

PROPOSAL SUMMARY #89879

Prepared for: City of Palm Bay Utilities

Quote per the Sourcewell Contract # 101221-VTR

VECTOR®



Vector 2100i Sewer Cleaner – Dual Axle

Combination Dual Engine Sewer Cleaner with Positive Displacement Vacuum System Mounted on a Heavy-Duty Dual Axle Freightliner Truck Chassis



City of Palm Bay Utilities
Attn: Derek Acker
February 15th, 2024

Vactor 2100i Sewer Cleaner

Environmental Products would like to thank you for the opportunity to present this budget proposal for a new **Vactor 2100i Dual Axle Sewer Cleaner**.

Environmental Products Group is the sole provider of Vactor Sewer Cleaning Equipment in the State of Florida, as well as many other leading industry product lines including Elgin Street Sweepers, Labrie Refuse Equipment, Envirosight Inspection Cameras, PB Asphalt Pothole Patchers, Madvac Sweepers and Vacuums, Petersen Grapple Loaders, TRUVAC Hydroexcavation Equipment and a host of parts, tools and accessories for all your needs.

Environmental Products Group prides itself on our local parts, service, and training capabilities. With multiple full-service locations throughout Florida, Georgia, and Memphis, Tennessee; including Vactor, Elgin, and Envirosight repair centers, extensive parts inventory, factory-trained technicians, mobile parts and service, rentals, turnkey maintenance packages, leasing options, and much more... we are ready to service your every need.

EP Rents is a division of Environmental Products Group, EP Rents specializes in rental trucks when you need them. With a large inventory of Vactor Sewer Cleaners and Trailer Jetters, Elgin Sweeper, Envirosight Pipeline Inspection Cameras, Petersen Grapple Loaders. Call us for any of your rental needs.

Thank you for your consideration.

Product Description

- 2100i with Roots 824-16" Hg. Blower, 15 Yard Debris body, 1500 Gallons of Fresh Water

Standard Features

- 48" x 22" x 24" Curb Side Aluminum Toolbox
- Aluminum Fenders
- Mud Flaps
- Electric/Hydraulic Four Way Boom
- Color Coded Sealed Electrical System
- Remote Pendant Control w/35' Cord
- Intuitouch Electronic Package
- Double Acting Dump Hoist Cylinder
- Handgun Assembly
- 3" Y-Strainer at Water Pump Inlet
- Ex-Ten Steel Cylindrical Debris Tank
- Flexible Hose Guide
- 30 Deg. Sand Nozzle w/Carbide Inserts
- 30 Deg. Sanitary Nozzle w/Carbide Inserts
- 15 Deg. Penetrator Nozzle w/Carbide Inserts
- Nozzle Storage Rack
- Vacuum Tube Storage: Rear Door (2) Pipe
- 1" Nozzle
- 10' Leader Hose
- Flat Rear Door w/Hydraulic Locks and Door Power-up/Down, Open/Close Feature
- Dual 10" Stainless Steel Float Shut Off System/Rear Mounted
- Debris Body Vacuum Relief System
- Debris Deflector Plate
- 60" Dump Height
- Water Sight Gauge PS
- Liquid Float Level Indicator
- Boom Transport Post Storage
- 3" Y-Strainer @ Water Pump w/3" Drain Valve
- Performance Package: (Hyd Variable Flow, Dual PTO's. Dual Hyd. Pumps)
- 1" Water Relief Valve for Vactor Water Pump
- Stainless Steel Microstrainer
- Blower Air Shift Controls
- Hydraulic Cooling Package
- Midship Handgun Coupling

- Side Mounted Water Pump
- Hose Wind Guide (Dual Roller)
- Hose Reel Manual Hyd. Extend/Retract
- Hose Reel Chain Cover (Full)
- Tachometer/Chassis Engine W/Hourmeter
- Circuit Breakers
- LED Lights. Clearance, Back-Up, Stop, Tail & Turn
- Tow Hooks, Front and Rear
- Electronic Back-Up Alarm
- Hydraulic Tank Shutoff Valves
- 7" Vacuum Pipe Package
- Emergency Flare Kit
- Fire Extinguisher 5 Lbs.
- Fixed Rear Door Pipe Rack, 7" Pipe
- Low Water Alarm with Water Pump Flow Indicator
- Front Joystick Boom Control
- Rodder System Accumulator- Jack Hammer on/off control w/ manual valve
- Digital Hose Footage Counter
- Water Pump Hour Meter
- PTO Hour Meter
- Hydraulic Oil Temp Alarm
- Digital Water Pressure Gauge
- Chassis Modifications

