

RESOLUTION 22-182

**A RESOLUTION TO AUTHORIZE THE PURCHASE OF A VACTOR
2100I SEWER CLEANER FOR THE UTILITY DEPARTMENT
THROUGH SOURCEWELL**

WHEREAS, the City of Spring Utility Department desires to purchase a Vactor 2100I Sewer Cleaner Truck from Sansom Equipment as a Sourcewell vendor of which the City is a member; and

WHEREAS, the Vactor Truck will be utilized to clean sewer stoppages and complete routine maintenance throughout the Sewer System; and

WHEREAS, the Vactor truck will be operated by current staff; and

WHEREAS, the total cost is \$432,484.00 and was budgeted in FY 2023 budget; and

WHEREAS, funding for the purchase of the sewer cleaner truck will be expensed in the 2022-2023 budget year from 410-52211-900

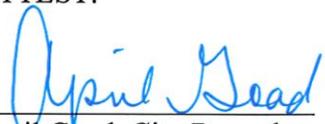
NOW, THEREFORE, BE IT RESOLVED, that the City of Spring Hill Board of Mayor and Aldermen authorizes the purchase of the Vactor 2100I Sewer Cleaner at a total cost of \$432,484.00.

Passed and adopted by the Board of Mayor and Aldermen of the City of Spring Hill, Tennessee, on the 6th day of September, 2022.



Jim Hagaman, Mayor

ATTEST:



April Goad, City Recorder

LEGAL FORM APPROVED:



Patrick Carter, City Attorney



REQUEST: **Approval of Resolution 22-182**

SUBMITTED BY: **Jessica Weaver, Utility Director**

DATE: **September 6th, 2022**

RE: **To approve purchase of Vactor 2100I Sewer Cleaner Truck from Sansom Equipment through Sourcewell vendor which the City is a member**

ATTACHMENTS:

PURPOSE:

To approve Resolution 22-182 to approve purchase of Vactor 2100I Sewer Cleaner Truck from Sansom Equipment through Sourcewell vendor which the City is a member.

BACKGROUND:

The City of Spring Hill currently utilizes one sewer cleaner truck for cleaning sanitary sewer lines and stormwater lines. With the growth of the City, it is becoming increasingly difficult to complete necessary routine maintenance on both sanitary sewer lines and stormwater lines with only one vac truck. The current truck has been in service for over 10 years and beginning to have mechanical issues.

FINANCIAL IMPACT:

This will be funded from FY 2023 budgeted funds at a cost of \$432,484.00 from Sansom Equipment through Sourcewell which the City is a member..

STAFF RECOMMENDATION:

Staff recommends approval of Resolution 22-182 to approve purchase of Vactor 2100I Sewer Cleaner Truck at a total cost of \$432,484.00



QUOTE

QUOTE # SECQ4088
 DATE Aug 22, 2022
 SOURCEWELL CUSTOMER ID # 37473
 SOURCEWELL CONTRACT # 101221-VTR

To: Jessica Weaver
 City of Spring Hill
 199 Town Center Parkway
 Spring Hill, TN 37174
 United States

Sales Contact: Danny Paladino
 615-856-0534
 danny@secequip.com

(931) 486-1265
 Jweaver@springhilltn.org

QUOTE STATUS	SHIPPING TERMS	DELIVERY IN DAYS	PAYMENT TERMS
	Customer Location		Net Delivery

QTY	DESCRIPTION
1	2100i PD, 16" Vacuum, 10 yrd Debris, Combo
1	6" Rear Door Knife Valve w/Camloc w/Port & Fixed Basket Screen, 6:00 position
1	6" Rear Door Knife Valve w/Camloc, 3:00 position
1	Centrifugal Separators (Cyclones)
1	Folding Pipe Rack, Curbside, 7" Pipe
1	Folding Pipe Rack, Streetside, 7" Pipe
1	Rear Door Splash Shield
1	Anti Splash Valve
1	Boom Out of Position Light/Alarm
1	Air Purge
1	Hot Shift Blower Drive (automatic Transmission)
1	Blower High Temp Safety Shutdown
1	Digital Water Level Indicator
1	80 GPM/2500 PSI
1	Debris Body Level Indicator
1	180 deg. 10' x 15' Rapid Deployment Boom

