LEGAL NOTICE

INVITATION FOR BID
IFB 22-082

For

Truck Mounted Combination Sewer Cleaner

For

ST. CHARLES COUNTY GOVERNMENT
ST. CHARLES, MISSOURI

St. Charles County is seeking bids for a **Truck Mounted Combination Sewer Cleaner.** The county reserves the right to terminate the contract for any violation, by the successful bidder, of any term or condition of the contract by giving thirty (30) days written notice stating the reasons therefore and giving the party time to remedy any deficiencies. All bid prices submitted must be guaranteed for ninety (90) days.

BID INSTRUCTIONS

One [1] signed original and one [1] signed copy of the bid must be received in a sealed envelope plainly marked **"22-082 Truck Mounted Combination Sewer Cleaner"** with the date and time of the bid opening in the lower left corner of the envelope.

An authorized representative of the company/person submitting the bid must sign the bid, in blue ink.

Bids must be submitted to the St. Charles County Finance Department, 201 North Second Street Room 541 St. Charles MO 63301 prior to the bid opening.

Bid opening will be on 6/03/2022 at 10:00 AM , in **Room 115** of the St. Charles County Administration Building, 201 North Second Street, St. Charles, MO 63301.

St. Charles County reserves the right to accept and/or reject any and all bids.

Bid results may be obtained by going to our St Charles County Government website @ http://www.sccmo.org/Bids.aspx **click on "show Closed/Awarded/Cancelled bids", select bid and click on "related documents".** ***No phone calls please***. The time it takes for final bid results to be made public depends on the complexity of the project and the cost of the project.

BID INQUIRIES

Any questions or clarifications concerning this Request for Bid must be submitted in writing via E-mail (preferred), mail or fax to:

Pam Luesse
St. Charles County Government
Finance Department
201 North Second St
St. Charles, Missouri 63301
Fax: (636)949-7589
pluesse@sccmo.org

For questions or inquiries concerning the specifications please contact:

Ted Dunkmann, Highway Superintendent
St. Charles County Government
301 North Third St
St. Charles, Missouri 63301
Fax: (636)949-7305
tdunkmann@sccmo.org

- The bid number and title shall be referenced on all correspondence.
- All questions must be received no later than **3:00 PM** on **5/27/2022**. Any question received after this deadline may not be answered.

Responses to questions/clarifications will be placed on the County's website http://www.sccmo.org/Bids.aspx. Check this website frequently for updates and any addendum that are issued.

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Prohibited Communication

Contact with any representative, other than through the procedure outlined in the section titled "Bid Inquiries", concerning this request is prohibited PRIOR TO BID OPENING. Representative shall include, but not be limited to, all elected and appointed officials, and employees of St. Charles County and their Agents within St. Charles County.
Any Offeror engaging in such prohibited communications prior to Bid Opening may be disqualified at the sole discretion of St. Charles County.

TERMS AND CONDITIONS

- St. Charles County reserves the right to reject any and all bids or parts of a bid and waive technicalities, and to adjust quantities.

- All bids will be considered final. No additions, deletions, corrections, or adjustments will be accepted after the time of bid opening.

- All delivery costs or charges must be included in the F.O.B. destination bid price.

- City, County and State of Missouri Sales Tax and Federal Taxes are not applicable to sales made to St. Charles County and must be excluded.

- The contract shall be effective for the approximate twelve (12) month period from the date of the notice of award.

- The electronic version of this bid/RFP is available upon request. The document was entered into WORD for Microsoft Windows. The Purchasing Office does not guarantee the completeness and accuracy of any information provided on the electronic version. Therefore, respondents are cautioned that the hard copy of this bid/RFP on file in the Purchasing Office governs in the event of a discrepancy between the information contained in or on the electronic version and that which is on the hard copy.

- Vendors are required to clearly identify any deviations from the specifications in this document.

- An authorized officer of the company submitting the bid must sign all bids, in blue ink.

- Vendors must submit two [2] signed copies of their bid; one is to be an original and so marked.

- All prices and notations must be in blue ink or typewritten on the attached form. Mistakes must be crossed out, corrections typed adjacent and must be initialed in blue ink by the person signing the bid.

- St. Charles County will not award any bid to an individual or business having any outstanding amounts due from a prior Contract or business relationship with the County or who owes any amount(s) for delinquent Federal, State or Local taxes, fees and licenses.

- Sealed proposals received after the designated time of the receipt of the sealed proposals will

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be considered as “No Bid” and “Void” and will not be opened.

- The successful bidder is specifically denied the right of using in any form or medium the names of St. Charles County or any other public agency within St. Charles County Government for public advertising unless express written permission is granted.

- All bidders must possess the necessary and appropriate business and/or professional licenses in their field.

- Award will be made to the low responsive, responsible bidder, or to the offeror whose proposal is most advantageous to the County, price and other factors considered including geographic location. When payments are to be made to the County, award will be made to the most advantageous offer.

- County reserves the right to accept any item or group of items offered, unless the bidder qualifies his bid by specific limitations. The bid can be on an "all or none" basis if wording in the bid so states and if all items solicited are included in the bid.

- When applicable, provide unit prices and extension prices. Where there is disagreement in the unit and extension prices, the unit price shall govern.

