

Mounting Charge		\$2,667.00
Auxiliary		
John Deere Tier 4 Technology. Model: 4045HFC04 EPA Certified. 140HP @ 2400 RPM	Please consult factory for availability	\$31,974.00
Ford Power Products Gas WSG-1068, 6.8 Liter, (415 CID) (10)-Cylinder, V-10, 222HP at 3200RPM/360 flbs at 3200RPM - CONSULT FACTORY FOR AVAILABILITY	Emission Information: California Air Resources Board (CARB), Environmental Protection Agency (EPA)	\$0.00
John Deere Export Diesel - 4045HF285, 115HP@2400RPM - EXPORT ONLY		\$0.00
John Deere 6-Cyl, Tier 4 Technology - Model 6068HFC08 - EPA Certified, 185HP@2400RPM		\$46,875.00
Water System Drives		
Hydrostatic drive- includes FMC pump	Hot Shot pricing only	\$12,860.00
Auxiliary Engine Drive other than Gas - select from option section below	Hot Shot Pricing only	\$0.00
Hose Reels		
Front Mounted, Fixed, Standard		\$0.00
Front Mounted, Fixed, 800' (1") Capacity		\$3,494.00
Front Mounted, Articulating to Driver Side (Std Pivot)		\$13,544.00
Front Mounted, Articulating to Driver Side, 800' (1") Capacity (Std. Pivot)		\$17,035.00
Front Mounted, Articulating to Passenger Side (Reverse Pivot)		\$13,586.00
Rear Mounted, Articulating Hose Reel	Pivot to Driver's Side	\$13,557.00
Rear Mounted, Articulating Hose Reel, 800' Capacity	Pivot to Driver's Side	\$17,035.00
Front Mounted Swivel Hose Reel, 600' (1") Capacity		\$11,735.00
Rear Mounted Swivel Hose Reel, 600' (1") Capacity		\$9,452.00
Hose Reel Options		
Hose Reel Cage		\$1,164.00
Power Guide "Reel Power" level wind guide		\$5,072.00
Electro Magnet for outrigger leg		\$4,873.00
Pinch Roller/Tensioner Device		\$2,306.00
Digital electronic footage counter	Standard on Omnibus Precision Power(TM)	\$3,869.00
Dual Roller Level Wind Guide, plastic (in lieu of single)		\$183.00
Aluminum Single Roller Level Wind Guide, (in lieu of plastic)		\$452.00
Aluminum Dual Roller Level Wind Guide, (in lieu of plastic)		\$680.00
HD Level Wind Guide Aluminum	711-24985 (A16 Variable)	\$238.00
Water Systems		
30 gpm/3000 psi Pump - FMC only		\$0.00

60 gpm/2000 psi Pump		\$0.00
65 gpm/2000 psi Pump		\$0.00
60 gpm/2500 psi Pump		\$0.00
50 gpm/3000 psi Pump		\$0.00
80 gpm/2000 psi Pump		\$0.00
80 gpm/2500 psi Pump		\$0.00
60 gpm/3000 psi Pump		\$0.00
65 gpm/3000 psi Pump / 6 Cylinder Auxiliary Diesel Engine Drive - FMC only. Must choose FMC water pump and 6-Cylinder Diesel Engine from Machine Option List.	Must choose FMC water pump and 6-Cylinder Diesel Engine from Machine Option List	\$0.00
80 gpm/3000 psi Pump / 6-Cylinder Aux Diesel Engine Drive. Please select a 6-cylinder diesel engine from Machine Options List below.	Please select a 6-cylinder diesel engine from Machine Options List below	\$9,778.00
120 gpm/2000 psi Water System (includes 500' x 1½" Hose & 800' Capacity Reel) / 6-cylinder Auxiliary Diesel Engine. Please select 6-cylinder engine from machine options list below.	Please select 6-cylinder diesel engine from Machine Options List below	\$24,254.00
30 gpm/3000 psi Pump - Single Engine, Hydrostatic Drive, FMC only. Must choose FMC water pump from Options List.		\$0.00
60 gpm/2000 psi Pump - Single Engine, Hydrostatic Drive, FMC only. FMC water pump included in price.		\$0.00
60 gpm/2500 psi Pump - Single Engine, Hydrostatic Drive, FMC only. FMC water pump included in price.		\$0.00
50 gpm/3000 psi Pump - Single Engine, Hydrostatic Drive, FMC only. FMC water pump included in price.		\$0.00
80 gpm/2000 psi Pump - Single Engine, Hydrostatic Drive, FMC only. FMC water pump included in price.		\$0.00
80 gpm/2500 psi Pump - Single Engine, Hydrostatic Drive, FMC only. FMC water pump included in price.		\$0.00
Water System Options		
Winter Recirculating System for Rodder Hose		\$1,035.00
Winter Recirculating connection for low pressure circuit.	Requires winter recirculating system for rodder hose.	\$261.00
Winter Recirculating connection for high pressure circuit.	Requires winter recirculation system for rodder hose.	\$447.00
Artic Winter Recirculating System for rodder hose, includes plumbing to upper water tanks.		\$1,300.00
Air Purge System		\$838.00
Drivers Side Hand Gun Connection		\$302.00
Rear Hand Gun Connection		\$302.00
Front Bumper Hand Gun Connection		\$350.00

Pre-Tank Water Filter (In-line)		\$350.00
Pre-Tank Water Filter (Y-type)		\$935.00
2½" Water Drain Gate Valve Assembly (cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one)	Note: cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one.	\$295.00
1/4 turn ball valve water drain (cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one)	Note: cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one.	\$457.00
Automatic Continuous Fill System		\$2,192.00
Folding Spray Bar Assembly with In Cab Controls		\$3,778.00
Variable Flow Valve (Valve Only) - nozzles required		\$433.00
50' Capacity Retractable Hand Gun Hose Reel	Hose included	\$2,053.00
100' Capacity Handgun Hose Reel	Hose Included	\$3,608.00
Pulsation Feature for Water Pump		\$3,598.00
Lateral Cleaning Kit w/150' x ½" Hose w/Nozzle, Dolly style mounts		\$3,188.00
Lateral Cleaning Kit w/200' x 1/2" Hose w/Nozzle, Permanently Mtd, Electronically Controlled		\$5,887.00
Lateral Cleaning Kit w/400' Hose w/Nozzle, Permanently Mtd, Hydraulically Controlled		\$7,364.00
Water Pump Remote Oil Drain		\$271.00
Chemical Tank (15) Gallons	120volt Pump with Invertor (Consult Factory for Compatibility) 711-8088	\$3,153.00
Boiler/Water Heater 900,000 BTU	667-0100	\$23,322.00
Boiler/Water Heater 420,000 BTU	667-0099	\$19,814.00
Anti-Freeze System	17 gallon reservoir with ball valve for changing system. System uses bio-degradable anti-freeze only.	\$2,042.00
FMC Water Pump Option: 30/3000, 60/2000, 65/3000, 80/2000, 80/2500	Replaces standard Giant water pump	\$2,171.00
Provision for Dealer/Customer installed Vaporooter Commander	Specify Desired Location	\$0.00
Gate Valve at Water Pump Inlet		\$662.00
FMC Water Pump Option: 30/3000, 50/3000, 60/2000, 65/3000, 80/2000, 80/2500	Replaces standard Giant water pump	\$2,171.00
FMC Water Pump Option: 80/3000 Must be used with minimum 185hp DIESEL engine	Consult factory for Gasoline engine applications	\$2,503.00
Water System Accessories		
Hand Gun Assembly, Low Pressure	Hand Gun Only - no hose	\$311.00
Hand Gun Assembly with 25' of ½" hose, Low Pressure		\$643.00

10' Hand Gun Hose Extension		\$115.00
25' Hand Gun Hose Extension		\$264.00
30' Hand Gun Hose Extension		\$306.00
50' Hand Gun Hose Extension		\$400.00
Hand Gun Bracket Assembly		\$72.00
Hand Gun Assembly (2) Handle with Adjustable Spray		\$581.00
Cam-locks for Water Fill Hose		\$240.00
Cam-locks for Rear Drain Hose		\$338.00
Additional Water Tank Sight Guage (Drivers Side)		\$185.00

Jet Rodder Hose

400' x 3/4" Jet Rodder Hose - Standard	3000 psi/7500 psi	\$0.00
500' x 3/4" Jet Rodder Hose	3000 psi/7500 psi	\$478.00
600' x 3/4" Jet Rodder Hose	3000 psi/7500 psi	\$953.00
700' x 3/4" Jet Rodder Hose	3000 psi/7500 psi	\$1,428.00
800' x 3/4" Jet Rodder Hose	3000 psi/7500 psi	\$1,904.00
1000' x 3/4" Jet Rodder Hose	3000 psi/7500 psi	\$2,855.00
400' x 1" Jet Rodder Hose - Standard	2500 psi/6250 psi	\$0.00
500' x 1" Jet Rodder Hose	2500 psi/6250 psi	\$478.00
600' x 1" Jet Rodder Hose	2500 psi/6250 psi	\$953.00
700' x 1" Jet Rodder Hose	Requires large hose reel - 2500 psi/6250 psi	\$1,428.00
800' x 1" Jet Rodder Hose	Requires large hose reel - 2500 psi/6250 psi	\$1,904.00
400' x 1" 3000 psi - Jet Rodder Hose	3000 psi/7500 psi	\$630.00
500' x 1" 3000 psi - Jet Rodder Hose	3000 psi/7500 psi	\$1,119.00
600' x 1" 3000 psi - Jet Rodder Hose	3000 psi/7500 psi	\$2,171.00
700' x 1" 3000 psi - Jet Rodder Hose - (non-continuous)	Requires large hose reel - 3000 psi/7500 psi	\$3,348.00
800' x 1" 3000 psi - Jet Rodder Hose - (non-continuous)	Requires large hose reel - 3000 psi/7500 psi	\$4,466.00
500' x 1 1/4" Jet Rodder Hose	Standard on 120 gpm systems - 2500 psi/6250 psi	\$0.00
800' x 1" Jet Rodder Hose - Continuous	2500 psi/6250 psi	\$3,843.00
800' x 1" 3000 psi - Jet Rodder Hose - Continuous	3000 psi/7500 psi	\$5,184.00

Spare Rolls of Jet Rodder Hose

400' Spare Roll of Jet Rodder Hose	3/4" 3000 psi or 1" 2500 psi	\$1,792.00
500' Spare Roll of Jet Rodder Hose	3/4" 3000 psi or 1" 2500 psi	\$2,252.00
600' Spare Roll of Jet Rodder Hose	3/4" 3000 psi or 1" 2500 psi	\$2,678.00

Electrical Options

Low Water Alarm with Light		\$509.00
Body Load Limit Alarm, Level Indicator		\$684.00
Rear Axle Load Limit Alarm		\$926.00
Front Axle Load Limit Alarm		\$926.00
Auxiliary Engine Kill Switch (Vandalism Protection)		\$134.00
Back Up Alarm	(Standard on Vac-Con 114SD Pool Trucks)	\$274.00
Digital Scale System	Single Axle or Tandem Axle	\$7,092.00
Data Logging and Telematics System	Requires Omnibus Precision Power (OPP) Option	\$9,137.00
Traffic Camera With Color Monitor - MUST PICK CAMERA PLACEMENT	Pick up to FOUR cameras maximum	\$1,194.00
Rear Camera Placement	To be used with "Traffic Camera" option	\$553.00
Curbside Camera Placement - Mirror Mounted Standard	To be used with "Traffic Camera" option	\$553.00
Driver's Side Camera Placement - Mirror Mounted Standard	To be used with "Traffic Camera" option	\$553.00
Front Bumper Camera Placement	To be used with "Traffic Camera" option	\$553.00
Front Hose Reel Camera Placement - To View in Front of Hose Reel Area	To be used with "Traffic Camera" option	\$553.00
Lighting Options		
Mirror Mounted LED Beacon/Strobe Light with Limb Guard - Whelen L21HAP LED Beacon with Whelen BGH Branch Guard	Please Indicate Driver Side or Passenger Side; When (1) is selected, D/S is standard	\$928.00
LED strobe with Limb Guard, Rear Debris Tank Mounted - Whelen L21HAP LED Beacon with Whelen BGH Branch Guard		\$928.00
LED 4 Strobes - (2) front bumper / (2) rear bumper - Whelen 50A03ZCR - Amber		\$1,913.00
LED Arrow Board, Rear Debris Tank Door Mounted - Whelen TA1251NF1 Traffic Arrow		\$3,731.00
LED Arrow stick - Whelen TAM85 Traffic Advisor		\$2,818.00
Arrow Board, D.O.T., WANCO, LED - Rear Debris Tank Door Mounted		\$6,542.00
Hand Held Spot Light - LED with 50' Retractable Cord		\$1,057.00
Hand Light Connection, Rear Dump Control Location	Reaches entire unit	\$121.00
LED Rear Mounted Flood Lights with Limb Guard - Whelen NP6BB Worklight		\$736.00
LED Flood Light - Water Pump Work Area with Limb Guard -		\$416.00

Whelen NP6BB Worklight

LED Flood Light - Level Wind Guide with Limb Guard - Whelen NP6BB Worklight		\$416.00
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Midbody LED Strobes - Frame Mounted - Whelen 50A03ZCR - Amber	When picked with bumper strobes - (6) strobes total	\$972.00
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LED Midbody Flood Lights with guards - Whelen NP6BB (Driverside and Curbside)		\$736.00
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Misc Machine Options

Auxiliary engine control panel (lockable door)	For use with Deutz & JD Auxiliary Engines	\$329.00
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Hydraulic Power Tool Option, front bumper control valve mount location		\$3,387.00
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Hydraulic Power Tool Option, Rear Bumper Control Valve Mount Location		\$3,877.00
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Offset Manhole Roller 711-0050		\$382.00
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Rear Mounted Tow Hooks		\$354.00
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Auxiliary Engine Remote Oil Drain		\$277.00
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Grease Assembly Articulating Hose Reel		\$1,104.00
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Automatic Lube System - in addition to manual remote grease options (Vac-Con Module)		\$5,300.00
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Plastic engraved decals - adhesive type (ilo standard)		\$1,715.00
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Hose Footage Counter (Standard - Driver Side)	Hot Shot Pricing only	\$526.00
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Hose Footage Counter (Curb Side)	Hot Shot Pricing only	\$526.00
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Metric Hose Counter (Driver Side)	Hot Shot Pricing only	\$526.00
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Water Cooler Rack		\$307.00
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Spanish Decals		\$0.00
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French Decals		\$0.00
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12VDC Auxiliary Hydraulic Pump	Back-up to standard hydraulic pump	\$2,869.00
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Rear Bumper Assembly	Standard on Hi-Dump	\$1,766.00
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Long Handle Storage/PVC (2) - MUST SELECT LOCATION BELOW		\$505.00
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Long Handle Storage Placement - Mounted in Storage Box Under Shelf	Standard with Hydro-X package	\$0.00
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Long Handle Storage Placement - Rear of Mainframe	Must be picked with "Long Handle Storage/ PVC (2)" above - UNAVAILABLE ON 1500 GALLON UNITS	\$0.00
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Cone Storage Rack - MUST SELECT PLACEMENT BELOW		\$417.00
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Cone Storage Rack Placement - Rear of Frame	Must be used with "Cone Storage Rack" Option	\$0.00
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Cone Storage Rack Placement - Best Location Driver's Side	Must be used with "Cone Storage Rack" option	\$0.00
Cone Storage Rack Placement - Best Location Curbside	Must be used with "Cone Storage Rack" option	\$0.00
Cone Storage Rack Placement - Best Location - Vac-Con to select	Must be used with "Cone Storage Rack" option	\$0.00
Cone Rack, Hinged Style/Deck		\$750.00
Cone Rack, Between Bogies, Tandem	(2) racks included, one each side	\$555.00
Misc Accessories		
Catch Basin Retriever 711-0371		\$570.00
Manhole Cover Lifting Hook 681-0084		\$109.00
Cover Shover 681-0143		\$651.00
5# Fire Extinguisher, spare (one is standard)		\$160.00
First Aid Kit 690-0500		\$98.00
Triangle Kit 690-0494 (one is standard), spare		\$98.00
Grease Gun 690-0093		\$79.00
Hose Guide, spare 665-0004		\$188.00
Nozzle rack		\$120.00
Anti-Sail Mud Flaps (rear)		\$307.00
Tool / Storage Boxes		
Storage Box [Hydrostatic Drive Units Only]		\$2,390.00
16" x 13" x 72" Aluminum Side Mounted Tool Box, ea (ilo steel)		\$1,562.00
2) 24" x 18" x 18" Steel Rear Tool Boxes, mtd each side of extended frame units, 1000 or 1300 gallons only		\$976.00
2) 24" x 18" x 18" Aluminum Rear Tool Boxes, mtd each side of extended frame units, 1000 or 1300 gallons only		\$1,657.00
12" x 18" x 96" Steel Tool Box, mounts under storage box behind cab		\$1,107.00
12" x 18" x 96" Aluminum Tool Box, mounts under storage box behind cab		\$1,852.00
2) Tool boxes, 16" x 13" x 72", steel		\$1,794.00
16x42x48 Steel Storage Box (Drivers Side Behind Cab)	Consult factory for adaptability on tandem axle units	\$1,163.00
16x42x48 Aluminum Storage Box (Drivers Side Behind Cab)	consult factory for adaptability on tandem axle units	\$2,999.00
3/4" Spare Nozzles		
3/4" Nozzle rack		\$120.00
3/4" 30 gpm - Standard Nozzle, spare		\$387.00
3/4" 50 gpm - Standard Nozzle, spare		\$387.00

3/4" 30 gpm Penetrator Chisel - Standard, spare	\$444.00
3/4" 50 gpm Penetrator Chisel - Standard, spare	\$444.00
3/4" Nozzle Pipe Assembly (skid), spare	\$102.00
3/4" 30 gpm Grenade Nozzle	\$832.00
3/4" 50 gpm Grenade Nozzle	\$832.00
Aluminum Storm Nozzle 3/4" 30 gpm	\$461.00
Aluminum Storm Nozzle 3/4" 50 gpm	\$461.00
3/4" Storm Nozzle Pipe Assembly (skid)	\$102.00
3/4" 30 gpm Rotating Spinning Nozzle	\$980.00
3/4" 50 gpm Rotating Spinning Nozzle	\$980.00
3/4" 30 gpm Little Bruce 5" Culvert Nozzle	\$1,442.00
3/4" 50 gpm Little Bruce 5" Culvert Nozzle	\$1,442.00
3/4" Brass Flusher Nozzle	\$72.00
1" Spare Nozzles	
1" Nozzle rack	\$120.00
Aluminum Storm Nozzle 1" 60 gpm	\$461.00
Aluminum Storm Nozzle 1" 70 gpm	\$461.00
Aluminum Storm Nozzle 1" 80 gpm	\$461.00
1" Storm Nozzle Pipe Assembly (skid)	\$102.00
1" 60 gpm Standard Nozzle, spare	\$387.00
1" 70 gpm Standard Nozzle, spare	\$387.00
1" 80 gpm Standard Nozzle, spare	\$387.00
Standard nozzle	\$387.00
1" 60 gpm Penetrator Chisel - Standard, spare	\$444.00
1" 70 gpm Penetrator Chisel - Standard, spare	\$444.00
1" 80 gpm Penetrator Chisel - Standard, spare	\$444.00
Penetrator nozzle	\$444.00
1" Nozzle Pipe Assembly (skid), spare	\$102.00
1" 60 gpm Grenade Nozzle	\$832.00
1" 70 gpm Grenade Nozzle	\$832.00
1" 80 gpm Grenade Nozzle	\$832.00
Grenade nozzle	\$832.00
1" 60 gpm Rotating Spinning Style	\$980.00
1" 70 gpm Rotating Spinning Style	\$980.00
1" 80 gpm Rotating Spinning Style	\$980.00
Little Bruce culvert nozzle	\$2,105.00
1" 60 gpm Big Otto 8" Culvert Nozzle	\$2,105.00
1" 70 gpm Big Otto 8" Culvert Nozzle	\$2,105.00

1" 80 gpm Big Otto 8" Culvert Nozzle		\$2,105.00
1" Brass Flusher Nozzle		\$84.00
Spare Nozzles		
Standard nozzle		\$387.00
Rotating Spinning Nozzle		\$980.00
Big Otto culvert nozzle		\$2,105.00
Leader Hose		
3/4" x 10' Length Leader Hose		\$270.00
1" x 10' Length Leader Hose		\$270.00
1-1/4" x 10' Length Leader Hose		\$270.00
3/4" x 15' Length Leader Hose		\$406.00
1" x 15' Length Leader Hose		\$406.00
1-1/4" x 15' Length Leader Hose		\$406.00
3/4" x 20' Length Leader Hose		\$433.00
1" x 20' Length Leader Hose		\$433.00
1-1/4" x 20' Length Leader Hose		\$433.00
3/4" x 25' Length Leader Hose		\$518.00
1" x 25' Length Leader Hose		\$518.00
1-1/4" x 25' Length Leader Hose		\$518.00
3/4" x 30" Length Leader Hose, Spare		\$128.00
1" x 30" Length Leader Hose, Spare		\$128.00
1-1/4" x 30" Length Leader Hose, Spare		\$128.00
Swedge Tools		
Hydraulic Swage Kit		\$2,919.00
Manual Swage Kit		\$1,913.00
1" Swage End		\$79.00
3/4" Swage End		\$75.00
Root Cutter		
Rotating Turbine Chain Scraper 5"-10" with skids & chain 10.125TR6-10		\$4,199.00
Rotating Turbine Chain Scraper with skids and Chain 10.125TR8-12 set		\$4,398.00
1" to 3/4" Bushing for Chain Scraper		\$19.00
1" Bulldog with skid 400.600BS		\$3,479.00
3/4" Bulldog 400.060A		\$3,171.00
Manuals		
Electronic Vac-Con Manual (Thumb Drive), spare	One electronic manual standard per unit	\$199.00
Paper Vac-Con Manual - No longer standard		\$199.00

Paint - Module Options

Paint Module: Single-Stage Polyurethane Elite White (white is standard unless otherwise specified. PPG code: 940813)		\$0.00
Paint Module: Single-Stage Polyurethane Elite School Bus Yellow (PPG code: 916352)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Safety Yellow (PPG code: 920225)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Coca Cola Red (PPG code: 911065)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Candy Apple Red (PPG code: 918623)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Medium Blue (PPG code: 918345)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Deep Blue (PPG code: 918377)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Pepsi Blue (PPG code: 946949)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Omaha Orange (PPG code: 917204)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Cat Yellow (PPG code: 920339)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Lime Green (PPG code: 905804)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Green (PPG code: 918367)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Woodland Green (PPG code: 918359)		\$0.00
Undercoat - Vac-Con Module & Chassis		\$2,092.00
Metallic paint Option		\$8,500.00
Mainframe Deck Coating	In lieu of adhesive grip tape	\$2,759.00
Paint - Chassis Options		
Chassis Dealer to Paint Cab - Specify Color		\$5,000.00
Paint Chassis Hood Flat Black		\$770.00
Paint - Chassis Stripe Options		
Cab "Z" Striping Package, specify Color	Avail colors: White, Blue, Black, Red, Orange, Yellow, Green	\$1,249.00
Cab "Small Stripes" Striping Package, Specify Color	See available colors	\$1,249.00
Cab Painted with Flames		\$3,117.00
Pool Trucks (Chassis)		
Freightliner 108SD 4x2 37000GVWR ISL270 3000RDS		\$80,500.00
Freightliner 114SD 4x2 43000GVWR ISL370 3000RDS		\$88,200.00

Freightliner 114SD 6x4 66000GVWR ISL370 3000RDS		\$99,750.00
Freightliner 114SD 66000 6X4 10 SPD 450HP DD13		\$100,300.00
Freightliner 114SD 6x4 66000GVWR DD13 450HP 4500RDS		\$112,300.00
Freightliner 75DGE 114SD 4x2 43000GVWR ISL320 3000RDS		\$139,929.00
Freightliner 75DGE 114SD 6x4 60000GVWR ISL320 3000RDS		\$149,817.00
Peterbilt 348 4x2 43000GVWR PX-9 345HP 3000RDS	Single Axle	\$91,831.00
Peterbilt 348 6x4 66000GVWR PX-9 345HP 3000RDS	Tandem Axle	\$103,000.00

Pool Truck Modifications

Allison Series 3000 5-year/unlimited mileage	Requires TrandSynd Synthetic Transmission Fluid or TES-295	\$1,428.00
Allison Series 4500 5-year/unlimited mileage	Requires TrandSynd Synthetic Transmission Fluid or TES-295	\$1,770.00
Roll Bogies, Single Axle		\$2,712.00
Air dryer - Bendix AD-9		\$1,547.00
Air dryer - Bendix AD-IP	(Standard on Vac-Con 114SD Pool Trucks)	\$2,208.00
Air horn - single base	(Standard on Vac-Con 114SD Pool Trucks)	\$1,074.00
Air restriction gauge, dash mounted		\$697.00
Air seat, passenger		\$1,308.00
2-man passenger seat		\$1,320.00
Block Heater		\$855.00
Metric speedometer		\$1,042.00
Heated motorized mirrors		\$2,963.00
Silicone hoses		\$715.00
Front Mud Flaps		\$137.00
Transmission temperature gauge		\$1,388.00
Spare Tire and Rim, Front (Please specify size in comments)		\$2,006.00
Spare Tire and Rim, Rear (Please specify size in comments)		\$1,004.00
Spare Front Wheel (Please specify size in comments)		\$571.00
Spare Rear Wheel (Please specify size in comments)		\$255.00
12 ton jack & lug wrench		\$380.00
Chassis Parts Catalog		\$507.00
Chassis Operators Manual		\$65.00
Parts Manual on CD-Rom		\$507.00
Service Manual on CD-Rom		\$507.00
Wheel Simulators		\$2,524.00

Daytime Running Lights	(Standard on Vac-Con 114SD & IH Pool Trucks)	\$507.00
Remote Chassis Engine Start Switch		\$3,152.00
IH 7300&7400: 5yrs./150,000mi. base-vehicle ext. warranty- Includes: 5yrs./UNLmi. towing, Navistar DT engine 5yrs./150,000mi. W/3yrs. of Aftertreatment, Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	5yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$9,138.00
FR 114SD: 5yrs./200,000mi. ext. warranty: Includes-5yrs. towing, Cummins-ISL370 5yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	5yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$8,292.00
FR 114SD: 3yrs./200,000mi. ext. warranty: Includes- 3yrs. towing, Cummins-ISL370 3yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	3yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$5,241.00
FR 114SD: 4yrs./200,000mi. ext. warranty: Includes- 4yrs. towing, Cummins-ISL370 4yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	4yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$6,566.00
Duralift "Self-steer" suspension axle: 13,500lb./Air Ride, Air Lift w/295/75R22.5 tires (Consult factory for adaptability)	Consult Factory: Pusher or tag configuration	\$15,989.00
Extended Warranties		
John Deere auxiliary engine 3 Years/4000 hours (subject to \$250 deductible) extended warranty		\$2,520.00
John Deere auxiliary engine 4 Years/5000 hours (subject to \$250 deductible) extended warranty		\$3,206.00
John Deere auxiliary engine 5 Years/5000 hours (subject to \$250 deductible) extended warranty		\$4,241.00
Gas Engine Extended Warranty - 5YRS/5000HRS		\$5,000.00
John Deere Tier 4 5YR/5000HR, Full Coverage Warranty (March 1, 2017 - December 31, 2019)		\$3,978.00



VAC-CON Industrial Vacuum Loader

969 Hal Park Rd, Green Cove Springs, FL 32043

Tel: 904-284-4200 Fax: 904-284-3305

- Roots PD Blower (specific to model)
- Transfer Case Driven
- 3/16" Corten Steel 16 cubic yard debris body with ladder
- Twin Cyclonic Baghouses with 13 cartridge filters each (total 26)
- Automatic Vacuum Breaker
- Hydraulic Rear Door Locks & Door Opener
- 8" Butterfly Valve at bottom of baghous
- 8" Suction Hose with Female End and Bandlock (reinforced double cuffed)
- Hose Retainer Assembly
- Silencer - Stoddard
- Air Cannon
- Large Final Strainer & Blower Access Door
- ICC Lighting
- DuPont Elite Polyurethane Paint
- Warranty: see certificate for details
- 5# Fire Extinguisher
- Set of Triangles

Description	Additional Info	Cost
Models		
5016SM	Includes: Dresser Roots Model RASJ1024 PD Blower (16" Hg.)	\$260,726.00
4716SM	Includes: Dresser Roots Model 1021DVJ PD Blower (27" Hg.)	\$269,376.00
Mounting Charge		\$2,667.00
6116SM	Includes: Robuschi Model RB-DV 145 Triplex PD Blower (6176 CFM and 28" Hg.)	\$289,694.00
5816SM	Includes: Roots Tri-nado tri-lobe blower (28" Hg.)	\$279,533.00
Misc. Options		
Ceramic Coating in Debris Tank, Tandem Axle		\$6,203.00

Stainless Steel Debris Body	Consult factory for pricing	\$63,700.00
Stainless Steel Baghouse	Consult factory for pricing	\$0.00
Rear Door Alarm		\$331.00
External Rear Door Prop		\$240.00
Grounding Cable with Screw Clamp & 25' of Cable		\$511.00
Inlet Air Temperature		\$331.00
Outlet Air Temperature Gauge		\$412.00
On Loading Options		
Boom, Rear		\$7,419.00
Top Mounted Boom 8", with 180 Deg. Hydraulic Rotation		\$17,695.00
Vibrator, Electric		\$4,233.00
Vibrator, Hydraulic		\$8,469.00
Debris Tank Internal Bag Assembly		\$3,252.00
Automatic Material Return System		\$11,939.00
HEPA Filtration System - Inlet Mounted		\$302.00
6" to 4" Reducer (690-0734)		\$185.00
6" to 5" Reducer (690-1267)		\$185.00
8" to 6" Reducer (690-0735)		\$185.00
6" Bandlock		\$61.00
10' x 8" Hose with 8" Clamp		\$681.00
10' x 6" Hose with 6" Clamp		\$593.00
10' x 4" Hose with 4" Clamp		\$362.00
Off Loading Options		
High Dump Options: Industrial	Includes: Hydraulic Rear Door Opener	\$18,976.00
8" Knife Valve Assembly - rear door		\$194.00
6" Knife Valve with Camlock - rear door		\$1,354.00
575 GPM Pump Off System		\$12,380.00
Lay Flat Hose Assembly		\$325.00
Industrial Wash Down System		
Rubber Kanaflex hose end for CB Tube/Hydroexcavation		\$117.00
Debris Body Options		
Built in Body Prop - Rear Support Frame Mounted		\$470.00
Rear Door Drain Valve Flush Out Connection	Select per valve if multiple required	\$471.00
Electrical Options		
Back Up Alarm	(Standard on Vac-Con 114SD Pool Trucks)	\$274.00
Remote Control (Wireless): Boom, Vacuum Breaker, Throttle &		\$4,652.00

Debris Body (includes Hi-Dump, if applicable). Does not include remote cable pendant controls for boom or hi dump.

Hi Dump pendant control station with 25' cable		\$415.00
Grounding Mat		\$979.00
Additional E-stop at Dump Station		\$442.00
Traffic Camera With Color Monitor - MUST PICK CAMERA PLACEMENT	Pick up to FOUR cameras maximum	\$1,194.00
Rear Camera Placement	To be used with "Traffic Camera" option	\$553.00
Curbside Camera Placement - Mirror Mounted Standard	To be used with "Traffic Camera" option	\$553.00
Driver's Side Camera Placement - Mirror Mounted Standard	To be used with "Traffic Camera" option	\$553.00
Front Bumper Camera Placement	To be used with "Traffic Camera" option	\$553.00

Lighting Options

Mirror Mounted LED Beacon/Strobe Light with Limb Guard - Whelen L21HAP LED Beacon with Whelen BGH Branch Guard	Please Indicate Driver Side or Passenger Side; When (1) is selected, D/S is standard	\$928.00
LED strobe with Limb Guard, Rear Debris Tank Mounted - Whelen L21HAP LED Beacon with Whelen BGH Branch Guard		\$928.00
LED 4 Strobes - (2) front bumper / (2) rear bumper - Whelen 50A03ZCR - Amber		\$1,913.00
LED Arrow Board, Rear Debris Tank Door Mounted - Whelen TA1251NF1 Traffic Arrow		\$3,731.00
LED Arrow stick - Whelen TAM85 Traffic Advisor		\$2,818.00
Arrow Board, D.O.T., WANCO, LED - Rear Debris Tank Door Mounted		\$6,542.00
Hand Light Connection, Rear Dump Control Location	Reaches entire unit	\$121.00
LED Boom Mounted Flood Lights with Limb Guard - Whelen NP6BB Worklight		\$736.00
LED Rear Mounted Flood Lights with Limb Guard - Whelen NP6BB Worklight		\$736.00
LED Midbody Flood Lights with guards - Whelen NP6BB (Driverside and Curbside)		\$736.00

Misc Machine Options

Water Cooler Rack		\$307.00
Spanish Decals		\$0.00
French Decals		\$0.00
Rear Bumper Assembly	Standard on Hi-Dump	\$1,766.00
Long Handle Storage/PVC (2) - MUST SELECT LOCATION		\$505.00

BELOW

Misc Accessories

5# Fire Extinguisher, spare (one is standard)		\$160.00
First Aid Kit 690-0500		\$98.00
Triangle Kit 690-0494 (one is standard), spare		\$98.00
Grease Gun 690-0093		\$79.00
Anti-Sail Mud Flaps (rear)		\$307.00

Tool / Storage Boxes

1) Tool Box 16" x 13" x 72"		\$946.00
2) Tool Boxes 16" x 13" x 72"		\$1,957.00
2) Tool Boxes 16" x 13" x 72" (Hi Dump)		\$1,625.00

Manuals

Electronic Vac-Con Manual (Thumb Drive), spare	One electronic manual standard per unit	\$199.00
Paper Vac-Con Manual - No longer standard		\$199.00

Paint - Module Options

Paint Module: Single-Stage Polyurethane Elite White (white is standard unless otherwise specified. PPG code: 940813)		\$0.00
Paint Module: Single-Stage Polyurethane Elite School Bus Yellow (PPG code: 916352)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Safety Yellow (PPG code: 920225)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Coca Cola Red (PPG code: 911065)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Candy Apple Red (PPG code: 918623)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Medium Blue (PPG code: 918345)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Deep Blue (PPG code: 918377)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Pepsi Blue (PPG code: 946949)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Omaha Orange (PPG code: 917204)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Cat Yellow (PPG code: 920339)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Lime Green (PPG code: 905804)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Green (PPG code: 918367)		\$0.00

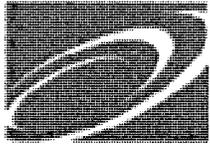
Paint Module: Single-Stage Polyurethane Elite Woodland Green (PPG code: 918359)		\$0.00
Undercoat - Vac-Con Module & Chassis		\$2,092.00
Metallic paint Option		\$8,500.00
Paint - Chassis Options		
Chassis Dealer to Paint Cab - Specify Color		\$5,000.00
Paint Chassis Hood Flat Black		\$770.00
Pool Trucks (Chassis)		
Freightliner 114SD 66000 6X4 10 SPD 450HP DD13		\$100,300.00
Freightliner 114SD 6x4 66000GVWR DD13 450HP 4500RDS		\$112,300.00
Pool Truck Modifications		
Allison Series 3000 5-year/unlimited mileage	Requires TrandSynd Synthetic Transmission Fluid or TES-295	\$1,428.00
Allison Series 4500 5-year/unlimited mileage	Requires TrandSynd Synthetic Transmission Fluid or TES-295	\$1,770.00
Roll Bogies, Tandem Axle		\$3,540.00
Block Heater		\$855.00
Spare Tire and Rim, Front (Please specify size in comments)		\$2,006.00
Spare Tire and Rim, Rear (Please specify size in comments)		\$1,004.00
Spare Front Wheel (Please specify size in comments)		\$571.00
Spare Rear Wheel (Please specify size in comments)		\$255.00
12 ton jack & lug wrench		\$380.00
Chassis Parts Catalog		\$507.00
Chassis Operators Manual		\$65.00
Parts Manual on CD-Rom		\$507.00
Service Manual on CD-Rom		\$507.00
FR 114SD: 5yrs./200,000mi. ext. warranty: Includes-5yrs. towing, Cummins-ISL370 5yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	5yrs. TOTAL (Including Standard Warranty From In- Service Date)	\$8,292.00
FR 114SD: 3yrs./200,000mi. ext. warranty: Includes- 3yrs. towing, Cummins-ISL370 3yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	3yrs. TOTAL (Including Standard Warranty From In- Service Date)	\$5,241.00
FR 114SD: 4yrs./200,000mi. ext. warranty: Includes- 4yrs. towing, Cummins-ISL370 4yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	4yrs. TOTAL (Including Standard Warranty From In- Service Date)	\$6,566.00
Duralift "Self-steer" suspension axle: 13,500lb./Air Ride, Air Lift	Consult Factory: Pusher or	\$15,989.00

w/295/75R22.5 tires (Consult factory for adaptability)

tag configuration

w/295/75R22.5 tires (Consult factory for adaptability)

tag configuration



VAC-CON Single Engine Combination

969 Hal Park Rd, Green Cove Springs, FL 32043
Tel: 904-284-4200 Fax: 904-284-3305

Vacuum System (as specified by Model Number)