QTY	DESCRIPTION
1	Bellypack Wireless Controls with hose reel controls, 2-way communications, and LCD Display
1	Rotatable Boom Inlet Hose, 10 x 15 RDB
1	Cold Weather Recirculator, PTO Driven, 25 GPM
1	Additional Rodder System Accumulator
1	Debris Body Washout
1	700' x 1" Piranha Sewer Hose 2500 PSI in lieu of STD
1	Hose Wind Guide (Dual Roller), Auto, Indexing with Pinch Roller
1	Lateral Cleaning Kit w/150' Hose and Nozzle, 25 GPM/2000 PSI
1	Rodder Pump Drain Valves
1	Rear Directional Control, Signal Master LED Arrow Board, 10 Lights
1	10 Light Package, 10 Federal Signal Strobe Lights, LED
1	LED Mid-Ship Turn Signals
1	Worklights (2), LED, 10 x 15 RDB
1	Worklights (2), LED, Rear Door
1	Worklights (2), LED, Rear Door
1	Worklight, LED, Operators Station
1	Worklight, LED, Hose Reel Manhole
1	Worklight, LED, Curb Side
1	Camera System, Front, Rear and Both Sides
1	Safety Cone Storage Rack - Drop in Style
1	Toolbox, Behind Cab - 14w x 36h x 96d - with Lighting
1	Toolbox, Driver Side Subframe, 18w x 24h x 24d - with Lighting
1	Freightliner 114SD Chassis Vector Single Axle Heavy Duty
1	1" CHISEL POINT 80 GPM
1	1" AQUADRILL NOZZLE 80 GPM
1	1" PHANTOM GRENADE 80 GPM

QTY	DESCRIPTION
1	1" RADIAL - MUSTANG II 80 GPM
1	1" RADIAL - MUSTANG II 40 GPM
1	Warthog WG Package 40GPM
1	1" Warthog Recycled Water Control Clean Package 80 GPM
1	1" NOZZLE EXTENSION (8" PIPE AND LARGER) 4 RUNNERS
1	Cost adjustment
1	Freight

This quote does not include any federal, state, or local taxes.
 * In stock equipment are subject to prior sale. *

TOTAL \$432,484.00

This quote is valid for 30 Days.

Please contact me if I can be of further assistance.

BIRMINGHAM AL OFFICE

2800 Powell Avenue
 Birmingham, AL 35233
 Ph: (205) 324-3104
 Fax: (205) 324-2679

MOBILE AL OFFICE

2025 West I-65 Service Road North
 Mobile, AL 36618
 Ph: (251) 631-3766
 Fax: (251) 631-3768

SHELBYVILLE TN OFFICE

3196 Highway 231 North
 Shelbyville, TN 37160
 Ph: (615) 696-7066
 Fax: (615) 413-5323

STONECREST GA OFFICE

2601 S Stone Mountain Lithonia Road
 Stonecrest, GA 30058
 Ph: (706) 685-6900
 Fax: (706) 609-3491

THIS CHANGES
EVERYTHING.
AGAIN.



VACTOR[®]
2100i

THE NEW VACTOR® 2100i. SIMPLY BETTER.



intuitive. intelligent. innovative. individualized. incomparable.

These words describe the new Vactor 2100i. Add it all together and you have a machine that combines proven performance with a new level of simplicity and ease. With an emphasis on ergonomics, Vactor has engineered an array of innovations that together speeds work, reduces fatigue on your operators, and lets them focus on the work in front of them, not the machine behind them. Among the host of innovations you'll find on the 2100i are:

- New IntuiTouch™ single in-cab control screen for PTO/Transfer Case Activation that is as simple as pushing a button
- New IntuiTouch operator control station that features a singular, adjustable control panel for operator ease and comfort during all sewer cleaning functions
- New 7" easy-to-read screen at the operator's station to monitor critical data from the sewer cleaning system and chassis
- New optional wireless controls, including updated belly pack and handheld remotes featuring a view screen for monitoring key operational functions when working away from the truck
- New optional RDB 1015™ Rapid Deployment Boom telescopes out 10 feet and extends the debris hose down 15 feet minimizing the need for additional tubes, speeding and easing set-up and tear-down

The new 2100i is truly the evolution of a revolution that is not just easier to operate...it's easier on the operator

VACTOR 2100i. INTUITIVE IN EVERY WAY.

