe Mounted -2 Pipe Rack -8"
1003i	Debris Body Flushout
1005iA	S.S Float Ball Cage for Float Shut Off System
1009iA	Externally Mounted Trash Pump w/Floating Arm
1014i	Centrifugal Separators (Cyclones)
1015i	Folding Pipe Rack - Curbside -8" Pipe
1022i	Rear Door Splash Shield

VACUUM OPTIONS

3017i	Blower High Temp Safety Shutdown
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REAR DOOR

1008iA	6" Rear Door Knife Valve w/Camloc w/Port -6:00 position
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HOSE REEL

6003iC3	800' x 1" Piranha Sewer Hose 3000 PSI in lieu of STD
6014i	High Pressure Hose Reel

WATER TANKS

2016i	Additional Water- 1300 Gal Total
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MISCELLANEOUS

8024i	Amber Lights for Flashing Light Package
9023iA	Safety Cone Storage Rack - Post Style
CM-PSFT370A-2026-01	Chassis Modifications - 2026 Freightliner PSFT370A

LIGHTING



VACTOR

8001iM	Rear Directional Control- LED Arrowstick
8004iD	Rear Mounted- LED Beacon Light
8004iE	Front Mounted- LED Beacon Light
8020iH	10 Light Package- 10 Federal Signal Strobe Lights- LED
8028iA	Worklights (2), Self-Leveling Boom LED
8029i	Worklights (2)- LED- Rear Door
9021iB	Camera System- Front- Rear and Both Sides

PAINT

Cab Paint Color	White
Module Paint Color	White
i124STD	Vactor 2100i Body Decal- Standard
i113	Module Stripe, Single 6"
V-LOGO-APPL.	Vactor Logos - Applied

TOOLBOX

9071iE	Toolbox- Behind Cab - 16w 30h x 96d
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WATER ACCESSORIES

2006i	Air Purge
5021iC	Hydro Excavation Kit - Includes Lances w/ Shield- Nozzles- Storage Tray- and Vacuum Tube

WATER SYSTEM

5003iA	70 GPM/3000 PSI Jet Rodder pump
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VACTOR

Chassis Notes :-

	Configured Price	\$531,472.00
	FET	\$0.00
	Freight	\$2,550.00
	Other Charges	
	Factory Total	\$534,022.00
10% NON-REFUNDABLE PARTIAL PAYMENT, DUE UPON ORDER PLACEMENT	Deposit Required	\$53,147.20

Please remember Price indicated does not include unapproved Special Requests
Price valid for 30 Days from date of 03-11-2025

Product Model: 2100i
Proposal Date: 03-11-2025
Quote Number: 2025-80281
Price List Date: 03-09-2025
QTY: 1

Customer Initials: _____

PROPOSAL NOTES:



VACTOR

1. Multiple unit orders will be identical to signed proposal. Changes or deviations to any unit of a multiple unit order will require a new signed proposal.
2. Chassis specifications and data codes for customer supplied chassis must be submitted to and approved by Vactor prior to submittal of customer purchase order
3. All prices quoted are in US Dollars unless otherwise noted.
4. This proposal incorporates, and is subject to, Vactor's standard terms and conditions attached hereto and made a part hereof.

Signed By:

Date:



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VACTOR

LIMITED WARRANTY

Limited Warranty: Each machine manufactured by VACTOR MANUFACTURING (or, "the Company") is warranted against defects in material and workmanship for a period of 12 months, provided the machine is used in a normal and reasonable manner and in accordance with all operating, maintenance and safety instructions. In addition, certain machines and components of certain machines have extended warranties as set forth below. If sold to an end user, the applicable warranty period commences from the date of delivery to the end user. If used for rental purposes, the applicable warranty period commences from the date the machine is first made available for rental by the Company or its representative. This limited warranty may be enforced by any subsequent transferee during the warranty period. This limited warranty is the sole and exclusive warranty given by the Company.