Employment of Unauthorized Aliens Prohibited (*Missouri Revised Statutes* Section *285.530)*

As a condition for the award of any contract or grant in excess of five thousand dollars by St. Charles County to a business entity, the business entity shall, by sworn affidavit and provision of documentation**, affirm its enrollment and participation in a federal work authorization program **(E-Verify)** with respect to the employees working in connection with the contracted services. Every such business entity shall sign an affidavit affirming that it does not knowingly employ any person who is an unauthorized alien in connection with the contracted services. [RSMO 285.530 (2)]

An employer may enroll and participate in a federal work authorization program **(E-Verify)** and shall verify the employment eligibility of every employee in the employer’s hire whose employment commences after the employer enrolls in a federal work authorization program. The employer shall retain a copy of the dated verification report received from the federal government. Any business entity that participates in such program shall have an affirmative defense that such business entity has not violated subsection 1 of this section. [RSMO 285.530 (4)]

Any entity contracting with St. Charles County shall only be required to provide the referenced affidavit on an annual basis. A copy of the affidavit is included in this bid request. Vendors may choose to send the required documentation using one of the following options:

- Send the notarized affidavit and E-Verify MOU signature page to: St. Charles County, Attn: Purchasing Manager, 201 N Second Street, Room 541, St. Charles, MO 63301prior to responding to any solicitations; **OR**
- Send the notarized affidavit and E-Verify MOU signature page along with a bid solicitation response.

These documents will be kept on file. The notarized affidavit and E-Verify MOU signature page will remain current for **one year** from the date of the notarized affidavit.

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***** PLEASE NOTE:***

Acceptable enrollment and participation documentation consists of a valid copy of the signature page of the E-Verify Memorandum of Understanding, completed and signed by the Contractor, and the Department of Homeland Security - Verification Division
The online address to enroll in the E-verify program is:

https://e-verify.uscis.gov/enroll/StartPage.aspx?JS=YES

Open Records

Any and all information contained in or submitted with the bid becomes a public record subject to the Missouri Sunshine Law when the bids are opened. If the bidder believes that any information contained in or submitted with the bid is protected from disclosure by the Missouri Sunshine Law, the bidder must clearly identify what information the bidder believes is so protected and must also clearly identify the legal basis therefor.

Veteran Friendly Employment Policy

"Indicate whether you have developed a veteran friendly employment policy and, if so, attach a copy of such policy to your response as a point of information."

_____ "YES" our company has a veteran friendly employment policy.

_____ "NO" our company does not have a veteran friendly employment policy.

Please include a copy of your veteran friendly employment policy with your submission.

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Bid Specification

St. Charles County is seeking bids for **one (1) Truck Mounted Combination Sewer Cleaner** for removing all debris commonly found in storm basins and leads and/or sanitary sewer lines and manhole structures using a front mounted operating station for the Highway Department.

Unless otherwise specified, 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 County shall determine in its sole discretion whether a product is acceptable as an equivalent.**

Item Number	Feature Description	Meets	Exceeds	Not available or does not meet spec
1.0	**General**			
1.01	The intent of this specification is to provide for the purchase or lease of one (1) new and unused single engine combination sewer and catch basin cleaner used for removing all debris commonly found in storm basins and leads and/or sanitary sewer lines and manhole structures using a front mounted operating station. The unit shall consist of a centrifugal compressor vacuum system, a hydraulically driven high pressure water pump, an enclosed sealed body for storage of collected debris and equipped with a self-contained water supply as the source for the water pump system. The unit shall have the capability of operating both vacuum and water system simultaneously at full operating speeds continuously. The Centrifugal Compressor system shall be powered by a hydrostatic drive system.			
1.02	For quality assurance, the sewer cleaner shall be produced in a facility with ISO 9001:2008 certification. Certification shall be included with bid.			
1.03	For environmental considerations, the sewer cleaner shall be produced in a facility with ISO 14001:2004 certification. Certification shall be included with bid.			
2.0	**SUBFRAME**			
2.01	The equipment shall be of modular design consisting of vacuum system, water tanks system, debris body and drive system.			
2.02	A sub frame shall be fabricated to the exact dimensions of the truck chassis for mounting of modular components.			
2.03	All components of the module shall attach to the sub frame and not directly to the chassis.			

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2.04	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.			
2.05	Sub frame shall be continuous and uninterrupted from back of cab to end of frame.			
3.0	**DEBRIS BODY**			
3.01	The body shall be cylindrical having a minimum usable liquid capacity of 10 cubic yards.			
3.02	The body shall be capable of a 48" dump height. Dump height of 48" must be achieved without the use of scissor lift mechanism.			
3.03	The debris storage body shall be constructed with a minimum 3/16" corrosion and abrasion resistant Ex-Ten steel.			
3.04	The debris storage body shall have a minimum yield point of 50,000 PSI and a minimum tensile strength of 70,000 PSI.			
3.05	Body shall have a rear door that is hinged at the top and is equipped with a replaceable neoprene type seal. Adjustable for periodic compensation of door seal wear.			
3.06	Dual outward mounted rear door props shall be included as standard to prevent operator from entering door swing path when engaging rear door prop.			
3.07	For optimal particulate separation, vacuum shall be drawn from separate ports in the top of the debris body.			
3.08	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.			
3.09	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 accidently open the rear door.			
3.10	For stability and safety, dumping must be accomplished while the pivot point of the body remains fixed to the subframe.			
3.11	Industrial style rear debris body door shall be flat and shall open and close hydraulically by 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			

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	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.			
3.12	Debris body shall have a body flush out system with a stainless-steel clam shell 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. System must produce a flow of 80GPM. Control valve shall be on the curb side of the unit.			
3.13	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.			
3.14	The debris body shall be equipped with a 3:00 position rear door drain to drain off excess liquids while retaining solids and shall include a manually operated 6" knife valve with cam-lock coupler and 25' of lay flat hose having camlock quick connects.			
3.15	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 curb side. 10’ of 4” discharge lay flat hose with camlock coupler shall be included. Full rear door swinging decant screen shall be supplied to filter out large solids while operating sludge pump.			
3.16	(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.			
3.17	For safety, a minimum of (3) 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 (8) vacuum tubes shall be included.			
3.18	A curb-side, folding 3-pipe rack shall be provided, constructed of steel tubing, spring assisted. Shall include quick release retainer handles (no bungees or clamps).			