Vacuum Drive: Hydrostatic - Required

3/16" Corten Steel Debris Tank - (size as specified by model number)

Full opening rear door

Hydraulic rear door locks, with door grabber with safety latch

5" Butterfly valve with 10' layflat hose

Debris tank Dumping: minimum 50 deg., hydraulic scissors lift - power up/power down

Polyethylene water tank

Automatic Vacuum Breaker and overflow protection

8" vacuum intake hose

Boom travel tie down

4 Way hydraulic boom with 270 deg. Rotation and joystick controls

Front mounted 600' capacity (1" hose)/hydraulic hose reel

FMC Water Pump is Standard on Single Engine Unit: 60 gpm/2000 psi system

Water pump drive: Hydrostatic

400' high pressure jet rodder hose (1" or 3/4")

Manual hose rewind guide

Hose guide (Tiger Tail)

30" leader hose

20 gpm at 600 psi wash down hand gun with 25' of hose and nozzle

Sealed and locking tool box(es) {as indicated by model number}

1) each sanitary and penetrator nozzles

20.5' aluminum intake pipe(1-3', 1-5', 1-6', and 1-6.5' nozzle)

ICC lighting

DuPont Elite Polyurethane Paint

12 month standard warranty - see certificate for details

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Note: Includes Hydrostatic Drive Option

5# Fire Extinguisher

Set of Triangles

Description	Additional Info	Cost
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Auxiliary

-- Select Auxiliary System--		\$0.00
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Blower Drives

AQD Fan Drive Upgrade	3-stage Aeroboost [®] Centrifugal compressor - high efficiency airflow design w/dual cyclone filtration	\$24,000.00
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Debris Body Options

Dump High Option	This option allows the operator higher debris body dumping	\$2,500.00
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Misc Machine Options

Transfer case blower drive ILO FEPTO	Addition of a Transfer Case when FEPTO is Unavailable	\$14,400.00
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Pool Truck Modifications

Add Front Frame Extensions to Chassis	Chassis Models Peterbilt 365/567, Kenworth T-800/T-880 Large Bore Engine Applications Without FFE	\$10,000.00
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Water System Options

Hydroexcavation package includes: 50' retractable handgun hose reel with 50' of 1/2" high pressure hose, HP/Quick disconnect, heavy duty HP unloader valve, main control ball valve, 72x1/2 Sch. 80 Lance w/ Quick Dcn., Sngl. Fwd. Spray Nozzle, Horiz. Hand.		\$6,437.00
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Models

PD3550HN/850 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 5 CY Debris Tank, 850 Gal H2O, Single Engine, 4X2 and Rolling Bogies	\$211,841.00
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PD3550HN/1000 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to	\$206,877.00
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3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 5 CY Debris Tank, 1000 Gal H2O, Singel Engine, 4X2 and Rolling Bogies

PD3590HN/850 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 9 Cy Debris Tank, 850 Gal H2O, Single Engine, 4X2	\$206,297.00
PD3590HN/1000 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 9 CY Debris Tank, 1000 Gal H2O, Single Engine, 4X2	\$208,123.00
PD3511HEN/850 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 850 Gal H2O, Single Engine, 6X4, Extended Frame	\$217,307.00
PD3511HEN/1000 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1000 Gal H2O, Single Engine, 6x4, Extended Frame	\$218,903.00
PD3511HEN/1300 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1300 Gal H2O, Single Engine, 6X4, Extended Frame	\$224,280.00
PD3511HEN/1500 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1500 Gal H2O, Extended Frame, Single Engine, 6X4. Cannot be used with High Dump.	\$229,875.00
PD3512HEN/850 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 850 Gal H2O, Single Engine, 6X4, Extended Frame	\$222,453.00
PD3512HEN/1000 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1000 Gal H2O, Single Engine, 6X4, Extended Frame	\$224,280.00
PD3512HEN/1300 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic	\$229,772.00

	Drive and Cyclone Separator, 12 CY Debris Tank, 1300 Gal H2O, Single Engine, 6X4, Extended Frame	
PD3512HEN/1500 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1500 Gal H2O, Extended Frame, Single Engine, 6X4. Cannot be used with High Dump.	\$235,367.00
PD3516HEN/1300 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 16 CY Debris Tank with Flat Style Rear Door, 1300 Gal H2O, Single Engine, 6X4. Consult Factory on Rear Axle Requirements, Extended Frame	\$242,919.00
PD3516HEN/1500 (624 at 18")	Includes: Roots 624 PD Blower Free Air up to 3670 CFM (2650 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 16 Cy Debris Tank with Flat Style Rear Door, 1500 Gal H2O, Extended Frame, Single Engine, 6X4. Consult Factory on Rear Axle Requirements. Cannot be used with High Dump.	\$259,131.00
PD3650HN/850 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 5 CY Debris Tank, 850 Gal H2O, Single Engine, 4X2 and Rolling Bogies	\$217,896.00
PD3650HN/1000 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 5 CY Debris Tank, 1000 Gal H2O, Single Engine, 4X2 and Rolling Bogies	\$219,722.00
PD3690HN/850 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 9 CY Debris Tank, 850 Gal H2O, Single Engine, 4X2	\$212,353.00
PD3690HN/1000 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 9 CY Debris Tank, 1000 Gal H2O, Single Engine, 4X2	\$214,180.00
PD3611HEN/850 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 850 Gal H2O, Single Engine, 6X4, Extended Frame	\$223,410.00

PD3611HEN/1000 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1000 Gal H2O, Single Engine, 6X4, Extended Frame	\$224,960.00
PD3611HEN/1300 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1300 Gal H2O, Single Engine, 6X4, Extended Frame	\$230,338.00
PD3611HEN/1500 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1500 Gal H2O, Extended Frame, Single Engine, 6X4. Cannot be used with High Dump.	\$236,038.00
PD3612HEN/850 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 850 Gal H2O, Single Engine, 6X4, Extended Frame	\$228,510.00
PD3612HEN/1000 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1000 Gal H2O, Single Engine, 6X4, Extended Frame	\$230,338.00
PD3612HEN/1300 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1300 Gal H2O, Single Engine, 6X4, Extended Frame	\$235,827.00
PD3612HEN/1500 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1500 Gal H2O, Extended Frame, Single Engine, 6X4. Cannot be used with High Dump.	\$241,527.00
PD3616HEN/1300 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 16 CY Debris Tank with Flat Style Rear Door, 1300 Gal H2O, Single Engine, 6X4, Consult Factory on Rear Axle Requirements, Extended Frame	\$248,975.00
PD3616HEN/1500 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG),	\$254,490.00

Hydrostatic Drive and Cyclone Separator, 16 CY Debris Tank with Flat Style Rear Door, 1500 Gal H2O, Extended Frame, Single Engine, 6X4. Consult Factory on Rear Axle Requirements. Cannot be used with High Dump.

PD4250HN/850 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 5 CY Debris Tank, 850 Gal H2O, Single Engine, 4X2 and Rolling Bogies	\$221,357.00
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PD4250HN/1000 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 5 CY Debris Tank, 1000 Gal H2O, Single Engine, 4X2 and Rolling Bogies	\$223,182.00
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PD4290HN/850 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 9 CY Debris Tank, 850 Gal H2O, Single Engine, 4X2	\$215,813.00
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PD4290HN/1000 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 9 CY Debris Tank, 1000 Gal H2O, Single Engine, 4X2	\$217,641.00
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PD4211HEN/850 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 850 Gal H2O, Single Engine, 6X4, Extended Frame	\$226,872.00
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PD4211HEN/1000 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1000 Gal H2O, Single Engine, 6X4, Extended Frame	\$228,562.00
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PD4211HEN/1300 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1300 Gal H2O, Single Engine, 6X4, Extended Frame	\$233,798.00
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PD4211HEN/1500 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1500 Gal H2O, Extended Frame, Single Engine, 6X4. Cannot be used with High Dump.	\$239,391.00
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PD4212HEN/850 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 850 Gal H2O, Single Engine, 6X4, Extended Frame	\$231,971.00
PD4212HEN/1000 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1000 Gal H2O, Single Engine, 6X4, Extended Frame	\$233,798.00
PD4212HEN/1300 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1300 Gal H2O, Single Engine, 6X4, Extended Frame	\$239,289.00
PD4212HEN/1500 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1500 Gal H2O, Extended Frame, Single Engine, 6X4. Cannot be used with High Dump.	\$244,884.00
PD4216HEN/1300 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 16 CY Debris Tank with Flat Style Rear Door, 1300 Gal H2O, Single Engine, 6X4. Consult Factory on Rear Axle Requirements, Extended Frame	\$252,436.00
PD4216HEN/1500 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 16 CY Debris Tank with Flat Style Rear Door, 1500 Gal H2O, Extended Frame, Single Engine, 6X4. Consult Factory on Rear Axle Requirements. Cannot be used with High Dump.	\$257,951.00
V250HN/850	Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 5 CY Debris Tank, 850 Gal H2O, Single Engine, 4X2 and Rolling Bogies	\$183,118.00
V350HN/850	Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 5 CY Debris Tank, 850 Gal H2O, Single Engine, 4X2 and Rolling Bogies	\$193,676.00
V250HN/1000	Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 5 CY Debris Tank, 1000 Gal H2O, Single Engine, 4X2 and Rolling Bogies	\$184,534.00
V350HN/1000	Includes: 3 Stage Vac-Con Blower, Hydrostatic	\$194,541.00

Drive, 5 CY Debris Tank, 1000 Gal H2O, Single Engine, 4X2 and Rolling Bogies

V290HN/850	Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 9 CY Debris Tank, 850 Gal H2O, Single Engine, 4X2	\$178,463.00
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V390HN/850	Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 9 CY Debris Tank, 850 Gal H2O, Single Engine, 4X2	\$188,998.00
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V290HN/1000	Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 9 CY Debris Tank, 1000 Gal H2O, Single Engine, 4X2	\$180,346.00
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V390HN/1000	Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 9 CY Debris Tank, 1000 Gal H2O, Single Engine, 4X2	\$190,822.00
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V211HEN/850	Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 11 CY Debris Tank, 850 Gal H2O, Single Engine, 6X4, Extended Frame	\$189,303.00
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V311HEN/850	Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 11 CY Debris Tank, 850 Gal H2O, Single Engine, 6X4, Extended Frame	\$200,053.00
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V211HEN/1000	Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 11 CY Debris Tank, 1000 Gal H2O, Single Engine, 6X4, Extended Frame	\$191,127.00
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V311HEN/1000	Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 11 CY Debris Tank, 1000 Gal H2O, Single Engine, 6X4, Extended Frame	\$201,602.00
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V211HEN/1300	Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 11 CY Debris Tank, 1300 Gal H2O, Single Engine, 6X4, Extended Frame	\$196,575.00
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V311HEN/1300	Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 11 CY Debris Tank, 1300 Gal H2O, Single Engine, 6X4, Extended Frame	\$206,980.00
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V211HEN/1500	Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 11 CY Debris Tank, 1500 Gal H2O, Extended Frame, Single Engine, 6X4. Cannot be used with High Dump.	\$202,172.00
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V311HEN/1500	Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 11 CY Debris Tank, 1500 Gal H2O, Extended Frame, Single Engine, 6X4. Cannot be used with High Dump.	\$212,573.00
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V212HEN/850	Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 12 CY Debris Tank, 850 Gal H2O, Single Engine, 6X4, Extended Frame	\$194,678.00
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V312HEN/850	Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 12 CY Debris Tank, 850 Gal H2O, Single Engine, 6X4, Extended Frame	\$205,152.00
V212HEN/1000	Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 12 CY Debris Tank, 1000 Gal H2O, Single Engine, 6X4, Extended Frame	\$196,505.00
V312HEN/1000	Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 12 CY Debris Tank, 1000 Gal H2O, Single Engine, 6X4, Extended Frame	\$206,980.00
V212HEN/1300	Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 12 CY Debris Tank, 1300 Gal H2O, Single Engine, 6X4, Extended Frame	\$202,070.00
V312HEN/1300	Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 12 CY Debris Tank, 1300 Gal H2O, Single Engine, 6X4, Extended Frame	\$212,471.00
V212HEN/1500	Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 12 CY Debris Tank, 1500 Gal H2O, Extended Frame, Single Engine, 6X4. Cannot be used with High Dump.	\$207,667.00
V312HEN/1500	Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 12 CY Debris Tank, 1500 Gal H2O, Extended Frame, Single Engine, 6X4. Cannot be used with High Dump.	\$218,067.00
V216HEN/1300	Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 16 CY Debris Tank with Flat Style Rear Door, 1300 Gal H2O, Single Engine, 6X4. Consult Factory on Rear Axle Requirements, Extended Frame	\$215,173.00
V316HEN/1300	Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 16 CY Debris Tank with Flat Style Rear Door, 1300 Gal H2O, Single Engine, 6X4. Consult Factory on Rear Axle Requirements, Extended Frame	\$225,618.00
V216HEN/1500	Includes: 2 Stage Vac-Con Blower, Hydrostatic Drive, 16 CY Debris Tank with Flat Style Rear Door, 1500 Gal H2O, Extended Frame, Single Engine, 6X4. Consult Factory on Rear Axle Requirements. Cannot be used with High Dump.	\$231,052.00
V316HEN/1500	Includes: 3 Stage Vac-Con Blower, Hydrostatic Drive, 16 CY Debris Tank with Flat Style Rear Door, 1500 Gal H2O, Extended Frame, Single Engine, 6X4. Consult Factory on Rear Axle Requirements. Cannot be used with High Dump.	\$241,496.00

Auxiliary

John Deere Tier 4 Technology. Model: 4045HFC04 EPA Certified. 140HP @ 2400 RPM	Please consult factory for availability	\$31,974.00
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Booms

Fixed Boom - Standard		\$0.00
6' Aluminum Telescoping Boom with Pendant Control Station		\$9,131.00
10' Aluminum Telescoping Boom with Pendant Control Station		\$13,704.00
6' Aluminum Telescoping Boom with 10" Inlet and Pendant Control Station	10" Boom Inlet, Boom and Elbow with 10" to 8" Adapter & 8" hose	\$15,749.00
10' Aluminum Telescoping Boom with 10" Inlet and Pendant Control Station	10" Boom Inlet, Boom and Elbow with 10" to 8" Adapter & 8" hose	\$20,320.00

Blower Drives

Hydrostatic Drive	If included in base price	\$0.00
High Volume Hydrostatic Drive Upgrade	Option Price	\$11,719.00
High Volume Hydrostatic Drive Upgrade when Hydrostatic is included in base machine price	Optional Price if Hydrostatic Drive is included in Base Price	\$1,949.00

Hose Reels

Front Mounted, Fixed, Standard		\$0.00
Front Mounted, Fixed, 800' (1") Capacity		\$3,494.00
Front Mounted, Articulating to Driver Side (Std Pivot)		\$13,544.00
Front Mounted, Articulating to Driver Side, 800' (1") Capacity (Std. Pivot)		\$17,035.00
Front Mounted, Articulating to Passenger Side (Reverse Pivot)		\$13,586.00
Front Mounted, Articulating to Passenger Side, 800' (1") Capacity (Reverse Pivot)		\$17,079.00
Rear Mounted, Articulating Hose Reel	Pivot to Driver's Side	\$13,557.00
Rear Mounted, Articulating Hose Reel, 800' Capacity	Pivot to Driver's Side	\$17,035.00
Front Mounted Swivel Hose Reel, 600' (1") Capacity		\$11,735.00
Rear Mounted Swivel Hose Reel, 600' (1") Capacity		\$9,452.00

Hose Reel Options

Hose Reel Cage		\$1,164.00
Power Guide "Reel Power" level wind guide		\$5,072.00
Electro Magnet for outrigger leg		\$4,873.00
Pinch Roller/Tensioner Device		\$2,306.00

Hose Footage Counter (Standard - Driver Side)		\$580.00
Hose Footage Counter (Curb Side)		\$580.00
Digital electronic footage counter	Standard on Omnibus Precision Power(TM)	\$3,869.00
Metric Hose Counter (Driver Side)		\$580.00
Dual Roller Level Wind Guide, plastic (in lieu of single)		\$183.00
Aluminum Single Roller Level Wind Guide, (in lieu of plastic)		\$452.00
Aluminum Dual Roller Level Wind Guide, (in lieu of plastic)		\$680.00
HD Level Wind Guide Aluminum	711-24985 (A16 Variable)	\$238.00
Water Systems		
30 gpm/3000 psi FMC Pump - Single Engine, Hydrostatic Drive		\$0.00
60 gpm/2000 psi FMC Pump - Single Engine - Hydrostatic Drive		\$0.00
60 gpm/2500 psi FMC Pump - Single Engine - Hydrostatic Drive		\$0.00
50 gpm/3000 psi FMC Pump - Single Engine - Hydrostatic Drive		\$0.00
80 gpm/2000 psi FMC Pump - Single Engine - Hydrostatic Drive		\$0.00
80 gpm/2500 psi FMC Pump - Single Engine - Hydrostatic Drive		\$0.00
Water System Options		
Debris Body "Power Flush" System, 8 jets		\$1,944.00
Flush Out connection for rear door valve	Pick one for each drain port needed	\$522.00
Centrifugal Compressor Fan Flush Out System		\$1,205.00
Water & Debris Tanks Tied Together		\$2,290.00
Winter Recirculating connection for low pressure circuit.	Requires winter recirculating system for rodder hose.	\$261.00
Winter Recirculating connection for high pressure circuit.	Requires winter recirculation system for rodder hose.	\$447.00
Artic Winter Recirculating System for rodder hose, includes plumbing to upper water tanks.		\$1,300.00
Air Purge System		\$838.00
Drivers Side Hand Gun Connection		\$302.00
Rear Hand Gun Connection		\$302.00
Front Bumper Hand Gun Connection		\$350.00
Pre-Tank Water Filter (In-line)		\$350.00

Pre-Tank Water Filter (Y-type)		\$935.00
2½" Water Drain Gate Valve Assembly (cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one)	Note: cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one.	\$295.00
1/4 turn ball valve water drain (cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one)	Note: cannot choose both 2-1/2" gate valve and 1/4 turn ball valve, only choose one.	\$457.00
Automatic Continuous Fill System		\$2,192.00
Folding Spray Bar Assembly with In Cab Controls		\$3,778.00
Variable Flow Valve (Valve Only) - nozzles required		\$433.00
50' Capacity Retractable Hand Gun Hose Reel	Hose included	\$2,053.00
100' Capacity Handgun Hose Reel	Hose Included	\$3,608.00
Water Ring Assembly (inlet mounted)		\$2,222.00
Pulsation Feature for Water Pump		\$3,598.00
Lateral Cleaning Kit w/150' x ½" Hose w/Nozzle, Dolly style mounts		\$3,188.00
Lateral Cleaning Kit w/200' x 1/2" Hose w/Nozzle, Permanently Mtd, Electronically Controlled		\$5,887.00
Lateral Cleaning Kit w/400' Hose w/Nozzle, Permanently Mtd, Hydraulically Controlled		\$7,364.00
Street Flusher, 450 GPM, air actuated spray heads, includes water and debris tanks tied together	Consult factory for adaptability for Single Engine Design	\$33,419.00
Water Pump Remote Oil Drain		\$271.00
Chemical Tank (15) Gallons	120volt Pump with Invertor (Consult Factory for Compatibility) 711-8088	\$3,153.00
Boiler/Water Heater 900,000 BTU	667-0100	\$23,322.00
Boiler/Water Heater 420,000 BTU	667-0099	\$19,814.00
Anti-Freeze System	17 gallon reservoir with ball valve for changing system. System uses bio-degradable anti-freeze only.	\$2,042.00
Winter Recirculation System - FOR USE WITH TRANSFER CASE DRIVEN WATER PUMPS ONLY		\$2,704.00
Provision for Dealer/Customer installed Vaporooter Commander	Specify Desired Location	\$0.00
Gate Valve at Water Pump Inlet		\$662.00
Water Pump Flow Meter - Omnibus Units Only		\$2,153.00

Winter Recirculating System for Rodder Hose - ONLY for use with FEPTO-driven water pumps \$1,035.00
 ONLY for FEPTO-driven water pumps

Water System Accessories

Hand Gun Assembly, Low Pressure	Hand Gun Only - no hose	\$311.00
Hand Gun Assembly with 25' of 1/2" hose, Low Pressure		\$643.00
10' Hand Gun Hose Extension		\$115.00
25' Hand Gun Hose Extension		\$264.00
30' Hand Gun Hose Extension		\$306.00
50' Hand Gun Hose Extension		\$400.00
Water Ring (Ring Only)		\$469.00
Hand Gun Bracket Assembly		\$72.00
Hand Gun Assembly (2) Handle with Adjustable Spray		\$581.00
Cam-locks for Water Fill Hose		\$240.00
Cam-locks for Rear Drain Hose		\$338.00
Additional Water Tank Sight Guage (Drivers Side)		\$185.00
711-53686 Hydro. X Lance Assy. - Must Choose Hydro X. Package - 72" with quick disconnects, 1/2 schedule 80, horizontal handle	Standard with Hydro. X Package - Extensions are Available	\$0.00
711-30906 A 48" Extension for 711-53686 high-pressure handwand	Must choose 711-53686 Hydro. X Lance Assy.	\$172.00
711-TBA 72" Extension for 711-53686 high-pressure handwand	Must choose 711-53686 Hydro. X Lance Assy.	\$183.00
711-30903 High-pressure handwand 51"x1/2" S.S., pistol grip handle with adjustable handle (No extensions available) - Single foward jet	No extensions available	\$1,068.00
711-30903T Turbo Jet with Single Foward Jet		\$1,077.00
711-30903A Multiple Forward Jets with Chisel Nozzle		\$1,088.00

Jet Rodder Hose

400' x 3/4" Jet Rodder Hose - Standard	3000 psi/7500 psi	\$0.00
500' x 3/4" Jet Rodder Hose	3000 psi/7500 psi	\$447.00
600' x 3/4" Jet Rodder Hose	3000 psi/7500 psi	\$893.00
700' x 3/4" Jet Rodder Hose - (non-continuous)	3000 psi/7500 psi	\$1,337.00
800' x 3/4" Jet Rodder Hose - (non-continuous)	3000 psi/7500 psi	\$1,783.00
1000' x 3/4" Jet Rodder Hose - (non-continuous)	3000 psi/7500 psi	\$2,672.00
400' x 1" Jet Rodder Hose - Standard	2500 psi/6250 psi	\$0.00
500' x 1" Jet Rodder Hose	2500 psi/6250 psi	\$447.00

600' x 1" Jet Rodder Hose	2500 psi/6250 psi	\$893.00
700' x 1" Jet Rodder Hose - (non-continuous)	Requires large hose reel - 2500 psi/6250 psi	\$1,337.00
800' x 1" Jet Rodder Hose - (non-continuous)	Requires large hose reel - 2500 psi/6250 psi	\$1,783.00
400' x 1" - 3000 psi Jet Rodder hose	3000 psi/7500 psi	\$646.00
500' x 1" - 3000 psi Jet Rodder Hose	3000 psi/7500 psi	\$1,291.00
600' x 1" - 3000 psi Jet Rodder Hose	3000 psi/7500 psi	\$1,903.00
700' x 1" 3000 psi - Jet Rodder Hose - (non-continuous)	Requires large hose reel - 3000 psi/7500 psi	\$2,221.00
800' x 1" 3000 psi - Jet Rodder Hose - (non-continuous)	Requires large hose reel - 3000 psi/7500 psi	\$3,126.00
500' x 1 1/4" Jet Rodder Hose	Standard on 120 gpm water system - 2500 psi/6250 psi	\$0.00
800' x 3/4" Jet Rodder Hose - Continuous	3000 psi/7500 psi	\$3,843.00
800' x 1" Jet Rodder Hose - Continuous	2500 psi/6250 psi	\$3,843.00
800' x 1" 3000 psi - Jet Rodder Hose - Continuous	3000 psi/7500 psi	\$5,184.00
Spare Rolls of Jet Rodder Hose		
400' Spare Roll of Jet Rodder Hose	3/4" 3000 psi or 1" 2500 psi	\$1,792.00
500' Spare Roll of Jet Rodder Hose	3/4" 3000 psi or 1" 2500 psi	\$2,252.00
600' Spare Roll of Jet Rodder Hose	3/4" 3000 psi or 1" 2500 psi	\$2,678.00
Debris Body Options		
Hydraulic Rear Door Opener, removes door grabber	Removes door grabber; Stand. on Highdump; Not Available w/ Flatdoor	\$3,782.00
6" Knife Valve, Lower Rear Door Mounted with Cam-Lock (Drain hose NOT included)	(Drain hose NOT included)	\$2,016.00
6" Knife Valve with Center Post and Handle, in Lieu of the 5" Butterfly Valve (662-0125)	Standard drain hose included	\$735.00
8" Knife Valve, Lower Rear Door Mounted (Drain hose NOT included)	(Drain hose NOT included)	\$2,184.00
6" Air operated knife valve/Front Drivers Side Mounted w/Cam-lock and 25' of layflat hose with Cam-lock		\$2,759.00
Debris Tank Inspection Hatch , 8" w/steps & handles		\$772.00
Rear, Hydraulic Pump Off System, 200 GPM w/20' lay flat Hose	Optional pump placement below	\$7,077.00
Rear, Hydraulic Pump Off System, 350 GPM w/20' lay flat Hose	Optional pump placement below	\$9,431.00
Rear, Hydraulic Pump Off System, 400 gpm with 20' lay flat hose	Optional pump placement below	\$9,431.00
Rear, Hydraulic Pump Off System, 450 gpm	Optional pump placement below	\$12,735.00

with 20' lay flat hose

Rear, Hydraulic Pump Off System, 575 GPM w/20' lay flat Hose	Optional pump placement below	\$12,735.00
Gravity Drain System; plumbing to gate valve at mid-passenger side of unit, allowing return of liquids to the manhole		\$1,885.00
High Dump Option, Single Axle (9 Yard)	Includes: Rear Hydraulic Door Opener and wireless remote pendant	\$21,134.00
High Dump Option, Tandem Axle	Includes: Rear Hydraulic Door Opener and wireless remote pendant	\$25,358.00
A Flat Style Rear Door ilo Dome Style Door Including Hydraulic Opener will be Provided	A Wear Plate, Swing Style is Included	\$5,429.00
Rear Splash Shield - Rear Flange Mounted	Domed or Flat Door	\$1,901.00
Rear splash guard (2 - 10 O'clock) - tank mounted		\$2,645.00
Rear Splash Shield Diamond Plate Aluminum		\$3,697.00
Water Tank Side Panels, Diamond Plate Aluminum		\$1,706.00
Vacuum Enhancer, Fan or PD, Air Operated		\$4,874.00
Wear Plate, Swing Style		\$1,035.00
Rubber pad on standard deflector	On flat door, will be on swing style wear plate	\$510.00
Electric Vibrator		\$4,234.00
Wear Plate to cover entire rear door, with hinge		\$1,004.00
Built in Body Prop - Rear Support Frame Mounted		\$470.00
Move Pump Off to Front, Driver's Side of Debris Tank	Must be used with "Rear Pump Off System" option	\$773.00
Move Pump Off to Front, Curbside of Debris Tank	Must be used with "Rear Pump Off System" option	\$773.00
Rear Door Drain Valve Flush Out Connection	Select per valve if multiple required	\$471.00
Stainless Steel Ball on Debris Body Level Indicator	Replaces plastic	\$243.00
Screen assembly over drain port in debris tank	MUST PICK PLACEMENT OF SCREEN BELOW	\$447.00
Debris tank drain screen placement - Standard drain valve	Must be used with "Debris tank drain screen assembly"	\$0.00
Debris tank drain screen placement - Rear door pump off	Must be used with "Debris tank drain screen assembly"	\$0.00
Debris tank drain screen placement - Front debris tank drain	Must be used with "Debris tank drain screen assembly"	\$0.00
Debris tank drain screen placement - Front	Must be used with "Debris tank drain screen	\$0.00

debris tank pump off assembly"

Electrical Options

Low Water Alarm with Light		\$509.00
Body Load Limit Alarm, Level Indicator		\$684.00
Rear Axle Load Limit Alarm		\$926.00
Front Axle Load Limit Alarm		\$926.00
Remote Control (Wireless): Boom, Vacuum Breaker, Throttle & Debris Body (includes Hi-Dump, if applicable). Does not include remote cable pendant controls for boom or hi dump.	Replaces Standard Pendant	\$4,650.00
4 Way Pendant Control Station		\$512.00
6 Way Pendant Control Station (Spare)		\$512.00
Grounding Cable with Screw Clamp & 25' of Cable		\$511.00
Hi Dump pendant control station with 25' cable		\$415.00
Back Up Alarm	(Standard on Vac-Con 114SD Pool Trucks)	\$274.00
Grounding Mat		\$979.00
Digital Scale System	Single Axle or Tandem Axle	\$7,092.00
Data Logging and Telematics System	Requires Omnibus Precision Power (OPP) Option	\$9,137.00
Additional E-stop at Dump Station		\$442.00
Traffic Camera With Color Monitor - MUST PICK CAMERA PLACEMENT	Pick up to FOUR cameras maximum	\$1,194.00
Rear Camera Placement	To be used with "Traffic Camera" option	\$553.00
Curbside Camera Placement - Mirror Mounted Standard	To be used with "Traffic Camera" option	\$553.00
Driver's Side Camera Placement - Mirror Mounted Standard	To be used with "Traffic Camera" option	\$553.00
Front Bumper Camera Placement	To be used with "Traffic Camera" option	\$553.00
Front Hose Reel Camera Placement - To View in Front of Hose Reel Area	To be used with "Traffic Camera" option	\$553.00
Omnibus Precision Power System (OPP)- Electronic Controller System- Includes: a color monitor, electronic footage counter, and pressure compensated hydraulics. AVAILABLE DUAL AND SINGLE ENG MACHINES.	Compatible chassis: Freightliners with Cummins ISL and Detroit Diesel DD13, International with N-10, and Peterbilt with ISL and PX	\$5,496.00

Lighting Options

Mirror Mounted LED Beacon/Strobe Light with Limb Guard - Whelen L21HAP LED Beacon with Whelen BGH Branch Guard	Please Indicate Driver Side or Passenger Side; When (1) is selected, D/S is standard	\$928.00
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LED strobe with Limb Guard, Rear Debris Tank Mounted - Whelen L21HAP LED Beacon with Whelen BGH Branch Guard		\$928.00
LED 4 Strobes - (2) front bumper / (2) rear bumper - Whelen 50A03ZCR - Amber		\$1,913.00
LED Arrow Board, Rear Debris Tank Door Mounted - Whelen TA1251NF1 Traffic Arrow		\$3,731.00
LED Arrow stick - Whelen TAM85 Traffic Advisor		\$2,818.00
Arrow Board, D.O.T., WANCO, LED - Rear Debris Tank Door Mounted		\$6,542.00
Hand Held Spot Light - LED		\$600.00
Hand Held Spot Light - LED with 50' Retractable Cord		\$1,057.00
Hand Light Connection, Rear Dump Control Location	Reaches entire unit	\$121.00
LED Boom Mounted Flood Lights with Limb Guard - Whelen NP6BB Worklight		\$736.00
LED Rear Mounted Flood Lights with Limb Guard - Whelen NP6BB Worklight		\$736.00
LED Flood Light - Water Pump Work Area with Limb Guard - Whelen NP6BB Worklight		\$416.00
LED Flood Light - Level Wind Guide with Limb Guard - Whelen NP6BB Worklight		\$416.00
Midbody LED Strobes - Frame Mounted - Whelen 50A03ZCR - Amber	When picked with bumper strobes - (6) strobes total	\$972.00
LED Midbody Flood Lights with guards - Whelen NP6BB (Driverside and Curbside)		\$736.00
Misc Machine Options		
Heavy Reinforced Elbow "Wear Back"		\$1,110.00
Heavy Duty Rubber Hose in lieu of Kanaflex (replace standard)	(Limits Boom Rotation)	\$1,292.00
Cyclone Separator, add on for fan units, consult factory for adaptability	Contact factory for adaptability. Standard on PD units.	\$4,901.00
Hydraulic Power Tool Option, front bumper control valve mount location		\$3,387.00
Hydraulic Power Tool Option, Rear Bumper Control Valve Mount Location		\$3,877.00
Offset Manhole Roller 711-0050		\$382.00
Grate Lifting Hook 711-9700		\$446.00
Rear Mounted Tow Hooks		\$354.00

Remote Boom Grease Zerk Assembly (Ground Level - includes water pump drive) - If Applicable		\$2,391.00
Remote Debris Tank Grease Assembly (Ground Level)	Does not include rollers or cams	\$2,577.00
Grease Assembly Articulating Hose Reel		\$1,104.00
Remote Hi-Dump Grease Assembly (Single Axle)		\$1,890.00
Remote Hi-Dump Grease Assembly (Tandem Axle)		\$2,260.00
Automatic Lube System - in addition to manual remote grease options (Vac-Con Module)		\$5,300.00
Automatic Lube Kit for Centrifugal Compressor	Available on 2-Stage or 3-Stage Blower	\$2,769.00
Hydraulic System Temperature Gauge		\$325.00
Vacuum gauge front bumper location behind reel		\$563.00
Plastic engraved decals - adhesive type (ilo standard)		\$1,715.00
Water Cooler Rack		\$307.00
Centrifugal Compressor Quiet Silencer, Class 4, 304 Stainless Steel Construction, 14in x 40in with 8in discharge		\$4,806.00
Spanish Decals		\$0.00
French Decals		\$0.00
Vanair PTO Shaft Driven Underdeck Mount Air Compressor with Air Knife, Retractable Reel w/70' x 3/4" hose, 185 CFM at 100-150 psi rating. (Delete driver side front water tank).		\$29,453.00
12VDC Auxiliary Hydraulic Pump	Back-up to standard hydraulic pump	\$2,869.00
Rear Bumper Assembly	Standard on Hi-Dump	\$1,766.00
Long Handle Storage/PVC (2) - MUST SELECT LOCATION BELOW		\$505.00
Long Handle Storage Placement - Mounted in Storage Box Under Shelf	Standard with Hydro-X package	\$0.00
Long Handle Storage Placement - Rear of Mainframe	Must be picked with "Long Handle Storage/ PVC (2)" above - UNAVAILABLE ON 1500 GALLON UNITS	\$0.00
Cone Storage Rack - MUST SELECT PLACEMENT BELOW		\$417.00
Cone Storage Rack Placement - Rear of Frame	Must be used with "Cone Storage Rack" Option	\$0.00
Cone Storage Rack Placement - Best Location	Must be used with "Cone Storage Rack" option	\$0.00

Driver's Side		
Cone Storage Rack Placement - Best Location Curbside	Must be used with "Cone Storage Rack" option	\$0.00
Cone Storage Rack Placement - Best Location - Vac-Con to select	Must be used with "Cone Storage Rack" option	\$0.00
Cone Rack, Hinged Style/Deck		\$750.00
Cone Rack, Between Bogies, Tandem	(2) racks included, one each side	\$555.00
Misc Accessories		
Hose Guide, spare 665-0004		\$181.00
Catch Basin Retriever 711-0371		\$570.00
Manhole Cover Lifting Hook 681-0084		\$109.00
Cover Shover 681-0143		\$651.00
5# Fire Extinguisher, spare (one is standard)		\$160.00
First Aid Kit 690-0500		\$98.00
Triangle Kit 690-0494 (one is standard), spare		\$98.00
Grease Gun 690-0093		\$79.00
Anti-Sail Mud Flaps (rear)		\$307.00
Vacuum Tubing		
3' x 8" Aluminum Pipe Extension		\$243.00
4' x 8" Aluminum Pipe Extension		\$268.00
5' x 8" Aluminum Pipe Extension		\$287.00
6' x 8" Aluminum Pipe Extension		\$322.00
7' x 8" Aluminum Pipe Extension		\$354.00
8' x 8" Aluminum Pipe Extension		\$354.00
10' x 8" Aluminum Pipe Extension		\$388.00
6 $\frac{1}{2}$ ' x 8" Catch Basin Nozzle with Serrated End		\$369.00
7 $\frac{1}{2}$ ' x 8" Catch Basin Nozzle with Serrated End		\$406.00
Non-conducting Catch Basin Nozzle		\$1,059.00
Leaf Nozzle, 25" x 8" No Holes		\$264.00
8" Adjustable Air Gap w/quick clamp	(1) 8" quick clamp included	\$470.00
Snorkel Nozzle Kit (Includes 1- 3' pipe) 711-0031		\$496.00
5' x 5" Snorkel Pipe Nozzle Extension 800-0127		\$160.00
3' x 8" Clear Demo Tube 711-1255		\$578.00
Circular Operator Handle 711-0172		\$268.00
8" to Double 4" Y Adapter 800-0476		\$382.00
8" Flange to 6" Sleeve Adapter 800-0351		\$191.00