STANDARD EXTENDED WARRANTIES (Total Warranty Duration)

- 10 years against metal water tank leakage due to corrosion
- Nonmetallic water tanks are covered for 5 years against any factory defect in material or workmanship
- 5 years against leakage of debris tank, centrifugal compressor or fan housing due to rust-through.
- 2 years - Vactor Rodder Pump
- 2 year- Electrical & Electronics (excludes Chassis components) and beyond

Exclusive Remedy: Should any warranted product fail during the warranty period, the Company will cause to be repaired or replaced, as the Company may elect, any part or parts of such machine that the Company's examination discloses to be defective in material or factory workmanship. Repairs or replacements are to be made at the selling Company's authorized dealer's or distributor's location or at other locations approved by the Company. In lieu of repair or replacement, the Company may elect, at its sole discretion, to refund the purchase price of any product deemed defective. The foregoing remedies shall be the sole and exclusive remedies of any party making a valid warranty claim.

This Limited Warranty shall not apply to (and the Company shall not be responsible for):

- 1 Major components or trade accessories that have a separate warranty from their original manufacturer, such as, but not limited to, trucks and truck chassis, engines, hydraulic pumps and motors, tires and batteries.
- 2 Normal adjustments and maintenance services.
- 3 Normal wear parts such as, but not limited to, oils, fluids, vacuum hose, light bulbs, fuses and gaskets.
- 4 Failures resulting from the machine being operated in a manner or for a purpose not recommended, nor intended, or not in accordance with operating, maintenance or safety instructions provided by the Company's
- 5 Repairs, modifications or alterations without the express written consent of the Company, which in the Company's sole judgment, have adversely affected the machine's stability, operation or reliability as originally designed and manufactured.
- 6 Items subject to misuse, negligence, accident or improper maintenance.

NOTE: The use in the product of any part other than parts approved by the Company may invalidate this warranty. The Company reserves the right to determine, in its sole discretion, if the use of non-approved parts operates to invalidate the warranty. Nothing contained in this warranty shall make the Company liable for loss, injury, or damage of any kind to any person or entity resulting from any defect or failure in the machine.

THIS WARRANTY SHALL BE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND TO THE EXTENT PERMITTED, CONFERRED BY STATE, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE, OR A WARRANTY AGAINST FAILURE OF ITS ESSENTIAL PURPOSE, ALL OF WHICH ARE DISCLAIMED.

For the avoidance of doubt, the Company shall not be liable for any indirect, special, incidental or consequential damages, including, but not limited to, loss of use or lost profits. The Company makes no representation that the machine has the capacity to perform any functions other than as contained in the Company's written literature, catalogs or specifications accompanying delivery of the machine. No person or affiliated company representative is authorized to alter the terms of this warranty, to give any other warranties or to assume any other liability on behalf of the Company in connection with the sale, servicing or repair of any machine manufactured by the Company. Any legal action based hereon must be commenced within eighteen (18) months of the event or facts giving rise to such action. The Company reserves the right to make design changes or improvements in its products without imposing any obligation upon itself to change or improve previously manufactured products.

GUZZLER

VACTOR MANUFACTURING
1621 S Illinois Street
Streator, IL 61364

VACTOR

9-1-2021

LIMITED WARRANTY

Limited Warranty. Each machine manufactured by VACTOR MANUFACTURING (or, "the Company") is warranted against defects in material and workmanship for a period of 12 months, provided the machine is used in a normal and reasonable manner and in accordance with all operating, maintenance and safety instructions. In addition, certain machines and components of certain machines have extended warranties as set forth below. If sold to an end user, the applicable warranty period commences from the date of delivery to the end user. If used for rental purposes, the applicable warranty period commences from the date the machine is first made available for rental by the Company or its representative. This limited warranty may be enforced by any subsequent transferee during the warranty period. This limited warranty is the sole and exclusive warranty given by the Company.