Additional Features

- Roots 824-16" Hg. Blower
- 180 Degree Rotation, 10 Ft. Telescoping Boom x 15 Ft. Hydraulic Extendable
- RDB Boom Washout Coupling
- 80 GPM Variable Flow Water System
- 2500 PSI Water Pressure
- 1" x 600' Piranha Sewer Hose, 2500 PSI
- Hydraulic Extending/Rotating 15" Hose Reel (1" x 800') Capacity
- Automatic Hose Wind Guide with Roller, Indexing
- Hose Reel Pinch Roller
- Module Paint, Dupont Imron Elite - Sanded Primer Base
- Debris Body Flush Out System
- 6" Knife Valve w/Cam-Loc, Rear Door, 3:00 Position
- Hydraulic Pump Off System
- Centrifugal Separators
- Folding Pipe Rack, Curbside, 7" Pipe
- Rear Door Splash Shield

- Lube Manifold
- Plastic Lube Chart
- Blower High Temp Safety Shutdown
- Digital Water Level Indicator
- Digital Debris Body Level Indicator tied to Vacuum Relief Valve
- Wireless Controls, including hose reel controls
- Wireless Controller for Rear Door Open/Close and Body Raise/Lower
- Rotatable Boom Inlet Hose, 10 x 15 RDB
- Anti-Splash Valve
- High Pressured Hose Reel with 75' of ½" Hose
- Hydro-Excavation Kit, includes Lances, w/ Shield, Nozzles, Storage Tray, and Vacuum Tube
- Rodder Pump Drain Valves
- Front Hose Reel Tool Storage
- Rear Directional Control LED Split Arrowboard
- Waterproof, Rechargeable, Wireless, Handheld, LED Spotlight w/12V Charger and Plug
- Worklights (2), LED, 10 x 15 RDB
- Six (6) Light Strobe Lighting Package
- Toolbox, Behind Cab with Lighting
- Front Bumper Toolboxes
- Long Handle Tool Storage
- Safety Cone Storage Rack - Post Style
- Water Cooler Rack
- Final Filter and Silencer Ball Valve Drains
- Camera System, Front, Rear, and Both Sides
- One (1) 78" x 7" Higbee Catch Basic Vacuum Tube
- Four (4) Headset Sonetics Safety Communication System
- Vactor Standard Manuals

Chassis Options

- Current Model Year Freightliner 114SD SBA – 370 HP, Dual Axle 66,000 GVWR
- Automatic Allison Transmission
- High Back Air Ride Driver and Passenger Seats
- Am/FM/CD/USB and Bluetooth Radio
- LED Stop/Turn/Taillights
- Heated and Motorized Side View Mirrors
- Automatic Windows & Door Locks

Palm Bay's Soucewell Account # 2375

Sourcewell Contract #101221-VTR Price: \$536,738.74

One Time Customer Discount: \$14,750.00

Final Sales Price: \$521,988.74

****Quote is good for 30-days*

**** Pricing is subject to change without notice. Environmental Products Group (EPG) will make every effort to preserve the original price quoted but reserve the right to add any additional unforeseen surcharges levied by the manufactures from the date of order to the invoice date. EPG will provide documentation at the customer's request to validate any price increases and/or surcharges applied to order.*