8" Quick Clamp, spare, 680-0015		\$41.00
8" Gasket with Holes 690-0025		\$12.00
8" Rubber Debris Hose / Per Foot 680-0001		\$83.00
8" Hose End 800-0097		\$101.00
8" Power Clamp 680-0016		\$115.00
Rubber Kanaflex hose end for CB Tube/Hydroexcavation		\$118.00
5' x 6" Aluminum Pipe	6" Intake System	\$287.00
3' x 6" Aluminum Pipe	6" Intake System	\$242.00
6' x 6" Aluminum Pipe	6" Intake System	\$322.00
6" Quick Clamp	6" Intake System	\$54.00
6" Adjustable Air Gap	6" Intake System (1) 6" quick clamp included	\$448.00
8" Flange to 6" Flange Adapter (800-0647)		\$202.00
6 1/2' x 6" Catch Basin Nozzle with Serrated End		\$215.00

Pipe Storage Racks - 4 standard per unit

Additional Pipe Rack(s), specify any requested locations in comments section, otherwise engineering will place in best available locations.	Specify any requested location in comments section	\$188.00
Vertical Pipe Rack (Holds 3 Pipes)		\$561.00
Lazy Susan Pipe Rack (Holds 5 Pipes)	Consult Factory for Compatibility	\$2,571.00
Folding Pipe Rack (3), Mtd Rear Door		\$2,909.00
Folding Pipe Rack (3), Tank Mtd, Driver Side		\$2,909.00
Folding Pipe Rack (3), Tank Mtd, Curbside	Not Available on 3-Yard Machine	\$2,909.00
Additional Side Steps (8 are Standard)		\$109.00

Tool / Storage Boxes

Storage Box Behind Cab 16" x 42" x 96"	Std on units with 1300 & 1500 gallons of water and 5 yard units with 1000 gallons	\$2,390.00
Aluminum Storage Box Behind Cab 16" x 42" x 96"		\$5,130.00
Aluminum Storage Box Behind Cab in lieu of Standard Steel		\$2,742.00
(2) Roll out shelves for storage box behind cab		\$1,598.00
Side Mounted Tool Box 35" x 14" x 24"		\$795.00
35" x 14" x 24" Aluminum Side Mounted Tool Box, ea (ilo steel)	Consult factory for additional room	\$500.00
Dry Decking - side tool boxes (6' & 35") - each		\$219.00
Dry Decking - behind cab storage box (96")		\$535.00
16x42x48 Steel Storage Box (Drivers Side	Consult factory for adaptability on tandem axle	\$1,163.00

Behind Cab)	units	
16x42x48 Aluminum Storage Box (Drivers Side Behind Cab)	consult factory for adaptability on tandem axle units	\$2,999.00
24x18x18 Steel Tool Box (Extended Frame Units w/o rear tanks)		\$920.00
(2) 24x18x18 Aluminum Tool Box (Extended Frame Units w/o Rear Tanks)		\$1,776.00
(2) Front Bumper Tool Boxes 8"x14"x6" Aluminum	711-50463 Curbside/711-50484 Driver's side	\$883.00

3/4" Spare Nozzles

3/4" Nozzle rack		\$120.00
3/4" 30 gpm - Standard Nozzle, spare		\$387.00
3/4" 50 gpm - Standard Nozzle, spare		\$387.00
3/4" 30 gpm Penetrator Chisel - Standard, spare		\$444.00
3/4" 50 gpm Penetrator Chisel - Standard, spare		\$444.00
3/4" Nozzle Pipe Assembly (skid), spare		\$102.00
3/4" 30 gpm Grenade Nozzle		\$832.00
3/4" 50 gpm Grenade Nozzle		\$832.00
Aluminum Storm Nozzle 3/4" 30 gpm		\$461.00
Aluminum Storm Nozzle 3/4" 50 gpm		\$461.00
3/4" Storm Nozzle Pipe Assembly (skid)		\$102.00
3/4" 30 gpm Rotating Spinning Nozzle		\$980.00
3/4" 50 gpm Rotating Spinning Nozzle		\$980.00
3/4" 30 gpm Little Bruce 5" Culvert Nozzle		\$1,442.00
3/4" 50 gpm Little Bruce 5" Culvert Nozzle		\$1,442.00
3/4" Brass Flusher Nozzle		\$72.00

1" Spare Nozzles

1" Nozzle rack		\$120.00
Aluminum Storm Nozzle 1" 60 gpm		\$461.00
Aluminum Storm Nozzle 1" 70 gpm		\$461.00
Aluminum Storm Nozzle 1" 80 gpm		\$461.00
1" Storm Nozzle Pipe Assembly (skid)		\$102.00
1" 60 gpm Standard Nozzle, spare		\$387.00
1" 70 gpm Standard Nozzle, spare		\$387.00
1" 80 gpm Standard Nozzle, spare		\$387.00
Standard nozzle		\$387.00
1" 60 gpm Penetrator Chisel - Standard, spare		\$444.00
1" 70 gpm Penetrator Chisel - Standard, spare		\$444.00
1" 80 gpm Penetrator Chisel - Standard, spare		\$444.00

Penetrator nozzle	\$444.00
1" Nozzle Pipe Assembly (skid), spare	\$102.00
1" 60 gpm Grenade Nozzle	\$832.00
1" 70 gpm Grenade Nozzle	\$832.00
1" 80 gpm Grenade Nozzle	\$832.00
Grenade nozzle	\$832.00
1" 60 gpm Rotating Spinning Style	\$980.00
1" 70 gpm Rotating Spinning Style	\$980.00
1" 80 gpm Rotating Spinning Style	\$980.00
Little Bruce culvert nozzle	\$2,105.00
1" 60 gpm Big Otto 8" Culvert Nozzle	\$2,105.00
1" 70 gpm Big Otto 8" Culvert Nozzle	\$2,105.00
1" 80 gpm Big Otto 8" Culvert Nozzle	\$2,105.00
1" Brass Flusher Nozzle	\$84.00
Spare Nozzles	
Standard nozzle	\$387.00
Rotating Spinning Nozzle	\$980.00
Big Otto culvert nozzle	\$2,105.00
Leader Hose	
3/4" x 10' Length Leader Hose	\$270.00
1" x 10' Length Leader Hose	\$270.00
1-1/4" x 10' Length Leader Hose	\$270.00
3/4" x 15' Length Leader Hose	\$406.00
1" x 15' Length Leader Hose	\$406.00
1-1/4" x 15' Length Leader Hose	\$406.00
3/4" x 20' Length Leader Hose	\$433.00
1" x 20' Length Leader Hose	\$433.00
1-1/4" x 20' Length Leader Hose	\$433.00
3/4" x 25' Length Leader Hose	\$518.00
1" x 25' Length Leader Hose	\$518.00
1-1/4" x 25' Length Leader Hose	\$518.00
3/4" x 30" Length Leader Hose, Spare	\$128.00
1" x 30" Length Leader Hose, Spare	\$128.00
1-1/4" x 30" Length Leader Hose, Spare	\$128.00
Swedge Tools	
Hydraulic Swage Kit	\$2,919.00
Manual Swage Kit	\$1,913.00
1" Swage End	\$79.00

3/4" Swage End \$75.00

Root Cutter

Rotating Turbine Chain Scraper 5"-10" with skids & chain 10.125TR6-10 \$4,199.00

Rotating Turbine Chain Scraper with skids and Chain 10.125TR8-12 set \$4,398.00

1" to 3/4" Bushing for Chain Scraper \$19.00

1" Bulldog with skid 400.600BS \$3,479.00

3/4" Bulldog 400.060A \$3,171.00

Manuals

Electronic Vac-Con Manual (Thumb Drive), spare One electronic manual standard per unit \$199.00

Paper Vac-Con Manual - No longer standard \$199.00

Paint - Module Options

Ceramic Coating in Debris Tank, Single Axle \$4,650.00

Ceramic Coating in Debris Tank, Tandem Axle \$6,203.00

Paint Module: Single-Stage Polyurethane Elite White (white is standard unless otherwise specified. PPG code: 940813) \$0.00

Paint Module: Single-Stage Polyurethane Elite School Bus Yellow (PPG code: 916352) \$0.00

Paint Module: Single-Stage Polyurethane Elite Safety Yellow (PPG code: 920225) \$0.00

Paint Module: Single-Stage Polyurethane Elite Coca Cola Red (PPG code: 911065) \$0.00

Paint Module: Single-Stage Polyurethane Elite Candy Apple Red (PPG code: 918623) \$0.00

Paint Module: Single-Stage Polyurethane Elite Medium Blue (PPG code: 918345) \$0.00

Paint Module: Single-Stage Polyurethane Elite Deep Blue (PPG code: 918377) \$0.00

Paint Module: Single-Stage Polyurethane Elite Pepsi Blue (PPG code: 946949) \$0.00

Paint Module: Single-Stage Polyurethane Elite Omaha Orange (PPG code: 917204) \$0.00

Paint Module: Single-Stage Polyurethane Elite Cat Yellow (PPG code: 920339) \$0.00

Paint Module: Single-Stage Polyurethane Elite Lime Green (PPG code: 905804) \$0.00

Paint Module: Single-Stage Polyurethane Elite Green (PPG code: 918367) \$0.00

Paint Module: Single-Stage Polyurethane Elite Woodland Green (PPG code: 918359)		\$0.00
Undercoat - Vac-Con Module & Chassis		\$2,092.00
Paint Tool Box/Storage Boxes to match Unit	Standard - Black Powder Coating	\$770.00
Metallic paint Option		\$8,500.00
Mainframe Deck Coating	In lieu of adhesive grip tape	\$2,759.00
Painted steel upper water tank panels in lieu of standard aluminum diamond plate		\$570.00
Paint - Module Stripe Options		
Reflective Striping, Other than standard colors	Avail colors: Black, Red, Orange, Yellow, Green, Pink	\$690.00
Standard Striping Package - White 692-5204-01		\$0.00
Standard Striping Package - Blue 692-5204-02		\$0.00
Paint - Chassis Options		
Chassis Dealer to Paint Cab - Specify Color		\$5,000.00
Paint Chassis Hood Flat Black		\$770.00
Paint - Chassis Stripe Options		
Cab "Z" Striping Package, specify Color	Avail colors: White, Blue, Black, Red, Orange, Yellow, Green	\$1,249.00
Cab "Small Stripes" Striping Package, Specify Color	See available colors	\$1,249.00
Cab Painted with Flames		\$3,117.00
Pool Trucks (Chassis)		
Freightliner 108SD 4x2 37000GVWR ISL270 3000RDS		\$80,500.00
Freightliner 114SD 4x2 43000GVWR ISL370 3000RDS		\$88,200.00
Freightliner 114SD 6x4 66000GVWR ISL370 3000RDS		\$99,750.00
Freightliner 114SD 66000 6X4 10 SPD 450HP DD13		\$100,300.00
Freightliner 114SD 6x4 66000GVWR DD13 450HP 4500RDS		\$112,300.00
Freightliner 75DGE 114SD 4x2 43000GVWR ISL320 3000RDS		\$139,929.00
Freightliner 75DGE 114SD 6x4 60000GVWR ISL320 3000RDS		\$149,817.00
Peterbilt 348 4x2 43000GVWR PX-9 345HP 3000RDS	Single Axle	\$91,831.00
Peterbilt 348 6x4 66000GVWR PX-9 345HP 3000RDS	Tandem Axle	\$103,000.00

Pool Truck Modifications

Allison Series 3000 5-year/unlimited mileage	Requires TrandSynd Synthetic Transmission Fluid or TES-295	\$1,428.00
Allison Series 4500 5-year/unlimited mileage	Requires TrandSynd Synthetic Transmission Fluid or TES-295	\$1,770.00
IH 7300&7400: 3yrs./150,000mi. base-vehicle ext. warranty-Includes: 3yrs./UNLmi. towing, Navistar DT engine 3 yrs./150,000mi. W/Aftertreatment, Allison 3000 3yrs. is standard (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	3yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$5,139.00
IH 7300&7400: 4yrs./150,000mi. base-vehicle ext. warranty-Includes: 4yrs./UNLmi. towing, Navistar DT engine 4yrs./150,000mi. W/3yrs. of Aftertreatment, Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	4yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$7,784.00
Roll Bogies, Single Axle		\$2,712.00
Roll Bogies, Tandem Axle		\$3,540.00
Air dryer - Bendix AD-9		\$1,547.00
Air dryer - Bendix AD-IP	(Standard on Vac-Con 114SD Pool Trucks)	\$2,208.00
Air horn - single base	(Standard on Vac-Con 114SD Pool Trucks)	\$1,074.00
Air restriction gauge, dash mounted		\$697.00
Air seat, passenger		\$1,308.00
2-man passenger seat		\$1,320.00
Block Heater		\$855.00
Metric speedometer		\$1,042.00
Heated motorized mirrors		\$2,963.00
Silicone hoses		\$715.00
Front Mud Flaps		\$137.00
Transmission temperature gauge		\$1,388.00
Spare Tire and Rim, Front (Please specify size in comments)		\$2,006.00
Spare Tire and Rim, Rear (Please specify size in comments)		\$1,004.00
Spare Front Wheel (Please specify size in comments)		\$571.00
Spare Rear Wheel (Please specify size in comments)		\$255.00
12 ton jack & lug wrench		\$380.00
Chassis Parts Catalog		\$507.00

Chassis Operators Manual		\$65.00
Parts Manual on CD-Rom		\$507.00
Service Manual on CD-Rom		\$507.00
Wheel Simulators		\$2,524.00
Daytime Running Lights	(Standard on Vac-Con 114SD & IH Pool Trucks)	\$507.00
Remote Chassis Engine Start Switch		\$3,152.00
IH 7300&7400: 5yrs./150,000mi. base-vehicle ext. warranty-Includes: 5yrs./UNLmi. towing, Navistar DT engine 5yrs./150,000mi. W/3yrs. of Aftertreatment, Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	5yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$9,138.00
FR 114SD: 5yrs./200,000mi. ext. warranty: Includes-5yrs. towing, Cummins-ISL370 5yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	5yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$8,292.00
FR 114SD: 3yrs./200,000mi. ext. warranty: Includes- 3yrs. towing, Cummins-ISL370 3yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	3yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$5,241.00
FR 114SD: 4yrs./200,000mi. ext. warranty: Includes- 4yrs. towing, Cummins-ISL370 4yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	4yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$6,566.00
Duralift "Self-steer" suspension axle: 13,500lb./Air Ride, Air Lift w/295/75R22.5 tires (Consult factory for adaptability)	Consult Factory: Pusher or tag configuration	\$15,989.00



VAC-CON Titan

969 Hal Park Rd, Green Cove Springs, FL 32043
Tel: 904-284-4200 Fax: 904-284-3305

3-stage Aeroboost [®] Centrifugal compressor - high efficiency airflow design w/dual cyclone filtration
Upgrade ball valves 1 1/4" plumbing + heavy duty ball valves
Swivel upgrade 1-1/4" rotary union
10' telescopic boom
Flat style rear door w/ 4 wedge style locks & dual hydraulic open/ close cylinders to 90 Degree
Segmented heavy-duty wear back elbow
Electronic water-level gauge w/indicator light
Stainless Steel float & debris level indicator
3-stage blower centrifugal compressor quite package
Flushout- Debris body power flushout
Omnibus w/precision power
Hinge type / Body Prop Permanently mount debris body prop (hinge-type)
Splash shield
Main frame deck coating
Wireless remote
2 1/2" valve drain with 1/4 - turn ball valve
Lazy Susan pipe rack (5-pipe)
Rear bumper assembly w/storage
Vacuum System (as specified by Model Number)
Vacuum Drive: hydrostatic drive "high volume"
1/4" Corten steel debris tank
Hydraulic rear door locks
6" knife valve with 10' lay flat hose
Debris tank dumping: minimum 50 degree, hydraulic scissors lift- power up/power down
Cross-linked polyethylene water tanks
Automatic vacuum breaker and overflow protection
8" vacuum intake hose
Pivoting boom travel tie down
6 Way hydraulic boom with 230 degree rotation and joystick control
Front mounted 600' capacity articulating hose reel
60gpm/2000psi water pump system
Water pump drive: Standard Aux Engine GM gasoline powered

400' high pressure jet rodder hose
 Heavy-duty dual roller level wind guide (aluminum)
 Flexible hose guide (Tiger Tail)
 30" leader hose
 20gpm/800psi wash-down system w/hand-gun and 25' of hose
 Sealed and locking aluminum tool box (es) {as indicated by model number}
 1 each sanitary and penetrator nozzles
 25' aluminum intake(1'-3', 2'-5', 1'-6' and 1'-6.5' nozzles) w/ locking quick clamps
 ICC lighting LED
 Zinc, PPG Paint - line on process. "Aircraft-grade" primer
 12 month standard warranty for module
 5# Fire Extinguisher
 Set Triangles
 5 year centrifugal compressor (fans) warranty
 2 year water pump warranty
 5 year water pump drive warranty
 5 year debris tank warranty
 10 year water tank warrantry
 Aluminum Storage Box Behind Cab 16" x 42" x 96"

Description	Additional Info	Cost
Auxiliary		
-- Select Auxiliary System--		\$0.00
Blower Drives		
AQD Fan Drive for Titan	3-stage Aeroboost® Centrifugal compressor - high efficiency airflow design w/dual cyclone filtration	\$0.00
Models		
311E/850	Includes: 3 stage Vac-Con Blower, 11 CY Debris Tank, 850 Gal H2O, 6X4, Extended Frame	\$290,510.00
311E/1000	Includes: 3 Stage Vac-Con Blower, 11 CY Debris Tank, 1000 Gal H2O, 6X4, Extended Frame	\$292,057.00
311E/1300	Includes: 3 Stage Vac-Con Blower, 11 CY Debris Tank, 1300 Gal H2O, 6X4, Extended Frame	\$297,433.00
311E/1500	Includes: 3 Stage Vac-Con Blower, 11 CY Debris Tank, 1500 Gal H2O, 6X4, Extended Frame	\$303,028.00
312E/850	Includes: 3 Stage Vac-Con Blower, 12	\$295,405.00

	CY Debris Tank, 850 Gal H2O, 6X4, Extended Frame	
312E/1000	Includes: 3 Stage Vac-Con Blower, 12 CY Debris Tank, 1000 Gal H2O, 6X4, Extended Frame	\$297,433.00
312E/1300	Includes: 3 Stage Vac-Con Blower, 12 CY Debris Tank, 1300 Gal H2O, 6X4, Extended Frame	\$302,843.00
312E/1500	Includes: 3 Stage Vac-Con Blower, 12 CY Debris Tank, 1500 Gal H2O, 6X4, Extended Frame	\$308,439.00
PD3611HE/850 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 850 Gal H2O, 6X4, Extended Frame	\$310,898.00
PD3611HE/1000 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1000 Gal H2O, 6X4, Extended Frame	\$312,726.00
PD3611HE/1300 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1300 Gal H2O, 6X4, Extended Frame	\$316,386.00
PD3611HE/1500 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1500 Gal H2O, 6X4, Extended Frame	\$321,854.00
PD3612HE/850 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 850 Gal H2O, 6X4, Extended Frame	\$315,443.00
PD3612HE/1000 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1000 Gal H2O, 6X4, Extended Frame	\$317,269.00
PD3612HE/1300 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000CFM at 18" HG), Hydrostatic Drive and Cyclone	\$321,627.00

	Separator, 12 CY Debris Tank, 1300 Gal H2O, 6X4, Extended Frame	
PD3612HE/1500 (824 at 18")	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1500 Gal H2O, 6X4, Extended Frame	\$327,345.00
PD4211HE/850 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 850 Gal H2O, 6X4, Extended Frame	\$314,916.00
PD4211HE/1000 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1000 Gal H2O, 6X4, Extended Frame	\$316,741.00
PD4211HE/1300 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1300 Gal H2O, 6X4, Extended Frame	\$320,275.00
Pd4211HE/1500 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 11 CY Debris Tank, 1500 Gal H2O, 6X4, Extended Frame	\$325,871.00
PD4212HE/850 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 850 Gal H2O, 6X4, Extended Frame	\$319,459.00
PD4212HE/1000 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1000 Gal H2O, 6X4, Extended Frame	\$321,592.00
PD4212HE/1300 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1300 Gal H2O, 6X4, Extended Frame	\$325,770.00
PD4212HE/1500 (827 at 18")	Includes: Roots 827 RCS PD Blower Free Air up to 6000 CFM (4500CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1500 Gal H2O, 6X4, Extended Frame	\$331,333.00

18" HG), Hydrostatic Drive and Cyclone Separator, 12 CY Debris Tank, 1500 Gal H2O, 6X4, Extended Frame

Pool Truck Modifications

Add Front Frame Extensions to Chassis	Chassis Models Peterbilt 365/567, Kenworth T-800/T-880 Large Bore Engine Applications Without FFE	\$10,000.00
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Water System Options

Winter Recirculating connection for low pressure handgun	Requires winter recirculating system for rodder hose for excavation	\$261.00
Winter Recirculating connection for high pressure handgun	Requires winter recirculating system for rodder hose for excavation	\$447.00
Hydroexcavation package includes: 50' retractable handgun hose reel with 50' of 1/2" high pressure hose, HP Quick disconnect, heavy duty HP unloader valve, main control ball valve, 72x1/2 Sch. 80 Lance w/ Quick Con., Sngl. Fwd. Spray Nozzle, Horiz. Hand.		\$6,437.00

Water Systems

80 gpm/3000 psi Pump - 8000 Series Giant Pump	*Requires 6-cyl, Tier 4 Diesel engine selection*	\$9,778.00
80 gpm/3000 psi Pump - FMC Pump	*Requires 6-cyl, Tier 4 Diesel engine selection*	\$9,778.00
120 gpm/2000 psi Water System (includes 500' x 1" Hose & 800' Capacity Reel)	Requires 6-cyl, Tier 4 Diesel engine selection	\$24,254.00

Auxiliary

John Deere Tier 4 Technology, Model: 4045HFC04 EPA Certified, 140HP @ 2400 RPM	Please consult factory for availability	\$31,974.00
Ford Power Products Gas WSG-1068, 6.8 Liter, (415 CID) (10)-Cylinder, V-10, 222HP at 3200RPM/360 ftlbs at 3200RPM - CONSULT FACTORY FOR AVAILABILITY	Emission Information: California Air Resources Board (CARB), Environmental Protection Agency (EPA)	\$0.00

Booms

10' x 8" Aluminum Telescoping Boom with Pendant Control Station	Included in base price	\$0.00
10' Aluminum Telescoping Boom with 10" Inlet and Pendant Control Station	Upgrade to 10" Boom Inlet, Boom and Elbow with 10" to 8" Adapter & 8" Hose	\$6,618.00

Hose Reels

Front Mounted, Articulating to Driver's Side, 600a (1a) Capacity (Std Pivot)		\$0.00
Front Mounted, Articulating to Driver Side, 800' (1") Capacity (Std. Pivot)		\$3,519.00
Front Mounted, Articulating to Passenger Side (Reverse		\$0.00

Pivot)		
Front Mounted, Articulating to Passenger Side, 800' (1") Capacity (Reverse Pivot)		\$3,519.00
Hose Reel Options		
Hose Reel Cage		\$1,164.00
Power Guide "Reel Power" level wind guide		\$5,072.00
Electro Magnet for outrigger leg		\$4,873.00
Pinch Roller/Tensioner Device		\$2,306.00
Water Systems		
80 gpm/2500 psi Pump		\$0.00
80 gpm/2500 psi Pump		\$0.00
60 gpm/3000 psi Pump		\$0.00
65 gpm/3000 psi Pump		\$0.00
60 gpm/2000 psi Pump		\$0.00
65 gpm/2000 psi Pump		\$0.00
60 gpm/2500 psi Pump		\$0.00
50 gpm/3000 psi Pump		\$0.00
80 gpm/2000 psi Pump		\$0.00
Water System Options		
Water & Debris Tanks Tied Together		\$2,290.00
Winter Recirculating System for Rodder Hose		\$1,035.00
Artic Winter Recirculating System for rodder hose, includes plumbing to upper water tanks.		\$1,300.00
Air Purge System		\$838.00
Drivers Side Hand Gun Connection		\$302.00
Rear Hand Gun Connection		\$302.00
Front Bumper Hand Gun Connection		\$350.00
Pre-Tank Water Filter (In-line)		\$350.00
Pre-Tank Water Filter (Y-type)		\$935.00
Automatic Continuous Fill System		\$2,192.00
Folding Spray Bar Assembly with In Cab Controls		\$3,778.00
Variable Flow Valve (Valve Only) - nozzles required		\$433.00
50' Capacity Retractable Hand Gun Hose Reel	Hose included	\$2,053.00
100' Capacity Handgun Hose Reel	Hose Included	\$3,608.00
Water Ring Assembly (inlet mounted)		\$2,222.00
Pulsation Feature for Water Pump		\$3,598.00
Lateral Cleaning Kit w/150' x 1/2" Hose w/Nozzle, Dolly style mounts		\$3,188.00
Lateral Cleaning Kit w/200' x 1/2" Hose w/Nozzle,		\$5,887.00

Permanently Mtd, Electronically Controlled		
Lateral Cleaning Kit w/400' Hose w/Nozzle, Permanently Mtd, Hydraulically Controlled		\$7,364.00
Street Flusher, 450 GPM, air actuated spray heads, includes water and debris tanks tied together	Consult factory for adaptability for Single Engine Design	\$33,419.00
Auxiliary Engine Driven Hydraulics	Consult Factory for Application	\$4,624.00
Water Pump Remote Oil Drain		\$271.00
Chemical Tank (15) Gallons	120volt Pump with Invertor (Consult Factory for Compatibility) 711-8088	\$3,153.00
Boiler/Water Heater 900,000 BTU	667-0100	\$23,322.00
Boiler/Water Heater 420,000 BTU	667-0099	\$19,814.00
Anti-Freeze System	17 gallon reservoir with ball valve for changing system. System uses bio- degradable anti-freeze only.	\$2,042.00
FMC Water Pump Option: 30/3000, 60/2000, 65/3000, 80/2000, 80/2500	Replaces standard Giant water pump	\$2,171.00
Gate Valve at Water Pump Inlet		\$662.00
Water System Accessories		
Hand Gun Assembly, Low Pressure	Hand Gun Only - no hose	\$311.00
Hand Gun Assembly with 25' of ½" hose, Low Pressure		\$643.00
10' Hand Gun Hose Extension		\$115.00
25' Hand Gun Hose Extension		\$264.00
30' Hand Gun Hose Extension		\$306.00
50' Hand Gun Hose Extension		\$400.00
Water Ring (Ring Only)		\$469.00
Hand Gun Bracket Assembly		\$72.00
Hand Gun Assembly (2) Handle with Adjustable Spray		\$581.00
Cam-locks for Water Fill Hose		\$240.00
Cam-locks for Rear Drain Hose		\$338.00
Additional Water Tank Sight Guage (Drivers Side)		\$185.00
711-53686 Hydro. X Lance Assy. - Must Choose Hydro X. Package - 72" with quick disconnects, 1/2 schedule 80, horizontal handle	Standard with Hydro. X Package - Extensions are Available	\$0.00
711-30906 A 48" Extension for 711-53686 high- pressure handwand	Must choose 711-53686 Hydro. X Lance Assy.	\$172.00
711-TBA 72" Extension for 711-53686 high-pressure handwand	Must choose 711-53686 Hydro. X Lance Assy.	\$183.00
711-30903 High-pressure handwand 51"x1/2" S.S., pistol grip handle with adjustable handle (No extensions	No extensions available	\$1,068.00

available) - Single forward jet

711-30903T Turbo Jet with Single Forward Jet		\$1,077.00
711-30903A Multiple Forward Jets with Chisel Nozzle		\$1,088.00

Jet Rodder Hose

400' x 3/4" Jet Rodder Hose - Standard	3000 psi/7500 psi	\$0.00
500' x 3/4" Jet Rodder Hose	3000 psi/7500 psi	\$447.00
600' x 3/4" Jet Rodder Hose	3000 psi/7500 psi	\$893.00
700' x 3/4" Jet Rodder Hose - (non-continuous)	3000 psi/7500 psi	\$1,337.00
800' x 3/4" Jet Rodder Hose - (non-continuous)	3000 psi/7500 psi	\$1,783.00
1000' x 3/4" Jet Rodder Hose - (non-continuous)	3000 psi/7500 psi	\$2,672.00
400' x 1" Jet Rodder Hose - Standard	2500 psi/6250 psi	\$0.00
500' x 1" Jet Rodder Hose	2500 psi/6250 psi	\$447.00
600' x 1" Jet Rodder Hose	2500 psi/6250 psi	\$893.00
700' x 1" Jet Rodder Hose - (non-continuous)	Requires large hose reel - 2500 psi/6250 psi	\$1,337.00
800' x 1" Jet Rodder Hose - (non-continuous)	Requires large hose reel - 2500 psi/6250 psi	\$1,783.00
400' x 1" - 3000 psi Jet Rodder hose	3000 psi/7500 psi	\$646.00
500' x 1" - 3000 psi Jet Rodder Hose	3000 psi/7500 psi	\$1,291.00
600' x 1" - 3000 psi Jet Rodder Hose	3000 psi/7500 psi	\$1,903.00
700' x 1" 3000 psi - Jet Rodder Hose - (non-continuous)	Requires large hose reel - 3000 psi/7500 psi	\$2,221.00
800' x 1" 3000 psi - Jet Rodder Hose - (non-continuous)	Requires large hose reel - 3000 psi/7500 psi	\$3,126.00
500' x 1 1/4" Jet Rodder Hose	Standard on 120 gpm water system - 2500 psi/6250 psi	\$0.00
800' x 3/4" Jet Rodder Hose - Continuous	3000 psi/7500 psi	\$3,843.00
800' x 1" Jet Rodder Hose - Continuous	2500 psi/6250 psi	\$3,843.00
800' x 1" 3000 psi - Jet Rodder Hose - Continuous	3000 psi/7500 psi	\$5,184.00

Spare Rolls of Jet Rodder Hose

400' Spare Roll of Jet Rodder Hose	3/4" 3000 psi or 1" 2500 psi	\$1,792.00
500' Spare Roll of Jet Rodder Hose	3/4" 3000 psi or 1" 2500 psi	\$2,252.00
600' Spare Roll of Jet Rodder Hose	3/4" 3000 psi or 1" 2500 psi	\$2,678.00

Debris Body Options

6" Knife Valve, Lower Rear Door Mounted with Cam-Lock (Drain hose NOT included)	(Drain hose NOT included)	\$2,016.00
8" Knife Valve, Lower Rear Door Mounted (Drain hose NOT included)	(Drain hose NOT included)	\$2,184.00
6" Air operated knife valve/Front Drivers Side Mounted w/Cam-lock and 25' of layflat hose with Cam-lock		\$2,759.00

Debris Tank Inspection Hatch , 8" w/steps & handles		\$772.00
Rear, Hydraulic Pump Off System, 200 GPM w/20' lay flat Hose	Optional pump placement below	\$7,077.00
Rear, Hydraulic Pump Off System, 350 GPM w/20' lay flat Hose	Optional pump placement below	\$9,431.00
Rear, Hydraulic Pump Off System, 400 gpm with 20' lay flat hose	Optional pump placement below	\$9,431.00
Rear, Hydraulic Pump Off System, 450 gpm with 20' lay flat hose	Optional pump placement below	\$12,735.00
Rear, Hydraulic Pump Off System, 575 GPM w/20' lay flat Hose	Optional pump placement below	\$12,735.00
Gravity Drain System; plumbing to gate valve at mid-passenger side of unit, allowing return of liquids to the manhole		\$1,885.00
Vacuum Enhancer, Fan or PD, Air Operated		\$4,874.00
Rear Door Drain Valve Flush Out Connection	Select per valve if multiple required	\$471.00
Electrical Options		
Body Load Limit Alarm, Level Indicator		\$684.00
Rear Axle Load Limit Alarm		\$926.00
Front Axle Load Limit Alarm		\$926.00
Auxiliary Engine Kill Switch (Vandalism Protection)		\$134.00
6 Way Pendant Control Station (Spare)		\$512.00
Grounding Cable with Screw Clamp & 25' of Cable		\$511.00
Grounding Mat		\$979.00
Digital Scale System	Single Axle or Tandem Axle	\$7,092.00
Data Logging and Telematics System	Requires Omnibus Precision Power (OPP) Option	\$9,137.00
Additional E-stop at Dump Station		\$442.00
Traffic Camera With Color Monitor - MUST PICK CAMERA PLACEMENT	Pick up to FOUR cameras maximum	\$1,194.00
Rear Camera Placement	To be used with "Traffic Camera" option	\$553.00
Curbside Camera Placement - Mirror Mounted Standard	To be used with "Traffic Camera" option	\$553.00
Driver's Side Camera Placement - Mirror Mounted Standard	To be used with "Traffic Camera" option	\$553.00
Front Bumper Camera Placement	To be used with "Traffic Camera" option	\$553.00
Front Hose Reel Camera Placement - To View in Front of Hose Reel Area	To be used with "Traffic Camera" option	\$553.00
Omnibus Precision Power System (OPP)-Electronic Controller System-Includes: a color monitor, electronic footage counter, and pressure compensated hydraulics. AVAILABLE: DUAL AND SINGLE ENG	Compatible chassis: Freightliners with Cummins ISL and Detroit Diesel DD13, International with N-10, and Peterbilt with ISL and PX	\$5,496.00

MACHINES.		
Lighting Options		
Mirror Mounted LED Beacon/Strobe Light with Limb Guard - Whelen L21HAP LED Beacon with Whelen BGH Branch Guard	Please Indicate Driver Side or Passenger Side; When (1) is selected, D/S is standard	\$928.00
LED strobe with Limb Guard, Rear Debris Tank Mounted - Whelen L21HAP LED Beacon with Whelen BGH Branch Guard		\$928.00
LED 4 Strobes - (2) front bumper / (2) rear bumper - Whelen 50A03ZCR - Amber		\$1,913.00
LED Arrow Board, Rear Debris Tank Door Mounted - Whelen TA1251NF1 Traffic Arrow		\$3,731.00
LED Arrow stick - Whelen TAM85 Traffic Advisor		\$2,818.00
Arrow Board, D.O.T., WANCO, LED - Rear Debris Tank Door Mounted		\$6,542.00
Hand Held Spot Light - LED		\$600.00
Hand Held Spot Light - LED with 50' Retractable Cord		\$1,057.00
Hand Light Connection, Rear Dump Control Location	Reaches entire unit	\$121.00
LED Boom Mounted Flood Lights with Limb Guard - Whelen NP6BB Worklight		\$736.00
LED Rear Mounted Flood Lights with Limb Guard - Whelen NP6BB Worklight		\$736.00
LED Flood Light - Level Wind Guide with Limb Guard - Whelen NP6BB Worklight		\$416.00
Midbody LED Strobes - Frame Mounted - Whelen 50A03ZCR - Amber	When picked with bumper strobes - (6) strobes total	\$972.00
LED Midbody Flood Lights with guards - Whelen NP6BB (Driverside and Curbside)		\$736.00
Misc Machine Options		
Heavy Duty Rubber Hose in lieu of Kanaflex (replace standard)	(Limits Boom Rotation)	\$1,292.00
Auxiliary engine control panel (lockable door)	For use with Deutz & JD Auxiliary Engines	\$329.00
Hydraulic Power Tool Option, front bumper control valve mount location		\$3,387.00
Hydraulic Power Tool Option, Rear Bumper Control Valve Mount Location		\$3,877.00
Long Handle Storage / PVC (2) mounted in storage box under shelf	(or best location)	\$505.00
Offset Manhole Roller 711-0050		\$382.00
Grate Lifting Hook 711-9700		\$446.00

