

INVITATION TO BID



**CITY OF RINGGOLD
PURCHASING
P.O. BOX 579
150 TENNESSEE STREET
RINGGOLD, GA 30736**

ITB# 20-002

FOR: 2019 or Newer Unused Combination Sewer Truck

OPENING DATE: February 19, 2020

TIME: 2:00 P.M. EST

**PLACE: Ringgold City Hall
150 Tennessee Street
Ringgold, GA 30736**

BID SPECIFICATIONS

Bidders shall be prepared to give a complete demonstration of the merits of the machines offered as directed by the purchaser. The machines so demonstrated shall be complete as offered by the bidder for this bid.

Awards will be made to the best responsible bidder as determined by the City of Ringgold. The quality of the articles to be supplied, their conformity with the specifications, their suitability to requirements and delivery terms shall be taken into consideration.

If there are any of these standards in which proposed machine does not meet, please provide the description of lacking standard with the machines design standard.

The proposal for this vehicle should include:

New and unused Compact Sewer Truck:

Chassis Specifications

Yes **No**

		2019 or newer 108 SD Freightliner 4X2 Auto
		Front: 20,000 lbs. Rear: 30,000
		Transmission: Automatic: Allison 3,000 RDS wit PTO provision
		Engine: Diesel: CUM ISL 370 HP @2,000 RPM, 2,100 GOV RPM, 1,250 Lb/Ft @ 1,400 RPM
		Chassis 2017 EPA compliant
		Governor: PTO Governor Ramp Rate- 200 RPM
		Air Compressor: Cummins Turbo Charged 18.7 CFM with internal safety switch
		Allison 10 bolt PTO upgrade
		Muffler/Tailpipe: aftertreatment, under step mounted
		Exhaust System: Single, vertical tailpipe and guard
		Switch, Exhaust: Cummins exhaust brake integral with variable geometry turbo with on/off dash switch
		Transmission Shift Control: push button, electronic, dash mounted
		Brakes front: Air cam, Meritor 16.5x6 Q+ cast Spider cam
		Brakes rear: Air cam, Meritor 16.5x6 Q+ cast Spider cam rear brakes, double anchor, fabricated shoes
		Power steering: 4-quart steering reservoir
		Suspension, RR, Spring 2.25" Axle Spacer
		Suspension, Rear, single: 30,000 lbs capacity, standard U-bolt pad, fore/aft control rods
		Parking valve brake: for truck, standard
		Fuel tank: 100-gallon capacity
		Glass: All windows tinted

		Grab handle: LH and RH sides
		Front End: Fiberglass hood
		Mirrors: Dual West Coast door mounted, LH and RH 8" molded in color convex mirrors mounted under primary mirrors
		Cab: conventional, opal gray, vinyl
		Arm Rests: LH and RH integral door panel
		Clearance/Marker Lights: LED aerodynamic marker lights
		Cup holders: 2 cup holders, LH and RH dash
		Dome Light: 3-way switch activated by LH and RH doors
		Seat, Driver: basic high back air suspension seat with mechanical lumbar and integrated cushion extension
		Seat, passenger: basic high back, non-suspension seat
		Seat belt: 3-point fixed D-ring retractor
		Air Conditioner: heater and defroster
Yes	No	
		HVAC: standard HVAC ducting
		Floor Covering: black mats with single insulation
		Radio: AM/FM/WB radio with front auxillary input, dash mounted
		Antenna: mounted on forward LH roof
		Speakers: 2 speakers in cab
		Cruise Control: Electronic with switches in LH switch panel
		Gauge cluster: low air pressure light and buzzer, 2" electric fuel guage, electric engine oil pressure, electronic 3,000 rpm tachometer, voltage display, odometer display (trip, hour, diagnostic, 26 warning lamps)
		Paint: L0006EB White Elite, high solids polyurethane chassis paint
		Extended Warranty: towing extended/roadside service warranty, 2 year
		Chassis painted factory white

Comments for Chassis Specifications:

Bidder shall fully describe every variance, exception, and/or deviation. If none, please enter "NONE"

Specifications -Combination Sewer Cleaner

General:

Yes	No	
		<p>This machine is capable of removing stones, grit, grease, sludge and other debris from sanitary sewer and/or storm drain lines by the flushing action of high-pressure water. The high-pressure sewer cleaner operates independent of the vacuum system. The machine includes an air conveying vacuum system to provide for the simultaneous removal of the debris flushed to the manhole by the high-pressure water system or the removal of debris from sewers, sumps, catch basins, digesters, wet wells, bar screens, etc. The machine is capable of being operated by one man, with all operating controls for high pressure water pump, hose reel, and vacuum, located at the front of the machine for safety.</p> <p>In all cases the completed machine must conform to all federal, state, and local laws applicable to this type of equipment. All components of the machine shall be powered by the chassis engine Bidders are required to state their compliance to these specifications by checking either yes or no after each line and listing all deviations, exceptions, and exclusions at the end of each section.</p>

Comments for General Specifications:

Bidder shall fully describe every variance, exception, and/or deviation. If none, please enter "NONE"

Debris Body

Yes	No	
		Debris storage body of 4-yard capacity or greater
		6-inch diameter liquid knife valve located at the rear of the tank
		Rear door debris deflector
		10 feet of 6 inch lay flat hose
		Rear door safety prop
		Minimum of three externally mounted hydraulic lock/unlock debris door locks
		One manual debris door lock
		Internal stainless-steel screen filter
		Hydraulic up/down lift of debris body
		Mechanical internal polyethylene/Aluminum/Stainless float level gauge with external indicator
		Five-year warranty of debris body
		Minimum 3/16 " high strength steel tank
		All pivot points of the dump system shall have grease fittings
		No hydraulic components located inside the debris tank
		Internal tank flush out system

Comments for Debris Body Specifications:

Bidder shall fully describe every variance, exception, and/or deviation. If none, please enter "NONE"

Vacuum System

Yes	No	
		Rotary Positive Displacement pump with minimum capacity of 3,000 cfm at 18" of vacuum
		Chassis engine to provide power for vacuum pump direct coupled to transfer case
		Quick removal cleanout for separator
		Stainless steel screen element filter
		Vibration isolation mounts for blower
		Kunkle vacuum relief valves installed
		External air operated vacuum relief valve controlled from front operator's station
		Vacuum breaker shuts down 100% of vacuum operation
		Front loading vacuum hose
		8-inch boom mounted hose with 18 feet of vertical lift by dual hydraulic cylinder, controlled by electric over hydraulic joystick at the operator's station in front of vehicle
		Minimum 180-degree boom rotation
		Hydraulic telescoping boom minimum of 8 feet
		External pendant controller for boom, vacuum breaker, chassis throttle, and debris body functions
		Wireless controller which controls vacuum and pick up hose controls
		(2) 6' aluminum pipe extension, (2) 5' aluminum pipe extension, 6.5 ' catch basin nozzle, (2) 3' aluminum pipe extension, 8 spare quick clamps

Comments for Vacuum System Specifications:

Bidder shall fully describe every variance, exception, and/or deviation. If none, please enter "NONE"

Water Supply

Yes	No	
		Minimum usable capacity of 1,200 gallons
		Triplex or positive displacement water pump capable of 50 gpm at 2500 psi
		Crosslink between tanks
		2 1/2-inch x 25 feet hydrant hose with supplied hydrant wrench
		Anti-siphon fill device
		Sight gauge to indicate water level
		Water tanks have lower protection of minimum 11-gauge steel mounted below water tanks
		Water tanks to carry minimum 10-year replacement warranty
		Stainless steel water tanks

Comments for Water Supply Specifications:

Bidder shall fully describe every variance, exception, and/or deviation. If none, please enter "NONE"

High Pressure Water Pump

Yes	No	
		Water pump rated to deliver smooth continuous pressure and flow through the entire system and flow range for both high pressure and hand gun
		Continuous duty flow of 50 GPM at 2,500 psi
		High pressure relief valves for both high pressure and hand gun systems
		Operates independently of vacuum system
		Water pump is capable of running dry
		Controls for start/stop, varying flow and pressure located at operator's station
		High pressure system is equipped with cold weather drain
		Positive Displacement or Triplex pump
		High pressure water system carries 5-year replacement warranty
		Transfer case driven