April 2023 2100i Price Reference Sheet - Sourcewell Contract # 101221-VTR

Sales Code	QTY	Description	List Price	Sourcewell Price	Sourcewell Price Extended
2115I-16	1	2100i PD, 16" Vacuum, 15 yrd Debris, Combo	310,639.00	301,319.83	301,319.83
2018i	1	Additional Water, 1500 Gal Total	5,120.00	4,966.40	4,966.40
010ISTD		Operator Station Curbside Toolbox	-	-	0.00
011ISTD		Aluminum Fenders	-	-	0.00
012ISTD		Mud Flaps	-	-	0.00
014ISTD		Electric/Hydraulic Four Way Boom	-	-	0.00
016ISTD		Color Coded Sealed Electrical System	-	-	0.00
019IASTD		Intuitouch Electronic Package	-	-	0.00
020ISTD		Double Acting Hoist Cylinder	-	-	0.00
025IASTD		Handgun Assembly	-	-	0.00
026ISTD		Ex-Ten Steel Cylindrical Debris Tank	-	-	0.00
030ISTD		Flexible Hose Guide	-	-	0.00
032ISTD		(3) Nozzles with Carbide Inserts w/Rack	-	-	0.00
045ISTD		Suction Tube Storage	-	-	0.00
046ISTD		1" Nozzle Pipe	-	-	0.00
048ISTD		10' Leader Hose	-	-	0.00
1001ISTD		Flat Rear Door w/Hydraulic Locks	-	-	0.00
1005ISTD		Dual Stainless Steel Float Shut Off System	-	-	0.00
1009ISTD		Full Rear Door Swinging Screen	-	-	0.00
1016ISTD		Microstrainer Prior to Blower	-	-	0.00
1024ISTD		Debris Body Vacuum Relief System	-	-	0.00
1031ISTD		Debris Deflector Plate	-	-	0.00
1033ISTD		60" Dump Height	-	-	0.00
1041ISTD		Debris Body-Up Message and Alarm	-	-	0.00
1053ISTD		Stainless Steel Water Barrel for Jet Rodder Pump with Water Recycler	-	-	0.00
2001ISTD		Low Water Indicator On Screen w/Alarm and Water Pump Flow Indicator	-	-	0.00
2011ISTD		3" Y-Strainer at Passenger Side Fill with 25' Fill Hose	-	-	0.00
2022ISTD		Additional Water Tank Sight Gauge	-	-	0.00
2023ISTD		Liquid Float Level Indicator	-	-	0.00
3019ISTD		Digital Water Pressure Gauge	-	-	0.00
4006ISTD		Front Joystick Boom Control	-	-	0.00
4010ISTD		Boom Hose Storage	-	-	0.00
4017ISTD		Boom Out of Position Message and Alarm	-	-	0.00
5010ISTD		Rodder System Accumulator - Jack Hammer on/off Control w/ manual valve	-	-	0.00
5011ISTD		3" Y-Strainer @ Water Pump	-	-	0.00
5015ISTD		Midship Handgun Coupling	-	-	0.00
5019ISTD		Chassis Engine Cooling Package	-	-	0.00
5022ISTD		Side Mounted Water Pump	-	-	0.00
6004ISTD		Hose Wind Guide (Dual Roller), Manual	-	-	0.00
6005IDSTD		Digital Hose Footage Counter	-	-	0.00
6007ISTD		Hose Reel Manual Hyd Extend/Retract	-	-	0.00
6009ISTD		Hose Reel Chain Cover	-	-	0.00
6020IBSTD		Hydraulic Extending 15", Rotating Hose Reel, 1" x 800' Capacity	-	-	0.00
6017ISTD		Hydraulic Tank Shutoff Valves	-	-	0.00
7001ISTD		Tachometer/Chassis Engine w/Hourmeter	-	-	0.00
7003ISTD		Water Pump Hour Meter	-	-	0.00
7004ISTD		PTO Hour Meter	-	-	0.00
7005ISTD		Hydraulic Oil Temp Alarm	-	-	0.00
7007ISTD		Tachometer & Hourmeter/Blower	-	-	0.00
8000ISTD		Circuit Breakers	-	-	0.00
8025ISTD		LED Lights, Clearance, Back-up, Stop, Tail & Turn	-	-	0.00
9002ISTD		Tow Hooks, Front	-	-	0.00
9003ISTD		Electronic Back-Up Alarm	-	-	0.00
9021ISTD		Camera System, Rear Only	-	-	0.00
S390BSTD		7" Vacuum Pipe Package	-	-	0.00
S560STD		Emergency Flare Kit	-	-	0.00
S590STD		Fire Extinguisher 5 Lbs.	-	-	0.00
i110ISTD		Module Paint, DuPont Imron Elite - Wet on Wet	-	-	0.00
1003i	1	Debris Body Washout	1,926.00	1,868.22	1,868.22
1008i	1	6" Rear Door Knife Valve w/Camloc, 3:00 position	1,541.00	1,494.77	1,494.77
1009i	1	Internally Mounted Trash Pump	13,410.00	13,007.70	13,007.70
1014i	1	Centrifugal Separators (Cyclones)	6,730.00	6,528.10	6,528.10
1015iG	1	Folding Pipe Rack, Curbside, 7" Pipe	1,337.00	1,296.89	1,296.89
1016IASTD	1	Subframe Mounted, 2-Pipe Rack, 7"	-	-	0.00
1022i	1	Rear Door Splash Shield	1,961.00	1,902.17	1,902.17
1023i	1	Lube Manifold, with Lube Chart	2,912.00	2,824.64	2,824.64
3017i	1	Blower High Temp Safety Shutdown	664.00	644.08	644.08
3020i	1	Digital Water Level Indicator	858.00	832.26	832.26
3021i	1	Digital Debris Body Level Indicator Tied to Vacuum Relief	1,151.00	1,116.47	1,116.47
4016i	1	180 deg. 10' x 15' Rapid Deployment Boom	27,496.00	26,671.12	26,671.12
4011iB	1	Bellypack Wireless Controls with hose reel controls, 2-way communications, and LCD Display	3,965.00	3,846.05	3,846.05
4013i	1	Rotatable Boom Inlet Hose	723.00	701.31	701.31
4020i	1	Anti Splash Valve, Body Inlet	479.00	464.63	464.63
5021iC	1	Hydro Excavation Kit - Includes Lances w/ Shield, Nozzles, Storage Tray, and Vacuum Tube	3,316.00	3,216.52	3,216.52
5029iA	1	RDB Washout Coupling	135.00	130.95	130.95
6002iB	1	600' x 1" Piranha Sewer Hose 2500 PSI in lieu of STD	1,156.00	1,121.32	1,121.32
6004iB	1	Hose Wind Guide (Dual Roller), Auto, Indexing	4,786.00	4,642.42	4,642.42