Cone Rack, between bogies, tandem		\$555.00
Rear Mounted Tow Hooks		\$354.00
Auxiliary Engine Remote Oil Drain		\$277.00
Remote Boom Grease Zerk Assembly (Ground Level - includes water pump drive) - If Applicable		\$2,391.00
Remote Debris Tank Grease Assembly (Ground Level)	Does not include rollers or cams	\$2,577.00
Grease Assembly Articulating Hose Reel		\$1,104.00
Automatic Lube System - in addition to manual remote grease options (Vac-Con Module)		\$5,300.00
Automatic Lube Kit for Centrifugal Compressor	Available on 2-Stage or 3-Stage Blower	\$2,769.00
Vacuum gauge front bumper location behind reel		\$563.00
Plastic engraved decals - adhesive type (ilo standard)		\$1,715.00
Water Cooler Rack		\$307.00
Spanish Decals		\$0.00
French Decals		\$0.00
Vanair PTO Shaft Driven Underdeck Mount Air Compressor with Air Knife, Retractable Reel w/70' x 3/4" hose, 185 CFM at 100-150 psi rating. (Delete driver side front water tank).		\$29,453.00
12VDC Auxiliary Hydraulic Pump	Back-up to standard hydraulic pump	\$2,869.00
Rear Bumper Assembly	Standard on Hi-Dump	\$1,766.00
Long Handle Storage/PVC (2) - MUST SELECT LOCATION BELOW		\$505.00
Long Handle Storage Placement - Mounted in Storage Box Under Shelf	Standard with Hydro-X package	\$0.00
Long Handle Storage Placement - Rear of Mainframe	Must be picked with "Long Handle Storage/ PVC (2)" above - UNAVAILABLE ON 1500 GALLON UNITS	\$0.00
Cone Storage Rack - MUST SELECT PLACEMENT BELOW		\$417.00
Cone Storage Rack Placement - Rear of Frame	Must be used with "Cone Storage Rack" Option	\$0.00
Cone Storage Rack Placement - Best Location Driver's Side	Must be used with "Cone Storage Rack" option	\$0.00
Cone Storage Rack Placement - Best Location Curbside	Must be used with "Cone Storage Rack" option	\$0.00
Cone Storage Rack Placement - Best Location - Vac-Con to select	Must be used with "Cone Storage Rack" option	\$0.00
Misc Accessories		
Hose Guide, spare 665-0004		\$181.00

Catch Basin Retriever 711-0371		\$570.00
Manhole Cover Lifting Hook 681-0084		\$109.00
Cover Shover 681-0143		\$651.00
5# Fire Extinguisher, spare (one is standard)		\$160.00
First Aid Kit 690-0500		\$98.00
Triangle Kit 690-0494 (one is standard), spare		\$98.00
Grease Gun 690-0093		\$79.00
Anti-Sail Mud Flaps (rear)		\$307.00
Vacuum Tubing		
3' x 8" Aluminum Pipe Extension		\$243.00
5' x 8" Aluminum Pipe Extension		\$287.00
6' x 8" Aluminum Pipe Extension		\$322.00
8' x 8" Aluminum Pipe Extension		\$354.00
6 1/2' x 8" Catch Basin Nozzle with Serrated End		\$369.00
Non-conducting Catch Basin Nozzle		\$1,059.00
8" Adjustable Air Gap w/quick clamp	(1) 8" quick clamp included	\$470.00
3' x 8" Clear Demo Tube 711-1255		\$578.00
Circular Operator Handle 711-0172		\$268.00
8" to Double 4" Y Adapter 800-0476		\$382.00
8" Flange to 6" Sleeve Adapter 800-0351		\$191.00
8" Quick Clamp, spare, 680-0015		\$41.00
8" Gasket with Holes 690-0025		\$12.00
8" Rubber Debris Hose / Per Foot 680-0001		\$83.00
8" Hose End 800-0097		\$101.00
8" Power Clamp 680-0016		\$115.00
Rubber Kanaflex hose end for CB Tube/Hydroexcavation		\$118.00
5' x 6" Aluminum Pipe	6" Intake System	\$287.00
3' x 6" Aluminum Pipe	6" Intake System	\$242.00
6' x 6" Aluminum Pipe	6" Intake System	\$322.00
6" Quick Clamp	6" Intake System	\$54.00
6" Adjustable Air Gap	6" Intake System (1) 6" quick clamp included	\$448.00
8" Flange to 6" Flange Adapter (800-0647)		\$202.00
6 1/2' x 6" Catch Basin Nozzle with Serrated End		\$215.00
Pipe Storage Racks - 4 standard per unit		
Additional Pipe Rack(s), specify any requested locations in comments section, otherwise engineering will place in best available locations.	Specify any requested location in comments section	\$188.00

Folding Pipe Rack (3), Mtd Rear Door \$2,909.00

Tool / Storage Boxes

Aluminum Storage Box Behind Cab 16" x 42" x 96" \$5,130.00

(2) Roll out shelves for storage box behind cab \$1,598.00

Side Mounted Tool Box 35" x 14" x 24" \$795.00

35" x 14" x 24" Aluminum Side Mounted Tool Box, ea
(ilo steel) Consult factory for additional room \$500.00

2) 24" x 18" x 18" Aluminum Rear Tool Boxes, mtd
each side of extended frame units, 1000 or 1300 gallons
only \$1,657.00

3/4" Spare Nozzles

3/4" Nozzle rack \$120.00

3/4" 30 gpm - Standard Nozzle, spare \$387.00

3/4" 50 gpm - Standard Nozzle, spare \$387.00

3/4" 30 gpm Penetrator Chisel - Standard, spare \$444.00

3/4" 50 gpm Penetrator Chisel - Standard, spare \$444.00

3/4" Nozzle Pipe Assembly (skid), spare \$102.00

3/4" 30 gpm Grenade Nozzle \$832.00

3/4" 50 gpm Grenade Nozzle \$832.00

Aluminum Storm Nozzle 3/4" 30 gpm \$461.00

Aluminum Storm Nozzle 3/4" 50 gpm \$461.00

3/4" Storm Nozzle Pipe Assembly (skid) \$102.00

3/4" 30 gpm Rotating Spinning Nozzle \$980.00

3/4" 50 gpm Rotating Spinning Nozzle \$980.00

3/4" 30 gpm Little Bruce 5" Culvert Nozzle \$1,442.00

3/4" 50 gpm Little Bruce 5" Culvert Nozzle \$1,442.00

3/4" Brass Flusher Nozzle \$72.00

1" Spare Nozzles

1" Nozzle rack \$120.00

Aluminum Storm Nozzle 1" 60 gpm \$461.00

Aluminum Storm Nozzle 1" 70 gpm \$461.00

Aluminum Storm Nozzle 1" 80 gpm \$461.00

1" Storm Nozzle Pipe Assembly (skid) \$102.00

1" 60 gpm Standard Nozzle, spare \$387.00

1" 70 gpm Standard Nozzle, spare \$387.00

1" 80 gpm Standard Nozzle, spare \$387.00

Standard nozzle \$387.00

1" 60 gpm Penetrator Chisel - Standard, spare \$444.00

1" 70 gpm Penetrator Chisel - Standard, spare \$444.00

1" 80 gpm Penetrator Chisel - Standard, spare	\$444.00
Penetrator nozzle	\$444.00
1" Nozzle Pipe Assembly (skid), spare	\$102.00
1" 60 gpm Grenade Nozzle	\$832.00
1" 70 gpm Grenade Nozzle	\$832.00
1" 80 gpm Grenade Nozzle	\$832.00
Grenade nozzle	\$832.00
1" 60 gpm Rotating Spinning Style	\$980.00
1" 70 gpm Rotating Spinning Style	\$980.00
1" 80 gpm Rotating Spinning Style	\$980.00
Little Bruce culvert nozzle	\$2,105.00
1" 60 gpm Big Otto 8" Culvert Nozzle	\$2,105.00
1" 70 gpm Big Otto 8" Culvert Nozzle	\$2,105.00
1" 80 gpm Big Otto 8" Culvert Nozzle	\$2,105.00
1" Brass Flusher Nozzle	\$84.00
Spare Nozzles	
Standard nozzle	\$387.00
Rotating Spinning Nozzle	\$980.00
Big Otto culvert nozzle	\$2,105.00
Leader Hose	
3/4" x 10' Length Leader Hose	\$270.00
1" x 10' Length Leader Hose	\$270.00
1-1/4" x 10' Length Leader Hose	\$270.00
3/4" x 15' Length Leader Hose	\$406.00
1" x 15' Length Leader Hose	\$406.00
1-1/4" x 15' Length Leader Hose	\$406.00
3/4" x 20' Length Leader Hose	\$433.00
1" x 20' Length Leader Hose	\$433.00
1-1/4" x 20' Length Leader Hose	\$433.00
3/4" x 25' Length Leader Hose	\$518.00
1" x 25' Length Leader Hose	\$518.00
1-1/4" x 25' Length Leader Hose	\$518.00
3/4" x 30" Length Leader Hose, Spare	\$128.00
1" x 30" Length Leader Hose, Spare	\$128.00
1-1/4" x 30" Length Leader Hose, Spare	\$128.00
Swedge Tools	
Hydraulic Swage Kit	\$2,919.00
Manual Swage Kit	\$1,913.00

1" Swage End		\$79.00
3/4" Swage End		\$75.00
Root Cutter		
Rotating Turbine Chain Scraper 5"-10" with skids & chain 10.125TR6-10		\$4,199.00
Rotating Turbine Chain Scraper with skids and Chain 10.125TR8-12 set		\$4,398.00
1" to 3/4" Bushing for Chain Scraper		\$19.00
1" Bulldog with skid 400.600BS		\$3,479.00
3/4" Bulldog 400.060A		\$3,171.00
Manuals		
Electronic Vac-Con Manual (Thumb Drive), spare	One electronic manual standard per unit	\$199.00
Paper Vac-Con Manual - No longer standard		\$199.00
Paint - Module Options		
Ceramic Coating in Debris Tank, Tandem Axle		\$6,203.00
Paint Module: Single-Stage Polyurethane Elite White (white is standard unless otherwise specified. PPG code: 940813)		\$0.00
Paint Module: Single-Stage Polyurethane Elite School Bus Yellow (PPG code: 916352)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Safety Yellow (PPG code: 920225)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Coca Cola Red (PPG code: 911065)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Candy Apple Red (PPG code: 918623)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Medium Blue (PPG code: 918345)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Deep Blue (PPG code: 918377)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Pepsi Blue (PPG code: 946949)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Omaha Orange (PPG code: 917204)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Cat Yellow (PPG code: 920339)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Lime Green (PPG code: 905804)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Green (PPG code: 918367)		\$0.00
Paint Module: Single-Stage Polyurethane Elite		\$0.00

Woodland Green (PPG code: 918359)

Undercoat - Vac-Con Module & Chassis	\$2,092.00
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Metallic paint Option	\$8,500.00
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Painted steel upper water tank panels in lieu of standard aluminum diamond plate	\$570.00
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Paint - Module Stripe Options

Reflective Striping, Other than standard colors	Avail colors: Black, Red, Orange, Yellow, Green, Pink	\$690.00
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Standard Striping Package - White 692-5204-01	\$0.00
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Standard Striping Package - Blue 692-5204-02	\$0.00
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Paint - Chassis Options

Chassis Dealer to Paint Cab - Specify Color	\$5,000.00
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Paint Chassis Hood Flat Black	\$770.00
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Pool Trucks (Chassis)

Freightliner 114SD 6x4 66000GVWR ISL370 3000RDS	\$99,750.00
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Freightliner 114SD 66000 6X4 10 SPD 450HP DD13	\$100,300.00
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Freightliner 114SD 6x4 66000GVWR DD13 450HP 4500RDS	\$112,300.00
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Freightliner 75DGE 114SD 6x4 60000GVWR ISL320 3000RDS	\$149,817.00
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Pool Truck Modifications

Allison Series 3000 5-year/unlimited mileage	Requires TrandSynd Synthetic Transmission Fluid or TES-295	\$1,428.00
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Allison Series 4500 5-year/unlimited mileage	Requires TrandSynd Synthetic Transmission Fluid or TES-295	\$1,770.00
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IH 7300&7400: 3yrs./150,000mi. base-vehicle ext. warranty-Includes: 3yrs./UNLmi. towing, Navistar DT engine 3 yrs./150,000mi. W/Aftertreatment, Allison 3000 3yrs. is standard (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	3yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$5,139.00
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IH 7300&7400: 4yrs./150,000mi. base-vehicle ext. warranty-Includes: 4yrs./UNLmi. towing, Navistar DT engine 4yrs./150,000mi. W/3yrs. of Aftertreatment, Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	4yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$7,784.00
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Roll Bogies, Tandem Axle	\$3,540.00
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Air dryer - Bendix AD-9	\$1,547.00
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Air dryer - Bendix AD-IP	(Standard on Vac-Con 114SD Pool Trucks)	\$2,208.00
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Air horn - single base	(Standard on Vac-Con 114SD Pool	\$1,074.00
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Trucks)

Air restriction gauge, dash mounted		\$697.00
Air seat, passenger		\$1,308.00
2-man passenger seat		\$1,320.00
Block Heater		\$855.00
Metric speedometer		\$1,042.00
Heated motorized mirrors		\$2,963.00
Silicone hoses		\$715.00
Front Mud Flaps		\$137.00
Transmission temperature gauge		\$1,388.00
Spare Tire and Rim, Front (Please specify size in comments)		\$2,006.00
Spare Tire and Rim, Rear (Please specify size in comments)		\$1,004.00
Spare Front Wheel (Please specify size in comments)		\$571.00
Spare Rear Wheel (Please specify size in comments)		\$255.00
12 ton jack & lug wrench		\$380.00
Chassis Parts Catalog		\$507.00
Chassis Operators Manual		\$65.00
Parts Manual on CD-Rom		\$507.00
Service Manual on CD-Rom		\$507.00
Wheel Simulators		\$2,524.00
Daytime Running Lights	(Standard on Vac-Con 114SD & IH Pool Trucks)	\$507.00
Remote Chassis Engine Start Switch		\$3,152.00
IH 7300&7400: 5yrs./150,000mi. base-vehicle ext. warranty-Includes: 5yrs./UNLmi. towing, Navistar DT engine 5yrs./150,000mi. W/3yrs. of Aftertreatment, Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	5yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$9,138.00
FR 114SD: 5yrs./200,000mi. ext. warranty. Includes- 5yrs. towing, Cummins-ISL370 5yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	5yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$8,292.00
FR 114SD: 3yrs./200,000mi. ext. warranty: Includes- 3yrs. towing, Cummins-ISL370 3yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	3yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$5,241.00
FR 114SD: 4yrs./200,000mi. ext. warranty. Includes-	4yrs. TOTAL (Including Standard	\$6,566.00

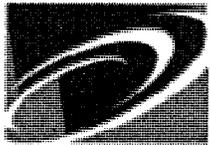
4yrs. towing, Cummins-ISL370 4yr./150,000mi. (PPI W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	Warranty From In-Service Date)	
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Duralift "Self-steer" suspension axle: 13,500lb./Air Ride, Air Lift w/295/75R22.5 tires (Consult factory for adaptability)	Consult Factory: Pusher or tag configuration	\$15,989.00
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Extended Warranties

Gas Engine Extended Warranty - 5YRS/5000HRS		\$5,000.00
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John Deere Tier 4 5YR/5000HR, Full Coverage Warranty (March 1, 2017 - December 31, 2019)		\$3,978.00
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VAC-CON Xcavator

969 Hal Park Rd, Green Cove Springs, FL 32043
Tel: 904-284-4200 Fax: 904-284-3305

Vacuum System (as specified by Model Number)

Cyclone Separator

Hydrostatic Blower Drive

Front Loading 10' Telescopic Boom with Pendant Control Station

270 Degree Rotating Boom

8" Vacuum Intake Hose

Aluminum Diamond Plate Storage Boxes & Cabinets

Cross Linked Polyethylene Water Capacities: 800, 1100 & 1300 gallons with 10 Year Warranty

Automatic Vacuum Breaker Shut Off

20 gpm/4000 psi Water System - Hydraulically Driven

100' retractable high-pressure hose reel, high-pressure digging wand

Corten Steel Debris Body with 5 Year Warranty

5" Butterfly Valve with 10' Layflat Hose

Debris tank Dumping: minimum 50 deg., hydraulic scissors lift - power up/power down

Low Pressure Hand Gun with Quick Connect at Pump with 25' of 1/2" Hose

Full Opening Rear Door / Hydraulic Door Locks / Hydraulic Door Grabber

Boom Tie Down with Front Mounted Joystick for Ease of Operation

Passenger Side Controls

Passenger Control Panel Cabinet Aluminum Diamond Plate (35" x 14" x 24")

Water Pump and Hose Reel Cabinet / Passenger Side Aluminum Diamond Plate (51" x 20" x 30")

Storage Box Behind Cab Aluminum Diamond Plate (16" x 42" x 96")

Single Axle Units: Drivers Side Storage Cabinet Aluminum Diamond Plate (51" x 24" x 24")

Tandem Axle Units: Drivers Side Storage Cabinet Aluminum Diamond Plate (51" x 44" x 24")

Tandem Axle Units with 180" CT: Storage Box Behind Cab Aluminum Diamond Plate (16" x 42" x 48")

2 Joystick Controls 1-Passenger Side Control Panel, 1-Front Bumper

Emergency Shut Off

Reflective Striping / Side & Chevrons

20.5' aluminum intake pipe(1-3', 1-5', 1-6', and 1-6.5' nozzle)

ICC lighting

DuPont Elite Polyurethane Paint

12 month standard warranty - see certificate for details

5# Fire Extinguisher

Set of Triangles

Description	Additional Info	Cost
Auxiliary		
-- Select Auxiliary System--		\$0.00
Blower Drives		
AQD Fan Drive Upgrade	3-stage Aeroboost [®] Centrifugal compressor - high efficiency airflow design w/dual cyclone filtration	\$24,000.00
Debris Body Options		
Dump High Option	This option allows the operator higher debris body dumping	\$2,500.00
Misc Machine Options		
Transfer case blower drive ILO FEPTO	Addition of a Transfer Case when FEPTO is Unavailable	\$14,400.00
Models		
VX390LH/800	Includes: 3 Stage Centrifugal Compressor with Cyclone, Hydrostatic Drive, 10' Aluminum Telescoping Boom, 9 CY Debris Tank, 800 Gal H2O, 4X2	\$210,893.00
VXPD3690LH/800	Includes: Roots 824 RCS PD Blower Free Air up to 5197 CFM (4000 CFM at 18" HG), Hydrostatic Drive and Cyclone Separator, Hydrostatic Drive, 10' Aluminum Telescoping Boom, 9 CY Debris Tank, 800 Gal H2O, 4X2	\$242,574.00
VXPD4290LH/800	Includes: 4200 cfm / 16" Hg. Positive Displacement Blower with Cyclone, Hydrostatic Drive, 10' Aluminum Telescoping Boom, 9 CY Debris Tank, 800 Gal H2O, 4X2	\$246,592.00
VXPD1290LH/800	Includes: 1200 cfm / 27" Hg. Positive Displacement Blower with Cyclone, Hydrostatic Drive, 10' Aluminum Telescoping Boom, 9 CY Debris Tank, 800 Gal H2O, 4X2	\$255,005.00
VX312LHE/1100	Includes: 3 Stage Centrifugal Compressor with Cyclone, Hydrostatic Drive, 10' Aluminum Telescoping Boom, 12 CY Debris Tank, 1100 Gal H2O, Extended Frame, 6X4	\$232,109.00
VXPD3612LHE/1100	Includes: 3600 cfm / 16" Hg. Positive Displacement Blower with Cyclone, Hydrostatic Drive, 10' Aluminum Telescoping Boom, 12 CY Debris Tank, 1100 Gal H2O, Extended Frame, 6X4. Consult Factory on Rear Axle Requirements	\$263,794.00
VXPD4212LHE/1100	Includes: 4200 cfm / 16" Hg. Positive	\$267,808.00

	Displacement Blower with Cyclone, Hydrostatic Drive, 10' Aluminum Telescoping Boom, 12 CY Debris Tank, 1100 Gal H2O, Extended Frame, 6X4	
VXPD1212LHE/1100	Includes: 1200 cfm / 27" Hg. Positive Displacement Blower with Cyclone, Hydrostatic Drive, 10' Aluminum Telescoping Boom, 12 CY Debris Tank, 1100 Gal H2O, Extended Frame, 6X4	\$277,559.00
VX312LHE/1300	Includes: 3 Stage Centrifugal Compressor with Cyclone, Hydrostatic Drive, 10' Aluminum Telescoping Boom, 12 CY Debris Tank, 1300 Gal H2O, Extended Frame, 6X4. Consult Factory on Rear Axle Requirements. Cannot be used with High Dump.	\$237,188.00
VXPD3612LHE/1300	Includes: 3600 cfm / 16" Hg. Positive Displacement Blower with Cyclone, Hydrostatic Drive, 10' Aluminum Telescoping Boom, 12 CY Debris Tank, 1300 Gal H2O, Extended Frame, 6X4. Cannot be used with High Dump.	\$265,174.00
VXPD4212LHE/1300	Includes: 4200 cfm / 16" Hg. Positive Displacement Blower with Cyclone, Hydrostatic Drive, 10' Aluminum Telescoping Boom, 12 CY Debris Tank, 1300 Gal H2O, Extended Frame, 6X4. Cannot be used with High Dump.	\$268,871.00
VXPD1212LHE/1300	Includes: 1200 cfm / 27" Hg. Positive Displacement Blower with Cyclone, Hydrostatic Drive, 10' Aluminum Telescoping Boom, 12 CY Debris Tank, 1300 Gal H2O, Extended Frame, 6X4. Cannot be used with High Dump.	\$281,302.00
IXPD5712MHE/1100	Includes: 5760 CFM / 27 HG Positive Displacement Trinado Blower with Dual Cyclones. Transfer Case Driven. Requires 8' x 8" Rear Boom only, 12 CY Debris Tank, 1100 Gal H2O, Extended Frame, 6x4. Cannot be used with High Dump. Has only One Deck Mounted Tool Box on Curb Side to Make Room for Blower. Note: Rear Boom Only.	\$306,181.00
Auxiliary		
John Deere Tier 4 Technology. Model. 4045HFC04 EPA Certified. 140HP @ 2400 RPM	Please consult factory for availability	\$31,974.00
Booms		
10' x 8" Aluminum Telescoping Boom with	Included in base price	\$0.00

Pendant Control Station		
10' Aluminum Telescoping Boom with 10" Inlet and Pendant Control Station	Upgrade to 10" Boom Inlet, Boom and Elbow with 10" to 8" Adapter & 8" Hose	\$6,618.00
Rear Mounted 8' x 8" Telescoping Boom with steel elbow, Includes Flat Style Rear Door	For Xcavator Units	\$5,429.00
8' x 8" Rear Mounted Telescoping Power Flex Boom with Pendant Control Station	For Xcavator Units	\$10,158.00
Blower Drives		
Hydrostatic Drive	If included in base price	\$0.00
High Volume Hydrostatic Drive Upgrade	Option Price	\$11,719.00
High Volume Hydrostatic Drive Upgrade when Hydrostatic is included in base machine price	Optional Price if Hydrostatic Drive is included in Base Price	\$1,949.00
Hose Reel Options		
HD Level Wind Guide Aluminum	711-24985 (A16 Variable)	\$238.00
Water Systems		
20 gpm/4000 psi Water System - Hydrostatic Drive		\$0.00
Water System Options		
Debris Body "Power Flush" System, 8 jets		\$1,944.00
Flush Out connection for rear door valve	Pick one for each drain port needed	\$522.00
Centrifugal Compressor Fan Flush Out System		\$1,205.00
Air Purge System		\$838.00
Pre-Tank Water Filter (Y-type)		\$935.00
50' Capacity Retractable Hand Gun Hose Reel	Hose included	\$2,053.00
100' Capacity Handgun Hose Reel	Hose Included	\$3,608.00
Water Ring Assembly (inlet mounted)		\$2,222.00
Water Pump Remote Oil Drain		\$271.00
Boiler/Water Heater 900,000 BTU	667-0100	\$23,322.00
Boiler/Water Heater 420,000 BTU	667-0099	\$19,814.00
Anti-Freeze System	17 gallon reservoir with ball valve for changing system. System uses bio-degradable anti-freeze only.	\$2,042.00
Winter Recirculation System - 711-51253 / 711-51991 - Includes 110 volt inverter, electric pump 30GPM, centrifugal check valves and plumbing to upper water tanks		\$2,704.00
Gate Valve at Water Pump Inlet		\$662.00
Water System Accessories		
50' Hand Gun Hose Extension		\$400.00

Cam-locks for Water Fill Hose		\$240.00
Cam-locks for Rear Drain Hose		\$338.00
Additional Water Tank Sight Guage (Drivers Side)		\$185.00
711-53686 Hydro. X Lance Assy. - Must Choose Hydro X. Package - 72" with quick disconnects, 1/2 schedule 80, horizontal handle	Standard with Hydro. X Package - Extensions are Available	\$0.00
711-30906 A 48" Extension for 711-53686 high-pressure handwand	Must choose 711-53686 Hydro. X Lance Assy.	\$172.00
711-TBA 72" Extension for 711-53686 high-pressure handwand	Must choose 711-53686 Hydro. X Lance Assy.	\$183.00
711-30903 High-pressure handwand 51"x1/2" S.S., pistol grip handle with adjustable handle (No extensions available) - Single foward jet	No extensions available	\$1,068.00
711-30903T Turbo Jet with Single Foward Jet		\$1,077.00
711-30903A Multiple Forward Jets with Chisel Nozzle		\$1,088.00
Debris Body Options		
Hydraulic Rear Door Opener, removes door grabber	Removes door grabber; Stand. on Highdump; Not Available w/ Flatdoor	\$3,782.00
6" Knife Valve, Lower Rear Door Mounted with Cam-Lock (Drain hose NOT included)	(Drain hose NOT included)	\$2,016.00
6" Knife Valve with Center Post and Handle, in Lieu of the 5" Butterfly Valve (662-0125)	Standard drain hose included	\$735.00
8" Knife Valve, Lower Rear Door Mounted (Drain hose NOT included)	(Drain hose NOT included)	\$2,184.00
Debris Tank Inspection Hatch , 8" w/steps & handles		\$772.00
Rear, Hydraulic Pump Off System, 200 GPM w/20' lay flat Hose	Optional pump placement below	\$7,077.00
Rear, Hydraulic Pump Off System, 350 GPM w/20' lay flat Hose	Optional pump placement below	\$9,431.00
Rear, Hydraulic Pump Off System, 400 gpm with 20' lay flat hose	Optional pump placement below	\$9,431.00
Rear, Hydraulic Pump Off System, 450 gpm with 20' lay flat hose	Optional pump placement below	\$12,735.00
Rear, Hydraulic Pump Off System, 575 GPM w/20' lay flat Hose	Optional pump placement below	\$12,735.00
Gravity Drain System; plumbing to gate valve at mid-passenger side of unit, allowing return of liquids to the manhole		\$1,885.00
High Dump Option, Single Axle (9 Yard)	Includes: Rear Hydraulic Door Opener and	\$21,134.00

	wireless remote pendant	
High Dump Option, Tandem Axle	Includes: Rear Hydraulic Door Opener and wireless remote pendant	\$25,358.00
A Flat Style Rear Door ilo Dome Style Door Including Hydraulic Opener will be Provided	A Wear Plate, Swing Style is Included	\$5,429.00
Rear Splash Shield - Rear Flange Mounted	Domed or Flat Door	\$1,901.00
Rear splash guard (2 - 10 O'clock) - tank mounted		\$2,645.00
Water Tank Side Panels, Diamond Plate Aluminum		\$1,706.00
Wear Plate, Swing Style		\$1,035.00
Rubber pad on standard deflector	On flat door, will be on swing style wear plate	\$510.00
Electric Vibrator		\$4,234.00
Wear Plate to cover entire rear door, with hinge		\$1,004.00
Built in Body Prop - Rear Support Frame Mounted		\$470.00
Move Pump Off to Front, Driver's Side of Debris Tank	Must be used with "Rear Pump Off System" option	\$773.00
Move Pump Off to Front, Curbside of Debris Tank	Must be used with "Rear Pump Off System" option	\$773.00
Rear Door Drain Valve Flush Out Connection	Select per valve if multiple required	\$471.00
Stainless Steel Ball on Debris Body Level Indicator	Replaces plastic	\$243.00
Screen assembly over drain port in debris tank	MUST PICK PLACEMENT OF SCREEN BELOW	\$447.00
Debris tank drain screen placement - Standard drain valve	Must be used with "Debris tank drain screen assembly"	\$0.00
Debris tank drain screen placement - Rear door pump off	Must be used with "Debris tank drain screen assembly"	\$0.00
Debris tank drain screen placement - Front debris tank drain	Must be used with "Debris tank drain screen assembly"	\$0.00
Debris tank drain screen placement - Front debris tank pump off	Must be used with "Debris tank drain screen assembly"	\$0.00
Electrical Options		
Low Water Alarm with Light		\$509.00
Body Load Limit Alarm, Level Indicator		\$684.00
Rear Axle Load Limit Alarm		\$926.00
Remote Control (Wireless): Boom, Vacuum Breaker, Throttle & Debris Body (includes Hi-Dump, if applicable). Does not include remote	Replaces Standard Pendant	\$4,650.00

cable pendant controls for boom or hi dump.

4 Way Pendant Control Station		\$512.00
6 Way Pendant Control Station (Spare)		\$512.00
Grounding Cable with Screw Clamp & 25' of Cable		\$511.00
Back Up Alarm	(Standard on Vac-Con 114SD Pool Trucks)	\$274.00
Grounding Mat		\$979.00
Digital Scale System	Single Axle or Tandem Axle	\$7,092.00
Data Logging and Telematics System	Requires Omnibus Precision Power (OPP) Option	\$9,137.00
Additional E-stop at Dump Station		\$442.00
Traffic Camera With Color Monitor - MUST PICK CAMERA PLACEMENT	Pick up to FOUR cameras maximum	\$1,194.00
Rear Camera Placement	To be used with "Traffic Camera" option	\$553.00
Curbside Camera Placement - Mirror Mounted Standard	To be used with "Traffic Camera" option	\$553.00
Driver's Side Camera Placement - Mirror Mounted Standard	To be used with "Traffic Camera" option	\$553.00
Front Bumper Camera Placement	To be used with "Traffic Camera" option	\$553.00
Front Hose Reel Camera Placement - To View in Front of Hose Reel Area	To be used with "Traffic Camera" option	\$553.00
Omnibus Precision Power System (OPP)- Electronic Controller System-Includes: a color monitor, electronic footage counter, and pressure compensated hydraulics. AVAILABLE: DUAL AND SINGLE ENG MACHINES.	Compatible chassis: Freightliners with Cummins ISL and Detroit Diesel DD13, International with N-10, and Peterbilt with ISL and PX	\$5,496.00
Lighting Options		
Mirror Mounted LED Beacon/Strobe Light with Limb Guard - Whelen L21HAP LED Beacon with Whelen BGH Branch Guard	Please Indicate Driver Side or Passenger Side; When (1) is selected, D/S is standard	\$928.00
LED strobe with Limb Guard, Rear Debris Tank Mounted - Whelen L21HAP LED Beacon with Whelen BGH Branch Guard		\$928.00
LED 4 Strobes - (2) front bumper / (2) rear bumper - Whelen 50A03ZCR - Amber		\$1,913.00
LED Arrow Board, Rear Debris Tank Door Mounted - Whelen TA1251NF1 Traffic Arrow		\$3,731.00
LED Arrow stick - Whelen TAM85 Traffic Advisor		\$2,818.00
Arrow Board, D.O.T., WANCO, LED - Rear Debris Tank Door Mounted		\$6,542.00

Hand Held Spot Light - LED		\$600.00
Hand Held Spot Light - LED with 50' Retractable Cord		\$1,057.00
Hand Light Connection, Rear Dump Control Location	Reaches entire unit	\$121.00
LED Boom Mounted Flood Lights with Limb Guard - Whelen NP6BB Worklight		\$736.00
LED Rear Mounted Flood Lights with Limb Guard - Whelen NP6BB Worklight		\$736.00
LED Midbody Flood Lights with guards - Whelen NP6BB (Driverside and Curbside)		\$736.00
Misc Machine Options		
Heavy Reinforced Elbow "Wear Back"		\$1,110.00
Heavy Duty Rubber Hose in lieu of Kanaflex (replace standard)	(Limits Boom Rotation)	\$1,292.00
Rear Mounted Tow Hooks		\$354.00
Remote Boom Grease Zerk Assembly (Ground Level - includes water pump drive) - If Applicable		\$2,391.00
Remote Debris Tank Grease Assembly (Ground Level)	Does not include rollers or cams	\$2,577.00
Remote Hi-Dump Grease Assembly (Single Axle)		\$1,890.00
Remote Hi-Dump Grease Assembly (Tandem Axle)		\$2,260.00
Automatic Lube System - in addition to manual remote grease options (Vac-Con Module)		\$5,300.00
Automatic Lube Kit for Centrifugal Compressor	Available on 2-Stage or 3-Stage Blower	\$2,769.00
Plastic engraved decals - adhesive type (ilo standard)		\$1,715.00
Water Cooler Rack		\$307.00
Centrifugal Compressor Quiet Silencer, Class 4, 304 Stainless Steel Construction, 14in x 40in with 8in discharge		\$4,806.00
Spanish Decals		\$0.00
French Decals		\$0.00
Vanair PTO Shaft Driven Underdeck Mount Air Compressor with Air Knife, Retractable Reel w/70' x 3/4" hose, 185 CFM at 100-150 psi rating. (Delete driver side front water tank).		\$29,453.00

12VDC Auxiliary Hydraulic Pump	Back-up to standard hydraulic pump	\$2,869.00
Rear Bumper Assembly	Standard on Hi-Dump	\$1,766.00
Long Handle Storage/PVC (2) - MUST SELECT LOCATION BELOW		\$505.00
Long Handle Storage Placement - Mounted in Storage Box Under Shelf	Standard with Hydro-X package	\$0.00
Long Handle Storage Placement - Rear of Mainframe	Must be picked with "Long Handle Storage/ PVC (2)" above - UNAVAILABLE ON 1500 GALLON UNITS	\$0.00
Cone Storage Rack - MUST SELECT PLACEMENT BELOW		\$417.00
Cone Storage Rack Placement - Rear of Frame	Must be used with "Cone Storage Rack" Option	\$0.00
Cone Storage Rack Placement - Best Location Driver's Side	Must be used with "Cone Storage Rack" option	\$0.00
Cone Storage Rack Placement - Best Location Curbside	Must be used with "Cone Storage Rack" option	\$0.00
Cone Storage Rack Placement - Best Location - Vac-Con to select	Must be used with "Cone Storage Rack" option	\$0.00
Cone Rack, Hinged Style/Deck		\$750.00
Cone Rack, Between Bogies, Tandem	(2) racks included, one each side	\$555.00
Misc Accessories		
5# Fire Extinguisher, spare (one is standard)		\$160.00
First Aid Kit 690-0500		\$98.00
Triangle Kit 690-0494 (one is standard), spare		\$98.00
Anti-Sail Mud Flaps (rear)		\$307.00
Vacuum Tubing		
3' x 8" Aluminum Pipe Extension		\$243.00
4' x 8" Aluminum Pipe Extension		\$268.00
5' x 8" Aluminum Pipe Extension		\$287.00
6' x 8" Aluminum Pipe Extension		\$322.00
7' x 8" Aluminum Pipe Extension		\$354.00
8' x 8" Aluminum Pipe Extension		\$354.00
10' x 8" Aluminum Pipe Extension		\$388.00
6½' x 8" Catch Basin Nozzle with Serrated End		\$369.00
Leaf Nozzle, 25" x 8" No Holes		\$264.00
8" Adjustable Air Gap w/quick clamp	(1) 8" quick clamp included	\$470.00
Circular Operator Handle 711-0172		\$268.00
8" to Double 4" Y Adapter 800-0476		\$382.00
8" Flange to 6" Sleeve Adapter 800-0351		\$191.00

8" Quick Clamp, spare, 680-0015		\$41.00
8" Rubber Debris Hose / Per Foot 680-0001		\$83.00
8" Hose End 800-0097		\$101.00
8" Power Clamp 680-0016		\$115.00
Rubber Kanaflex hose end for CB Tube/Hydroexcavation		\$118.00
8" Flange to 6" Flange Adapter (800-0647)		\$202.00
6 1/2' x 6" Catch Basin Nozzle with Serrated End		\$215.00

Pipe Storage Racks - 4 standard per unit

Folding Pipe Rack (3), Mtd Rear Door		\$2,909.00
Folding Pipe Rack (3), Tank Mtd, Driver Side		\$2,909.00
Folding Pipe Rack (3), Tank Mtd, Curbside	Not Available on 3-Yard Machine	\$2,909.00
Additional Side Steps (8 are Standard)		\$109.00

Tool / Storage Boxes

Storage Box Behind Cab-TA 180" CT only, Aluminum Diamond Plate, 16 x 42" x 48"	Only available on Tandem Axle 180" CT Units	\$5,129.00
(2) Roll out shelves for storage box behind cab		\$1,598.00
Heater for water pump & control panel box 633-1646		\$2,916.00
Insulation for pump and control panel cabinets (2) and water line plumbing		\$2,297.00
16x42x48 Steel Storage Box (Drivers Side Behind Cab)	Consult factory for adaptability on tandem axle units	\$1,163.00
16x42x48 Aluminum Storage Box (Drivers Side Behind Cab)	consult factory for adaptability on tandem axle units	\$2,999.00
24x18x18 Steel Tool Box (Extended Frame Units w/o rear tanks)		\$920.00
(2) 24x18x18 Aluminum Tool Box (Extended Frame Units w/o Rear Tanks)		\$1,776.00
Heater for Storage Box Behind Cab and Side Tool box	Heater for Storage Box Behind Cab 16"x42"x96", and Side Tool box 51"x24"x24" SA or 51"x44"x24" TA	\$2,916.00
(2) Front Bumper Tool Boxes 8"x14"x6" Aluminum	711-50463 Curbside/711-50484 Driver's side	\$883.00