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3.19	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).			
3.20	A fixed rear door mounted 2-pipe rack shall be provided. Shall include quick release retainer handles (no bungees or clamps).			
3.21	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.			
3.22	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.			
3.23	A plastic lube chart shall be provided to call out when specific points on the unit should be greased.			
3.24	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.			
3.25	A debris inlet deflector distributing load evenly in debris body shall be included.			
3.26	Liquid Float Level Indicator shall be provided.			
4.0	**WATER TANKS**			
4.01	The water tanks shall be manufactured from a non-corrosive material to prevent rust yet still provide for maximum strength.			
4.02	The water tank material shall require no internal coating and shall be repairable if patching is required.			
4.03	The water tanks shall be easily removed from the subframe to provide complete access to the truck chassis for maintenance purposes.			
4.04	The water tanks shall be adequately vented and connected to provide complete filling.			
4.05	The water tanks shall be totally separate from the debris tanks and provide no structural support.			
4.06	The water tanks shall share no common walls with the debris tanks to prevent corrosion.			
4.07	The water tank shall come equipped with an anti-siphon device and 25 feet of 2-1/2 " hydrant fill hose with a quick disconnect cam lock fitting and fill hose storage basket			
4.08	The water tanks shall carry a 10-year warranty against corrosion or cracking. Warranty shall not be prorated. Warranty to include both parts and labor.			

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	This provision cannot be waived.			
4.09	All water tanks shall be fully baffled to form a maximum compartment storage of 150 gallons for each compartment. Saint Charles County Highway 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.			
4.10	The water tank shall be located at the lowest possible center of gravity while providing 100% gravity flooded intakes to water pump to maximize volumetric efficiency and eliminate the potential for water pump damage due to cavitation. Provide certification of a flooded pump inlet with bid.			
4.11	Fresh water shall enter the tanks through an in line 6" air gap, all aluminum covered anti-siphon device.			
4.12	Water level sight tubes of non-yellowing plastic shall be installed on both tanks.			
4.13	The sides of these water tanks shall not extend more than 48" out from the centerline of the truck chassis.			
4.14	A fresh water drain system shall be provided to completely drain the fresh-water system from one location utilizing the 3" Y-strainer on the pump.			
4.15	A minimum 6" connection between tanks shall be provided.			
4.16	For stability safety, the water tanks shall not elevate with debris body during dump cycle.			
4.17	A low water alarm with indicator on control screen shall alert operator when water storage has reached an operator set remaining water level.			
4.18	A 3” in-line "Y" trap strainer shall be located at the inlet of the water tank fill air-gap.			
4.19	A 3” in-line "Y" trap stainless steel strainer shall be located between the water cells and water pump.			
4.20	A 3" Gate Valve shall be provided at the water pump to turn the water supply on/off and isolate the “Y” Strainer. This valve shall be controlled remotely from the water control station by air.			
4.21	Water tank must be a certified metered capacity of 1000 gallons. Certification shall be necessary upon delivery.			
4.22	Water tanks shall be constructed of 1/8" aluminum with baffled compartments maximum 150 gallons each.			
4.23	Upon receipt of unit by St. Charles County Highway Department and before acceptance unit will be			

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	weighed both empty and full of clean water to verify water tank capacity and legal axle weights. Unit will be full of fuel and have driver in cab.			
4.24	Water tank liquid level shall be measured electronically and displayed remotely on front reel control screen and wireless remote display.			
5.0	**WATER PUMP SYSTEM**			
5.01	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.			
5.02	For most efficient use of horsepower and reduced fuel consumption, high pressure rodder pump shall be hydraulically driven via (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, thereby providing a safe emergency pump “shut down” at the operator’s station and helping reduce water pump wear.			
5.03	The hydraulic system shall contain a direct acting relief value. For adding protection, the high pressure water system shall also contain a direct acting relief valve.			
5.04	Hydraulic powered rodder pump via (2) variable displacement hydraulic pumps utilizing (2) 10-bolt PTO's.			
5.05	High pressure water pump shall be rated capable of continuous delivery of 100 GPM at 2500 PSI (submit manufacturer support documentation).			
5.06	The high-pressure water pump system shall be certified to deliver 0 to 80 GPM at a variable pressure up to 2500 PSI at the hose reel. Full flow and pressure ranges shall be achieved without diverting high pressure water back to the water tank. Variable flow systems diverting or relieving water back to the water tank to achieve full flow range (0 to 80 GPM) are not considered equal due to additional wear and horsepower/fuel consumption. Any deviation from this requirement shall have full explanation of horsepower consumption.			
5.07	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.			
5.08	Digital flow meter shall be displayed in front LCD display. Flow meter shall be capable of displaying			

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	system flow in all pump operating modes. In addition, a low water alarm shall be provided.			
5.09	Digital water pressure shall be displayed in front LCD display. Pressure gauge shall be capable of displaying water system pressure in all pump operating modes.			
5.10	Water pump speed to remain fully adjustable via an independent operator input regardless of the selected vacuum drive speed.			
5.11	Water (rodder) pump shall include smooth and pulsation operation mode feature without altering pump flow.			
5.12	The water pump shall perform one complete cycle approximately every 2.5 seconds (80 GPM) or longer depending on flow output. This water pump cycle shall provide a pulsation action to assist the nozzle in navigating difficult lines or breaking through obstructions/blockages. There shall be no interruption in the system water flow at the nozzle when this event occurs.			
5.13	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.			
5.14	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.			
5.15	Water pump location shall provide a flooded gravity suction inlet to eliminate potential cavitations damage. The water pump and associated water suction plumbing shall be located below the water storage tank . With the water pump located below the water tank, 100 % of the water will gravity feed to the pump to optimize water pump volumetric efficiency and eliminate the potential for water pump damage due to cavitation. Provide certification of a flooded pump inlet with bid.			
5.16	An oil to water heat exchanger will be provided in the water system to cool all hydraulic fluids on the unit.			
5.17	The water pump shall provide precise 0-80 GPM controlled flow at variable pressure up to 2500 PSI			
5.18	An extreme cold weather recirculation system - minimum 25 GPM via transmission PTO at chassis engine idle speed.			
5.19	A hydro-pneumatic nitrogen charged accumulator			