6004iD	1	Rodder Hose Pinch Roller	1,773.00	1,719.81	1,719.81
6019i	1	Rodder Pump Drain Valves	624.00	605.28	605.28
6019iA	1	Final Filter and Silencer Ball Valve Drains	562.00	545.14	545.14
6031i	1	Front Hose Reel Tool Storage	375.00	363.75	363.75
8001iL	1	Rear Directional Control, LED Split Arrowboard	2,740.00	2,657.80	2,657.80
8002iA	1	Wireless, Waterproof, Rechargeable, Handheld, LED Spot Light w/12V Charger	453.00	439.41	439.41
8020iE	1	Lighting Package, 6 Federal Signal Strobe Lights	1,971.00	1,911.87	1,911.87
8028i	1	Worklights (2), LED, Boom	1,005.00	974.85	974.85
9021iB	1	Camera System, Front, Rear and Both Sides	1,898.00	1,841.06	1,841.06
9023i	1	Safety Cone Storage Rack - Drop in Style	206.00	199.82	199.82
9024i	1	Water Cooler Storage Rack	206.00	199.82	199.82
9070iA	1	Toolbox, Front Bumper Mounted, 16 x 12 x 18 w/(2) LED Side Markers	2,487.00	2,412.39	2,412.39
9070iB	1	Long Handle Tool Storage	439.00	425.83	425.83
9071iEL	1	Toolbox, Behind Cab - 16w 30h x 96d - with Lighting	4,278.00	4,149.66	4,149.66
i124STD	1	Vactor 2100i Body Decal, Standard	-	-	0.00
LOGO-APPL.	1	Vactor/Guzzler Logos - Applied	-	-	0.00
RFQ31694	1	Wireless Remote for Rear Door & Dump Controls	4,663.00	4,523.11	4,523.00
S391iA	1	One (1) 78" x 7" Higbee Catch Basic Vacuum Tube	870.00	843.90	843.90
L003	1	Sonetics Four (4) Saffety HeadSet Communication System	4,750.00	4,607.50	4,607.50
RFQ37584	1	Hannay High Pressure Retractable Hose Reel with 75' of 1/2 Hose	2,410.00	2,334.00	2,334.00
Freight	1	Freight	3,600.00	3,600.00	3,600.00
CHASSIS	1	Freightliner 114 SD, 370 HP, Automatic Allison Transmission, 66,000 GVWR	123,788.00	123,788.00	123,788.00
	-1	One Time Customer Discount	-14,750.00	-14,750.00	-14,750.00
		FINAL TOTAL			521,988.74

LIMITED WARRANTY

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

STANDARD EXTENDED WARRANTIES (Total Warranty Duration)

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

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

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

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

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

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

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

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



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9-1-2021