Manuals

Electronic Vac-Con Manual (Thumb Drive), spare	One electronic manual standard per unit	\$199.00
Paper Vac-Con Manual - No longer standard		\$199.00

Paint - Module Options

Ceramic Coating in Debris Tank, Single Axle		\$4,650.00
Ceramic Coating in Debris Tank, Tandem Axle		\$6,203.00
Paint Module: Single-Stage Polyurethane Elite White (white is standard unless otherwise specified. PPG code: 940813)		\$0.00
Paint Module: Single-Stage Polyurethane Elite School Bus Yellow (PPG code: 916352)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Safety Yellow (PPG code: 920225)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Coca Cola Red (PPG code: 911065)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Candy Apple Red (PPG code: 918623)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Medium Blue (PPG code: 918345)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Deep Blue (PPG code: 918377)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Pepsi Blue (PPG code: 946949)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Omaha Orange (PPG code: 917204)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Cat Yellow (PPG code: 920339)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Lime Green (PPG code: 905804)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Green (PPG code: 918367)		\$0.00
Paint Module: Single-Stage Polyurethane Elite Woodland Green (PPG code: 918359)		\$0.00
Undercoat - Vac-Con Module & Chassis		\$2,092.00
Metallic paint Option		\$8,500.00
Mainframe Deck Coating	In lieu of adhesive grip tape	\$2,759.00
Painted steel upper water tank panels in lieu of standard aluminum diamond plate		\$570.00
Paint - Module Stripe Options		
Reflective Striping, Other than standard colors	Avail colors: Black, Red, Orange, Yellow, Green, Pink	\$690.00
Standard Striping Package - White 692-5204-01		\$0.00
Standard Striping Package - Blue 692-5204-02		\$0.00

Paint - Chassis Options

Chassis Dealer to Paint Cab - Specify Color		\$5,000.00
Paint Chassis Hood Flat Black		\$770.00

Paint - Chassis Stripe Options

Cab "Z" Striping Package, specify Color	Avail colors: White, Blue, Black, Red, Orange, Yellow, Green	\$1,249.00
Cab "Small Stripes" Striping Package, Specify Color	See available colors	\$1,249.00
Cab Painted with Flames		\$3,117.00

Pool Trucks (Chassis)

Freightliner 114SD 4x2 43000GVWR ISL370 3000RDS		\$88,200.00
Freightliner 114SD 6x4 66000GVWR ISL370 3000RDS		\$99,750.00
Freightliner 114SD 66000 6X4 10 SPD 450HP DD13		\$100,300.00
Freightliner 114SD 6x4 66000GVWR DD13 450HP 4500RDS		\$112,300.00
Freightliner 75DGE 114SD 6x4 60000GVWR ISL320 3000RDS		\$149,817.00
Peterbilt 348 4x2 43000GVWR PX-9 345HP 3000RDS	Single Axle	\$91,831.00
Peterbilt 348 6x4 66000GVWR PX-9 345HP 3000RDS	Tandem Axle	\$103,000.00

Pool Truck Modifications

Allison Series 3000 5-year/unlimited mileage	Requires TrandSynd Synthetic Transmission Fluid or TES-295	\$1,428.00
Allison Series 4500 5-year/unlimited mileage	Requires TrandSynd Synthetic Transmission Fluid or TES-295	\$1,770.00
IH 7300&7400: 3yrs./150,000mi. base-vehicle ext. warranty-Includes: 3yrs./UNLmi. towing, Navistar DT engine 3 yrs./150,000mi. W/Aftertreatment, Allison 3000 3yrs. is standard (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	3yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$5,139.00
IH 7300&7400: 4yrs./150,000mi. base-vehicle ext. warranty-Includes: 4yrs./UNLmi. towing, Navistar DT engine 4yrs./150,000mi. W/3yrs. of Aftertreatment, Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	4yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$7,784.00
Roll Bogies, Single Axle		\$2,712.00

Roll Bogies, Tandem Axle		\$3,540.00
Air dryer - Bendix AD-9		\$1,547.00
Air dryer - Bendix AD-IP	(Standard on Vac-Con 114SD Pool Trucks)	\$2,208.00
Air horn - single base	(Standard on Vac-Con 114SD Pool Trucks)	\$1,074.00
Air restriction gauge, dash mounted		\$697.00
Air seat, passenger		\$1,308.00
2-man passenger seat		\$1,320.00
Block Heater		\$855.00
Metric speedometer		\$1,042.00
Heated motorized mirrors		\$2,963.00
Silicone hoses		\$715.00
Front Mud Flaps		\$137.00
Transmission temperature gauge		\$1,388.00
Spare Tire and Rim, Front (Please specify size in comments)		\$2,006.00
Spare Tire and Rim, Rear (Please specify size in comments)		\$1,004.00
Spare Front Wheel (Please specify size in comments)		\$571.00
Spare Rear Wheel (Please specify size in comments)		\$255.00
12 ton jack & lug wrench		\$380.00
Chassis Parts Catalog		\$507.00
Chassis Operators Manual		\$65.00
Parts Manual on CD-Rom		\$507.00
Service Manual on CD-Rom		\$507.00
Wheel Simulators		\$2,524.00
Daytime Running Lights	(Standard on Vac-Con 114SD & IH Pool Trucks)	\$507.00
Remote Chassis Engine Start Switch		\$3,152.00
IH 7300&7400: 5yrs./150,000mi. base-vehicle ext. warranty-Includes: 5yrs./UNLmi. towing, Navistar DT engine 5yrs./150,000mi. W/3yrs. of Aftertreatment, Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	5yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$9,138.00
FR 114SD: 5yrs./200,000mi. ext. warranty: Includes-5yrs. towing, Cummins-ISL370 5yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	5yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$8,292.00

FR 114SD: 3yrs./200,000mi. ext. warranty: Includes- 3yrs. towing, Cummins-ISL370 3yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	3yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$5,241.00
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FR 114SD: 4yrs./200,000mi. ext. warranty: Includes- 4yrs. towing, Cummins-ISL370 4yr./150,000mi. (PP1 W/Aftertreatment), Allison 3000 5yrs./UNLmi. (Requires TrandSynd Synthetic Transmission Fluid or TES-295)	4yrs. TOTAL (Including Standard Warranty From In-Service Date)	\$6,566.00
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Duralift "Self-steer" suspension axle: 13,500lb./Air Ride, Air Lift w/295/75R22.5 tires (Consult factory for adaptability)	Consult Factory: Pusher or tag configuration	\$15,989.00
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Enz USA Inc. List Prices

Item #		Description		List Price
01.028N	1/4"	Rotojet - RGS ø 1,1"	EA	\$ 490.00
01.040A/B	1/2" or 3/4"	Rotojet - RGS ø 1,6"	EA	\$ 805.00
01.050A	1/2"	Rotojet - RGS ø 2,0"	EA	\$ 1,040.00
01.050B	3/4"	Rotojet - RGS ø 2,0"	EA	\$ 1,040.00
01.060	1"	Rotojet - RGS ø 2,4"	EA	\$ 1,055.00
01.100A/LS	1"	Rotojet - RGS/Lift Station	EA	\$ 2,530.00
01.100B	1-1/4"	Rotojet - RGS	EA	\$ 2,530.00
02.016	1/8"	Rotojet - HRH 16 mm (4 & 8 GPM)	EA	\$ 175.00
02.028AN	1/4"	Rotojet - HRH ø 1,1"	EA	\$ 455.00
02.028ASN	1/4"	Rotojet - HRH ø 1,1" with thrust	EA	\$ 490.00
02.028BN	3/8"	Rotojet - HRH ø 1,1"	EA	\$ 455.00
02.040A	1/2"	Rotojet - HRH ø 1,6"	EA	\$ 805.00
02.040AS	1/2"	Rotojet - HRH ø 1,6" with thrust	EA	\$ 815.00
02.040B	3/4"	Rotojet - HRH ø 1,6"	EA	\$ 805.00
02.050A	1/2"	Rotojet - HRH ø 2"	EA	\$ 1,025.00
02.050AS	1/2"	Rotojet - HRH ø 2" with thrust	EA	\$ 1,040.00
02.050B	3/4"	Rotojet - HRH ø 2"	EA	\$ 1,025.00
02.050BS	3/4"	Rotojet - HRH ø 2" with thrust	EA	\$ 1,040.00
02.060	1"	Rotojet - HRH ø 2,4"	EA	\$ 1,055.00
02.100A	1"	Rotojet - HRH ø 4"	EA	\$ 2,530.00
02.100B	1-1/4"	Rotojet - HRH ø 4"	EA	\$ 2,530.00
03.028AN	1/4"	Rotojet - HRV ø 1,1"	EA	\$ 490.00
03.040	1/2"	Rotojet - HRV ø 1,6"	EA	\$ 815.00
03.050A	1/2"	Rotojet - HRV ø 2"	EA	\$ 1,040.00
03.050B	3/4"	Rotojet - HRV ø 2"	EA	\$ 1,040.00
03.060	1"	Rotojet - HRV ø 2,4"	EA	\$ 1,055.00
03.100A	1"	Rotojet - HRV ø 4"	EA	\$ 2,530.00
03.100B	1-1/4"	Rotojet - HRV ø 4"	EA	\$ 2,530.00
04.011N	1/16"	Rotojet - KBR ø 0,47"	EA	\$ 140.00
04.012N	1/8"	Rotojet - KBR ø 0,47"	EA	\$ 150.00
04.016AN	1/8"	Rotojet - KBR w/ bore holes 0.7 - 1.1 mm	EA	\$ 175.00
04.016BN	1/4"	Rotojet - KBR w/ bore holes 0.7 - 1.1 mm	EA	\$ 180.00
04.016ASN	1/8"	Rotojet - KBR (0.8 mm) w/ Thrust	EA	\$ 195.00
04.016BSN	1/4"	Rotojet - KBR (0.8 mm) w/ Thrust	EA	\$ 210.00
04.028AN	1/4"	Rotojet - KBR ø 1,1"	EA	\$ 455.00
04.028ASN	1/4"	Rotojet - KBR ø 1,1" with thrust	EA	\$ 490.00
04.028BN	3/8"	Rotojet - KBR ø 1,1"	EA	\$ 455.00
04.040A	1/2"	Rotojet - KBR ø 1,6"	EA	\$ 805.00
04.040AS	1/2"	Rotojet - KBR ø 1,6" with thrust	EA	\$ 815.00
04.040B	3/4"	Rotojet - KBR ø 1,6"	EA	\$ 805.00
04.050A	1/2"	Rotojet - KBR ø 2"	EA	\$ 1,025.00
04.050AS	1/2"	Rotojet - KBR ø 2" with thrust	EA	\$ 1,040.00
04.050B	3/4"	Rotojet - KBR ø 2"	EA	\$ 1,025.00
04.050BS	3/4"	Rotojet - KBR ø 2" with thrust	EA	\$ 1,040.00
04.060	1"	Rotojet - KBR ø 2,4"	EA	\$ 1,055.00
04.100A	1"	Rotojet - KBR ø 4"	EA	\$ 2,530.00
04.100B	1-1/4"	Rotojet - KBR ø 4"	EA	\$ 2,530.00
01.028ANE	1/4"	Rotopuls - RGS 28 mm virbration nozzle	EA	\$ 640.00
01.030ANE	1/4"	Rotopuls - RGS 30 mm virbration nozzle	EA	\$ 665.00
02.028ANE	1/4"	Rotopuls - HRH 28 mm virbration nozzle	EA	\$ 675.00
02.028BNE	3/8"	Rotopuls - HRH 28 mm virbration nozzle	EA	\$ 675.00

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04.016ANE08	1/8"	Rotopuls - KBR 16 mm (0.8 bore holes)	EA	\$ 200.00
04.016ANE10	1/8"	Rotopuls - KBR 16 mm (1.0 bore holes)	EA	\$ 200.00
04.016ANES08	1/8"	Rotopuls - KBR 16 mm (0.8 bore holes) w/ thrust	EA	\$ 240.00
04.016ANES10	1/8"	Rotopuls - KBR 16 mm (1.0 bore holes) w/ thrust	EA	\$ 240.00
04.016BNE08	1/4"	Rotopuls - KBR 16 mm (0.8 bore holes)	EA	\$ 200.00
04.016BNE10	1/4"	Rotopuls - KBR 16 mm (1.0 bore holes)	EA	\$ 200.00
04.016BNES08	1/4"	Rotopuls - KBR 16 mm (0.8 bore holes) w/ thrust	EA	\$ 240.00
04.016BNES10	1/4"	Rotopuls - KBR 16 mm (1.0 bore holes) w/ thrust	EA	\$ 240.00
04.040AE	1/2"	Rotopuls - KBR ø 1,6" vibration nozzle	EA	\$ 1,190.00
04.044AE	1/2"	Rotopuls 1.8" - CT 1/2"	EA	\$ 1,300.00
04.050AE	1/2"	Rotopuls - KBR ø 2" vibration nozzle	EA	\$ 1,260.00
04.050BE	3/4"	Rotopuls - KBR ø 2" vibration nozzle	EA	\$ 1,260.00
04.060EK	1"	Rotopuls - KBR ø 2.4" vibration nozzle	EA	\$ 1,510.00
04.100AE	1"	Rotopuls - KBR ø 4" vibration nozzle	EA	\$ 2,750.00
04.100BE	1-1/4"	Rotopuls - KBR ø 4" vibration nozzle	EA	\$ 2,750.00
04.011V	1/16"	Rotojet - KBRV ø 0,47" combi forward	EA	\$ 140.00
04.012V	1/8"	Rotojet - KBRV ø 0,47" combi forward	EA	\$ 150.00
04.016AVN	1/8"	Rotojet - KBRV 16 mm (0.4 mm - 1.1 mm bore holes)	EA	\$ 175.00
04.016AVS	1/8"	Rotojet - KBRV 16 mm (0.4 mm - 1.1 mm bore holes) w/ Thrust	EA	\$ 195.00
04.016BVN	1/4"	Rotojet - KBRV 16 mm (0.4 mm - 1.1 mm bore holes)	EA	\$ 180.00
04.016BVS	1/4"	Rotojet - KBRV 16 mm (0.4 mm - 1.1 mm bore holes) w/ Thrust	EA	\$ 210.00
04.028AVN	1/4"	Rotojet - KBR ø 1,1" combi forward	EA	\$ 490.00
04.040AV	1/2"	Rotojet - KBRV ø 1,6" combi forward	EA	\$ 815.00
04.050AV	1/2"	Rotojet - KBRV ø 2" combi forward	EA	\$ 1,040.00
04.050BV	3/4"	Rotojet - KBRV ø 2" combi forward	EA	\$ 1,040.00
04.060V	1"	Rotojet - KBRV ø 2,4" combi forward	EA	\$ 1,055.00
04.100AV	1"	Rotojet - KBRV ø 4" combi forward	EA	\$ 2,530.00
04.100BV	1-1/4"	Rotojet - KBRV ø 4" combi forward	EA	\$ 2,530.00
07.300A	1"	Propeller Nozzle 12 -24"	EA	\$ 10,995.00
07.300B	1-1/4"	Propeller Nozzle 12 -24"	EA	\$ 10,995.00
07.600A	1"	Propeller Nozzle 24 -48"	EA	\$ 16,425.00
07.600B	1-1/4"	Propeller Nozzle 24 -48"	EA	\$ 16,425.00
07.1400A	1"	Propeller Nozzle 56 -80"	EA	\$ 24,155.00
07.1400B	1-1/4"	Propeller Nozzle 56 -80"	EA	\$ 24,155.00
09.001	1/2"	Plastic Tool Case	EA	\$ 180.00
09.003	3/4"	Plastic Tool Case	EA	\$ 285.00
09.004	1"	Plastic Tool Case	EA	\$ 325.00
09.093U	3 mm	Precision Metric Nut Driver	EA	\$ 18.00
09.0935U	3.5 mm	Precision Metric Nut Driver	EA	\$ 19.00
09.095U	5 mm	Precision Metric Nut Driver	EA	\$ 19.00
09.097U	7 mm	Precision Metric Nut Driver	EA	\$ 20.00
09.100U	10 mm	Precision Metric Nut Driver	EA	\$ 25.00
09.09S	3.5 - 10 mm	Complete Set - Metric Nut Drivers	SET	\$ 83.00
C173	1/8" M / 1/4" F	HP Hose 3/16" for 3625 PSI (11 yards)	EA	\$ 125.00
C174	1/8" M / 1/4" F	HP Hose 3/16" for 3625 PSI (16 yards)	EA	\$ 175.00
C175	1/8" M / 1/4" F	HP Hose 3/16" for 3625 PSI (22 yards)	EA	\$ 250.00
C176-20	1/4" M / 1/2" F	HP Hose 1/4" for 3625 PSI (22 yards)	EA	\$ 195.00
C176-30	1/4" M / 1/2" F	HP Hose 1/4" for 3625 PSI (33 yards)	EA	\$ 265.00
C202		Tip Cleaning Kit	EA	\$ 45.00
C200		Nozzle gauge (0.02" - 0.06")	EA	\$ 25.00
C201		Nozzle gauge (0.06" - 0.12")	EA	\$ 25.00
10.028	1/4"	Rotating Chain Scraper ø 1.5" - 4"	EA	\$ 1,300.00
10.061A/B	1/2" / 3/4"	Rotating Chain Scraper ø 3 - 6"	EA	\$ 1,275.00
10.060A/B/CTR_US Set	3/8" / 1/2" / 3/4"	Rotating Turbine Chain Scraper ø 4" w/ kit box	EA	\$ 1,800.00

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10.060A/B/CTR_3-6 Set	3/8" / 1/2" / 3/4"	Rotating Turbine Chain Scraper ø 3"-6" set w/ kit box	EA	\$ 2,200.00
10.060A/B/CTR_3-8 Set	3/8" / 1/2" / 3/4"	Rotating Turbine Chain Scraper ø 3"-8" set w/ kit box	EA	\$ 2,500.00
10.125TR_US	1/2", 3/4", 1"	Rotating Turbine Chain Scraper ø 8" w/ 10.080 Skid Body	EA	\$ 2,975.00
10.125TR-BO_8	1/2", 3/4", 1"	Rotating Turbine Chain Scraper ø 8" - Body Only	EA	\$ 2,300.00
10.125TR_6-10_SET	1/2", 3/4", 1"	Rotating Turbine Chain Scraper ø 6" -10" Set w/ kit box	EA	\$ 3,350.00
10.125TR_8-12_SET	1/2", 3/4", 1"	Rotating Turbine Chain Scraper ø 8" -12" Set w/ kit box	EA	\$ 3,725.00
10.125TR_6-12_SET	1/2", 3/4", 1"	Rotating Turbine Chain Scraper ø 6" -12" Set w/ kit box	EA	\$ 3,825.00
10.150RL	1"	Rotating Chain Scraper ø 6 - 10"	EA	\$ 5,250.00
10.200RS	1"	Recycling Rotating Chain Scraper ø 8 - 16"	EA	\$ 7,585.00
10.200R	1"	Recycling Rotating Chain Scraper ø 8 - 16" w/ Center Head	EA	\$ 8,425.00
10.400RS	1"	Recycling Rotating Chain Scraper ø 16 - 32"	EA	\$ 10,300.00
10.400R	1"	Recycling Rotating Chain Scraper ø 16 - 32" w/ Center Head	EA	\$ 11,400.00
0010.15011	Kit	Center Head Roller Chain Holder - 10.150R	EA	\$ 450.00
0010.200S	Kit	Cable Flail Head with 5 sets of cable inserts (8"-16")	EA	\$ 1,290.00
0010.2004R	Kit	Center Head w/ 4 sets Chain (10.200R)	EA	\$ 1,875.00
0010.4004R	Kit	Center Head w/ 4 sets Chain (10.400R)	EA	\$ 2,190.00
0010.0405TRM		Cap w/ Carbide Teeth for 10.060A/B/CTR	EA	\$ 370.00
0010.0605TRM		Root Knife for 10.060A/B/CTR	EA	\$ 135.00
0010.1254TR		Root Knife for 10.125TR	EA	\$ 195.00
0010.0604		Root Knife for 10.060	EA	\$ 165.00
0010.0804		Root Knife for 10.080	EA	\$ 170.00
0010.2509		Root Knife for 10.200RS	EA	\$ 225.00
0010.3804		Root Knife for 10.400RS (Require Qty. 2)	EA	\$ 175.00
0010.150D	6"	Diamond Crown Tapcutter for Universal	EA	\$ 1,100.00
0010.200D	8"	Diamond Crown Tapcutter for Universal	EA	\$ 2,100.00
0010.250D	10"	Diamond Crown Tapcutter for Universal	EA	\$ 2,425.00
0010.300D	12"	Diamond Crown Tapcutter for Universal	EA	\$ 3,600.00
0010.028K		Chain per yard - 10.028	EA	\$ 65.00
0010.028G		Pin Bolt Chain - 10.028 per yard	EA	\$ 85.00
		10.060A/B Chain		
11.07		Chain 10.060A/B (3") 7 links	SET	\$ 30.00
11.07		Chain 10.060A/B (4-5") 7 links	SET	\$ 30.00
11.09		Chain 10.060A/B (6") 9 links	SET	\$ 35.00
11.07P		Chain w/ Plates 10.060A/B (3") 7 links	SET	\$ 100.00
11.07P		Chain w/ Plates 10.060A/B (4-5") 7 links	SET	\$ 100.00
11.09P		Chain w/ Plates 10.060A/B (6") 9 links	SET	\$ 110.00
		10.080 Chain		
11.B07		Chain 10.080 (5") 7 links	SET	\$ 31.00
11.B07		Chain 10.080 (6") 7 links	SET	\$ 31.00
11.B09		Chain 10.080 (8") 9 links	SET	\$ 36.00
11.B09		Chain 10.080 (9") 9 links	SET	\$ 36.00
11.B11		Chain 10.080 (10") 11 links	SET	\$ 41.00
11.B07P		Chain w/ Plates 10.080 (5") 7 links	SET	\$ 125.00
11.B07P		Chain w/ Plates 10.080 (6") 7 links	SET	\$ 125.00
11.B09P		Chain w/ Plates 10.080 (8 & 9") 9 links	SET	\$ 130.00
11.B11P		Chain w/ Plates 10.080 (10") 11 links	SET	\$ 144.00
		10.060A/B/CTR Chain & Skids		

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0010.040K	Chain per yard - 10.060A/B/CTR	EA	\$ 80.00
0010.040G	Pin Bolt Chain - 10.060A/B/CTR per yard	EA	\$ 70.00
0010.060060K	Chain 10.060A/B/CTR (2.25") 4 links	SET	\$ 18.00
0010.060075K	Chain 10.060A/B/CTR (3") 4 links	SET	\$ 18.00
0010.060100K	Chain 10.060A/B/CTR (4") 5 links	SET	\$ 21.00
0010.060125K	Chain 10.060A/B/CTR (5") 6 links	SET	\$ 24.00
0010.060150K	Chain 10.060A/B/CTR (6") 6 links	SET	\$ 24.00
0010.060200K	Chain 10.060A/B/CTR (8") 8 links	SET	\$ 31.00
0010.060060G	Pin Bolt Chain w/ plates 10.060A/B/CTR (2.25") 4 pins	SET	\$ 95.00
0010.060075G	Pin Bolt Chain w/ plates 10.060A/B/CTR (3") 4 pins	SET	\$ 98.00
0010.060100G	Pin Bolt Chain w/ plates 10.060A/B/CTR (4") 4 pins	SET	\$ 102.00
0010.060125G	Pin Bolt Chain w/ plates 10.060A/B/CTR (5") 5 pins	SET	\$ 110.00
0010.060150G	Pin Bolt Chain w/ plates 10.060A/B/CTR (6") 6 pins	SET	\$ 113.00
0010.060200G	Pin Bolt Chain w/ plates 10.060A/B/CTR (8") 8 pins	SET	\$ 125.00
SKIDS	10.060A/B/CTR		
0010.060710TR	Skid(s) for 10.060A/B/CTR - 4"	EA	\$ 22.00
0010.060712TR	Skid(s) for 10.060A/B/CTR - 5"	EA	\$ 22.00
0010.060715TR	Skid(s) for 10.060A/B/CTR - 6"	EA	\$ 22.00
0010.060720TR	Skid(s) for 10.060A/B/CTR - 8"	EA	\$ 22.00
0010.0607TR	Skid Cage for 10.060A/B/CTR	EA	\$ 175.00
	10.125TR Chain & Skids		
11	Chain per yard - 10.125TR	EA	\$ 46.00
0010.125G	Pin Bolt Chain - 10.125TR per yard	EA	\$ 92.00
0010.125125K	Chain 10.125TR (5") - 7 links	SET	\$ 26.00
0010.125150K	Chain 10.125TR (6") - 9 links	SET	\$ 31.00
0010.125200K	Chain 10.125TR (8") - 13 links	SET	\$ 36.00
0010.125225K	Chain 10.125TR (9") - 13 links	SET	\$ 36.00
0010.125250K	Chain 10.125TR (10") - 15 links	SET	\$ 41.00
0010.125300K	Chain 10.125TR (12") - 17 links	SET	\$ 46.00
0010.125125G	Pin Bolt Chain w/ plates 10.125TR (5") - 5 pins	SET	\$ 110.00
0010.125150G	Pin Bolt Chain w/ plates 10.125TR (6") - 6 pins	SET	\$ 112.00
0010.125200G	Pin Bolt Chain w/ plates 10.125TR (8") - 8 pins	SET	\$ 114.00
0010.125225G	Pin Bolt Chain w/ plates 10.125TR (9") - 9 Pins	SET	\$ 114.00
0010.125250G	Pin Bolt Chain w/ plates 10.125TR (10") - 10 pins	SET	\$ 115.00
0010.125300G	Pin Bolt Chain w/ plates 10.125TR (12") - 12 pins	SET	\$ 117.00
0010.125150SE	Cable Set 10.125TR (6")	SET	\$ 135.00
0010.125200SE	Cable Set 10.125TR (8")	SET	\$ 145.00
0010.125250SE	Cable Set 10.125TR (10")	SET	\$ 165.00
SKIDS	10.125TR		
0010.125715TR	Skid(s) for 10.125TR - 6"	EA	\$ 24.00
0010.125720TR	Skid(s) for 10.125TR - 8"	EA	\$ 31.00
0010.125725TR	Skid(s) for 10.125TR - 10"	EA	\$ 31.00
0010.125730TR	Skid(s) for 10.125TR - 12"	EA	\$ 65.00
0010.1257TR	Skid Cage for 10.125TR	EA	\$ 200.00
	10.150R		
0010.150150K	Chain 10.150R (6") - 7 links	SET	\$ 31.00

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0010.150200K		Chain 10.150R (8") - 9 links	SET	\$	36.00
0010.150250K		Chain 10.150R (10") - 11links	SET	\$	41.00
0010.150150G		6" Roller Chain w/ Plates 150 mm - 10.150R	SET	\$	175.00
0010.150200G		8" Roller Chain w/ Plates 200 mm - 10.150R	SET	\$	180.00
0010.150250G		10" Roller Chain w/ Plates 250 mm - 10.150R	SET	\$	185.00
0010.1508R		Chain End Plate (10.150R) Set (3)	SET	\$	110.00
0010.150G		Roller Chain - 10.150R per yard	EA	\$	90.00
11.B / 0010.150K		Chain per yard for 10.150R/10.080	EA	\$	55.00
		10.200R/RS - 10.400R/RS Chain			
12		Chain per yard for 10.200 / 10.400	EA	\$	60.00
12.03		Chain with 3 links	SET	\$	38.00
12.05		Chain with 5 links	SET	\$	45.00
12.05P		Chain with 5 links and manganese plates	SET	\$	97.00
12.07		Chain with 7 links	SET	\$	57.00
12.07P		Chain with 7 links and manganese plates	SET	\$	108.00
12.09		Chain with 9 links	SET	\$	74.00
12.09P		Chain with 9 links and manganese plates	SET	\$	123.00
12.11		Chain with 11 links	SET	\$	84.00
12.11P		Chain with 11 links and manganese plates	SET	\$	134.00
12.13		Chain with 13 links	SET	\$	98.00
12.13P		Chain with 13 links and manganese	SET	\$	149.00
12.15		Chain with 15 links	SET	\$	124.00
12.15P		Chain with 15 links and manganese	SET	\$	168.00
12.17		Chain with 17 links	SET	\$	119.00
12.17P		Chain with 17 links and manganese	SET	\$	182.00
12.19		Chain with 19 links	SET	\$	167.00
12.19P		Chain with 19 links and manganese	SET	\$	190.00
12.21		Chain with 21 links	SET	\$	184.00
12.21P		Chain with 21 links and manganese	SET	\$	211.00
12.23		Chain with 23 links	SET	\$	203.00
12.23P		Chain with 23 links and manganese	SET	\$	221.00
12.G		Roller Chain - 1 yard (10.200R & 10.400R)	EA	\$	101.00
0010.2008R		Chain End Plate for 10.200R & 10.400R (Set of 3)	SET	\$	134.00
12.200G		Set of Roller Chain w/ Plate..8" Pipe (10.200R)	SET	\$	283.00
12.250G		Set of Roller Chain w/ Plate..10" Pipe (10.200R)	SET	\$	304.00
12.300G		Set of Roller Chain w/ Plate..12" Pipe (10.200R)	SET	\$	304.00
12.350G		Set of Roller Chain w/ Plate..14" Pipe (10.200R)	SET	\$	330.00
12.401G		Set of Roller Chain w/ Plate..16" Pipe (10.200R)	SET	\$	330.00
12.402G		Set of Roller Chain w/ Plate..16" Pipe (10.400R)	SET	\$	304.00
12.450G		Set of Roller Chain w/ Plate..18" Pipe (10.400R)	SET	\$	330.00
12.500G		Set of Roller Chain w/ Plate..20" Pipe (10.400R)	SET	\$	330.00
12.600G		Set of Roller Chain w/ Plate..24" Pipe (10.400R)	SET	\$	366.00
12.700G		Set of Roller Chain w/ Plate..28" Pipe (10.400R)	SET	\$	391.00
12.800G		Set of Roller Chain w/ Plate..32" Pipe (10.400R)	SET	\$	417.00
12.200S	8"	Cable Flail Insert set - Looped	SET	\$	115.00
12.200SE	8"	Cable Flail Insert set - Straight	SET	\$	115.00
12.250S	10"	Cable Flail Insert set - Looped	SET	\$	115.00
12.250SE	10"	Cable Flail Insert set - Straight	SET	\$	115.00
12.300S	12"	Cable Flail Insert set - Looped	SET	\$	124.00
12.300SE	12"	Cable Flail Insert set - Straight	SET	\$	124.00
12.350S	14"	Cable Flail Insert set - Looped	SET	\$	139.00

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12.350SE	14"	Cable Flail Insert set - Straight	SET	\$ 139.00
12.400S	16"	Cable Flail Insert set - Looped	SET	\$ 149.00
12.400SE	16"	Cable Flail Insert set - Straight	SET	\$ 149.00
		Non-Percussion		
13.040TR	1/2"	Milling Cutter complete with diamond ϕ 1,6"	EA	\$ 1,600.00
13.060TR	1"	Milling Cutter complete with diamond ϕ 2,4"	EA	\$ 2,000.00
		Percussion or Non-Percussion		
14.100	1"	Percussion Milling Cutter ϕ 4" complete	EA	\$ 5,200.00
14.100K		Percussion Milling Cutter replacement head ϕ 4"	EA	\$ 1,510.00
14.120	1"	Percussion Milling Cutter ϕ 5" complete	EA	\$ 5,250.00
14.150	1"	Percussion Milling Cutter ϕ 6" complete	EA	\$ 6,600.00
14.150K		Percussion Milling Cutter replacement head ϕ 6"	EA	\$ 2,290.00
14.200	1"	Percussion Milling Cutter ϕ 8" complete	EA	\$ 10,300.00
14.200K		Percussion Milling Cutter replacement head ϕ 8"	EA	\$ 2,785.00
14.225	1"	Percussion Milling Cutter ϕ 9" complete	EA	\$ 11,565.00
14.250	1"	Percussion Milling Cutter ϕ 10" complete	EA	\$ 10,400.00
14.250K		Percussion Milling Cutter replacement head ϕ 10"	EA	\$ 3,225.00
14.300	1"	Percussion Milling Cutter ϕ 12" complete	EA	\$ 13,900.00
14.300K		Percussion Milling Cutter replacement head ϕ 12"	EA	\$ 3,845.00
14.300M		Percussion Milling Cutter replacement head with hub ϕ 12"	EA	\$ 6,955.00
14.350	1"	Percussion Milling Cutter ϕ 14" complete	EA	\$ 15,050.00
14.350K		Percussion Milling Cutter replacement head ϕ 14"	EA	\$ 4,845.00
14.350M		Percussion Milling Cutter replacement head with hub ϕ 14"	EA	\$ 8,020.00
14.400	1"	Percussion Milling Cutter ϕ 16" complete	EA	\$ 16,685.00
14.400K		Percussion Milling Cutter replacement head ϕ 16"	EA	\$ 5,615.00
14.400M		Percussion Milling Cutter replacement head with hub ϕ 16"	EA	\$ 9,045.00
14.450	1"	Percussion Milling Cutter ϕ 18" complete	EA	\$ 18,930.00
14.450K		Percussion Milling Cutter replacement head ϕ 18"	EA	\$ 6,920.00
14.450KU		Adapter plate set for cutters 16 - 24"	EA	\$ 1,150.00
14.450M		Percussion Milling Cutter replacement head with hub ϕ 18"	EA	\$ 9,650.00
14.500	1"	Percussion Milling Cutter ϕ 20" complete	EA	\$ 20,500.00
14.500M		Percussion Milling Cutter replacement head with hub ϕ 20"	EA	\$ 12,250.00
14.600	1"	Percussion Milling Cutter ϕ 24" complete	EA	\$ 22,100.00
14.600M		Percussion Milling Cutter replacement head with hub ϕ 24"	EA	\$ 13,275.00
0014.100D	4"	Diamond Crown Tapcutter for Universal	EA	\$ 1,967.00
0014.150D	6"	Diamond Crown Tapcutter for Universal	EA	\$ 3,015.00
0014.200D	8"	Diamond Crown Tapcutter for Universal	EA	\$ 3,579.00
0014.250D	10"	Diamond Crown Tapcutter for Universal	EA	\$ 3,940.00
0014.300D	12"	Diamond Crown Tapcutter for Universal	EA	\$ 4,893.00
0014.350D	14"	Diamond Crown Tapcutter for Universal	EA	\$ 5,227.00
0014.400D	16"	Diamond Crown Tapcutter for Universal	EA	\$ 5,547.00
14.D		Spacers for non-percussion	SET	\$ 104.00
14.K		Cam plates / Set of 2	SET	\$ 685.00
14.T		Cup Spring 3.00 mm for ϕ 4" - 6"	EA	\$ 17.00
14.T1		Cup Spring 3.5 mm for ϕ 8" - 24"	EA	\$ 17.00
14.ZS		Pull-rod M16 x 1.5, 10"	EA	\$ 195.00
15.ZU		Standard Universal tooth (4" - 24" PMC)	EA	\$ 80.00
15.ZU-GSL		Universal Tooth - specifically for plastic pipes (4" - 24" PMC)	EA	\$ 165.00
15.Z1		Universal Tooth - Center (5" - 6" PMC)	EA	\$ 65.00
15.Z1-100		Universal Tooth - Center (4" PMC)	EA	\$ 75.00
15.Z1-ZK		Universal Tooth for Center Cap (8" - 24" PMC)	EA	\$ 75.00
15.ZHU		Universal Tooth for Outer ring protection (4" - 24" PMC)	EA	\$ 105.00
15.ZDSU-30/60		Diamond Tooth (4" - 24" PMC)	EA	\$ 175.00