STANDARD EXTENDED WARRANTIES (Total Warranty Duration)

2100 Series, iMPACT and Ramjet	10 years against metal water tank leakage due to corrosion. Nonmetallic water tanks are covered for 5 years against any factory defect in material or workmanship.
2100 Series, iMPACT and Guzzler only	5 years against leakage of debris tank, centrifugal compressor or fan housing due to rust-through.
2100 Series, iMPACT and Ramjet	2 years - Vactor Rodder Pump
ALL Models starting with 21-09X-XXXXX and beyond	2 year- Electrical & Electronics (excludes Chassis components)

Exclusive Remedy. Should any warranted product fail during the warranty period, the Company will cause to be repaired or replaced, as the Company may elect, any part or parts of such machine that the Company's examination discloses to be defective in material or factory workmanship. Repairs or replacements are to be made at the selling Company's authorized dealer's or distributor's location or at other locations approved by the Company. In lieu of repair or replacement, the Company may elect, at its sole discretion, to refund the purchase price of any product deemed defective. The foregoing remedies shall be the sole and exclusive remedies of any party making a valid warranty claim.

This Limited Warranty shall not apply to (and the Company shall not be responsible for):

1. Major components or trade accessories that have a separate warranty from their original manufacturer, such as, but not limited to, trucks and truck chassis, engines, hydraulic pumps and motors, tires and batteries.
2. Normal adjustments and maintenance services.
3. Normal wear parts such as, but not limited to, oils, fluids, vacuum hose, light bulbs, fuses and gaskets.
4. Failures resulting from the machine being operated in a manner or for a purpose not recommended, nor intended, or not in accordance with operating, maintenance or safety instructions provided by the Company.
5. Repairs, modifications or alterations without the express written consent of the Company, which in the Company's sole judgment, have adversely affected the machine's stability, operation or reliability as originally designed and manufactured.
6. Items subject to misuse, negligence, accident or improper maintenance.

NOTE The use in the product of any part other than parts approved by the Company may invalidate this warranty. The Company reserves the right to determine, in its sole discretion, if the use of non-approved parts operates to invalidate the warranty. Nothing contained in this warranty shall make the Company liable for loss, injury, or damage of any kind to any person or entity resulting from any defect or failure in the machine.

THIS WARRANTY SHALL BE IN LIEU OF ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, AND TO THE EXTENT PERMITTED, CONFERRED BY STATUTE, INCLUDING WITHOUT LIMITATION, ANY IMPLIED WARRANTIES OF MERCHANTABILITY, OR FITNESS FOR A PARTICULAR PURPOSE, OR A WARRANTY AGAINST FAILURE OF ITS ESSENTIAL PURPOSE, ALL OF WHICH ARE DISCLAIMED.

This warranty is in lieu of all other obligations or liabilities, contractual and otherwise, on the part of the Company. For the avoidance of doubt, the Company shall not be liable for any indirect, special, incidental or consequential damages, including, but not limited to, loss of use or lost profits. The Company makes no representation that the machine has the capacity to perform any functions other than as contained in the Company's written literature, catalogs or specifications accompanying delivery of the machine. No person or affiliated company representative is authorized to alter the terms of this warranty, to give any other warranties or to assume any other liability on behalf of the Company in connection with the sale, servicing or repair of any machine manufactured by the Company. Any legal action based hereon must be commenced within eighteen (18) months of the event or facts giving rise to such action.

The Company reserves the right to make design changes or improvements in its products without imposing any obligation upon itself to change or improve previously manufactured products.