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	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.			
5.20	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.			
5.21	A nozzle rack accommodating (7) nozzles shall be provided in curbside toolbox. The nozzles shall be labeled on storage rack for pipe size/flow and application.			
5.22	Hydraulic system shall be relieved to protect operator.			
5.23	Handgun shall be supplied that allows for changing of flow pattern from a fine mist to a steady stream.			
5.24	Handgun shall come equipped with quick connect couplers. Handgun shall be rated for 3,000 PSI			
5.25	An additional 1" water relief valve shall be provided.			
5.26	A mid-ship quick disconnect handgun couplers with a shutoff valve shall be provided.			
5.27	Hydro-Excavation Package - Includes 14' of ½" Lances, Safety Trigger, 2 Nozzles, Storage Tray, and Rubber End Vacuum Dig Tube. 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.			
5.28	A water pump hour meter shall be provided.			
5.29	A high-pressure hose reel capable of operating at system pressure shall be provided.			
5.30	The high-pressure water pump shall be a double acting single piston pump hydraulically operated from a direct hydraulic pump. Belt drive systems are not acceptable. The only acceptable United States pump manufacturers are as follows: UEMSI 262-793-6666, Keith Huber 800-334-8237, and Vactor Manufacturing 815-672-3171. Specify manufacturer with bid.			
5.31	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.			
5.32	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			

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	minutes.			
5.33	The water pump shall have run-dry capabilities for thirty minutes. Provide certification with bid.			
5.34	A compliment 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.			
5.35	The water pump shall have a five (5) year warranty. Warranty to include both parts and labor at no cost to the County. This provision cannot be waived.			
6.0	**VACUUM/VACUUM DRIVE SYSTEM**			
6.01	Vacuum shall be provided by compressing air within a single stage 38" diameter centrifugal fan.			
6.02	Compressor fan 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.			
6.03	Centrifugal compressor fan shall be constructed of non-corrosive aluminum with 1/4” minimum thickness, hardened chrome plate-cast aluminum blades.			
6.04	Centrifugal compressor shall be warranted against corrosion for five years.			
6.05	The outer housing shall be constructed of 1/4" spun steel.			
6.06	Compressor housing shall be equipped with a drain not exceeding 2" diameter.			
6.07	Complete compressor and housing assembly shall be warranted against materials and workmanship for five years.			
6.08	Transfer case shall be activated by air via a one touch control located in cab with animated confirmation on screen. Interlock safety system shall prevent drive axle from engaging.			
6.09	A compressor tachometer, hour meter, and hydraulic temperature gauge shall be provided and displayed digitally on front control screen.			
6.10	For most efficient use of horsepower and fuel consumption, full vacuum and/or combination operation shall be approximately 1650 RPM of chassis drive engine.			
6.11	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. Hydrostatic drive system shall include an electronic controlled variable displacement hydrostatic pump producing up to 300			

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	Bar. This feature shall reduce runtime and the extend the service life.			
6.12	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.			
6.13	The centrifugal compressor should be driven direct through a helical gear type step-up transmission drive with a step-up ratio 2 to 1.			
6.14	Hydraulic shut off valves shall be provided at the suction, return, and filter lines to permit servicing of the hydraulic system.			
6.15	The drive shaft shall be supported via ball bearings and gears.			
6.16	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.			
6.17	The pump shall be mounted directly to the split-shaft transfer case. The pump will have a B10 life Rating of 10,000 hrs of continuous duty.			
6.18	The hydraulic motor powering the compressor shall be a bent axis, bi-directional motor. Motor speed shall not exceed 2,500 RPM.			
6.19	The hydrostatic drive system shall utilize electronic soft start speed control to manage ramping speed.			
6.20	The control system shall provide a mode selection switch to control the compression drive in low vacuum, combination mode and full vacuum settings.			
6.21	The gear drive should attach directly to the rotor shaft without the use of multiple stage V-belts or jack shafts.			
6.22	The gears and bearings shall be lubricated with a splash lubrication system, requiring no manual greasing.			
6.23	The drive system shall not utilize pillow block bearings that require excessive daily greasing.			
6.24	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.			
6.25	The fan housings shall be isolated on rubber mounting supports.			
7.0	**VACUUM BOOM SYSTEM**			
7.01	Vacuum hose shall be designed for front operation with hose mounted and stored at front mounted			

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	workstation. Front mounted location is required for ease of positioning vacuum hose as well as minimizing need for operator to swing hose into traffic.			
7.02	All connections between debris body and vacuum system will be of the self-adjusting pressure fitting type.			
7.03	Vacuum hose will remain stationary and not rise with debris body.			
7.04	Upper debris tube shall consist of an anchored steel tube and elbow.			
7.05	A sub-frame mounted cab guard shall be mounted behind cab with boom rest cradle.			
7.06	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.			
7.07	One (1) quick clamp for each pipe supplied shall be provided.			
7.08	Boom pedestal shall be directly mounted to module subframe.			
7.09	Boom support used for travel mode shall not interfere with access or require removal to tilt hood forward.			
7.10	A control station shall be equipped with a control joystick for all directions as well as a safety emergency shut-down button, which shall automatically eliminate power to boom.			
7.11	The vacuum boom shall have a heavy-duty flexible hose assembly joining the transition pipe to the debris body, and a 70-degree elbow and 5-1/2’ heavy duty gum-lined hose at the suction end of the boom.			
7.12	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.			
7.13	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 shall be located at the front workstation in its retracted position, providing 324" maximum reach off the longitudinal axis of unit.			
7.14	A joystick for hydraulic control of the boom shall be installed on hose reel front panel.			
7.15	A removeable 4" diameter storage "Post" to stabilize the lower boom hose during transport. Storage device shall not interfere with raising hood.			
7.16	A belly pack cordless remote boom control system equipped to activate boom functions, throttle, water			