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15.ZK		Center Hub	EA	\$ 650.00
15.ZKB		Center Hub w/ Bore Hole	EA	\$ 550.00
17.040A-001	1/2"	Guiding Nozzle Set - HRH - CT 1/2"	EA	\$ 825.00
17.0440AE-001	1/2"	Guiding Nozzle Set w/ Vibration - CT 1/2"	EA	\$ 1,060.00
17.050-001	1/2"	Guiding Nozzle Set - Grenade - CT 1/2"	EA	\$ 600.00
18.43		Spray Gun 7200 PSI w/ Extension	EA	\$ 850.00
18.44		Spray Gun ST 2600	EA	\$ 400.00
18.45		Spray Gun ST 3600 Vario	EA	\$ 588.00
18.040	3/8"	Rotating Surface Cleaner 3/8"	EA	\$ 950.00
18.020135	1/4"	Rotating Hydro-excavating Nozzle - FJ .1.35 mm	EA	\$ 180.00
18.020150	1/4"	Rotating Hydro-excavating Nozzle - FJ .1.5 mm	EA	\$ 180.00
18.020170	1/4"	Rotating Hydro-excavating Nozzle - FJ .1.7 mm	EA	\$ 180.00
18.020190	1/4"	Rotating Hydro-excavating Nozzle - FJ 2.0 mm	EA	\$ 180.00
66.0106.20050		Rebuild kit for 18.020135	EA	\$ 95.00
66.0106.20065		Rebuild kit for 18.020150	EA	\$ 95.00
66.0106.20080		Rebuild kit for 18.020170	EA	\$ 95.00
66.0106.20100		Rebuild kit for 18.020190	EA	\$ 95.00
22.04	M 4	Ceramic Inserts ø 0,3 - 1.5 mm	EA	\$ 25.00
22.04B	M 4	Blind Plug	EA	\$ 2.00
22.06	M 6	Ceramic Inserts ø 0,3 - 3.0 mm	EA	\$ 27.00
22.06B	M 6	Blind Plug	EA	\$ 2.00
22.08	M 8	Ceramic Inserts ø 1.0 - 3.4 mm	EA	\$ 29.00
22.08B	M 8	Blind Plug	EA	\$ 2.00
22.08F	M 8	M8 Fan Jet	EA	\$ 35.00
22.10	M 10	Ceramic Inserts ø 1.0 - 4.0 mm	EA	\$ 33.00
22.10B	M 10	Blind Plug	EA	\$ 3.60
22.10F	M 10	M10 Fan Jet	EA	\$ 38.00
22.025	G 1/4"	Ceramic Insert G 1/4 Jet	EA	\$ 33.00
22.025F	G 1/4"	Ceramic Insert G 1/4 Fan Jet	EA	\$ 35.00
04.F028W		Front Jet 28 mm (New Style Allen Bolt)	EA	\$ 22.00
04.F040W		Front Jet 40 mm (New Style Allen Bolt)	EA	\$ 22.00
04.F050W		Front Jet 50 mm (New Style Allen Bolt)	EA	\$ 22.00
04.F060W		Front Jet 60 mm w/ M4 Insert (New Style Allen Bolt)	EA	\$ 40.00
22.FJ3		Front Jet M3 for 04.012	EA	\$ 22.00
22.FJ5		Front Jet M5 for 04.016	EA	\$ 22.00
22.FJ6		Front Jet M6 for --.028 / --.040 / --.050	EA	\$ 22.00
22.FJ10		Front Jet M10 for --.060	EA	\$ 47.00
22.FJ16		Front Jet M16 for --.100	EA	\$ 59.00
24.050	1/2"	Swivel Joint 1/2" (High Force)	EA	\$ 300.00
24.050U	1/2"	Swivel Joint 1/2" (Universal)	EA	\$ 200.00
24.075	3/4"	Swivel Joint 3/4" (High Force)	EA	\$ 440.00
24.075U	3/4"	Swivel Joint 3/4" (Universal)	EA	\$ 240.00
24.100	1"	Swivel Joint 1" (50.100 & Type 14 PMC) (High Force)	EA	\$ 650.00
24.100R	1"	Swivel Joint for Recycling Chain Flail	EA	\$ 2,600.00
24.100U	1"	Swivel Joint - 1" to 1"	EA	\$ 310.00
24.125	1-1/4"	Swivel Joint - High Force 1-1/4"	EA	\$ 675.00
24.125S	1-1/4"	Swivel Joint w/ Thrust Jets	EA	\$ 1,125.00
24.150	1-1/2"	Swivel Joint - High Force	EA	\$ 1,025.00
24.54510		Expansion Bushing 1/4" to 1/2"	EA	\$ 21.00
24.54511		Expansion Bushing 3/8" to 1/2"	EA	\$ 10.00
24.54514		Expansion Bushing 1/2" to 3/4"	EA	\$ 33.00

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24.54517		Expansion Bushing 3/4" to 1"	EA	\$ 29.00
24.54520		Expansion Bushing 1" to 1-1/4"	EA	\$ 66.00
24.54524		Expansion Bushing 1" to 1-1/2"	EA	\$ 134.00
24.54602		Reduction Bushing 1/4" to 1/8"	EA	\$ 7.00
24.54604		Reduction Bushing 3/8" to 1/4"	EA	\$ 7.00
24.54607		Reduction Bushing 1/2" to 3/8"	EA	\$ 7.00
24.54611		Reduction Bushing 3/4" to 1/2"	EA	\$ 8.00
24.54615		Reduction Bushing 1" to 3/4"	EA	\$ 11.00
24.54620		Reduction Bushing 1-1/4" to 1"	EA	\$ 13.00
24.54624		Reduction Bushing 1-1/2" to 1"	EA	\$ 29.00
19.100B		Swiss Reduction Bushing 1" to 3/4"	EA	\$ 77.00
30.012NSL10	1/8"	Drilled nozzle for pipe cleaning (2.6 GPM)	EA	\$ 67.00
30.012NSL10F	1/8"	Drilled nozzle for pipe cleaning w/ front jet (2.6 GPM)	EA	\$ 70.00
30.012NSL15	1/8"	Drilled nozzle for pipe cleaning (4 GPM)	EA	\$ 67.00
30.012NSL15F	1/8"	Drilled nozzle for pipe cleaning w/ front jet (4 GPM)	EA	\$ 70.00
30.0253NSL10	1/4"	Drilled nozzle for pipe cleaning 3 rear jets (2.6 GPM)	EA	\$ 75.00
30.0253NSL10F	1/4"	Drilled nozzle for pipe cleaning 3 rear w/ front jet (2.6 GPM)	EA	\$ 80.00
30.0253NSL15	1/4"	Drilled nozzle for pipe cleaning - 3 rear jets (4 GPM)	EA	\$ 75.00
30.0253NSL15F	1/4"	Drilled nozzle for pipe cleaning - 3 rear w/ front jet (4 GPM)	EA	\$ 80.00
35.0253NSL20	1/4"	Drilled nozzle for pipe cleaning - 3 rear w/ 4 front jets (5 GPM)	EA	\$ 95.00
30.0256NSL30	1/4"	Drilled nozzle for pipe cleaning - 6 rear jets (8 GPM)	EA	\$ 75.00
30.0256NSL30F	1/4"	Drilled nozzle for pipe cleaning - 6 rear jets w/ front jet (8 GPM)	EA	\$ 80.00
30.038NSL40	3/8"	Drilled nozzle for pipe cleaning (10.5 GPM)	EA	\$ 120.00
30.038NSL40F	3/8"	Drilled nozzle for pipe cleaning with drilled front jet (10.5 GPM)	EA	\$ 125.00
30.050NSL40	1/2"	Drilled nozzle for pipe cleaning (10.5 GPM)	EA	\$ 125.00
30.050NSL40F	1/2"	Drilled nozzle for pipe cleaning with drilled front jet (13 GPM)	EA	\$ 130.00
30.050NSL70	1/2"	Drilled nozzle for pipe cleaning (18 GPM)	EA	\$ 125.00
30.050NSL70F	1/2"	Drilled nozzle for pipe cleaning with drilled front jet (21 GPM)	EA	\$ 130.00
35.050NSL40	1/2"	Drilled nozzle for pipe cleaning w/ 4 front jets (10.5 GPM)	EA	\$ 165.00
35.050NSL70	1/2"	Drilled nozzle for pipe cleaning w/ 4 front jets (18 GPM)	EA	\$ 165.00
35.075NSL160	3/4"	Drilled nozzle for pipe cleaning w/ 4 front jets (42 GPM)	EA	\$ 185.00
30.038N	3/8"	Nozzle for channel and pipe cleaning	EA	\$ 215.00
30.050	1/2"	Nozzle for channel and pipe cleaning	EA	\$ 265.00
35.050	1/2"	Nozzle for channel and pipe cleaning wth 5 front jets	EA	\$ 330.00
35.050EI	1/2"	Egg Nozzle for channel and pipe cleaning wth 5 front jets	EA	\$ 380.00
30.075	3/4"	Nozzle for channel and pipe cleaning	EA	\$ 300.00
30.100	1"	Nozzle for channel and pipe cleaning	EA	\$ 470.00
30.100SP20	1"	Nozzle for channel and pipe cleaning - 20' Jets	EA	\$ 470.00
35.100	1"	Nozzle for channel and pipe cleaning - w/ 4 Front Jets	EA	\$ 580.00
30.125	1-1/4"	Nozzle for channel and pipe cleaning	EA	\$ 600.00
36.025NiREV	1/4"	Bend Rotodrill Nozzle - CT 1/4"	EA	\$ 500.00
36.038NiREV	3/8"	Bend Rotodrill Nozzle - CT 3/8"	EA	\$ 510.00
36.050-12	1/2"	Rotodrill Nozzle - CT 1/2" w/ 1.2 Front Jet	EA	\$ 430.00
36.050-15	1/2"	Rotodrill Nozzle - CT 1/2" w/ 1.5 Front Jet	EA	\$ 430.00
36.075	3/4"	Rotodrill Nozzle - CT 3/4"	EA	\$ 505.00
36.100	1"	Rotodrill Nozzle - CT 1"	EA	\$ 615.00
66.21040-060		Rebuild Kit for 36.050 - 1.2 mm	EA	\$ 165.00
66.21040-060		Rebuild Kit for 36.050 & 36.075 - 1.5 mm	EA	\$ 165.00
66.21060-200		Rebuild Kit for 36.100	EA	\$ 250.00

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40.025N-10	1/4"	Grenade Bomb Nozzle	EA	\$ 165.00
40.038	3/8"	Grenade Bomb with ceramic inserts	EA	\$ 315.00
40.050	1/2"	Grenade Bomb with ceramic inserts	EA	\$ 465.00
40.050-SP0	1/2"	Grenade Bomb with ceramic inserts - 0° jets only	EA	\$ 465.00
40.075	3/4"	Grenade Bomb with ceramic inserts	EA	\$ 670.00
40.075-SP0	3/4"	Grenade Bomb with ceramic inserts - 0° jets only	EA	\$ 670.00
40.100A	1"	Grenade Bomb with ceramic inserts	EA	\$ 1,040.00
40.100A-SP0		Grenade Bomb with ceramic inserts - 0° jets only	EA	\$ 1,040.00
40.100ASP10	1"	Grenade Bomb with ceramic inserts - 10° jets only	EA	\$ 1,040.00
40.100ASP30	1"	Grenade Bomb with ceramic inserts - 30° jets only	EA	\$ 1,040.00
40.100B	1"	Grenade Bomb with ceramic inserts	EA	\$ 1,299.00
40.100B-FJ	1"	Grenade Bomb with ceramic inserts w/ Front Jet	EA	\$ 1,330.00
40.100B-SP0	1"	Grenade Bomb with ceramic inserts - 0° jets only	EA	\$ 1,299.00
40.100BSP10	1"	Grenade Bomb with ceramic inserts - 10° jets only	EA	\$ 1,299.00
40.100BSP30	1"	Grenade Bomb with ceramic inserts - 30° jets only	EA	\$ 1,299.00
40.100C	1-1/4"	Grenade Bomb with ceramic inserts	EA	\$ 1,299.00
40.125A	1-1/4"	Grenade Bomb with ceramic inserts	EA	\$ 1,200.00
40.125A-SP0	1-1/4"	Grenade Bomb with ceramic inserts - 0° jets only	EA	\$ 1,200.00
42.050	1/2"	Grenade Bomb with FanJet inserts	EA	\$ 625.00
42.075	3/4"	Grenade Bomb with FanJet inserts	EA	\$ 720.00
42.100A	1"	Grenade Bomb with FanJet inserts	EA	\$ 1,100.00
42.100ASP10	1"	Grenade Bomb with FanJet inserts - 10° jets only	EA	\$ 1,100.00
42.100ASP30	1"	Grenade Bomb with FanJet inserts - 30° jets only	EA	\$ 1,100.00
42.100B	1"	Grenade Bomb with FanJet inserts	EA	\$ 1,360.00
42.100BSP10	1"	Grenade Bomb with FanJet inserts - 10° jets only	EA	\$ 1,360.00
42.100BSP30	1"	Grenade Bomb with FanJet inserts - 30° jets only	EA	\$ 1,360.00
42.100C	1-1/4"	Grenade Bomb with FanJet inserts	EA	\$ 1,360.00
42.125A	1-1/4"	Grenade Bomb with FanJet inserts	EA	\$ 1,475.00
400.037A/B/C	3/8", 1/2", 3/4"	Bulldog 37 Series w/ Standard Head- CT 3/8" or 1/2"	EA	\$ 2,300.00
400.037S	1/2"	Bulldog 37 Series w/ Standard Head- CT 1/2" w/Thrust	EA	\$ 2,300.00
401.037A/B/C	3/8", 1/2", 3/4"	Bulldog 37 Series w/ RGS Head- CT 3/8" or 1/2"	EA	\$ 2,300.00
401.037S	1/2"	Bulldog 37 Series w/ RGS Head- CT 1/2" w/Thrust	EA	\$ 2,300.00
406.037A/B/C	3/8", 1/2", 3/4"	Bulldog 37 Series w/ Cross Jet Head- CT 3/8", 1/2", 3/4"	EA	\$ 2,300.00
406.037S/C	1/2", 3/4"	Bulldog 37 Series w/ Cross Jet Head- CT 1/2" or 3/4" w/Thrust	EA	\$ 2,300.00
400.060A/B	3/4" & 1"	Rotojet 60 Series- Bulldog CT 3/4"	EA	\$ 2,975.00
400.060BS	1"	Rotojet 60 Series- Bulldog CT 1" w/ Skid	EA	\$ 3,265.00
403.060A/B	3/4" & 1"	Bulldog Manhole Nozzle - 60 mm	EA	\$ 2,975.00
404.080HS100	1"	Bulldog 80 Series w/ 4" Skid CT 1"	EA	\$ 3,400.00
404.080HS150	1"	Bulldog 80 Series w/ 6" Skid CT 1"	EA	\$ 3,400.00
400.101A/B	1" / 1-1/4"	Bulldog 100 Series - CT 1" or 1-1/4"	EA	\$ 4,650.00
401.101A/B	1"	Bulldog 100 Series w/ RGS Head (NO THRUST) - CT 1" or 1-1/4"	EA	\$ 4,450.00
401.101AS/BS	1" / 1-1/4"	Bulldog 100 Series w/ RGS Head w/ Thrust- CT 1" or 1-1/4"	EA	\$ 4,650.00
00100.0372		Skid for Bulldog 400.037B	EA	\$ 185.00
00100.0372C		Skid for Bulldog 400.037B - CT 3/4"	EA	\$ 235.00
00100.0807		4" Replacement Skid for 400.060/404.080	EA	\$ 290.00
00100.0808		6" Replacement Skid for 404.080	EA	\$ 290.00
100.1017A		Skid for Bulldog 100 mm (Standard)	EA	\$ 345.00
100.1019A/B		Skid for Bulldog 100 mm (10" - 32" pipe)	EA	\$ 1,030.00
600.080	1"	Bulldog Antiblast	EA	\$ 3,560.00
600.100A/B	1" & 1-1/4"	Bulldog Antiblast	EA	\$ 4,880.00

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410.060A/B	1/2" & 3/4"	Turbopuls - Vibration Nozzles (4" - 8")	EA	\$ 3,000.00
410.080A/B	1/2" & 3/4"	Turbopuls - Vibration Nozzles (6" - 12")	EA	\$ 4,200.00
410.120A/B	1" & 1-1/4"	Turbopuls - Vibration Nozzles (8" - 40")	EA	\$ 6,000.00
420.070A	1/2"	Cutting Ball Nozzle CB70 - CT 1/2"	EA	\$ 2,300.00
420.070AS	1/2"	Cutting Ball Nozzle CB70 w/ Thrust - CT 1/2"	EA	\$ 2,375.00
420.090A	1/2"	Cutting Ball Nozzle CB90 - CT 1/2"	EA	\$ 2,375.00
420.090AS	1/2"	Cutting Ball Nozzle CB90 w/ Thrust - CT 1/2"	EA	\$ 2,450.00
50.075G	3/4"	Bulldozer Scraper Unit 8 - 36"	EA	\$ 3,100.00
50.100G	1"	Bulldozer Scraper Unit 12 - 50"	EA	\$ 4,900.00
50.125G	1-1/4"	Bulldozer Scraper Unit 16 - 100"	EA	\$ 5,750.00
50.150	1-1/2"	Bulldozer Scraper Unit 20 - 180"	EA	\$ 6,650.00
0050.07510		Hardox Plate for 50.075	EA	\$ 815.00
0050.10010G		Hardox Plate for 50.100G	EA	\$ 815.00
0050.10012G		Stabilizing Plate for 50.100G	EA	\$ 350.00
0050.12510		Hardox Plate for 50.125	EA	\$ 1,050.00
60.012NSL15	1/8"	Chisel Point Nozzle fix drilled	EA	\$ 125.00
60.025NSL15	1/4"	Chisel Point Nozzle fix drilled (5 GPM)	EA	\$ 148.00
60.025NSL30	1/4"	Chisel Point Nozzle fix drilled (8 GPM)	EA	\$ 148.00
60.038NSL40	3/8"	Chisel Point Nozzle fix drilled (10.5 GPM)	EA	\$ 175.00
60.038NSL60	3/8"	Chisel Point Nozzle fix drilled (16 GPM)	EA	\$ 175.00
60.038N-30	3/8"	Chisel Point Nozzle thrust fix drilled - forward ceramic jets (8 GPM)	EA	\$ 235.00
60.038N-60	3/8"	Chisel Point Nozzle thrust fix drilled - forward ceramic jets (10 GPM)	EA	\$ 235.00
60.050	1/2"	Chisel Point Nozzle with ceramic inserts	EA	\$ 310.00
60.050NT	1/2"	Chisel Point Nozzle with ceramic inserts - NO THRUST JETS	EA	\$ 335.00
60.075	3/4"	Chisel Point Nozzle with ceramic inserts	EA	\$ 440.00
60.100	1"	Chisel Point Nozzle with ceramic inserts	EA	\$ 495.00
60.100L	1"	Chisel Point Nozzle with ceramic inserts - Long	EA	\$ 1,340.00
60.100L80	1"	Chisel Point Nozzle 80mm - CT 1"	EA	\$ 1,450.00
60.125	1-1/4"	Chisel Point Nozzle with ceramic inserts	EA	\$ 545.00
60.125L	1-1/4"	Chisel Point Nozzle with ceramic inserts	EA	\$ 1,645.00
61.0504		Center Point Drill for 60.050 & 60.075	EA	\$ 43.00
61.1004		Center Point Drill for 60.100, 60.100L & 60.125	EA	\$ 43.00
61.1254		Center Point Drill for 60.100L80 & 60.125L	EA	\$ 48.00
70.050	1/2"	Flounder 1/2" - 6" - 10" Pipes	EA	\$ 650.00
70.075	3/4"	Flounder 3/4" - 8" - 16" Pipes	EA	\$ 730.00
70.100	1"	Flounder 1" - 12" - 24" Pipes	EA	\$ 1,600.00
70.125	1-1/4"	Flounder 1-1/4" - 16" - 32" Pipes	EA	\$ 1,775.00
80.100	1"	Ejector Nozzle 1" - 10" - 20" Pipes	EA	\$ 4,250.00
80.100A	1"	Ejector Nozzle 1" - 16" - 60" Pipes	EA	\$ 5,995.00
80.125B	1-1/4"	Ejector Nozzle 1-1/4" - 24" - 80" Pipes	EA	\$ 7,825.00
80.125D	1-1/4"	Ejector Nozzle 1-1/4" - 40" - 118" Pipes	EA	\$ 10,200.00
90		Lower Single Roller	EA	\$ 1,303.00
0090.03		Additional 2nd Quick Lock for Lower Single Roller	EA	\$ 788.00
91M		Extra Small Multi Roller Hose Guide	EA	\$ 937.00
91		Small Multi Roller Hose Guide	EA	\$ 937.00
91A		Medium Multi Roller Hose Guide	EA	\$ 980.00
93		Manhole Roller Guide 18" - 32"	EA	\$ 597.00
91.05M		Flex-Guide - Stainless Steel (Mini) for 1/2" & 3/4" host	EA	\$ 1,950.00
91.05		Flex-Guide - Stainless Steel from 6" Ø	EA	\$ 2,360.00

John Bean Jettors	Model No. SJ351840 - 350 gal., diesel Tier 4i, 18 gpm @ 4000psi, Trailer Mount Sewer Jet	\$48,856
John Bean Jettors	Model No. SJ352540 - 350 gal., diesel Tier 4i, 25 gpm @ 4000psi, Trailer Mount Sewer Jet	\$48,995
John Bean Jettors	Model No. SJ701840 - 700 gal., diesel Tier 4i, 18 gpm @ 4000psi, Trailer Mount Sewer Jet	\$51,020
John Bean Jettors	Model No. SJ702540 - 700 gal., diesel Tier 4i, 25 gpm @ 4000psi, Trailer Mount Sewer Jet	\$51,220
John Bean Jettors	Model No. SJ704020 - 700 gal., diesel Tier 4i, 40 gpm @ 2000psi, Trailer Mount Sewer Jet	\$50,812
John Bean Jettors	Model No. SJ704030 - 700 gal., diesel Tier 3, 40 gpm @ 3000psi, Trailer Mount Sewer Jet	\$57,368
John Bean Jettors	Model No. SJS701840 - 700 gal., diesel Tier 4i, 18 gpm @ 4000psi, Truck Mount Sewer Jet	\$52,520
John Bean Jettors	Model No. SJS702540 - 700 gal., diesel Tier 4i, 25 gpm @ 4000psi, Truck Mount Sewer Jet	\$52,720
John Bean Jettors	Model No. SJS704020 - 700 gal., diesel Tier 4i, 40 gpm @ 2000psi, Truck Mount Sewer Jet	\$52,312
John Bean Jettors	Model No. SJS704030 - 700 gal., diesel Tier 3, 40 gpm @ 3000psi, Truck Mount Sewer Jet	\$58,868
John Bean Jettors	Model No. BD351840 - 350 gal., diesel Tier 4i, 18 gpm @ 4000psi, Trailer Mount Sewer Jet	\$42,900
John Bean Jettors	Model No. BD701840 - 700 gal., diesel Tier 4i, 18 gpm @ 4000psi, Trailer Mount Sewer Jet	\$46,500
John Bean Jettors	Model No. BD351840 - 350 gal., diesel Tier 4i, 18 gpm @ 4000psi, Truck Mount Sewer Jet	\$43,900
John Bean Jettors	Model No. BD701840 - 700 gal., diesel Tier 4i, 18 gpm @ 4000psi, Truck Mount Sewer Jet	\$48,100

Mfr's Code	OPTIONS DESCRIPTION	List Price
9999-1	Wireless Remote Control	\$ 2,725.00
12-1338	Digital Footage Meter	\$ 2,690.00
12-7429	Analog Footage Meter, Reel mounted	\$ 1,250.00
12-4948	LED Arrow stick for Traffic Safety	\$ 999.00
5268521	Lateral Line Cleaning Kit	\$ 2,248.00
5253228	Model 785 Wash-down Gun	\$ 414.00
16-2347	Spring loaded wash-down reel 25'	\$ 525.00
12-3796	1/2" x 25' wash-down hose	\$ 106.00
12-8571	LED dual rear mounted spotlights	\$ 495.00
9999-2	Pulsation system	\$ 546.00
PAINT	Special paint	\$ 800.00
9999-3	Nozzle upgrade package	\$ 2,400.00
9999-4	Nozzle upgrade package #2	\$ 4,800.00
16-2574	Aluminum tool box 6'	\$ 786.00
16-2378	Aluminum tool box 4'	\$ 603.00
12-4381	Underbody tool box	\$ 570.00
12-8527	Long handle tool box exp. Metal	\$ 885.00
16-2088	600' x 1/2" hose - 4000 psi	\$ 2,422.00
5282545	600' x 3/4" hose - 2500 psi	\$ 2,445.00
16-2483	600' x 3/4" hose - 3000 psi	\$ 2,730.00
16-1781	1/2" x 10' leader hose	\$ 131.00
16-0670	3/4" x 10' leader hose	\$ 195.00
9999-6	200' Push Camera System	\$ 9,999.00
12-3696	Garden hose refill adaptor	\$ 270.00
9999-7	Lighted engine/pump compartment	\$ 500.00
9999-8	Dual reel option	\$ 4,286.00
9999-9	Automatic level wind	\$ 5,900.00
9999-10	Alternate Pump for 40 @ 2000	\$ 3,100.00
9999-11	Alternate Pump for 40 @ 3000	\$ 3,900.00
9999-12	Upgrade engine for BD 18 @ 4000 - Tier 4 Final	\$ 6,000.00

9999-13	Upgrade engine for SJ 18 @ 4000 and SJ 25 @ 4000 - Tier 4 Final	\$ 6,500.00
9999-14	Upgrade engine for SJ 40 @ 2000 - Tier 4 Final	\$ 6,500.00
9999-15	Upgrade engine for SJ 40 @ 3000 - Tier 4 Final	\$ 19,400.00
9999-16	Upgrade engine for BD & SJ 18@4000 and SJ 40@2000 - Gas engine	\$ 6,000.00
12-6173	Cone holder w/ 10 cones	\$ 375.00
16-0991	12v plug in spotlight	\$ 129.00
16-2404	Magnetic work light	\$ 263.00
12-2971	HD rotating hose reel	\$ 2,498.00
5264029	Pintle hitch adaptor	\$ 61.00
11-9770	Anti-freeze system	\$ 999.00
12-2000	Spare tire/rim assembly	\$ 480.00
11-8738	LED low water warning light	\$ 440.00
9999-17	Mini-jet system w/ hose and nozzle	\$ 1,500.00
FREIGHT	shipping option #1	\$ 1,800.00
FREIGHT	shipping option #2	\$ 2,500.00



Statewide Contract Addendum

This addendum is added to and is to be considered part of the subject contract.

Contract Issuance Date: October 1, 2017

Statewide Contract #: SW193

Contract Title: Sewer Cleaning and Inspection Equipment

Addendum Date: January 24, 2018

Addendum #: 1

This addendum serves as notification of a Contracting Officer change. Linda Lechtenberg has now been assigned to this contract. Any questions can be directed to the Contracting Officer listed below:

Linda Lechtenberg
405-522-0436
Linda.Lechtenberg@omes.ok.gov



Notice of Statewide Contract Award

Official signed contract documents are on file with OMES-Central Purchasing.

Contract Title: Sewer Cleaning and Inspection Equipment

Statewide Contract #: SW 193

Contract Issuance Date: 10/01/2017

Total Number of Suppliers: Several *(For details see: Supplier Information Sheet)*

Contract Period: 10/01/2017 through 09/30/2018

Agreement Period: 10/01/2017 through **09/30/2022**

Authorized Users: This Contract shall be made available to all State Departments, Boards, Commissions, Agencies and Institutions. The Oklahoma Statutes also allow Counties, School Districts and Municipalities to use this contract as well as State entities other than the State of Oklahoma if statutes allow for it.

Contract Priority: Mandatory

Type of Contract: Fixed Price

OMES-CP Contact: Joyce Leivas

Phone: 1 - 405 - 521 - 479

Title: Contracting Officer

Fax: 1 - 405 - 521 - 4475

Email: Joyce.Leivas@omes.ok.gov



CONTRACT

State of Oklahoma

Dispatch via Print

Supplier 0000366099
 ARIES INDUSTRIES INC
 550 ELIZABETH ST
 WAUKESHA WI 53186
 USA

Contract ID		Page	
000000000000000000004990		1 of 1	
Contract Dates	Currency	Rate Type	Rate Date
10/01/2017 to 09/30/2018	USD	CRRNT	PO Date
Description:		Contract Maximum	
SW193-Sewer Equipment		0.00	
TYPE: STATEWIDE			

Tax Exempt? Y Tax Exempt ID:736017987

Contract Lines:

Line #	Cat CD / Item ID / Item Desc	UOM	Minimum Order		Maximum / Open	
			Qty	Amt	Qty	Amt
1	20111610 / Sewer Equipment Agency fill in type of Sewer Equipment and price at time of order. Pricing/Discount information is attached to the Vendor Contact and order information document.	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing		0.01000		EA	0001
2	20111610 / Options/Accessories This line is for options. See options pricing/discount on attachments to the Vendor information and order documents.	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing		0.01000		EA	0001

COMMENTS:

Final = The price is final after adjustments
 Hard = Apply adjustments regardless of other adjustments
 Skip = Skip adjustments if any other adjustments have been applied

Authorized Signature
 Signed documents on file in Central Purchasing

Company Name	Aries Industries, Inc.
Doing Business as (if applicable)	
Contact Person for Solicitation Response	Mike Burczyk
Phone	262-446-5631
Email	Mike.Burczyk@ariesindustries.com
Address For Purchase Orders-Number & Street-Post Office Box (some companies have ordering addresses that are are different than the payment address)	550 Elizabeth Street
City, State, Zip	Waukesha, WI 53186
Contact Person for Contract/Ordering/Price Information/Equipment Additions/Changes/Discontinuations	Mike Burczyk
Phone	262-446-5631
Fax	262-446-5690
Email	Mike.Burczyk@ariesindustries.com
Secondary Contact for Contract/Ordering	Lisa Galke
Phone	262-446-5624
Fax	262-896-7099
Email	Lisa.Galke@ariesindustries.com
Address For Payment-Number & Street-Post Office Box (some companies have a different Payment/remittance address than the ordering address)	550 Elizabeth Street
City, State, Zip	Waukesha, WI 53186
Contact Person/Department for payment	Elizabeth Johnson
Phone	262-446-5604
Fax	262-446-5695
Email	Elizabeth.Johnson@ariesindustries.com
Counties You can provide products/warranty service/repair parts to	<input checked="" type="checkbox"/> All counties in Oklahoma OR just these counties: _____
	(include any special conditions, such as territory or district maps on a separate sheet)
Continued-counties	OR all BUT these counties:
Trade-ins	____ Available <input checked="" type="checkbox"/> Not Available (Include any special conditions on a separate sheet)
Payment Discount (i.e. 15 days)	Net 30 days
Supplier will be responsible for notifying the contracting officer when the contact information changes.	Notes: (Special ordering instructions-please attach any special instructions on a separate sheet)

ATTACHMENT B

Sewer Inspection Equipment

(Examples: Complete Camera systems, tractor, crawler, controllers, cable reels, pulleys, and all accessories and options necessary for inspection of sewers)

*****Vendor can provide a pricing list instead of this form.*****

YOU WILL NOT BE CONSIDERED RESPONSIVE IF YOU JUST FILL IN A BRAND AND "ALL MODELS". You must fill in Brand, Model Makes and Numbers and prices.

BRAND	MODEL	Price
Aries	Seeker 2.0	\$13,860.00
Aries	Sentinel	\$40,405.00
Aries	Mobile Pathfinder	\$49,850.00
Aries	High Cube Pathfinder	\$131,703.00
Aries	Cargo Van Pathfinder	\$106,528.00
Aries	Trailer Pathfinder	\$102,389.00

Attachments/Accessories: 5 % Multiple Unit discount * % Parts ** %

Options: 5 % Extended Warranty offered? Yes No. Attach information for the extended warranty.

Installation Charge: Included Hourly labor rate: _____

Financing of Lease Purchase interest rate N/A %

Special Notes:

*= Multiple Unit discounting is applied per quote.

**= Repair parts are not made available on this contract.



State of Oklahoma Central Purchasing
Solicitation SW193
August 17, 2017

August 8, 2017

State of Oklahoma Central Purchasing
5005 N Lincoln Blvd Ste 300
Oklahoma City OK 73105

RE: SW193 Sewer Cleaning and Inspection Equipment

Dear Sir or Madam:

This letter is to describe the ordering process used for contract sales on State Contract SW193. For all orders, the customer may contact Atlas Inspection (the local Aries dealership) or the Aries regional sales manager. The Aries factory may also be contacted directly for quote requests. A configuration to best suit the customer's operational parameters and any budget constraints will be discussed. A contract proposal will be developed by the Waukesha, WI corporate office with specifications and a price with delivery estimate. Aries will receive any resulting purchase order from the customer and report the sale to the State as detailed in contract SW193. Aries will also send an order acknowledgement to the customer with delivery schedule, and deliver and train (when required) the system to the customer.

For orders that involve a vehicle, it is ultimately the customer's choice of how the vehicle will be supplied for Aries outfitting. Aries does offer an option for a field installable system, in which all new components can be installed to an existing customer vehicle at their facility. The customer can also supply a new vehicle directly to the Aries facility in Waukesha, WI if no separate body is required – a local dealership to the Aries-Waukesha facility will be made available for any factory drop-shipments. The vehicle can alternatively be delivered to a body manufacturer for installation of a body, which Aries will include in the customer proposal. Aries will advise any franchised vehicle dealership in Oklahoma on the customer's behalf of specific data that will optimize the vehicle configuration for the outfitting package to suit the customer's requests.

Sincerely,

Aries Industries, Inc.

Mike Burczyk
Sr. Contract Bid Specialist

www.ariesindustries.com

Corporate Office
550 Elizabeth Street
Waukesha, WI 53186

Western Regional
5748 East Shields Avenue
Suite 101
Fresno, CA 93727

Southern Regional
561 Thornton Road, Suite D
Lithia Springs, GA 30122

Aries Canada LTD.
95 Whitmore Road, Unit 1
Vaughan, Ontario
Canada, L4L 6E2



CONTRACT

State of Oklahoma

Dispatch via Print

Supplier 0000064988
 CENTRAL OKLAHOMA WINNELSON CO
 5037 NW 10TH ST
 OKLAHOMA CITY OK 73127-6765
 USA

Contract ID 000000000000000000004991		Page 1 of 1	
Contract Dates 10/01/2017 to 09/30/2018	Currency USD	Rate Type CRRNT	Rate Date PO Date
Description: SW193 Sewer Equipment		Contract Maximum 0.00	
TYPE: STATEWIDE			

Tax Exempt? Y Tax Exempt ID:736017987

Contract Lines:

Line #	Cat CD / Item ID / Item Desc	UOM	Minimum Order		Maximum / Open	
			Qty	Amt	Qty	Amt
1	20111610 / Sewer Equipment Agency fill in type of Sewer Equipment and price at time of order. Pricing/Discount information is attached to the Vendor Contact and order information document.	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing		0.01000		EA	0002
2	20111610 / Options/Accessories This line is for options. See options pricing/discount on attachments to the Vendor information and order documents.	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing		0.01000		EA	0002

COMMENTS:

Final = The price is final after adjustments
 Hard = Apply adjustments regardless of other adjustments
 Skip = Skip adjustments if any other adjustments have been applied

Authorized Signature
 Signed documents on file in Central Purchasing

Company Name	Central Oklahoma Winnelson Company
Doing Business as (if applicable)	
Contact Person for Solicitation Response	Ryan Brooks
Phone	405-947-8761
Email	rjbrooks@winnelson.com
Address For Purchase Orders-Number & Street-Post Office Box (some companies have ordering addresses that are different than the payment address)	5037 NW 10th Street
City, State, Zip	Oklahoma City, OK. 73127
Contact Person for Contract/Ordering/Price Information/Equipment Additions/Changes/Discontinuations	Ryan Brooks
Phone	405-947-8761
Fax	405-947-1934
Email	rjbrooks@winnelson.com
Secondary Contact for Contract/Ordering	Keith Jones
Phone	405-602-9155
Fax	405-947-1934
Email	krjones@winnelson.com
Address For Payment-Number & Street-Post Office Box (some companies have a different Payment/remittance address than the ordering address)	5037 NW 10th Street
City, State, Zip	Oklahoma City, OK. 73127
Contact Person/Department for payment	Donna Zamaria
Phone	405-947-8761
Fax	405-947-1934
Email	djzamaria@winnelson.com
Counties You can provide products/warranty service/repair parts to	<input checked="" type="checkbox"/> All counties in Oklahoma OR just these counties: _____
	(include any special conditions, such as territory or district maps on a separate sheet)
Continued-counties	OR all BUT these counties:
Trade-ins	____ Available <input checked="" type="checkbox"/> Not Available (Include any special conditions on a separate sheet)
Payment Discount (i.e. 15 days)	Net 10 days
Supplier will be responsible for notifying the contracting officer when the contact information changes.	Notes: (Special ordering instructions-please attach any special instructions on a separate sheet)

Company Name	Orange Power Group, LLC
Doing Business as (if applicable)	Ditch Witch of Oklahoma
Contact Person for Solicitation Response	Grant Goley
Phone	405-348-4633
Email	ggoley@ditchwitchok.com
Address For Purchase Orders-Number & Street-Post Office Box (some companies have ordering addresses that are different than the payment address)	9000 N I-35 Service Rd OKC, OK 73131
City, State, Zip	Oklahoma City, OK 73131
Contact Person for Contract/Ordering/Price Information/Equipment Additions/Changes/Discontinuations	Same As Above
Phone	}
Fax	
Email	
Secondary Contact for Contract/Ordering	Jay Luttrell
Phone	}
Fax	
Email	
Address For Payment-Number & Street-Post Office Box (some companies have a different Payment/remittance address than the ordering address)	Same
City, State, Zip	}
Contact Person/Department for payment	
Phone	
Fax	
Email	
Counties You can provide products/warranty service/repair parts to	<input checked="" type="checkbox"/> All counties in Oklahoma OR just these counties: _____
	(include any special conditions, such as territory or district maps on a separate sheet)
Continued-counties	OR all BUT these counties:
Trade-ins	<input checked="" type="checkbox"/> Available _____ Not Available (Include any special conditions on a separate sheet)
Payment Discount (i.e. 15 days)	Net <u>N/A</u> days
Supplier will be responsible for notifying the contracting officer when the contact information changes.	Notes: (Special ordering instructions-please attach any special instructions on a separate sheet)

ATTACHMENT A

Sewer Cleaning and Equipment for Trailer and Truck Mounting

(Examples: combination sewer cleaners, hydro-excavation trucks, truck jetters, trailer jetters, rodders, easement machines, vacuum trailers mounts, vacuum truck mounts)

*****Vendor can provide a pricing list instead of this form.*****

YOU WILL NOT BE CONSIDERED RESPONSIVE IF YOU JUST FILL IN A BRAND AND "ALL MODELS". You must fill in Brand, Model Makes and Numbers and prices.