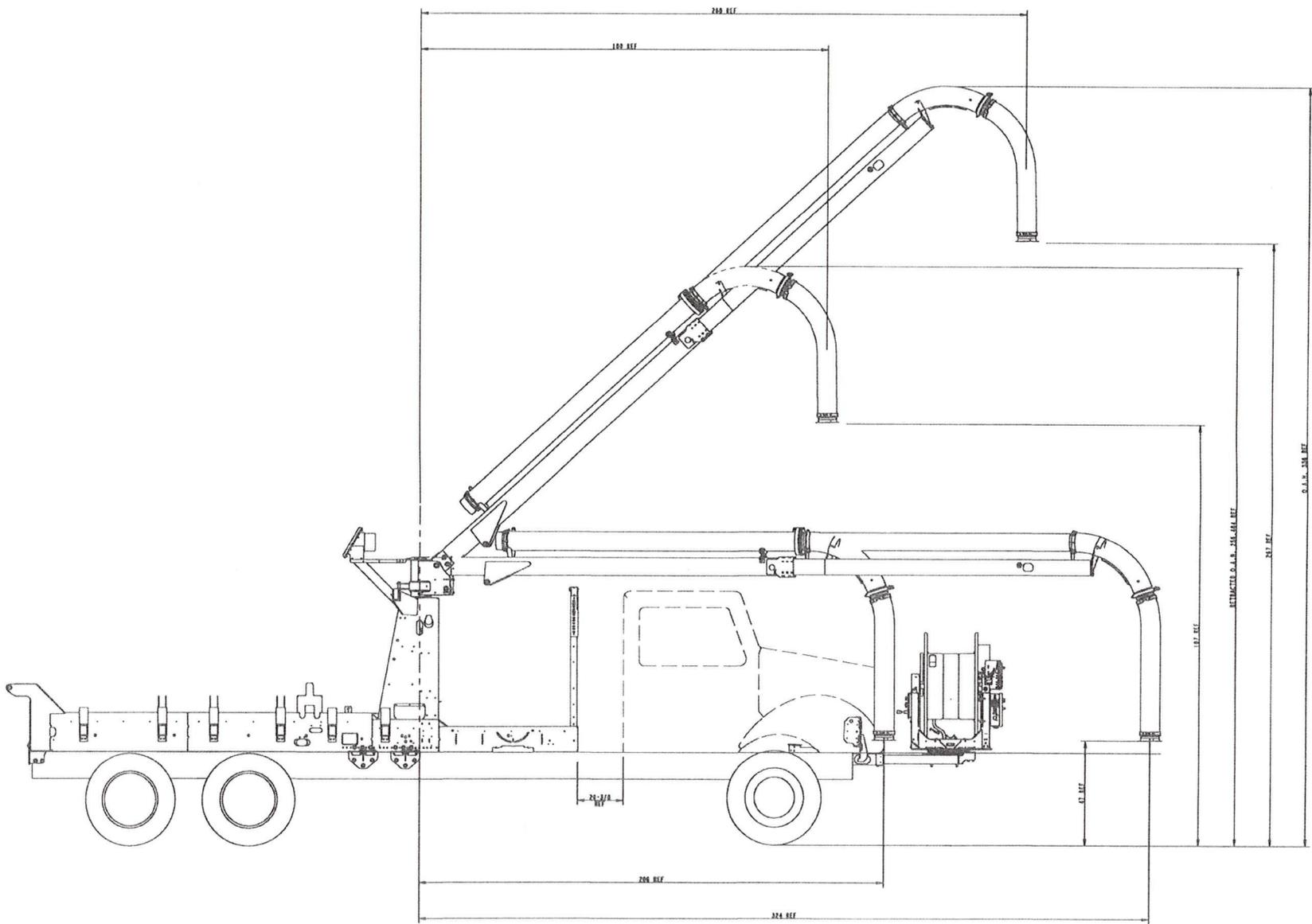
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A Vactor Company

VACTOR MANUFACTURING
1621 S. Illinois Street
Streator, IL 61364

VACTOR
Specialists of Proper Trench Expansion

9-1-2021

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REV	REVISION	BY	DATE	QTY	ISSUE IS	THRU IS
A	ADDC EXT BOOM	SEL	10/10/03			

THE WORK SHOWN ON THIS DRAWING APPLICABLE TO: A. 54 SEE PARTS LIST FOR THIS NUMBER ON LEASING/RENTAL	VECTOR MANUFACTURING INC. WINSTON, S.C. 18 FT. TELESCOPIC BOOM COVERAGE SERIAL:	DATE: 07/25/12 SCALE: 1/16 DRAWN: JSM CHECKED: JSM COVERED: 18 FT. TELESCOPIC BOOM COVERAGE
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