Comments for High Pressure Water Pump Specifications:

Bidder shall fully describe every variance, exception, and/or deviation. If none, please enter "NONE"

Hose Reel Assembly and Jet Hose

Yes	No	
		Hose reel assembly mounted to front of vehicle
		Hydraulically operated reel forward and reverse with adjustable speed control
		Hydraulic hoses protected from reel operation and provides safe operation by operator
		180-degree reel articulation
		600 feet ¾ inch Pirhana brand jet rodder hose rated for 3,000 psi working pressure and 7,500 psi burst pressure
		Heavy duty hose guide with 25 feet of nylon rope
		Hose reel auto feed (worm gear-level winder)
		Hose reel operates from 0 to 180 degrees
		Hose reel operates without outrigger support legs
		Digital footage counter installed on reel at operator's station
		Hydraulic reel speed controls at operator's station
		Variable water pressure controls located at operator's control
		Zerk grease fittings for all bearing and pivot point

Comments for Hose reel assembly and Jet hose Specifications:

Bidder shall fully describe every variance, exception, and/or deviation. If none, please enter "NONE"

Manhole Cleaning Water System (Hand Gun)

Yes	No	
		Smooth continuous flow of minimum 10 GPM at 2500 psi
		Hand gun pressure relief valve
		Functioning hand gun, replaceable nozzle tip, 12-inch extension, adjustable spray, 50 feet of ½ inch hose, and retractable reel
		Quick couple system to high pressure water system

Comments for Manhole Cleaning Water System (Hand Gun) Specifications:

Bidder shall fully describe every variance, exception, and/or deviation. If none, please enter “NONE”

Operator’s Station

Yes	No	
		Vacuum pump operation and hour meter
		Hydraulic pressure gauge
		Water pressure gauge
		Low water alarm
		Boom Joystick control and remote pendant
		Hose reel speed and direction control
		Water pump control and hour meter
		Hose reel position brake
		Electric chassis engine throttle
		Water pressure and flow control
		Control panel light
		Vacuum breaker control
		Emergency stop button
		Auxiliary boom mounted work light control switch

Comments for Operator’s Station Specifications:

Bidder shall fully describe every variance, exception, and/or deviation. If none, please enter “NONE”

Hydraulic system and lubrication

Yes	No	
		Minimum 55-gallon hydraulic fluid system
		Hydraulic system main shut off valve
		Hydraulic system pressure relief valve(s) and pressure gauges
		Remote plumbed grease fittings for vacuum compressor, boom rotation, and water pump drive
		Hydraulic fluid radiator with thermostat controlled electric fan
		Hydraulic spin on filter
		Hydraulic pump mounted to transfer case and produce a minimum of 20 gpm at 2,000psi

Comments for Hydraulic system and lubrication Specifications:

Bidder shall fully describe every variance, exception, and/or deviation. If none, please enter “NONE”

Blower

Yes	No	
		Tri-lobe Positive Displacement Hibon or Roots
		Transfer case driven
		Minimum 3000 cfm @ 18”
		Remote plumbed grease fittings for vacuum compressor
		Stainless blower filter

Comments for Blower system:

Bidder shall fully describe every variance, exception, and/or deviation. If none, please enter "NONE"

Accessories

Yes	No	
		(2) side mount tool boxes (aluminum)
		Debris body flush out system
		Air purge system
		Water tank drains
		Pipe rack storage (for aluminum suction pipes) capable of holding total 40 feet on truck
		3/4" x 15-foot leader hose
		Front bumper tool box (aluminum)
		Water pump remote oil drain
		Remote debris tank grease zerk fittings
		Cone storage rack
		LED boom mounted flood light controlled at operators' station
		One day operator training, maintenance manual, and operational video
		Delivery
		Front bumper
		Rear tow hooks
		Mud flaps for rear tires
		Back up alarm
		Hose protector (tiger tail hose guide)
		Manufacturers one-year limited warranty from the date of delivery
		Wiring diagram of the unit furnished with the completed unit
		KEG nozzles or equal (Tier 3 Egg Devastator, Tier 3 Royal Nozzle, Tier 3 Cleaning nozzle)