BRAND	MODEL (Standard Base Unit)	Price of Base Unit	Can be mounted on customer's already owned chassis?
Ditch Witch			Yes
<i>See Attached</i>			
		***	A.13 Negotiations
		our pricing varies by product and will be discounted 3-10% depending on product.	

Attachments/Accessories: 0 % Multiple Unit discount 0 % Parts 0 %
 Options: 0 % Extended Warranty offered? Yes ___ No. Attach information for the extended warranty.
 Installation Charge: _____ Hourly labor rate: \$125.00
 Financing of Lease Purchase interest rate N/A %
 Special Notes:

ATTACHMENT B

Sewer Inspection Equipment

(Examples: Complete Camera systems, tractor, crawler, controllers, cable reels, pulleys, and all accessories and options necessary for inspection of sewers)

*****Vendor can provide a pricing list instead of this form.*****

YOU WILL NOT BE CONSIDERED RESPONSIVE IF YOU JUST FILL IN A BRAND AND "ALL MODELS". You must fill in Brand, Model Makes and Numbers and prices.

BRAND	MODEL	Price
Yanmar	ALL	See Attached
Subsite	ALL	
Ditch Witch	ALL	See Attached complete price list
		A.13 Negotiations
		Our Pricing varies
		By product and will
		be discount 3-10%
		depending on product

Attachments/Accessories: 0 % Multiple Unit discount 0 % Parts 0 %

Options: 0 % Extended Warranty offered? Yes No. Attach information for the extended warranty.

Installation Charge: _____ Hourly labor rate: \$125.00

Financing of Lease Purchase interest rate NA %

Special Notes:



CONTRACT

State of Oklahoma

Dispatch via Print

Supplier 0000061849
 FRONTIER EQUIPMENT SALES LLC
 4123 N BANNER RD
 EL RENO OK 73036-9157
 USA

Contract ID 000000000000000000004992		Page 1 of 1	
Contract Dates 10/01/2017 to 09/30/2018	Currency USD	Rate Type CRRNT	Rate Date PO Date
Description: SW193 Sewer Equipment		Contract Maximum 0.00	
TYPE: STATEWIDE			

Tax Exempt? Y Tax Exempt ID:736017987

Contract Lines:

Line #	Cat CD / Item ID / Item Desc	UOM	Minimum Order		Maximum / Open	
			Qty	Amt	Qty	Amt
1	20111610 / Sewer Equipment Agency fill in type of Sewer Equipment and price at time of order. Pricing/Discount information is attached to the Vendor Contact and order information document.	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing		0.01000		EA	0001
2	20111610 / Options/Accessories This line is for options. See options pricing/discount on attachments to the Vendor information and order documents.	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing		0.01000		EA	0001

COMMENTS:

Final = The price is final after adjustments
 Hard = Apply adjustments regardless of other adjustments
 Skip = Skip adjustments if any other adjustments have been applied

Authorized Signature
 Signed documents on file in Central Purchasing

Company Name	Frontier Equipment Sales, L.L.C.
Doing Business as (if applicable)	
Contact Person for Solicitation Response	Clark Kerr
Phone	405-354-2611
Email	frontiercdk@gmail.com
Address For Purchase Orders-Number & Street-Post Office Box (some companies have ordering addresses that are different than the payment address)	P.O. Box 850114
City, State, Zip	Yukon, OK 73085
Contact Person for Contract/Ordering/Price Information/Equipment Additions/Changes/Discontinuations	Clark Kerr
Phone	405-354-2611
Fax	405-354-2992
Email	frontiercdk@gmail.com
Secondary Contact for Contract/Ordering	N/A
Phone	N/A
Fax	N/A
Email	N/A
Address For Payment-Number & Street-Post Office Box (some companies have a different Payment/remittance address than the ordering address)	P.O. Box 850114
City, State, Zip	Yukon, OK 73085
Contact Person/Department for payment	Haley Hill
Phone	405-354-2611
Fax	405-354-2992
Email	frontierrecept@gmail.com
Counties You can provide products/warranty service/repair parts to	<input checked="" type="checkbox"/> All counties in Oklahoma OR just these counties: _____
	(include any special conditions, such as territory or district maps on a separate sheet)
Continued-counties	OR all BUT these counties:
Trade-ins	<input checked="" type="checkbox"/> Available <input type="checkbox"/> Not Available (Include any special conditions on a separate sheet)
Payment Discount (i.e. 15 days)	Net N/A days
Supplier will be responsible for notifying the contracting officer when the contact information changes.	Notes: (Special ordering instructions-please attach any special instructions on a separate sheet)

Physical Address For Repair:

DCS/PURCHASING

4123 North Banner Road

SOLICITATION PACKAGE - PAGE 17

E1 Reno, OK 73036

TECHNICAL REQUIREMENTS

8. Our units can be purchased as one piece or the customer can provide their own chassis (new or used.) This is the customer's choice.

Vac-Con
969 Hall Park Dr.
Green Cove Springs, FL 32043
Phone - 888-491-5762

John Bean Jetters
101 Durand Rd.
Lagrange, GA 30241
Phone - 800-241-2308

US Jetting
850 McFarland Rd.
Alpharetta, GA. 30004
Phone - 800 - 538 - 8464

If the chassis is provided by the manufacturer (or Frontier Equipment Sales, L.L.C.) it will be new and there will be no discount offered on the chassis, just the body. If the chassis is provided by the manufacturer, the customer is allowed their choice of reduced chassis options on an in-stock chassis or choice of full selection of chassis options on an ordered chassis (ordered chassis may affect delivery time.) We receive no discount on these chassis. What they cost us is what they cost the customer.

In some cases, there will be a mounting charge for customer supplied chassis. The customer will be responsible to make sure their chassis will meet the manufacturer's requirement. The customer will be responsible for delivery of the chassis to the manufacturer. We will provide delivery from the manufacturer to the customer.

9. 35% restocking fee plus shipping on parts (within 30 days of order.) If Frontier Equipment Sales makes a mistake when ordering the part, there will be no charge for returns.

10. Outside salesman, trade shows, website.



CONTRACT

State of Oklahoma

Dispatch via Print

Supplier 0000242476
 J & R EQUIPMENT LLC
 PARTS DEPT
 25 N COUNCIL RD STE C
 OKLAHOMA CITY OK 73127-4923
 USA

Contract ID 0000000000000000000000004993		Page 1 of 1	
Contract Dates 10/01/2017 to 09/30/2018	Currency USD	Rate Type CRRNT	Rate Date PO Date
Description: SW193 Sewer Equipment		Contract Maximum 0.00	
TYPE: STATEWIDE			

Tax Exempt? Y Tax Exempt ID:736017987

Contract Lines:

Line #	Cat CD / Item ID / Item Desc	UOM	Minimum Order		Maximum / Open	
			Qty	Amt	Qty	Amt
1	20111610 / Sewer Equipment Agency fill in type of Sewer Equipment and price at time of order. Pricing/Discount information is attached to the Vendor Contact and order information document.	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing		0.01000		EA	0001
2	20111610 / Options/Accessories This line is for options. See options pricing/discount on attachments to the Vendor information and order documents.	EA	1.00	0.00	0.00	0.00
	Contract Base Pricing		0.01000		EA	0001

COMMENTS:

Final = The price is final after adjustments
 Hard = Apply adjustments regardless of other adjustments
 Skip = Skip adjustments if any other adjustments have been applied

Authorized Signature
 Signed documents on file in Central Purchasing

Company Name	J&R EQUIPMENT LLC.
Doing Business as (if applicable)	J&R ENVIRONMENTAL TRUCK SALES
Contact Person for Solicitation Response	RODNEY WOMACK
Phone	405 495-5710
Email	RWOMACK@JREQUIP.NET
Address For Purchase Orders-Number & Street-Post Office Box (some companies have ordering addresses that are different than the payment address)	8800 SW 8th OKC
City, State, Zip	OKC, OK 73128
Contact Person for Contract/Ordering/Price Information/Equipment Additions/Changes/Discontinuations	RODNEY WOMACK
Phone	405 495-5710
Fax	405 495-5712
Email	RWOMACK@JREQUIP.NET
Secondary Contact for Contract/Ordering	RANDY HOLTZ
Phone	918 640-7474
Fax	N/A
Email	RHOLTZ@JREQUIP.NET
Address For Payment-Number & Street-Post Office Box (some companies have a different Payment/remittance address than the ordering address)	SAME
City, State, Zip	SAME
Contact Person/Department for payment	JULIE MURCER
Phone	405 495-5710
Fax	405 495-5712
Email	JMURCER@JREQUIP.NET
Counties You can provide products/warranty service/repair parts to	<input checked="" type="checkbox"/> All counties in Oklahoma OR just these counties: _____
	(include any special conditions, such as territory or district maps on a separate sheet)
Continued-counties	OR all BUT these counties:
Trade-ins	<input checked="" type="checkbox"/> Available _____ Not Available (Include any special conditions on a separate sheet)
Payment Discount (i.e. 15 days)	Net 10 days
Supplier will be responsible for notifying the contracting officer when the contact information changes.	Notes: (Special ordering instructions-please attach any special instructions on a separate sheet)

ATTACHMENT A

Sewer Cleaning and Equipment for Trailer and Truck Mounting

(Examples: combination sewer cleaners, hydro-excavation trucks, truck jettors, trailer jettors, rodders, easement machines, vacuum trailers mounts, vacuum truck mounts)

*****Vendor can provide a pricing list instead of this form.*****

YOU WILL NOT BE CONSIDERED RESPONSIVE IF YOU JUST FILL IN A BRAND AND "ALL MODELS". You must fill in Brand, Model Makes and Numbers and prices.

BRAND	MODEL (Standard Base Unit)	Price of Base Unit	Can be mounted on customer's already owned chassis?
	SEE ATTACHED PRICING LIST		
FOR			
VACTOR	COMPLETE LINE		
SEWER EQUIPMENT CO	OF AMERICA		COMPLETE LINE
STONE AGE / WARTHOG			
USB SEC			

Attachments/Accessories: 3 % Multiple Unit discount 1 % Parts 3 %
 Options: 3 % Extended Warranty offered? Yes No. Attach information for the extended warranty.
 Installation Charge: YES Hourly labor rate: 115.

Financing of Lease Purchase interest rate _____ % CURRENT RATE

Special Notes:
MULTIPLE ORDER UNIT DISCOUNT IS 4 OR MORE
CAN BE MOUNTED ON APPROVED CHASSIS CUSTOMER ALREADY OWNS

ATTACHMENT B

Sewer Inspection Equipment

(Examples: Complete Camera systems, tractor, crawler, controllers, cable reels, pulleys, and all accessories and options necessary for inspection of sewers)

*****Vendor can provide a pricing list instead of this form.*****

YOU WILL NOT BE CONSIDERED RESPONSIVE IF YOU JUST FILL IN A BRAND AND "ALL MODELS". You must fill in Brand, Model Makes and Numbers and prices.

BRAND	MODEL	Price
CUES	VAN CUSTOM	200,000
CUES	TRUCK CUSTOM	200,000
CUES	TRAILER CUSTOM	100,000
CUES	PORTABLE	80,000
CUES	M PLUS	35,000
CUES	Q22	27,000
CUES	GRUNT TRUCK	400,000
CUES	KANGAROO CUTTER	375,000
CUES	LAMP TRUCK	300,000

Attachments/Accessories: 2 % Multiple Unit discount 1 % Parts 2 %
 Options: 2 % Extended Warranty offered? Yes ___ No. Attach information for the extended warranty.
 Installation Charge: YES Hourly labor rate: 115.^{hr}
 Financing of Lease Purchase interest rate ___ % CURRENT RATE

Special Notes:
ALL UNITS ARE CUSTOM BUILT & LIST PRICE IS
PROVIDED ON QUOTES TO CUSTOMER ONCE CONFIGURATION IS
AGREED UPON.

Company Name	VERMEER GREAT PLAINS, INC
Doing Business as (if applicable)	
Contact Person for Solicitation Response	JAMES KIRK
Phone	405-478-2900
Email	JAMESK@VERMEERGP.COM
Address For Purchase Orders-Number & Street-Post Office Box (some companies have ordering addresses that are are different than the payment address)	6300 N I-35 SERVICE RD
City, State, Zip	OKLAHOMA CITY, OK 73131
Contact Person for Contract/Ordering/Price Information/Equipment Additions/Changes/Discontinuations	JAMES KIRK
Phone	405-478-2900
Fax	405-507-1115
Email	JAMESK@VERMEERGP.COM
Secondary Contact for Contract/Ordering	MARK SONNENBERG
Phone	417-886-3500
Fax	
Email	MARKS@VERMEERGP.COM
Address For Payment-Number & Street-Post Office Box (some companies have a different Payment/remittance address than the ordering address)	SAME AS ABOVE
City, State, Zip	
Contact Person/Department for payment	DIANA POSEY/ LAURA ORNELAS
Phone	405-478-2900
Fax	405-507-1115
Email	apokcok@vermeergp.com
Counties You can provide products/warranty service/repair parts to	<input checked="" type="checkbox"/> All counties in Oklahoma OR just these counties: _____
	(include any special conditions, such as territory or district maps on a separate sheet)
Continued-counties	OR all BUT these counties:
Trade-ins	<input checked="" type="checkbox"/> Available _____ Not Available (Include any special conditions on a separate sheet)
Payment Discount (i.e. 15 days)	Net <input checked="" type="checkbox"/> days
Supplier will be responsible for notifying the contracting officer when the contact information changes.	Notes: (Special ordering instructions-please attach any special instructions on a separate sheet)

ATTACHMENT A

Sewer Cleaning and Equipment for Trailer and Truck Mounting

(Examples: combination sewer cleaners, hydro-excavation trucks, truck jettors, trailer jettors, rodders, easement machines, vacuum trailers mounts, vacuum truck mounts)

*****Vendor can provide a pricing list instead of this form.*****

YOU WILL NOT BE CONSIDERED RESPONSIVE IF YOU JUST FILL IN A BRAND AND "ALL MODELS". You must fill in Brand, Model Makes and Numbers and prices.

BRAND	MODEL (Standard Base Unit)	Price of Base Unit	Can be mounted on customer's already owned chassis?
MCLAUGHLIN	V25-500G	REQUEST CURRENT PRICE	YES
MCLAUGHLIN	V25-800G		
MCLAUGHLIN	V25-1200G		
MCLAUGHLIN	VSK25-100G		
MCLAUGHLIN	VSK25-500G		
MCLAUGHLIN	VSK25-800G		
MCLAUGHLIN	VSK25-1200G		
MCLAUGHLIN	VX30-500G		
MCLAUGHLIN	VX30-800G		
MCLAUGHLIN	VX30-1200G		
MCLAUGHLIN	VSK30-500G		
MCLAUGHLIN	VSK30-800G		
MCLAUGHLIN	VSK30-1200G		
MCLAUGHLIN	VX30-300		
MCLAUGHLIN	VX30-500		
MCLAUGHLIN	VX30-500LT		

Attachments/Accessories: 7 % Multiple Unit discount 0 % Parts 0 %

Options: 7 % Extended Warranty offered? Yes No. Attach information for the extended warranty.

Installation Charge: REQUEST ESTIMATE PER UNIT Hourly labor rate: \$100.00

Financing of Lease Purchase interest rate VARIES %

Special Notes:

ALL VACS ARE 7% DISCOUNT FROM LIST PRICING. PLEASE CONTACT US FOR CURRENT LIST PRICING AND STATEWIDE CONTRACT PRICING QUOTE AS WE RECIEVE PRICING UPDATES EVERY MONTH.

ATTACHMENT B

Sewer Inspection Equipment

(Examples: Complete Camera systems, tractor, crawler, controllers, cable reels, pulleys, and all accessories and options necessary for inspection of sewers)

*****Vendor can provide a pricing list instead of this form.*****

YOU WILL NOT BE CONSIDERED RESPONSIVE IF YOU JUST FILL IN A BRAND AND "ALL MODELS". You must fill in Brand, Model Makes and Numbers and prices.

BRAND	MODEL	Price
MCLAUGHLIN	VX30-800LT	REQUEST CURRENT PRICE
MCLAUGHLIN	VSK30-100	
MCLAUGHLIN	VSK30-300	
MCLAUGHLIN	VSK30-500	
MCLAUGHLIN	VSK30-800	
MCLAUGHLIN	VX50-500	
MCLAUGHLIN	VX50-500 Boom	
MCLAUGHLIN	VX50-500LT	
MCLAUGHLIN	VX50-800	
MCLAUGHLIN	VX50-800 Boom	
MCLAUGHLIN	VX50-800LT	
VACTRON	EV 150 G	
VACTRON	CS 500 GT	
VACTRON	CS 800 GT	
VACTRON	CS 1200 GT	

Attachments/Accessories: 7 % Multiple Unit discount 0 % Parts 0 %

Options: 7 % Extended Warranty offered? Yes No. Attach information for the extended warranty.

Installation Charge: REQUEST ESTIMATE PER UNIT Hourly labor rate: \$100.00

Financing of Lease Purchase interest rate VARIABLES %

Special Notes:

ALL VACS ARE 7% DISCOUNT FROM LIST PRICING. PLEASE CONTACT US FOR CURRENT LIST PRICING AND STATEWIDE CONTRACT PRICING QUOTE AS WE RECIEVE PRICING UPDATES EVERY MONTH.

ATTACHMENT C

Sewer Inspection Equipment

(Examples: Complete Camera systems, tractor, crawler, controllers, cable reels, pulleys, and all accessories and options necessary for inspection of sewers)

*****Vendor can provide a pricing list instead of this form.*****

YOU WILL NOT BE CONSIDERED RESPONSIVE IF YOU JUST FILL IN A BRAND AND "ALL MODELS". You must fill in Brand, Model Makes and Numbers and prices.

BRAND	MODEL	Price
VACTRON	CV 570 GT	REQUEST CURRENT PRICE
VACTRON	CV 870 GT	
VACTRON	CV 1270 GT	
VACTRON	CV 570 SGT	
VACTRON	CV 870 SGT	
VACTRON	CV 1270 SGT	
VACTRON	LP MINI 373 GT	
VACTRON	LP 573 SGT	
VACTRON	LP 873 SGT	
VACTRON	LP 873 SGT- HEAVY	
VACTRON	LP 1273 SGT	
VACTRON	LP 573 XDT	
VACTRON	LP 873 XDT	
VACTRON	LP 873 XDT-HEAVY	
VACTRON	LP 1273 XDT	

Attachments/Accessories: 7 % Multiple Unit discount 0 % Parts 0 %

Options: _____ % Extended Warranty offered? X Yes ___ No. Attach information for the extended warranty.

Installation Charge: REQUEST ESTIMATE PER UNIT Hourly labor rate: \$100.00

Financing of Lease Purchase Interest rate VARIES%

Special Notes:

ALL VACS ARE 7% DISCOUNT FROM LIST PRICING. PLEASE CONTACT US FOR CURRENT LIST PRICING AND STATEWIDE CONTRACT PRICING QUOTE AS WE RECIEVE PRICING UPDATES EVERY MONTH

ATTACHMENT D
Sewer Inspection Equipment

(Examples: Complete Camera systems, tractor, crawler, controllers, cable reels, pulleys, and all accessories and options necessary for inspection of sewers)

*****Vendor can provide a pricing list instead of this form.*****

YOU WILL NOT BE CONSIDERED RESPONSIVE IF YOU JUST FILL IN A BRAND AND "ALL MODELS". You must fill in Brand, Model Makes and Numbers and prices.

BRAND	MODEL	Price
VACTRON	LP 573 SDT	REQUEST CURRENT PRICE
VACTRON	LP 573 SDT	
VACTRON	LP 873 SDT-HEAVY	
VACTRON	LP 1273 SDT	
VACTRON	MC 573 SDT	
VACTRON	MC 873 SDT	
VACTRON	MC 1273 SDT	
VACTRON	AIR 573 SDT	
VACTRON	AIR 873 SDT	
VACTRON	AIR 1273 SDT	
VACTRON	HTV 373 PTO	
VACTRON	HTV 573 PTO	
VACTRON	HTV 873 PTO	

Attachments/Accessories: 7 % Multiple Unit discount 0 % Parts 0 %

Options: 7 % Extended Warranty offered? Yes No. Attach information for the extended warranty.

Installation Charge: REQUEST ESTIMATE PER UNIT Hourly labor rate: \$100.00

Financing of Lease Purchase interest rate VARIES %

Special Notes:

ALL VACS ARE 7% DISCOUNT FROM LIST PRICING. PLEASE CONTACT US FOR CURRENT LIST PRICING
AND STATEWIDE CONTRACT PRICING QUOTE AS WE RECIEVE PRICING UPDATES EVERY MONTH



15505 S. 169 Highway Olathe KS 66062
19812 W. Kellogg Dr Goddard KS 67052
6260 W. Highway 60 Brookline MO 65619
8300 N I-35 Service Rd., Oklahoma City OK 73131
20505 E. Admiral Catoosa OK 74015

TRAINING AGREEMENT

Purchase price of equipment includes 4 hours of equipment operation and safety procedure training at your location by Vermeer Great Plains.



James Kirk- General Manager

SW193-SEWER EQUIPMENT-VENDORS CONTACT INFORMATION

Company	Website	Contact	Phone	Email
Aries Industries, Inc	http://www.ariesindustries.com	Mike Burczyk	262-446-5631	mike.burczyk@ariesindustries.com
Central Oklahoma Winnelson	http://www.centralwinnelson.com	Keith Jones	405-947-8761	krjones@winnelson.com
Frontier Equipment	http://frontierequipmentsales.com	Clark Kerr	405-354-2611	frontiercdk@gmail.com
ICM of Oklahoma City	http://improvedconstructionmethods.com	Pat White	405-235-2609	pwhite@icm-inc.us
J & R Equipment	http://jandrequipment.com	Rodney Womack	405-495-5110	rwomack@jrequip.net
Key Equipment	http://keyequipment.com	Richey Kirkpatrick	918-809-8011	rkirkpatrick@keyequipment.com
Vermeer Great Plains, Inc	http://vermeergreatplains.com	James Kirk	405-478-2900	jamesk@vermeergreatplains.com



**State of Oklahoma
Central Purchasing
Division**

Participation Form

Thank you for your interest in using this State of Oklahoma statewide contract. This document is provided for those Government Entities other than Oklahoma State Agencies (which includes Oklahoma schools, counties and cities) to fill out and email to the Contracting Officer in charge of managing this contract. If you are in another state and are using this contract, please fill this out and return also. This document is for informational purposes only and will be used to aid in the tracking of the usage of this contract since government entities other than state agencies don't typically report their usage to Central Purchasing. Please fill this out and either attach this to an email and send it to Joyce.Leivas@omes.ok.gov or fax to Joyce Leivas 405-521-4475.

**Sewer Cleaning and Inspection Equipment
Contract Number: SW193**

1. **Name of Government Entity (State, County, City, School, etc)**

2. **Primary Contact:**

The primary participating entity contact for this participation form is as follows:

Name: _____

Address: _____

Telephone: _____

Fax: _____

E-mail: _____

3. **Date Equipment Purchased from the contract:** _____

Type & Brand: _____

Model: _____

Vendor purchased from: _____

Purchase Price: _____

Terms and conditions inconsistent with, contrary or in addition to the terms and conditions of this contract shall not be added to or incorporated into contract by any subsequent purchase order.



1. Solicitation #: SW193 Sewer Cleaning
and Inspection Equipment

2. Solicitation Issue Date: 07/19/2017

3. Brief Description of Requirement: Sewer Cleaning and Inspection Equipment used to clean out sewers and to inspect them remotely.

All questions are to be submitted by July 27, 2017 at 5:00 pm by means of an email sent to the contracting officer listed below. No questions will be answered if submitted after this date.

Vendors please note Section F Checklist. All responses must be complete.

Carefully read the solicitation.

Please submit your response on electronic media (a cd, a flash drive, a dvd) contained in an envelope, sealed.

4. Response Due Date¹: 08/17/2017

Time: 3:00 pm CST/CDT

5. Issued By and **RETURN SEALED BID TO**²:

U.S. Postal Delivery Address: Central Purchasing
5005 N Lincoln Blvd, Ste 300
Oklahoma City OK 73105

Common Carrier Delivery Address: Central Purchasing
5005 N Lincoln Blvd, Ste 300

6. Solicitation Type (type "X" at one below):

- Invitation to Bid
- Request for Proposal
- Request for Quote

7. Contracting Officer:

Name: Joyce Leivas
Phone: 405-521-2479
Email: Joyce.Leivas@omes.ok.gov

¹ Amendments to solicitation may change the Response Due Date (read GENERAL PROVISIONS, section 3, "Solicitation Amendments")

² If "U.S. Postal Delivery" differs from "Carrier Delivery", use "Carrier Delivery" for courier or personal deliveries



"Certification for Competitive Bid and Contract" **MUST** be submitted along with the response to the Solicitation.

1. RE: Solicitation # SW193

2. Bidder General Information:

FEI / SSN : _____ Supplier ID: _____

Company Name: _____

3. Bidder Contact Information:

Address: _____

City: _____ State: _____ Zip Code: _____

Contact Name: _____

Contact Title: _____

Phone #: _____ Fax #: _____

Email: _____ Website: _____

4. Oklahoma Sales Tax Permit¹:

YES – Permit #: _____

NO – Exempt pursuant to Oklahoma Laws or Rules – Attach an explanation of exemption

5. Registration with the Oklahoma Secretary of State:

YES - Filing Number: _____

NO - Prior to the contract award, the successful bidder will be required to register with the Secretary of State or must attach a signed statement that provides specific details supporting the exemption the supplier is claiming (www.sos.ok.gov or 405-521-3911).

6. Workers' Compensation Insurance Coverage:

Bidder is required to provide with the bid a certificate of insurance showing proof of compliance with the Oklahoma Workers' Compensation Act.

YES – Include a certificate of insurance with the bid

NO - Attach a signed statement that provides specific details supporting the exemption you are claiming from the Workers' Compensation Act (Note: Pursuant to Attorney General Opinion #07-8, the exemption from 85 O.S. 2011, § 311 applies only to employers who are natural persons, such as sole proprietors, and does not apply to employers who are entities created by law, including but not limited to corporations, partnerships and limited liability companies.)²

Authorized Signature

Date

Printed Name

Title

¹ For frequently asked questions concerning Oklahoma Sales Tax Permit, see <http://www.tax.ok.gov/faq/faqbussales.html>

² For frequently asked questions concerning workers' compensation insurance, see <http://www.ok.gov/oid/faqs.html#c221>



NOTE: A certification shall be included with any competitive bid and/or contract exceeding \$5,000.00 submitted to the State for goods or services.

Agency Name: _____ Agency Number: _____

Solicitation or Purchase Order #: SW 193

Supplier Legal Name: _____

SECTION I [74 O.S. § 85.22]:

A. For purposes of competitive bid,

1. I am the duly authorized agent of the above named bidder submitting the competitive bid herewith, for the purpose of certifying the facts pertaining to the existence of collusion among bidders and between bidders and state officials or employees, as well as facts pertaining to the giving or offering of things of value to government personnel in return for special consideration in the letting of any contract pursuant to said bid;
2. I am fully aware of the facts and circumstances surrounding the making of the bid to which this statement is attached and have been personally and directly involved in the proceedings leading to the submission of such bid; and
3. Neither the bidder nor anyone subject to the bidder's direction or control has been a party:
 - a. to any collusion among bidders in restraint of freedom of competition by agreement to bid at a fixed price or to refrain from bidding,
 - b. to any collusion with any state official or employee as to quantity, quality or price in the prospective contract, or as to any other terms of such prospective contract, nor
 - c. in any discussions between bidders and any state official concerning exchange of money or other thing of value for special consideration in the letting of a contract, nor
 - d. to any collusion with any state agency or political subdivision official or employee as to create a sole-source acquisition in contradiction to Section 85.45j.1. of this title.

B. I certify, if awarded the contract, whether competitively bid or not, neither the contractor nor anyone subject to the contractor's direction or control has paid, given or donated or agreed to pay, give or donate to any officer or employee of the State of Oklahoma any money or other thing of value, either directly or indirectly, in procuring this contract herein.

SECTION II [74 O.S. § 85.42]:

For the purpose of a contract for services, the supplier also certifies that no person who has been involved in any manner in the development of this contract while employed by the State of Oklahoma shall be employed by the supplier to fulfill any of the services provided for under said contract.

The undersigned, duly authorized agent for the above named supplier, by signing below acknowledges this certification statement is executed for the purposes of:

the competitive bid attached herewith and contract, if awarded to said supplier;

OR

the contract attached herewith, which was not competitively bid and awarded by the agency pursuant to applicable Oklahoma statutes.

Supplier Authorized Signature

Certified This Date

Printed Name

Title

Phone Number

Email

Fax Number

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A. GENERAL PROVISIONS

A.1. Definitions

As used herein, the following terms shall have the following meaning unless the context clearly indicates otherwise:

- A.1.1. "Acquisition" means items, products, materials, supplies, services, and equipment a state agency acquires by purchase, lease purchase, lease with option to purchase, or rental pursuant to the Oklahoma Central Purchasing Act;
- A.1.2. "Addendum" means a written restatement of or modification to a Contract Document executed by the Supplier and State.
- A.1.3. "Bid" means an offer in the form of a bid, proposal, or quote a bidder submits in response to a solicitation;
- A.1.4. "Bidder" means an individual or business entity that submits a bid in response to a solicitation;
- A.1.5. "Solicitation" means a request or invitation by the State Purchasing Director or a state agency for a supplier to submit a priced offer to sell acquisitions to the state. A solicitation may be an invitation to bid, request for proposal, or a request for quotation; and
- A.1.6. "Supplier" or "vendor" means an individual or business entity that sells or desires to sell acquisitions to state agencies.

A.2. Bid Submission

- A.2.1. Submitted bids shall be in strict conformity with the instructions to bidders and shall be submitted with a completed Responding Bidder Information, OMES-FORM-CP-076, and any other forms required by the solicitation.
- A.2.2. Bids shall be submitted to the Central Purchasing Division in a single envelope, package, or container and shall be sealed, unless otherwise detailed in the solicitation. The name and address of the bidder shall be inserted in the upper left corner of the single envelope, package, or container. SOLICITATION NUMBER AND SOLICITATION RESPONSE DUE DATE AND TIME MUST APPEAR ON THE FACE OF THE SINGLE ENVELOPE, PACKAGE, OR CONTAINER.
- A.2.3. The required certification statement, "Certification for Competitive Bid and/or Contract (Non-Collusion Certification)", OMES-FORM-CP-004, must be made out in the name of the bidder and must be properly executed by an authorized person, with full knowledge and acceptance of all its provisions.
- A.2.4. All bids shall be legible and completed in ink or with electronic printer or other similar office equipment. Any corrections to bids shall be identified and initialed in ink by the bidder. Penciled bids and penciled corrections shall NOT be accepted and will be rejected as non-responsive. In addition to a hard copy submittal, the bidder will also be required to submit an electronic copy. Electronic responses must be submitted in the identical format contained in the solicitation (for example Microsoft Word, Microsoft Excel, but not Adobe PDF). In the event the hard copy of the price worksheets and electronic copy of the price worksheets do not agree, the electronic copy will prevail.
- A.2.5. All bids submitted shall be subject to the Oklahoma Central Purchasing Act, Central Purchasing Rules, and other statutory regulations as applicable, these General Provisions, any Special Provisions, solicitation specifications, required certification statement, and all other terms and conditions listed or attached herein—all of which are made part of this solicitation.

A.3. Solicitation Amendments

- A.3.1. If an "Amendment of Solicitation", OMES-FORM-CP-011, is issued, the bidder shall acknowledge receipt of any/all amendment(s) to solicitations by signing and returning the solicitation amendment(s). Amendment acknowledgement(s) may be submitted with the bid or may be forwarded separately. If forwarded separately, amendment acknowledgement(s) must contain the solicitation number and response due date and time on the front of the envelope. The Central

Purchasing Division must receive the amendment acknowledgement(s) by the response due date and time specified for receipt of bids for the bid to be deemed responsive. Failure to acknowledge solicitation amendments may be grounds for rejection.

- A.3.2. No oral statement of any person shall modify or otherwise affect the terms, conditions, or specifications stated in the solicitation. All amendments to the solicitation shall be made in writing by the Central Purchasing Division.
- A.3.3. It is the bidder's responsibility to check the OMES/Central Purchasing Division website frequently for any possible amendments that may be issued. The Central Purchasing Division is not responsible for a bidder's failure to download any amendment documents required to complete a solicitation.

A.4. Bid Change

If the bidder needs to change a bid prior to the solicitation response due date, a new bid shall be submitted to the Central Purchasing Division with the following statement "This bid supersedes the bid previously submitted" in a single envelope, package, or container and shall be sealed, unless otherwise detailed in the solicitation. The name and address of the bidder shall be inserted in the upper left corner of the single envelope, package, or container. SOLICITATION NUMBER AND SOLICITATION RESPONSE DUE DATE AND TIME MUST APPEAR ON THE FACE OF THE SINGLE ENVELOPE, PACKAGE, OR CONTAINER.

A.5. Certification Regarding Debarment, Suspension, and Other Responsibility Matters

By submitting a response to this solicitation:

- A.5.1. The prospective primary participant and any subcontractor certifies to the best of their knowledge and belief, that they and their principals or participants:
 - A.5.1.1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded by any Federal, State or local department or agency;
 - A.5.1.2. Have not within a three-year period preceding this proposal been convicted of or pled guilty or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) contract; or for violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
 - A.5.1.3. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph A.5.1.2. of this certification; and
 - A.5.1.4. Have not within a three-year period preceding this application/proposal had one or more public (Federal, State, or local) contracts terminated for cause or default.
- A.5.2. Where the prospective primary participant is unable to certify to any of the statements in this certification, such prospective participant shall attach an explanation to its solicitation response.

A.6. Bid Opening

Sealed bids shall be opened by the Central Purchasing Division at 5005 N. Lincoln Blvd. Suite 300, Oklahoma City, Oklahoma, 73105 at the time and date specified in the solicitation as Response Due Date and Time.

A.7. Open Bid / Open Record

Pursuant to the Oklahoma Public Open Records Act, a public bid opening does not make the bid(s) immediately accessible to the public. The procurement or contracting agency shall keep the bid(s) confidential, and provide prompt and reasonable access to the records only after a contract is awarded or the solicitation is cancelled. This practice protects the integrity of the competitive bid process and prevents excessive disruption to the procurement process. The interest of achieving the best value for the State of Oklahoma outweighs the interest of vendors immediately knowing the contents of competitor's bids. [51 O.S. § 24A.5(5)]

Additionally, financial or proprietary information submitted by a bidder may be designated by the Purchasing Director as confidential and the procurement entity may reject all requests to disclose information designated as confidential pursuant to 62 O.S. (2012) § 34.11.1(H)(2) and 74 O.S. (2011) § 85.10. Bidders claiming any portion of their bid as proprietary or confidential must specifically identify what documents or portions of documents they

consider confidential and identify applicable law supporting their claim of confidentiality. The State Purchasing Director shall make the final decision as to whether the documentation or information is confidential pursuant to 74 O.S. § 85.10. Otherwise, documents and information a bidder submits as part of or in connection with a bid are public records and subject to disclosure after contract award or the solicitation is cancelled.

A.8. Late Bids

Bids received by the Central Purchasing Division after the response due date and time shall be deemed non-responsive and shall NOT be considered for any resultant award.