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	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, water level, compressor rpm, and engine information.			
7.17	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 hose for rotation			
7.18	A detailed engineering drawing must be supplied showing the relationship of the hose reel in relation with 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).			
7.19	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.			
8.0	**HOSE REEL**			
8.01	Hose reel assembly shall be direct frame mounted.			
8.02	The hose reel assembly shall mount to a heavy-duty slewing bearing mounted to an independent telescoping frame that can be removed from brackets attached permanently to front of main truck frame members.			
8.03	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.			
8.04	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.			
8.05	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.			
8.06	Hose reel shall be driven by adjustable gear reduction chain and sprocket assembly. Hose reel shall be driven by adjustable gear reduction chain and sprocket assembly.			
8.07	Hose reel shall operate at full rotational speed while chassis engine is at idle.			

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8.08	Hydraulic Telescoping Rotating Hose Reel - 800' capacity of 1" hose shall be provided.			
8.09	The front mounted hose reel shall telescope 15" forward down centerline of truck. Power from this feature will come from a hydraulic pump and a “back up” manual jack.			
8.10	In order to minimize the movement and potential for damage of the high-pressure water feed line to the hose reel assembly, a rotating swivel joint that is adjustable and rebuildable shall be used at both the vertical and horizontal rotation points of the hose reel assembly.			
8.11	Entire reel assembly shall rotate 270 degrees on a large diameter ball bearing.			
8.12	Hose reel shall include a dual locking device to positively lock reel in any position across operating range.			
8.13	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.			
8.14	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. The hose reel control panel shall be mounted to the hose reel frame and shall rotate with the hose reel assembly.			
8.15	Primary operator station shall be located at the hose reel.			
8.16	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, LCD monitor, hydraulic oil temp, and E-Stop.			
8.17	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.			
8.18	Controls shall be accessible on both sides of the hose reel via a mounting station for the belly pack wireless remote control, allowing operator to work at			

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	either side of unit for safety purposes.			
8.19	600' x 1" Vactor-P Sewer Hose / 2500 Psi shall be provided			
8.20	An automatic hose level wind scroll device shall be supplied. Level wind rollers shall have an adjustable height. An air-cylinder actuated pinch-roller shall exert downward pressure across full width of reel to retain hose on reel when encountering nozzle blockages. Pinch roller must be activated via a one touch, backlit button with lighted feedback on the control panel.			
8.21	Digital footage counter displaying footage values shall be provided with large easy to read values located on the 7” front control panel screen. System must be capable of resetting value to ensure operator safety. Accuracy Must be Within One Percent of Actual Distance.			
8.22	1” x 10' Leader Hose			
8.23	Hose reel shall “Free Spool” when activated via a one touch, backlit button with lighted feedback on the control panel.			
9.0	**WASHDOWN EQUIPMENT**			
9.01	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.			
9.02	Fan Flush out system, ball valve control, and plumbing to wash fan and housing with high pressure quick connect fittings shall be provided.			
9.03	Cyclone Wash out system, ball valve control, and plumbing to wash cyclones with high pressure quick connect fittings shall be provided.			
10.0	**FRONT OPERATING STATION AND CONTROLS**			
10.01	Primary operator station will be located at front of hose reel.			
10.02	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. All operations shall position operator in front of vehicle affording protection from oncoming traffic.			
10.03	Station shall include a 7” Touch enabled display screen with corresponding tactile buttons for reading			

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	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 rocker 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.			
10.04	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 function of the boom including up/down, left/right, and extend/retract. There shall be a E-Stop button to bring all machine functions to an idle, disengage PTOs, and open vacuum relief.			
10.05	Tachometer and hour meter for chassis engine provided at control station shall be provided.			
10.06	Tachometer and hour meter for Centrifugal compressor at control station shall be provided.			
10.07	All Hydraulic Functions - Color Coded, Sealed Electric/Hydraulic NEMA 4 switches shall be provided.			
10.08	Fan Engagement/Vacuum Relief - Sealed Electric/Air NEMA 4 Switch shall be provided.			
10.09	Water pump hour meter shall be provided.			
10.10	PTO hour meter shall be provided.			
10.11	A high hydraulic temperature light and alarm shall be provided. Light and alarm will be activated when hydraulic temperature reaches 180 F. The hydraulic system shall be disabled if the hydraulic oil temperature reaches 200 degrees F.			
10.12	Front control screen shall display a water level indicator to show level of water through the range of the tank.			
11.0	**IN CAB CONTROLS**			
11.01	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			