New IntuiTouch® one-touch in-cab controls redefine simplicity

- 7" touch screen control features backlit tactile buttons
- Includes controls and viewing screen for camera, lighting, recirculation and PTO/Transfer case activation
- One-Touch engagement to activate PTO and transfer case – allowing operators to gain control of all operational systems
- Operator can view the current operating mode, recirculation status, flows, pressures and more



New IntuiTouch control station puts all cleaning system functions into a single, simple control panel

- Articulating controls with up/down adjustment for individualized maximum comfort – articulation allows the control panel to adjust on a 90 degree arc for better access and screen visibility while operating the hose reel and boom
- All controls are consolidated into a single control panel including a 7" dashboard screen with glove-friendly tactile buttons featuring at-a-glance data for water pressure and flow, hose footage, chassis RPM, vacuum information, water level*, debris tank level* and more



- New, reliable touch buttons with backlit feedback enable the operator to know if a selected function is active
- The new hose reel joystick significantly improves response time and pays in and out in the direction of the hose reel
- The boom joystick has a telescoping feature built in, giving the operator full mobility with multiple direction boom movement for quicker set up
- Operators have full control of the water system via a single Multi-Flow control dial – enabling them to precisely match the flow and pressure to the job requirements
- E-stops located at all operator control points bring the unit to a safe condition to protect both the operator and the equipment

*Optional equipment

UP AND DOWN, FRONT AND BACK THE VACTOR 2100i OFFERS YOU GREATER OPERATING EASE AND EFFICIENCY.

- JetRodder® Water Pump

- Uniquely designed for sewer cleaning, the JetRodder Water Pump provides smooth continuous flows through its entire operating range – ranges available from 0 to 100 GPM and pressures up to 3000 PSI
- Easily activated, powerful “Jackhammer” action for long runs or difficult blockages
- The slow movements of its five moving parts make the Vactor JetRodder pump the industry leader in longevity and carefree maintenance

- Vactor’s Multi-Flow system lets operators set the flow at a lower rpm resulting in better fuel economy without sacrificing performance
- Vactor’s unique air-routing and filtration system get the work done faster, safer, and more productively
- All water valves are located in the same mid-ship control station, reducing the amount of walking back and forth around the truck by the operator
- The quieter engine design, high ground clearance, lower water fill point, and twist-and-lock pipe restraints enhance the operator experience
- The hose reel can telescope out up to 15 inches and rotate up to 270° for optimal positioning
- Vactor’s water tank system is designed and built with high quality, high-strength light weight aluminum for maximum capacity and maintaining a low center of gravity – the tanks feature superior corrosion resistance and are backed by a 10-year standard warranty
- Unique Modul-Flex design provides for maximum capacities and optimum weight distribution on every truck
- Standard 60 inch (1524 mm) high dump enables you to unload debris into roll-offs up to 5-feet (1.524 m) high without requiring a lift or ramp





IntuiTouch articulated controls put controls within comfortable reach, allowing operators to better focus on their work



Vector's centrifugal cyclones* are designed and located to improve air filtration and permit easier cleaning