A.9. Legal Contract

- A.9.1. Submitted bids are rendered as a legal offer and any bid, when accepted by the Central Purchasing Division, shall constitute a contract.
- A.9.2. The Contract resulting from this solicitation may consist of the following documents in the following order of precedence:
 - A.9.2.1. Any Addendum to the Contract;
 - A.9.2.2. Purchase order, as amended by Change Order (if applicable);
 - A.9.2.3. Solicitation, as amended (if applicable); and
 - A.9.2.4. Successful bid (including required certifications), to the extent the bid does not conflict with the requirements of the solicitation or applicable law.
- A.9.3. Any contract(s) awarded pursuant to the solicitation shall be legibly written or typed.

A.10. Pricing

- A.10.1. Bids shall remain firm for a minimum of sixty (60) days from the solicitation closing date.
- A.10.2. Bidders guarantee unit prices to be correct.
- A.10.3. In accordance with 74 O.S. §85.40, ALL travel expenses to be incurred by the supplier in performance of the Contract shall be included in the total bid price/contract amount.

A.11. Manufacturers' Name and Approved Equivalents

Unless otherwise specified in the solicitation, manufacturers' names, brand names, information and/or catalog numbers listed in a specification are for information and not intended to limit competition. Bidder may offer any brand for which they are an authorized representative, and which meets or exceeds the specification for any item(s). However, if bids are based on equivalent products, indicate on the bid form the manufacturer's name and number. Bidder shall submit sketches, descriptive literature, and/or complete specifications with their bid. Reference to literature submitted with a previous bid will not satisfy this provision. The bidder shall also explain in detail the reason(s) why the proposed equivalent will meet the specifications and not be considered an exception thereto. Bids that do not comply with these requirements are subject to rejection.

A.12. Clarification of Solicitation

- A.12.1. Clarification pertaining to the contents of this solicitation shall be directed in writing to the Central Purchasing Contracting Officer specified in the solicitation, and must be prior to the closing date of the solicitation.
- A.12.2. If a bidder fails to notify the State of an error, ambiguity, conflict, discrepancy, omission or other error in the SOLICITATION, known to the bidder, or that reasonably should have been known by the bidder, the bidder shall submit a bid at its own risk; and if awarded the contract, the bidder shall not be entitled to additional compensation, relief, or time, by reason of the error or its later correction. If a bidder takes exception to any requirement or specification contained in the SOLICITATION, these exceptions must be clearly and prominently stated in their response.
- A.12.3. Bidders who believe proposal requirements or specifications are unnecessarily restrictive or limit competition may submit a written request for administrative review

to the contracting officer listed on the solicitation. This request must be made prior to the closing date of the solicitation.

A.13 Negotiations

- A.13.1. In accordance with Title 74 §85.5, the State of Oklahoma reserves the right to negotiate with one, selected, all or none of the vendors responding to this solicitation to obtain the best value for the State. Negotiations could entail discussions on products, services, pricing, contract terminology or any other issue that may mitigate the State's risks. The State shall consider all issues negotiable and not artificially constrained by internal corporate policies. Negotiation may be with one or more vendors, for any and all items in the vendor's offer.
- A.13.2. Firms that contend that they lack flexibility because of their corporate policy on a particular negotiation item shall face a significant disadvantage and may not be considered. If such negotiations are conducted, the following conditions shall apply:
- A.13.3. Negotiations may be conducted in person, in writing, or by telephone.
- A.13.4. Negotiations shall only be conducted with potentially acceptable offers. The State reserves the right to limit negotiations to those offers that received the highest rankings during the initial evaluation phase.
- A.13.5. Terms, conditions, prices, methodology, or other features of the bidders offer may be subject to negotiations and subsequent revision. As part of the negotiations, the bidder may be required to submit supporting financial, pricing, and other data in order to allow a detailed evaluation of the feasibility, reasonableness, and acceptability of the offer.
- A.13.6. The requirements of the Request for Proposal shall not be negotiable and shall remain unchanged unless the State determines that a change in such requirements is in the best interest of the State Of Oklahoma.

A.14. Rejection of Bid

The State reserves the right to reject any bids that do not comply with the requirements and specifications of the solicitation. A bid may be rejected when the bidder imposes terms or conditions that would modify requirements of the solicitation or limit the bidder's liability to the State. Other possible reasons for rejection of bids are listed in OAC 260:115-7-32.

A.15. Award of Contract

- A.15.1. The State Purchasing Director may award the Contract to more than one bidder by awarding the Contract(s) by item or groups of items, or may award the Contract on an ALL OR NONE basis, whichever is deemed by the State Purchasing Director to be in the best interest of the State of Oklahoma.
- A.15.2. Contract awards will be made to the lowest and best bidder(s) unless the solicitation specifies that best value criteria is being used.
- A.15.3. In order to receive an award or payments from the State of Oklahoma, suppliers must be registered. The vendor registration process can be completed electronically through the OMES website at the following link: <https://www.ok.gov/dcs/vendors/index.php>.

A.16. Contract Modification

- A.16.1. The Contract is issued under the authority of the State Purchasing Director who signs the Contract. The Contract may be modified only through a written Addendum, signed by the State Purchasing Director and the supplier.
- A.16.2. Any change to the Contract, including but not limited to the addition of work or materials, the revision of payment terms, or the substitution of work or materials, directed by a person who is not specifically authorized by the Central Purchasing Division in writing, or made unilaterally by the supplier, is a breach of the Contract. Unless otherwise specified by applicable law or rules, such changes, including unauthorized written Addendums, shall be void and without effect, and the supplier shall not be entitled to any claim under this Contract based on those changes. No oral statement of any person shall modify or otherwise affect the terms, conditions, or specifications stated in the resultant Contract.

A.17. Delivery, Inspection and Acceptance

- A.17.1. Unless otherwise specified in the solicitation or awarding documents, all deliveries shall be F.O.B. Destination. The supplier(s) awarded the Contract shall prepay all packaging, handling, shipping and delivery charges and firm prices quoted in the bid shall include all such charges. All products and/or services to be delivered pursuant to the Contract shall be subject to final inspection and acceptance by the State at destination. "Destination" shall mean delivered to the receiving dock or other point specified in the purchase order. The State assumes no responsibility for goods until accepted by the State at the receiving point in good condition. Title and risk of loss or damage to all items shall be the responsibility of the supplier until accepted by the receiving agency. The supplier(s) awarded the Contract shall be responsible for filing, processing, and collecting any and all damage claims accruing prior to acceptance.
- A.17.2. Supplier(s) awarded the Contract shall be required to deliver products and services as bid on or before the required date. Deviations, substitutions or changes in products and services shall not be made unless expressly authorized in writing by the Central Purchasing Division.

A.18. Invoicing and Payment

- A.18.1. Pursuant to 74 O.S. §85.44(B), invoices will be paid in arrears after products have been delivered or services provided.
- A.18.2. Payment terms will be net 45.
- A.18.3. Additional terms which provide discounts for earlier payment will be evaluated when making an award. Additional terms shall be no less than ten (10) days increasing in five (5) day increments up to thirty (30) days. Discounts offered must be in half or whole percent increments. The date from which the discount time is calculated shall be the date of a valid invoice. An invoice is considered valid if sent to the proper recipient and goods or services have been received.

A.19. Tax Exemption

State agency acquisitions are exempt from sales taxes and federal excise taxes. Bidders shall not include these taxes in price quotes.

A.20. Audit and Records Clause

- A.20.1. As used in this clause, "records" includes books, documents, accounting procedures and practices, and other data, regardless of type and regardless of whether such items are in written form, in the form of computer data, or in any other form. In accepting any Contract with the State, the successful bidder(s) agree any pertinent State or Federal agency will have the right to examine and audit all records relevant to execution and performance of the resultant Contract.
- A.20.2. The successful supplier(s) awarded the Contract(s) is required to retain records relative to the Contract for the duration of the Contract and for a period of seven (7) years following completion and/or termination of the Contract. If an audit, litigation, or other action involving such records is started before the end of the seven (7) year period, the records are required to be maintained for two (2) years from the date that all issues arising out of the action are resolved, or until the end of the seven (7) year retention period, whichever is later.

A.21. Non-Appropriation Clause

The terms of any Contract resulting from the solicitation and any Purchase Order issued for multiple years under the Contract are contingent upon sufficient appropriations being made by the Legislature or other appropriate government entity. Notwithstanding any language to the contrary in the solicitation, purchase order, or any other Contract document, the procuring agency may terminate its obligations under the Contract if sufficient appropriations are not made by the Legislature or other appropriate governing entity to pay amounts due for multiple year agreements. The Requesting (procuring) Agency's decisions as to whether sufficient appropriations are available shall be accepted by the supplier and shall be final and binding.

A.22. Choice of Law

Any claims, disputes, or litigation relating to the solicitation, or the execution, interpretation, performance, or enforcement of the Contract shall be governed by the laws of the State of Oklahoma.

A.23. Choice of Venue

Venue for any action, claim, dispute or litigation relating in any way to the Contract shall be in Oklahoma County, Oklahoma.

A.24. Termination for Cause

- A.24.1. The supplier may terminate the Contract for default or other just cause with a 30-day written request and upon written approval from the Central Purchasing Division. The State may terminate the Contract for default or any other just cause upon a 30-day written notification to the supplier.
- A.24.2. The State may terminate the Contract immediately, without a 30-day written notice to the supplier, when violations are found to be an impediment to the function of an agency and detrimental to its cause, when conditions preclude the 30-day notice, or when the State Purchasing Director determines that an administrative error occurred prior to Contract performance.
- A.24.3. If the Contract is terminated, the State shall be liable only for payment for products and/or services delivered and accepted.

A.25. Termination for Convenience

- A.25.1. The State may terminate the Contract, in whole or in part, for convenience if the State Purchasing Director determines that termination is in the State's best interest. The State Purchasing Director shall terminate the Contract by delivering to the supplier a Notice of Termination for Convenience specifying the terms and effective date of Contract termination. The Contract termination date shall be a minimum of 60 days from the date the Notice of Termination for Convenience is issued by the State Purchasing Director.
- A.25.2. If the Contract is terminated, the State shall be liable only for products and/or services delivered and accepted, and for costs and expenses (exclusive of profit) reasonably incurred prior to the date upon which the Notice of Termination for Convenience was received by the supplier.

A.26. Insurance

The successful supplier(s) awarded the Contract shall obtain and retain insurance, including workers' compensation, automobile insurance, medical malpractice, and general liability, as applicable, or as required by State or Federal law, prior to commencement of any work in connection with the Contract. The supplier awarded the Contract shall timely renew the policies to be carried pursuant to this section throughout the term of the Contract and shall provide the Central Purchasing Division and the procuring agency with evidence of such insurance and renewals.

A.27. Employment Relationship

The Contract does not create an employment relationship. Individuals performing services required by this Contract are not employees of the State of Oklahoma or the procuring agency. The supplier's employees shall not be considered employees of the State of Oklahoma nor of the procuring agency for any purpose, and accordingly shall not be eligible for rights or benefits accruing to state employees.

A.28. Compliance with the Oklahoma Taxpayer and Citizen Protection Act of 2007

By submitting a bid for services, the bidder certifies that they, and any proposed subcontractors, are in compliance with 25 O.S.

§1313 and participate in the Status Verification System. The Status Verification System is defined in 25 O.S. §1312 and includes but is not limited to the free Employment Verification Program (E-Verify) through the Department of Homeland Security and available at www.dhs.gov/E-Verify.

A.29. Compliance with Applicable Laws

The products and services supplied under the Contract shall comply with all applicable Federal, State, and local laws, and the supplier shall maintain all applicable licenses and permit requirements.

A.30. Special Provisions

Special Provisions set forth in SECTION B apply with the same force and effect as these General Provisions. However, conflicts or inconsistencies shall be resolved in favor of the Special Provisions.

B. SPECIAL PROVISIONS

B.1. Type of Contract

- B.1.1.** This will be a mandatory statewide contract that is available to all state agencies. Other government entities, such as Cities, Counties, Municipalities, Schools, Universities, may avail themselves of this contract.
- B.1.2.** All state agencies must use the contract for the products specified herein unless the ordering agency has received a written exception from the contracting Officer. The State of Oklahoma reserves the right to conduct separate procurements to establish contracts for the same or similar products for any agency's specific needs.
- B.1.3.** The State of Oklahoma shall not guarantee any minimum or maximum amount under this contract, also known as an indefinite quantity contract.
- B.1.4.** This contract will be for the purchase of equipment, warranty work and parts. This contract may be awarded to multiple vendors.

B.2. Contract Period

This Contract is for Date of Award through one year with the option to renew for up to four (4) additional one year periods.

B.3. Extension of Contract

The State may extend the term of this contract for up to 180 days if mutually agreed upon by both parties in writing.

B.4. Authorized Users

This Contract shall be made available to all State Departments, Boards, Commissions, Agencies and Institutions. The Oklahoma Statutes also allow Counties, School Districts and Municipalities to use this contract as well as State entities other than the State of Oklahoma if statutes allow for it.

B.5. Gratuities

The right of the successful vendor to perform under this contract may be terminated by written notice if the Contracting Officer determines that the successful vendor, or its agent or another representative offered or gave a gratuity (e.g., an entertainment or gift) to an officer, official or employee of Central Purchasing.

B.6. Travel

No reimbursable travel is contemplated under the terms of this contract.

B.7. Energy Conservation

Oklahoma is an energy conservation State and we welcome any comments on your RFP that would indicate energy savings such as brochures, specifications, and descriptions of equipment that indicate environmentally friendly construction/usage..

B.8. Conflict of Interest

The RFP is subject to the provisions of the Oklahoma Statutes. All Suppliers must disclose the name of any officer, director or agent who is also an employee of the State of Oklahoma or any of its agencies. Further all Suppliers must disclose the name of any State Employee who owns, either directly or indirectly, an interest of five percent (5%) or more in the supplier firm or any of its branches.

B.9. Patents and Royalties

The Supplier without exception, shall indemnify and save harmless the State of Oklahoma and its employees from liability of any nature or kind, including cost and expenses for or on account of any copyrighted, patented or unpatented invention, process, or article manufactured or used in the performance of the contract including its use by the State of Oklahoma. If the Supplier uses any design, device or materials covered by letters, patent or copyright, it is mutually agreed and understood without exception that the RFP prices shall include all royalties or cost arising from the use of such design, device, or materials in any way involved in the work.

B.10. Property loss

The Supplier shall reimburse the government entity for such property loss or damage caused by supplier, its employees or for anyone whose acts the supplier may be liable for.

B.11. Contract Management Fee

- B.11.1.** As provided by State Statute 85.33A, Central Purchasing will assess a Contract Management Fee of 1% of total contract sales to all government entities. Awarded Supplier(s) shall remit payment of the fee on a quarterly basis in conjunction with the quarterly sales report. The fee amount is not to be invoiced to any contract users, either as an item on a sales invoice or by any other means. Delinquency in payment may be considered cause for contract termination.
- B.11.2.** Supplier shall make payment by company check to Central Purchasing Division within 45 days of the completion of the quarterly reporting period. To ensure the payment is credited properly, the Supplier must identify the check as "Contract Management Fee" and include the following information with payment: SW193 Sewer Equipment and Parts. The Contract Management Fee shall be mailed to:

Office of Management and Enterprise Services
Attention: Accounts Receivable
5005 N Lincoln Blvd., Ste 300
Oklahoma City OK 73105

B.12. Contract Usage Reporting Requirements

- B.12.1.** Reports shall provide the total dollar amounts sold to all political entities that include but are not limited to State Agencies, Counties, Cities, Schools, Hospitals, and Municipalities. The parts can be summed up in one sum, but the equipment should be itemized in order for the Contracting Officer to ascertain what type of equipment is being purchased by those government entities who do not report their purchases to the Central Purchasing Division, i.e. cities and school districts and counties.
- B.12.2.** Reports shall be submitted quarterly regardless of quantity. A standardized form has been developed for Supplier use.
- B.12.3.** If there are no sales reported by the vendor during the contract term, or if the vendor fails to report sales that have been discovered through state purchasing reports, the State reserves the right to terminate the contract.

Usage reports shall be delivered to : strategic.sourcing@omes.ok.gov

- B.12.3.1.** 1st Quarter: July 1 through September 30
- B.12.3.2.** 2nd Quarter: October 1 through December 31
- B.12.3.3.** 3rd Quarter: January 1 through March 31
- B.12.3.4.** 4th Quarter: April 1 through June 30

C. SOLICITATION SPECIFICATIONS

C.1. Scope

- C.1.1.** The State of Oklahoma Office of Management and Enterprise Services, Central Purchasing Division is charged with developing statewide contracts for all government entities to use that have been competitively solicited for the best possible pricing or percentage discount off pricing based on high volume purchasing. This contract's main customer base will be cities and municipalities.
- C.1.2.** The purpose of this competitive solicitation is to develop a contract to provide for equipment made available for purchase on a statewide basis. Manufacturers as well as Dealers are encouraged to bid directly on the contract, as this will be a multiple award contract for both equipment and replacement parts.

C.2. Authorized Representative

- C.2.1.** Suppliers may offer any brand for which they are an authorized dealer, distributor or service representative. A current, dated, and signed letter of authorization from the manufacturer that states the Supplier is an authorized distributor, dealer, or service representative and is authorized to sell the manufacturer's products in the State of Oklahoma is to be submitted with the response.

- C.2.2. If the Manufacturer is responding to this solicitation, please submit a list of authorized dealers, distributors or service representatives located in the State of Oklahoma and the product line you are the manufacturer of.

C.3. Licensing

Sales of motor vehicles in the State of Oklahoma are subject to the Oklahoma Motor Vehicle Commission Statutes. (Oklahoma Statutes, Title 47 - Motor Vehicles, Chapter 62) Offeror certifies by submission of a response that all required Oklahoma Motor Vehicle Commission licenses are in place and current, and that copies of all such licenses have been submitted with the Response. It is the Vendor's responsibility to keep all required Oklahoma Motor Vehicle Commission licensing current during the term of the contract and to furnish copies at any time upon request by Central Purchasing. If the Vendor does not maintain current licensing, Central Purchasing may immediately terminate the contract upon discovery of the expiration of the license. Contracts for motor vehicles to be sold within the state of Oklahoma may be made only with properly licensed Oklahoma Motor Vehicle Dealers.

C.4. Warranty-Equipment/Options/Accessories/Attachments

- C.4.1. The Successful Supplier agrees the products furnished under this contract shall be covered by all commercial warranties the contractor provides for such products, and rights and remedies provided herein are in addition to and do not limit any rights afforded to the State of Oklahoma by any other clause of this contract.
- C.4.2. The Supplier warrants that at the time of delivery, all equipment and purchased under this contract will be free from defects in material or workmanship and will conform to the specifications and all other requirements of this contract.
- C.4.3. All warranty work performed and parts/materials supplied shall meet original equipment manufacturer (OEM) warranty requirements. Equivalent substitutions must be approved by the agency contact person prior to installation.
- C.4.4. Warranty work performed not meeting specifications or found to be defective, shall not be accepted. The supplier shall be required to make repairs or corrections at no additional cost to the agency.
- C.4.5. Supplier shall furnish a copy of their warranty applicable for the equipment.
- C.4.6. All equipment warranties shall start on the date of delivery and shall be for the full term of said warranty.
- C.4.7. Before actual warranty work begins, ownership of the equipment shall be established to ensure the equipment in need of repair belongs to the government entity requesting the service. The following information shall be provided in order to determine ownership of the equipment:
 - C.4.7.1. Name of government entity and division, if applicable.
 - C.4.7.2. Make, Model, and VIN of equipment
 - C.4.7.3. Control number of government entity (Inventory number)
 - C.4.7.4. Repairs made that are covered by a warranty shall not be paid for by the government entity.
 - C.4.7.5. The Supplier shall furnish all necessary supervision, labor, equipment, tools, parts, materials, and supplies needed for the warranty repair work.
 - C.4.7.6. All persons utilized in the performance of this contract shall be employees of the supplier and be fully qualified to perform the warranty work required. Warranty work shall be performed by certified or trained or authorized service technicians.
- C.4.8. Equipment that will remain in the supplier's possession overnight and for extended periods shall be stored in a safe and secure location for protection from theft and environmental dangers. The supplier shall be responsible for the proper care and custody of any state owned equipment in the supplier's possession.
- C.4.9. Options/Accessories/Attachments on ordered equipment shall include all standard items normally furnished by the manufacturer/dealer for the basic equipment being purchased.

C.5. Insurance

- C.5.1.** Prior to the commencement of this contract, the supplier shall obtain and keep in full force and effect until the termination of this contract, insurance coverage with an insurance company licensed and qualified under the laws of Oklahoma.
- C.5.2.** The supplier shall maintain insurance coverage in an amount not less than \$500,000 at all times during the entire term of this contract. The following types of risks shall be covered in the supplier's policy:
 - Worker's Compensation Insurance and employer's liability insurance sufficient to cover supplier's employees as required by the State of Oklahoma.
 - Comprehensive General Liability Insurance to include Products/Completed Operations, Premises Operations, Personal Injury, Medical Expenses and Fire Damage.
 - Commercial Automobile Insurance, hired and non-owned.
 - Garage keepers Liability Insurance.
 - Commercial Property Coverage.

C.6. Quality of Parts

- C.6.1.** Parts under these specifications must be name brand, nationally advertised merchandise. Equivalent substitutions must be approved by the agency contact person.
- C.6.2.** After Market Repair parts must be equal to, or exceed original equipment manufacturer's specifications.
- C.6.3.** Repair parts must be packaged and distributed under their respective nationally known name brands.
- C.6.4.** All rebuilt or remanufactured parts must meet the same requirements as listed above.
- C.6.5.** Some repair parts may be required to be original equipment manufacturer repair parts. Suppliers must carry a complete line of OEM parts for all models of equipment they carry.
- C.6.6.** Preservation, packaging, and packing and marking will be in accordance with best commercial practice to provide adequate protection against shipping damage.

C.7. Warranty-Parts

- C.7.1.** Suppliers are required to provide any buy-back, trade-in, or exchange policy concerning repair parts sold to government Entities.
- C.7.2.** Supplier shall correct ordering errors without further cost to the ordering entity.
- C.7.3.** A copy of the Warranty shall be included for replacement parts purchased.

C.8. Safety Data Sheets

Supplier shall furnish any required Safety Data Sheets or a composite concentration list prior to contract award, with the product invoice, **or** at the request of Central Purchasing.

C.9. Catalogs and Price Sheets

Suppliers shall provide catalogs and current price lists at no charge upon customer or Contracting Officer's request.

C.10. Equipment Operation and Repair Manuals

All equipment shall be delivered with one copy of the operator's manual, and an illustrated repair parts manual or list. If other manuals are required by the customer, they shall be offered at the discount offered in the Price Sheets.

C.11. Repair Facilities

Repair facilities that will perform the warranty work of items on contract shall be identified on the Pricing Page.

C.12. Ordering

- C.12.1.** No minimum orders will be considered under this contract.
- C.12.2.** Suppliers shall identify any websites that can be of assistance in determining needs and calculating total cost of items purchased.
- C.12.3.** Any trade-in allowances determined by the dealer shall be deducted from the established current price before the discount is applied.

- C.12.4.** When possible, government entities are encouraged to use the Statewide Contracts for medium and heavy duty trucks for the chassis. Vendors please be aware that the entities may request this.

C.13. Invoices

To ensure prompt payment, the invoice shall include the following information:

- C.13.1.** Purchase order number if applicable.
- C.13.2.** Make, model, and VIN number of equipment.
- C.13.3.** Name of government entity.
- C.13.4.** Description of equipment purchased or warranty services performed and/or parts, material and supplies provided.
- C.13.5.** The Manufacturer's suggested retail price less any trade-in allowance if applicable, contract percentage discount off, freight cost, set-up fees, and the final price for each item delivered.
- C.13.6.** The copy of the current, dated manufacturer's Price List showing the price of the equipment if requested by the ordering party for their accounting purposes.
- C.13.7.** Name of company who provided the products/services.
- C.13.8.** Payment remittance address.
- C.13.9.** Payment made by government agencies will be made by the procurement card that is issued by the State or Purchase Orders. Other entities may use Purchase Orders or Procurement cards.
- C.13.10.** Each Dealer/manufacturer who is awarded a contract as a result of this Solicitation shall be the only office authorized to receive orders, invoice and receive payment. If the Manufacturer or Dealer wishes to ship or provide a service from a point other than the address listed on the solicitation documents, they will furnish a list of these locations as part of their response.

C.14. Freight/Shipping and Handling/Set-up Fees

- C.14.1.** Delivery is to be FOB Destination (of ordering entity) freight collect.
- C.14.2.** All Freight, shipping and handling costs and Set-up fees paid by the ordering entity are to be annotated on the quote/invoice at the time of order as a separate line item.

C.15. Payment

- C.15.1.** Payment method will be Purchase Orders or electronic payment means as determined by the customer, or lease purchase.
- C.15.2.** For Lease purchases, the government entity is to follow the policies and procedures outlined by their purchasing authority or state regulations and statutes.
- C.15.3.** For County purchases by lease purchase, the Management Services Division of the State Auditor and Inspectors (SAI) Office has encouraged the use of an approved agreement form, Lease Purchase of Equipment Form 120B, as well as a Full Warranty Lease form, developed by their office. The State Auditor and Inspectors Office, through its Constitutional Authority, Article VI Section 19, establishes accounting procedures and forms and provides assistance to counties and other forms of local government. Link to the forms listed on the State Auditor website : https://www.sai.ok.gov/publications_forms/county_clerk.php?action=showform&formdiv=5
- C.15.4.** For those Government Entities subject to the Oklahoma Bond Oversight and Reform Act 62. O.S., Section 695.1 et seq., the Council of Bond Oversight reviews and must approve any request for financing by a State Government entity. (All state and local government entities). The State Bond Advisor's Office serves as staff to the Council of Bond Oversight. See Chapter 10, Administration of the Oklahoma Bond Oversight and Reform Act (Administrative Rules) Link to the Council of Bond Oversight website: https://www.ok.gov/bondadvisor/Bond_Oversight/index.html
- C.15.5.** Lease Purchase Rates may be adjusted during the contract period. All lease purchase agreements established by using prices obtained from Suppliers listed as a participant in this competitively bid statewide contract shall be included in the total sales reported by the vendors.

C.16. Prompt Payment Discounts

Prompt payment discounts will not be considered in the evaluation of offers. However, any discount offered will be annotated on the award and may be taken if payment is made within the discount period.

C.17. Late Payment to Suppliers

Late payments made by Government entities who sell to State Agencies are addressed in the Prompt Payment Rules published by the Oklahoma Office of State Finance, derived from Titles 62, Section 41.4a and 4b and 74, Section 840.14.

C.18. Delivery

C.18.1. Delivery of equipment is to be made within 120 calendar days after receipt of order unless other arrangements are made between the ordering party and the Supplier. Earlier deliveries are encouraged however there shall be no change in contract price or discount terms because of the earlier delivery.

C.18.2. All equipment is to be delivered new, unused, assembled, serviced, oiled and ready for immediate use, unless otherwise requested by the customer. Liability for product delivery remains with the Supplier until delivered and accepted.

C.18.2.1. Delivery shall be made in accordance with instructions on purchase order from each agency. If there is a discrepancy between the purchase order and what is listed on the contract; it is the Supplier's obligation to seek clarification from the ordering party and, if applicable, from the Contracting Officer listed as the contact person in Central Purchasing.

C.18.3. Delivery on parts is to be made within 30 days.

C.18.4. One Operating Manual, an illustrated parts manual or List, and the Warranty, shall be furnished for each new item purchased, as well as any proprietary tools necessary to perform routine service or adjustments, all at no additional cost.

C.18.5. New Products

New Products may be added to the contract as they are introduced by a manufacturer.

C.19. Training

C.19.1. Vendor is to provide their training opportunities for the equipment they are bidding with their response to this solicitation

C.20. Price Adjustments

C.20.1. Since the various manufacturers update their pricing throughout the year and at different times during the year, there will be no pre-determined price adjustment time period for this contract.

C.20.2. Vendor is to notify the contracting officer at least 30 days before a price adjustment will occur, or as soon as possible upon notification from the manufacturer.

C.20.3. Vendors are to include information concerning their return policy.

D. EVALUATION

Evaluation Process

In the initial phase of the evaluation process, all proposals timely received will be reviewed Unacceptable proposals will be eliminated from further consideration. A pass/fail and weighted score methodology of selection with both objective and subjective criteria will be used.

Award of a contract resulting from this RFP may be made to multiple Suppliers in accordance with the method identified within this section. The state reserves the right to award on receipt of initial proposals without an opportunity for discussion or proposal revision, so Suppliers are encouraged to submit their most favorable proposal at the time established for receipt of proposals.

D.1. Price 30%

D.2. Past performance 10%

D.3. Ability to meet requirements 60%

The State reserves the right to negotiate with one or more Contractors. The Department of Central Services may negotiate any and all content of the proposal.

E. INSTRUCTIONS TO SUPPLIER

Please carefully read all the Sections of this solicitation as your response indicates your understanding of what is requested.

Section "A" is standard terms for all Central Purchasing Contracts

Section "B" contains terms specific to this contract

Section "C" is the scope of work for this contract.

Section "H" Price and Cost. There are attachments for pricing. You will not have to fill out pricing on every attachments unless you sell all the equipment we are requesting. You only have to return the attachments for the equipment you sell. You DO have to return all of the rest of the documents.

If you have questions, you must submit them by the date and time noted on the first page of the solicitation documents.

Please submit specifications/brochures for the equipment you are offering. These will be requested throughout the contract period by the customers and/or the contracting officer in charge of maintaining the contract.

F. CHECKLIST

- Your entire response submitted on a flash drive or cd. (We are mostly electronic so paper bids will be scanned to an electronic filing system if you were to submit them).
- Copy of Workman's Comp Insurance Policy
- Training plan offered with sales
- A current, dated, and signed letter of authorization from the manufacturer
- If a manufacturer submitting a response, a list of certified dealers within the State of Oklahoma authorized to sell and service your products
- Specifications of equipment offered
- Copy of Oklahoma Motor Vehicle Commission license
- Copy of Certificate of Good Standing (If required to be registered with the Secretary of State of Oklahoma)
- Vendor Reference document
- All Technical Questions answered completely
- Any brochures or other literature requested (warranty information, re-stocking, marketing)

G. OTHER

None

H. PRICE AND COST

SEWER EQUIPMENT

The State of Oklahoma is requesting pricing for sewer equipment of the cleaning, hydro-excavating, and inspection, to include the actual equipment and installation pricing for equipment that is installed on a customer-owned chassis. When possible, government entities are encouraged to use the Statewide Contracts for medium and heavy duty trucks for the chassis. Vendors please be aware that entities may request this.

The State of Oklahoma has been a leader in the push for State use of CNG-powered vehicles. If you have products that are fueled by means other than gas or diesel fuel, and that are considered environmentally friendly, please include them in your response.

Manufacturers responding please include a listing of Distributors/Dealers for the State of Oklahoma to include Name of business, Address, contact names, phone numbers, fax numbers, email addresses and websites.

Suppliers must submit specifications for all equipment bid, as well as options available. Please submit these specifications on a cd or dvd or flash drive. Any descriptive brochures provided for advertising purposes will be posted with contracts on the Central Purchasing website, although it is preferred that vendors have a website where customers can go and view the products. The Central Purchasing Statewide Contract website will be updated as necessary.

You will be expected to provide brochures and descriptive literature to those customers who request it and the contracting officer responsible for the maintenance of the contract.

The Supplier will be expected to notify the Contracting Officer of any changes in the Company status, such as mergers, discontinuation of equipment, addition of equipment lines and changes in the contact information for the contract. It is imperative that the Contracting Officer be able to contact someone at all times during business hours, especially when helping an entity make a decision on equipment they want to purchase.

If you already have pricing sheets for your products, please use those. You do not have to return the sheets that don't apply to the equipment you sell. If you have additional information you want to include, such as a new type of equipment or something that is not on the list, send it in with your proposal however, there is no guarantee that all the equipment you list will be offered on the contract. If you have different discounts for options, you WILL have to list the items. If you need more space, attach sheets in the same or similar format or Microsoft Excel spreadsheets.

Please attach any extra sheets as needed to describe any seasonal or annual sales discounts or special offers that may be of use in the customer's planned purchases.

THE FOLLOWING QUESTIONS ARE TO BE ANSWERD IN FULL. PLEASE USE THE NUMBERING SYSTEM AND MICROSOFT WORD TO ANSWER THE QUESTIONS AND ATTACH TO YOUR RESPONSE. These questions are part of the evaluation process.

Technical Requirements

1. Do you, the manufacturer, or your dealers in your network offer any value-added incentives to purchase such as seasonal sales? Yes_____ No_____, and if so how would you incorporate special sale situations in the contract?
2. Have you ever had a recall situation for any of your equipment? Yes_____ No_____ and if yes, approximately how much of a negative impact in a dollar amount was it to the company to repair/replace the equipment? _____.
3. Has your company ever filed for Bankruptcy? Yes_____ No_____.
4. How long does it take usually from the build of the equipment until delivery? _____.
5. How many years has your company been in business? _____.
6. Will you offer discounts on your extended warranties? Yes_____ No_____. If yes, please include in your response the types of the extended warranties and the terms. If No, still include the types and terms of your extended warranty plans.
7. Do you offer green options for hydraulic fluids? Yes_____ No_____. If yes, please provide specifications for the fluid.
8. For the products that are not an "all in one" product, please describe the ordering process including locations where products are assembled and if chassis is provided by your company, whether or not the chassis is new and if not then how the chassis selection process is made and by whom, the customer or your company.
9. Please provide your parts return policy as well as any restocking fee for parts incorrectly ordered for the customer.
10. Central Purchasing is very limited in the marketing of products to the government entities across the state. Please describe your plan for marketing your products to the government entities. (trade shows, government employee organizations, publications, etc.)

Company Name	
Doing Business as (if applicable)	
Contact Person for Solicitation Response	
Phone	
Email	
Address For Purchase Orders-Number & Street-Post Office Box (some companies have ordering addresses that are are different than the payment address)	
City, State, Zip	
Contact Person for Contract/Ordering/Price Information/Equipment Additions/Changes/Discontinuations	
Phone	
Fax	
Email	
Secondary Contact for Contract/Ordering	
Phone	
Fax	
Email	
Address For Payment-Number & Street-Post Office Box (some companies have a different Payment/remittance address than the ordering address)	
City, State, Zip	
Contact Person/Department for payment	
Phone	
Fax	
Email	
Counties You can provide products/warranty service/repair parts to	____All counties in Oklahoma OR just these counties: _____
	(include any special conditions, such as territory or district maps on a separate sheet)
Continued-counties	OR all BUT these counties:
Trade-ins	____Available ____Not Available (Include any special conditions on a separate sheet)
Payment Discount (i.e. 15 days)	Net ____ days
Supplier will be responsible for notifying the contracting officer when the contact information changes.	Notes: (Special ordering instructions-please attach any special instructions on a separate sheet)

**Past Performance Verification SW193 Sewer
Supplier is to have this filled out by 3 separate government contract
clients and returned with their response to the solicitation. Failure to
submit this for 3 clients will result in your response not being
considered.**

Date: _____

Name: _____
(Name and title)

Phone: _____ Fax: _____

Subject: Past Performance Survey of: _____
(Name of Vendor requesting verification)

The State of Oklahoma is collecting past performance information on prospective vendors. The information will be used to assist the State in the selection of vendors for SW193 Sewer Equipment. Rate each of the criteria on a scale of 1 to 5. Please rate each of the criteria to the best of your knowledge. If you do not have sufficient knowledge of past performance in a particular area, leave it blank.

Exceptional	(5)	Best-in-class performance. Performance met all contract requirements and exceeded several to the customer's benefit. No issues were encountered.
Very Good	(4)	Performance met all contract requirements and exceeded some to the customer's benefit. There were a few minor issues, which were negligible.
Satisfactory	(3)	Performance met contract requirements. There were some minor issues, and corrective actions taken by the contractor were acceptable.
Marginal	(2)	Performance did not meet the contractual requirements. There were issues, some of a serious nature, for which corrective action was only somewhat effective.
Unsatisfactory	(1)	Performance did not meet contractual requirements. There were serious issues and the contractor's corrective actions were ineffective.

Organization Name:			
Contract Name:		Dollar Amount:	\$
Duration of Contract (Date/Year – Date/Year):			

NO	CRITERIA	Rated	
1	Rate the Quality of customer service		
2	Rate the Professionalism of the employees including prompt response to inquiries		
3	Rate their Ability to complete deliveries on time or early		

4	Rate the Quality of products		
5	Rate their Ability to manage (includes responses and prompt payment to their merchants and subcontractors)		
6	Rate their Ability to follow the customer's delivery requirements.		
7	Rate the Supplier's geographic coverage ability to deliver to all of your locations.		
8	Rate the value-added services provided.		
9	Rate your overall satisfaction during the contract period.		
10	Rate the performance of the Supplier's products as compared to that of it's competitors.		
11	Rate the Supplier's ordering procedures.		
12	Rate the timeliness of parts delivery		

COMMENTS:

Please indicate here any special instances where the client went out of their way to help you in a situation, i.e. delivery, shipping, emergency response, special purchase.

Email of Evaluator

Signature of Evaluator