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	ready) buttons on the sides of the screen as well as feature touch screen operation.			
11.02	All Back up camera Features shall be displayed on the In Cab Control Screen.			
11.03	All work lights shall be able to be activated or deactivated in cab with on screen controls.			
11.04	Arrowboard shall be able to be activated or deactivated in cab with on screen controls.			
11.05	All safety strobes and beacons shall be controlled via on screen controller			
11.06	Jet or Combo mode shall be activated via one touch button on the control panel. Control screen must display an on-screen representation of the chassis drive system and must animate to show as drive systems activate or deactivate.			
11.07	Recirculation must be activated on the in-cab control screen and visibly show that it is active at all times, displaying real time flow in gpm and pressure in psi.			
12.0	**ELECTRICAL & SAFETY LIGHTING**			
12.01	The entire system shall be vapor sealed to eliminate moisture damage, "Nema-4" type or equal.			
12.02	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. E-Stop activation must turn off rodder pump, shutdown Hydraulics, set chassis throttle to idle, stop vacuum. E-stop must be located at each operator interface; including hose reel controls, pendant control, wireless control (if equipped) 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.			
12.03	Logs, reports, and hour meters will be accessible via the display.			
12.04	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.			
12.05	All wiring shall be color-coded and encased in conduit to scaled terminal boxes with circuit breakers.			
12.06	All other lights required by State and Federal Laws.			
12.07	Operator station shall have back lit buttons for low light operation.			
12.08	(2) L.E.D. Boom work lights shall be provided.			

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12.09	(2) L.E.D. Rear Door work lights shall be provided			
12.10	L.E.D. Lights, Clearance, Back-Up, Stop, Tail & Turn shall be provided.			
12.11	FS - 14 Amber/White/Green LED Strobe Light System - 4 cab guard, 2 Mid-Ship, 4 Rear bumper, 4 rear door Mounted Oval Led Flash Strobes shall be provided. Each shall contain 6 LEDS			
12.12	A LED arrowstick shall be installed at the rear of the unit to provide directional control for approaching traffic.			
12.13	All light bulbs shall be shock mounted to eliminate bulb failure.			
12.14	Individual circuits shall be protected with resettable circuit breakers housed in a conveniently located sealed junction box accessible from ground level.			
12.15	All power cables coming from the chassis batteries shall be fuse protected at the battery to provide maximum system protection.			
12.16	For serviceability, major components shall contain a Deutsch or Weather Pack type sealed connector within the wiring harness.			
12.17	Harnessed wiring shall be color coded and labeled by function for easy troubleshooting.			
13.0	**SAFETY EQUIPMENT**			
13.01	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.)			
13.02	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 manufacturer to maintain warranties.			
13.03	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.			
13.04	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.			
13.05	Rear work lights shall be activated upon engagement of reverse gear.			
13.06	(1) Emergency Flare Kit			
13.07	(1) 5# Fire Extinguisher.			
13.08	7" dash monitor, 1-camera system shall be provided. A rear back-up color camera with 130 deg viewing			

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	angle shall be provided. Camera to have automatic activation when the unit is switched to reverse.			
13.09	Digital water pressure shall be displayed in front LCD display. Pressure gauge shall be capable of displaying water system pressure in all pump operating modes.			
13.10	Electronic Back-Up Alarm			
13.11	One (1) complete set of parts and service manuals, including electrical and hydraulic schematics shall be furnished at time of delivery.			
13.12	One (1) sets of operator manuals shall be furnished at the time of delivery including a safety training video. A USB Flash Drive Shall be furnished with a digital copy of all manuals and videos.			
14.0	**SEWER TOOLS AND ACCESSORIES**			
14.01	(1) Dual Degree, Super Flusher Nozzle, tungsten carbide inserts			
14.02	(1) P-15 Penetrator Nozzle, tungsten carbide inserts			
14.03	(1) Dual Degree, Power Cleaner Nozzle, tungsten carbide inserts			
14.04	(1) 1" Small finned nozzle pipe skid			
14.05	(1) Flexible hose guide with restraining rope for protection of rodder hose.			
14.06	Hydrant Wrench			
14.07	The nozzles shall be labeled with size/flow. Nozzles provided shall have tungsten carbide or ceramic replaceable jets.			
14.08	One (1) WGR, 1” Warthog Magnum Nozzle. Controlled rotational nozzle with plugged forward jets, 2 plugged side descaling ports, replaceable skids, tungsten carbide inserts, and 1 year warranty. Substitutions will not be acceptable.			
14.09	(1) 90-degree aluminum elbow with cam-lock fittings, 4”			
15.0	**VACUUM TOOLS AND ACCESSORIES**			
15.01	The basic vacuum tube package shall include the following:			
15.02	(1) 8" x 3' aluminum pipe			
15.03	(2) 8" x 5' aluminum pipe			
15.04	(1) 8" x 6'6" catch basin tube			
15.05	(4) 8" quick clamps			
16.0	**CHASSIS EQUIPMENT AND STORAGE**			
16.01	Two (2) front tow hooks shall be provided.			
16.02	Two (2) rear tow hooks shall be provided.			
16.03	Aluminum Toolbox - Behind Cab 16”w X 36”h x 96”d			
16.04	(1) 48" x 20" x 12" Aluminum Toolbox Mounted street side shall be provided.			
16.05	(1) Aluminum Toolbox with nozzle storage and dump			