Comments for accessories Specifications:

Bidder shall fully describe every variance, exception, and/or deviation. If none, please enter "NONE"

Delivery

Yes	No	
		This unit shall be delivered to 761 Sparks Street Ringgold GA 30736
Days		State number of days until delivery after receipt of purchase order

Comments for Delivery:

Bidder shall fully describe every variance, exception, and/or deviation. If none, please enter "NONE"

PROPOSAL

We have examined the specifications and agree to furnish the City of Ringgold with the equipment/services accordingly. Any deviations from the specifications will be marked exception on the bid sheet.

We propose to furnish City of Ringgold with said equipment/service for:

Equipment manufacture and model proposed:

TOTAL BID COST FORMAT

Purchase Price: \$ _____

Delivery Date : _____

COMPLY TO ALL SPECS: _____ YES _____ NO

ANY EXCEPTIONS ARE TO BE NOTED: _____

Bids shall be submitted in a sealed opaque envelope and shall be marked on the outside with the name of the submitting company, the words “SEALED BID – Combination Sewer Truck”. Any deviation from the requirements set forth for the labeling of the bid envelopes shall result in said bid being returned to the bidder unopened and any such bid shall not be considered.

Sealed bids shall be addressed to the attention of Nicki Lundeen and mailed to the City of Ringgold, P.O. Box 579, Ringgold, GA 30736 or hand delivered to Ringgold City Hall at 150 Tennessee Street, Ringgold, Georgia. Any questions need to be directed to Mark Vaughn, Sewer Department Director, 423-242-8251. All bids shall be received on or before the above designated date and time. Any bid received after this date and time shall not be accepted. Bids shall be typed or submitted in ink. Bids will be opened and read publicly. Bids are legal and binding upon the bidder when submitted.

It is understood that this contract, if accepted by the City of Ringgold, is entered into solely for the convenience of the City and in no way precludes the City from obtaining like goods from other suppliers upon prior approval of the City Manager. Such approval shall be made at the sole discretion of the City of Ringgold and shall be conclusive.

The City of Ringgold reserves the right to accept or reject any or all bids for any reason, to waive technicalities, and to make an award deemed in its best interest. The City of Ringgold shall have the right to delete a unit item from the bid if necessary or proper in the sole determination of the City of Ringgold.

We certify that our bid meets the minimum requirements as specified in bid documents, this ____ day of _____.

AUTHORIZED SIGNATURE

TITLE

PRINTED NAME OF SIGNATURE

COMPANY

ADDRESS

CITY/STATE/ZIP CODE

TELEPHONE NUMBER

FAX NUMBER

EMAIL ADDRESS: _____

Contractor Affidavit under O.C.G.A. §13-10-91(b)(1)

By executing this affidavit, the undersigned contractor verifies its compliance with O.C.G.A. §13-10-91, stating affirmatively that the individual, firm or corporation which is engaged in the physical performance of services on behalf of the City of Ringgold, Georgia has registered with, is authorized to use and uses the federal work authorization program commonly known as E-Verify, or any subsequent replacement program, in accordance with the applicable provisions and deadlines established in O.C.G.A. §13-10-91. Furthermore, the undersigned contractor will continue to use the federal work authorization program throughout the contract period and the undersigned contractor will contract for the physical performance of services in satisfaction of such contract only with subcontractors who present an affidavit to the contractor with the information required by O.C.C.A. §13-10-91(b). Contractor hereby attests that its federal work authorization user identification number and date of authorization are as follows:

Federal Work Authorization User Identification Number

Date of Authorization

Name of Contractor

Name of Project

Name of Public Employer

I hereby declare under penalty of perjury that the foregoing is true and correct.

Executed on _____, ____, 202__ in _____ (city), _____ (state).

Signature of Authorized Officer or Agent

Printed Name and Title of Authorized Officer or Agent

SUBSCRIBED AND SWORN BEFORE ME
ON THIS THE ____ DAY OF _____, 202__.

NOTARY PUBLIC