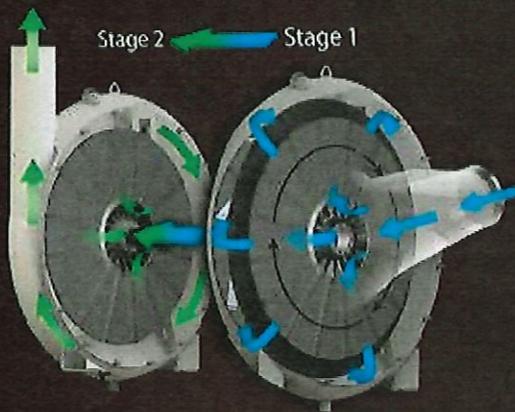
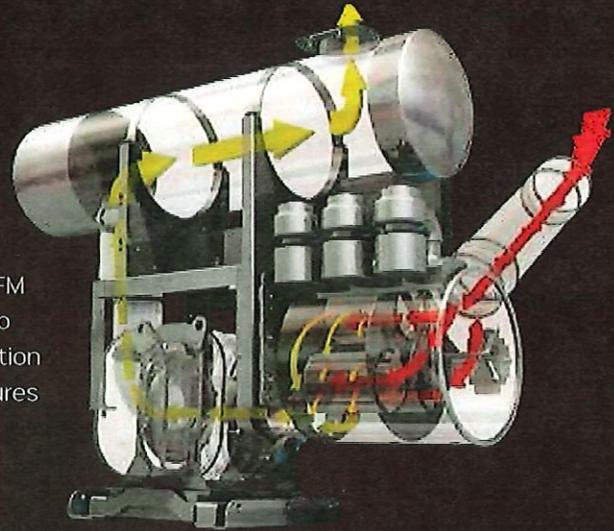


*Optional equipment

THE VACTOR 2100i COMES IN THE CONFIGURATIONS YOU NEED.

Our Positive Displacement (PD) model is ideal for pulling material long distances

With blower offerings providing inlet volumes in excess of 5000 CFM and 18 Hg vacuum, the Vactor 2100i PD is the machine you need to tackle your deepest pulls. In addition, our multi-stage blower filtration system is the most productive of its kind, and unique design features make the 2100i the most operator friendly unit available.



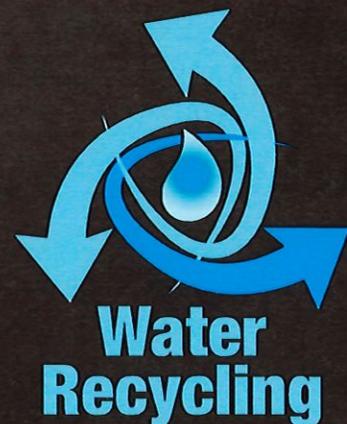
For all around service, choose a single engine, single or dual stage fan model

Vactor's fan system is the right choice for all-around sanitary and storm sewer cleaning. Whether equipped with a single or dual (for greater vacuum) fan system, our lightweight, perfectly balanced aluminum fan provides superior performance to handle your toughest jobs. Our unique system also minimizes energy consumption while maximizing performance.

Our water recycling model saves thousands of gallons of clean water every shift

Simple to operate, our self-cleaning system offers significant advantages:

- Absolute water filtration to 100 micron particle sizes eliminates most abrasive particles to protect the water pump, hoses, nozzles, and sewer lines
- 5-stage filtration system combines settling, centrifugal separation and absolute filtration to 100 microns
- Simultaneous operation recycles water while cleaning lines
- No moving parts in the body or tanks
- Never a need to enter a body or tank to maintain the system components



CUSTOMIZE YOUR 2100i WITH PERFORMANCE DRIVEN OPTIONS.

Our RDB 1015 Rapid Deployment Boom **RDB 1015™**

Our revolutionary new boom telescopes 10 feet out and extends the debris hose down 15 feet speeding work, and, in many cases, eliminating the need for additional tubes, reducing operator fatigue. The RDB 1015 offers you:

- Dramatic reduction in set-up and tear-down time with boom's ability to pay-in and pay-out 15 feet of vacuum hose
- Reach greater depths without raising the position of the boom to enhance speed and efficiency
- The ability to work in areas of low overhead clearance without raising the boom and still reach needed depths



New wireless controls

Vactor has enhanced its wireless controls with new belly pack and handheld remotes that feature two-way data transmission, including active pressure and flow information for the water and the ability to monitor hose footage being paid out or retracted. Our wireless controls also allow:

- Extensive operation with greater control away from the fixed operator station
- Multiple control functions including hose reel control, boom control, e-stop and more



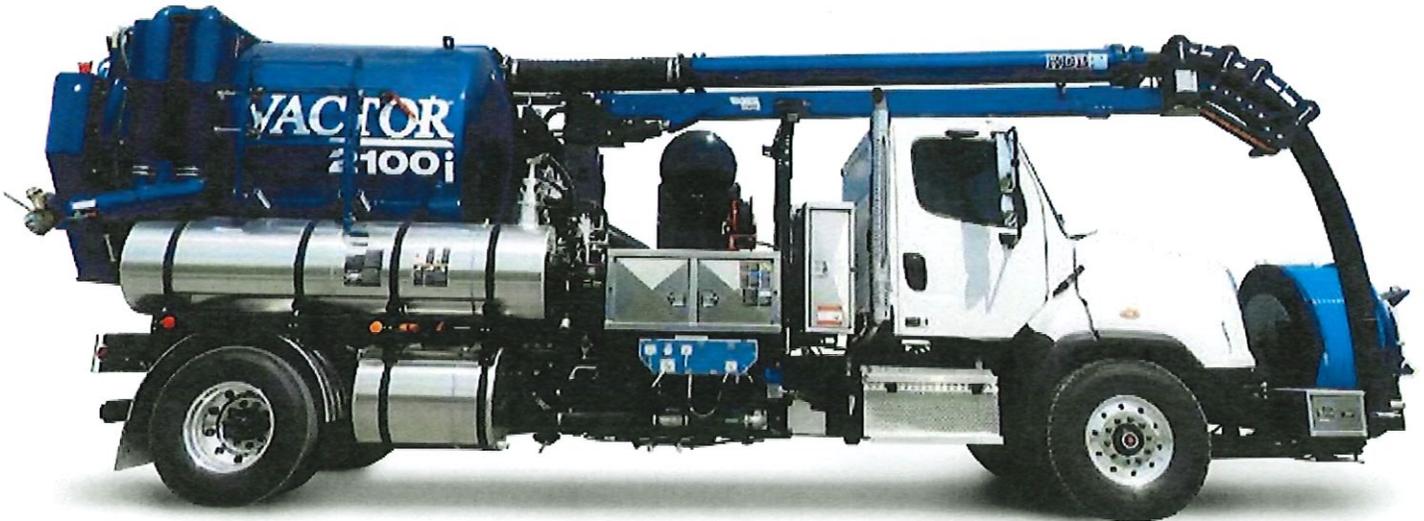
Over 100 precision-engineered enhancements are available, including:

- Cold weather recirculation system
- Liquid debris pump-off system
- Debris flush-out system
- Fail-safe hydraulic door locking system
- Water tank capacity up to 1,500 gallons (5,678 L)
- Pump delivery system up to 120 gpm
- Hose reel capacity up to 1,000 ft. (305 m)
- Automatic hose level wind guide
- Safety warning lighting packages
- Hydro-Excavation Kits

Demo the new Vactor 2100i today.
Visit Vactor.com to find your local dealer.

THE NEW VACTOR 2100i

Performance you expect from a proven leader.



For nearly half a century, Vactor® Manufacturing has been the leader in building combination sewer cleaners that offer innovations and design advantages that drive productivity, enhance operator performance and security, and bring operations large and small greater economy and efficiency. With the new Vactor 2100i, we have once again raised the bar, bringing you a new level of operating ease and greater control.

More than a manufacturer, Vactor offers you customized solutions featuring unmatched quality and backed by powerful support. When the rain is falling and the water is rising, Vactor is the brand you can trust.

Sold & Serviced by:



VACTOR[®]
Subsidiary of Federal Signal Corporation

vactor.com

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Phone 815.672.3171 • Fax 815.672.2779

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Effective Date 6/20 P/N 00107-I ©2020 Vactor Manufacturing