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	controls mounted curbside shall be provided.			
16.06	(2) 18 In. x 16 In. x 12 In. Aluminum Toolboxes at the Front Bumper shall be provided. An amber LED strobes shall be installed in each toolbox. Toolbox doors shall be spring-loaded to position strobes side or forward facing.			
16.07	Storage locations for various tools and accessories shall be provided at the front hose reel for point of use storage.			
16.08	Aluminum fenders shall be provided to prevent rust and corrosion.			
16.09	Rear Axle Mud Flaps			
17.0	**MODULE FINISH**			
17.01	Painting of the module shall be with a DuPont Imron Elite Polyurethane Enamel Top Coat. Application is to be a wet top coat applied to a dried and sanded primer base.			
17.02	The color of the body should match the cab and chassis.			
17.03	Components not constructed from aluminum or stainless steel shall be painted or powder coated black.			
18.0	**MODULE WARRANTY**			
18.01	The following warranties shall apply: 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 extended warranty on Vactor Manufacturing's standard limited warranty on water pump. 1-year standard warranty on all other module components, including parts and labor, with no additional costs for transportation, lodging, meals, etc.			
19.0	**CHASSIS SPECIFICATION**			
19.01	The unit shall be a new model. No discontinued models will be accepted			
19.02	The unit shall be equipped with an International HV607 Conventional Cab Chassis, or equal			
19.03	The unit shall be equipped with a diesel engine, turbo charged and after cooled, with a Cummins L9; 370 HP @ 2100 RPM, 1250 LB/FT @ 1200 RPM			
19.04	Set Back Front Axle			
19.05	The unit shall be equipped with an Allison 3000 RDS Automatic Transmission with dual PTO Provision			
19.06	The unit shall be equipped with a Meritor MFS-20-133A 20,000# Wide Track, I-Beam Type Single Front			

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	Axle			
19.07	The unit shall be equipped with a 20,000# parabolic taper leaf, shackle type suspension with shock absorbers			
19.08	Full Outer C-Channel Frame, Heat Treated Alloy Steel (120,000 PSI Yield), 10.813" x 3.892" x 0.312" (274.6mm x 98.8mm x 7.9mm), 480.0" (12192mm) OAL			
19.09	Base Chassis, Model HV607 SBA with 238.00 Wheelbase, 170.90 CA, and 37.00 Axle to Frame.			
19.10	AXLE, REAR, SINGLE {Dana Spicer S26-190D} Single Reduction, 26,000-lb Capacity, Driver Controlled Locking Differential, R Wheel Ends . Gear Ratio: 5.57			
19.11	SUSPENSION, REAR, SINGLE 31,000-lb Capacity, Vari-Rate Springs, with 4500-lb Capacity Auxiliary Multileaf Springs			
19.12	DEF TANK 9.5 US Gal (36L) Capacity, Frame Mounted Outside Left Rail, Under Cab			
19.13	FUEL TANK Polished Aluminum, 26" Dia, 100 US Gal (379L), Mounted Left Side, Under Cab			
19.14	ARM REST, RIGHT, DRIVER SEAT			
19.15	ARM REST, LEFT, PASSENGER SEAT			
19.16	CAB REAR SUSPENSION Air Bag Type			
19.17	WHEELS, FRONT {Accuride 29374} DISC; 22.5x12.25 Rims, Extra Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs			
19.18	WHEELS, REAR {Accuride 42644} DUAL DISC; 22.5x8.25 Rims, Standard Polish Aluminum, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs			
19.19	(4) TIRE, REAR 12R22.5 Load Range H HDR2+ (CONTINENTAL), 479 rev/mile, 75 MPH, Drive			
19.20	(2) TIRE, FRONT 425/65R22.5 Load Range L HAC 3 (CONTINENTAL), 465 rev/mile, 68 MPH, All-Position			
19.21	The unit shall have power windows and locks			
19.22	The unit shall have air ride passenger and driver seats			
19.23	The unit shall have a tilting steering wheel			
19.24	The hood shall have quick access latches			
19.25	The unit shall have heated and power mirrors			
20.0	**DELIVERY**			
20.01	Within ten (10) days after delivery, the successful bidder shall provide a minimum of 2 hours of operator training and 2 hours for maintenance training. A training video (if available) shall also be provided upon delivery. Training to be completed at			

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	St Charles County.			
20.02	Two (2) sets of keys shall be provided at the time of delivery.			
20.03	Operator and Mechanic school admission for the St Charles County personnel shall be provided.			
20.04	All standard equipment as shown in the manufacture's most current brochures shall be included on this unit.			
20.05	Delivery will be F.O.B. to St Charles County Central District Maintenance Facility, 2480 St. Peters Howell Road, St. Peters, MO.			

Location of warranty service center:_____

_____

Value of OEM parts at this facility: $_____

Years of servicing equipment being bid:_____**Years**

Number of factory qualified service technicians:_____

All responses 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.

The County desires to trade in the vehicle listed below:

TRADE – IN UNITS

Truck #304 - 2001 Freitghtliner FL 80 Truck Mounted Dual Engine Sewer Cleaner
VIN: 1FUABXAK12HJ67208 w/ approx. 36,447 miles, 500 hours on power unit

(The unit has not been in use since 2019, repairs to the vacuum/flush systems may be needed)

The County reserves the right to accept either the base price bid or the bid price after the trade-in. Trade-in unit may be inspected at our Western District Facility, located at 121 Freymuth Rd., Wentzville, MO from 7:00 am until 3:30 pm, Monday to Thursday. Call ahead for appointment. 636-332-6036.

The bid must include an anticipated delivery date of the truck.

The bids are scheduled to be awarded at the June 27th Council meeting. Please take this into consideration when submitting your bid.

Proposal Response from (please complete)

_____

Name of Company or individual

Exception Sheet

If the item(s) and/or services proposed in the response to this bid is in any way different from that contained in this proposal or bid, the bidder is responsible to clearly identify all such differences in the space provided below. Otherwise, it will be assumed that the bidder's offer is in total compliance with all aspects of the proposal or bid.
Below are the exceptions or differences to the stated specifications (attach additional sheets as needed):

Date: _____

Signature: _____

Title: _____

Company: _____

Proposal Response from (please complete)

_____

Name of Company or individual

BID FORM

IFB 22-082

Truck Mounted Combination Sewer Cleaner

_____

(Bidder name)

Submits the following bid for this project:

Module Manufacturer: _____

Module Model Year: _____

Chassis Manufacturer: _____

Chassis Model Year: _____

Price for (1) One Truck Mounted Sewer Cleaner: **$**_____

Trade in allowance for:

County Truck #304 **$**_____

Net Price (One (1) new truck less trade-in) **$**_____

Estimated delivery time from date of order ____ days

_____ _____

Authorized signature **Date**

Proposal Response from (please complete)

_____

Name of Company or individual

THIS FORM MUST BE COMPLETED AND ENCLOSED WITH THE BID

Audit Clause for Contracts

Examination of Records

The Contractor's records must include, but not be limited to, accounting records (hard copy, as well as computer readable data), written policies and procedures, subcontractor files, indirect cost records, overhead allocation records, correspondence, instructions, drawings, receipts, vouchers, memoranda, and any other data relating to this contract shall be open to inspection and subject to audit and/or reproduction by the County Auditor, or a duly authorized representative from the County, at the County's expense. The contractor must preserve all such records for a period of three years, unless permission to destroy them is granted by the County, or for such longer period as may be required by law, after the final payment. Since the Contractor is not subject to the Missouri Sunshine Law (Chapter 610, RSMo), information regarding the Contractor's operations, obtained during audits, will be kept confidential.

The Contractor will require all subcontractors under this contract to comply with the provisions of this article by including the requirements listed above in written contracts with the subcontractors.

Vendor Information

Company Name: _____

Business Address: _____

_____

Business Hours: _____

Phone: _____ Fax: _____

Email address: _____

Contact Person: _____

Authorized Signature: _____
(Indicates acceptance of all bid terms and conditions)

Date: _____

Proposal Response from (please complete)

_____
Name of Company or individual

AFFIDAVIT OF WORK AUTHORIZATION

The bidder/contractor who meets the section 285.525, RSMo definition of a business entity must complete and return the following Affidavit of Work Authorization.

Comes now _____ **(Name of Business Entity Authorized Representative)** as _____ **(Position/Title)** first being duly sworn on my oath, affirm _____ **(Business Entity Name)** is enrolled and will continue to participate in the E-Verify federal work authorization program with respect to employees hired after enrollment in the program who are proposed to work in connection with the services related to contract(s) with the County for the duration of the contract(s), if awarded in accordance with subsection 2 of section 285.530, RSMo. I also affirm that _____ _____ **(Business Entity Name)** does not and will not knowingly employ a person who is an unauthorized alien in connection with the contracted services provided to the contract(s) for the duration of the contract(s), if awarded.

In Affirmation thereof, the facts stated above are true and correct. (The undersigned understands that false statements made in this filing are subject to the penalties provided under section 575.040, RSMo.)

_____ _____

Authorized Representative's Signature **Printed Name**

_____ _____

Title **Date**

_____

E-Mail Address

Subscribed and sworn to before me this _____ of _____. I am
(DAY) **(MONTH, YEAR)**

commissioned as a notary public within the County of _____, State of
(NAME OF COUNTY)

_____, and my commission expires on _____.
(NAME OF STATE) **(DATE)**

_____ _____

Signature of Notary **Date**

EXHIBIT A

Proposal Response from (please complete)

_____

Name of Company or individual

ST. CHARLES COUNTY
DOMESTIC PRODUCTS PROCUREMENT ACT (BUY AMERICAN)

The Missouri Domestic Products Procurement Act (34.350-34.359 RSMo) requires that for all bids with a value of $25,000 or more, the goods or commodities purchased by any public agency (which definition includes all political subdivisions of the State, including counties) or used or supplied in the construction, alteration, repair, or maintenance of any public works must be **manufactured or produced** in the United States. As defined in 34.350 RSMo, United States means the United States of America, the District of Columbia, and all territories and possessions subject to the jurisdiction of the United States. The law also requires that the bidder must provide proof of compliance. **Note: In general, if an import tariff is applied to an item, it does not qualify for the Buy American preference. In addition, Most Favored Nation status does not allow application of the preference.**

Section A – All Products Are Manufactured or Produced In U.S.
If all products bid qualify as domestic products under Missouri law, complete only Section A.

I hereby certify that all products qualify as domestic, that the information provided is true and correct, and complies with all provisions of Sections 34.350-34.359 RSMo. I understand that any misrepresentation herein constitutes the commission of a class A misdemeanor pursuant to Section 34.355 of the Revised Statutes of Missouri.
SIGNATURE
COMPANY NAME

If Section A is completed, do not complete Section B.

Section B – Only One Product Line or No Products Are Manufactured or Produced In U.S.
If only one product line or no products are manufactured or produced in the U.S. complete only section B.

I hereby certify that there is only one product line or no product manufactured or produced in the U.S., that the information provided is true and correct, and complies with all provisions of Sections 34.350-34.359 RSMo. I understand that any misrepresentation herein constitutes the commission of a class A misdemeanor pursuant to Section 34.355 of the Revised Statutes of Missouri.
SIGNATURE
COMPANY NAME

Section C – Products May Qualify Because of Qualifying Treaty
If some or all products bid qualify for domestic status because of a trade treaty, etc., then the bidder must identify each product, country and qualifying treaty, etc. below. The bidder must list ALL products which are or may qualify as domestic below. If more space is needed, please copy this form and submit as an attachment.

BID ITEM NUMBER(S)	COUNTRY WHERE MANUFACTURED OR PRODUCED	QUALIFYING TREATY, LAW, AGREEMENT, OR REGULATION

SECTION C

I hereby certify that the specific items listed above are domestic, that the information provided is true and correct, and complies with all provisions of Sections 34.350-34.359 RSMo. I understand that any misrepresentation herein constitutes the commission of a class A misdemeanor pursuant to Section 34.355 of the Revised Statutes of Missouri.

SIGNATURE
COMPANY NAME

Proposal Response from (please complete)

_____
Name of Company or individual