



Bid Waiver Form

Revised 01/2025

Short Description of Goods/Services	Hydroseeder PSA-2000	Total Cost	\$160,662.50
Vendor Name	LSC ENVIRONMENTAL PRODUCTS LLC	MUNIS #	25701
		Req #	
Purchasing Officer	Pete Patten	Date	8/18/2025
Department	Waste & Renewables	Email	Allen.Jeffery@danecounty.gov
Name	Jeff Allen	Phone	608-838-9555

A VENDOR QUOTE MUST BE ATTACHED TO THE WAIVER FOR APPROVAL

Provide a detailed description of the goods/services intended to be purchased:

PSA-2000 specialized for landfill application:

- Solid tires
- Larger capacity, 2000 gallons
- Appropriate ground clearance
- Low flow flat spray nozzles to spray the ground surface

This machine dramatically improves operational efficiency—what used to take hours of labor and heavy equipment can now be done in a fraction of the time with far less fuel. Typically at a landfill waste is legally required to cover waste with 6 inches of packed soil. This soil has to be moved and spread with a variety of equipment. The PSA-2000 will primarily be used to apply alternative daily covers (ADCs), in our case we're primarily using Posi-Shell.

Posi-Shell is a blend of clay binders, reinforcing fibers, and polymers that, when mixed with water or leachate, produces a spray-applied mortar that dries in the form of a thin durable stucco. Regardless of the weather, it adheres to any surface and is effective in wet and dry forms.

It is used for:

Daily Cover Application - Instead of using bulky soil, operators spray ADC over a thin layer of exposed waste, reducing labor, fuel, and space usage.

Erosion Control - It can apply coatings to stabilize slopes, ditches, and stockpiles, preventing runoff and sedimentation.

Odor and Dust Suppression - Specialized coatings additives can be added to the ADC and applied to mitigate nuisance odors and airborne particles.

Vegetation Support - Hydroseeding also promotes vegetation growth for long-term stabilization.

The PSA 2000 is designed specifically to work with this material.

Send to a Purchasing Officer Once Completed



Bid Waiver Form

Revised 01/2025

Procurement Exception List

- ☐ Emergency Procurement
- ☒ Unique and specific technical qualifications are required
- ☐ A special adaptation for a special purpose is required
- ☐ A unique or opportune buying condition exists
- ☐ Only one vendor possesses the unique and singularly available ability to meet the Department's requirements

Provide a detailed explanation as to why the competitive bidding (RFB/RFP) process cannot be used. Also provide a detailed justification in relation to the Procurement Exception(s) chosen:

To maintain regulatory compliance and operational efficiency in our landfill operations, it is essential to invest in equipment specifically engineered for the unique challenges of the landfill environment. After evaluating available options, we have determined that the PSA-2000 hydroseeder is the only viable solution that meets our needs.

Currently, the only alternative on the market is a general-purpose hydroseeder designed for landscaping and agricultural use. While it may function in limited capacities, it lacks the durability, capacity, and design features required for consistent performance in landfill conditions. Using this general-purpose equipment would result in increased maintenance costs, reduced productivity, and potential damage to critical components.

The PSA-2000, by contrast, is purpose-built for landfill applications and offers the following essential advantages:

- Solid Rubber Tires - These eliminate the frequent puncture repairs associated with pneumatic tires on rough landfill terrain, reducing downtime and maintenance costs.
- Large 2,100-Gallon Capacity - This allows for fewer trips between the equipment shop and the working face, saving fuel, labor hours, and wear on the machine.
- High Ground Clearance (~19") - The elevated chassis prevents entanglement with debris and protects key components from damage, ensuring longer equipment life and safer operation.
- Specialized Spray Nozzles - Engineered for environmental coatings, these nozzles ensure uniform and effective coverage of alternative daily cover (ADC) materials, improving compliance and minimizing waste.

In short, the PSA-2000 is not just a better option—it is the only appropriate option for our landfill needs. Its design directly addresses the operational challenges we face daily, and its proven performance will enhance our efficiency, reduce costs, and support our environmental responsibilities.

Bid Waiver Approval (For Purchasing Use Only)

☐ Under \$45,000 (Controller)

☐ \$45,000+ (Personnel & Finance Committee)

Date Approved:

Send to a Purchasing Officer Once Completed



2183 Pennsylvania Ave
Apalachin NY 13732
United States
Phone (607) 625-3050
Fax (607) 625-2689

Quote

#QUO0002844

11/15/2024

Bill To

Dane County Department of
Waste & Renewables
1919 Alliant Energy Center Way
Madison WI 53813
United States

Ship To

Dane County Department of
Waste & Renewables
7102 Maahic Way
Madison, WI 53718
Madison WI 53718
United States

TOTAL

\$160,662.50

Expires: 12/15/2024

Exp. Close	Terms	Sales Rep	Shipping Terms
11/15/2024	Net 30	093 Manchester, James	FOB ORIGIN

Quantity	Item	Price	Extended Price
1	SOE902000 PSA 2000 PSA 2000	\$153,500.00	\$153,500.00
1	600060 MANUAL HOSE STORAGE REEL W/125' DOUBLE JACKET FIRE HOSE MANUAL HOSE STORAGE REEL W/125' DOUBLE JACKET FIRE HOSE	\$2,047.50	\$2,047.50
1	520020-ES Mobilization of Sold Equipment Mobilization of Sold Equipment	\$5,115.00	\$5,115.00

Note:

Your order is accepted subject to the Terms and Conditions of Sale set forth on both sides hereof and on any continuation sheets.
Acceptance is expressly conditional on your assent to the Terms and Conditions of Sale.
Applicable sales tax will be added to the final invoice.

Subtotal

\$160,662.50

Sales Tax (%)

\$0.00

Total

\$160,662.50

*Thank you for your interest.
Shipping quotes are estimates only.*



QUO0002844

Environmental Coatings Applicator Model PSA-2000

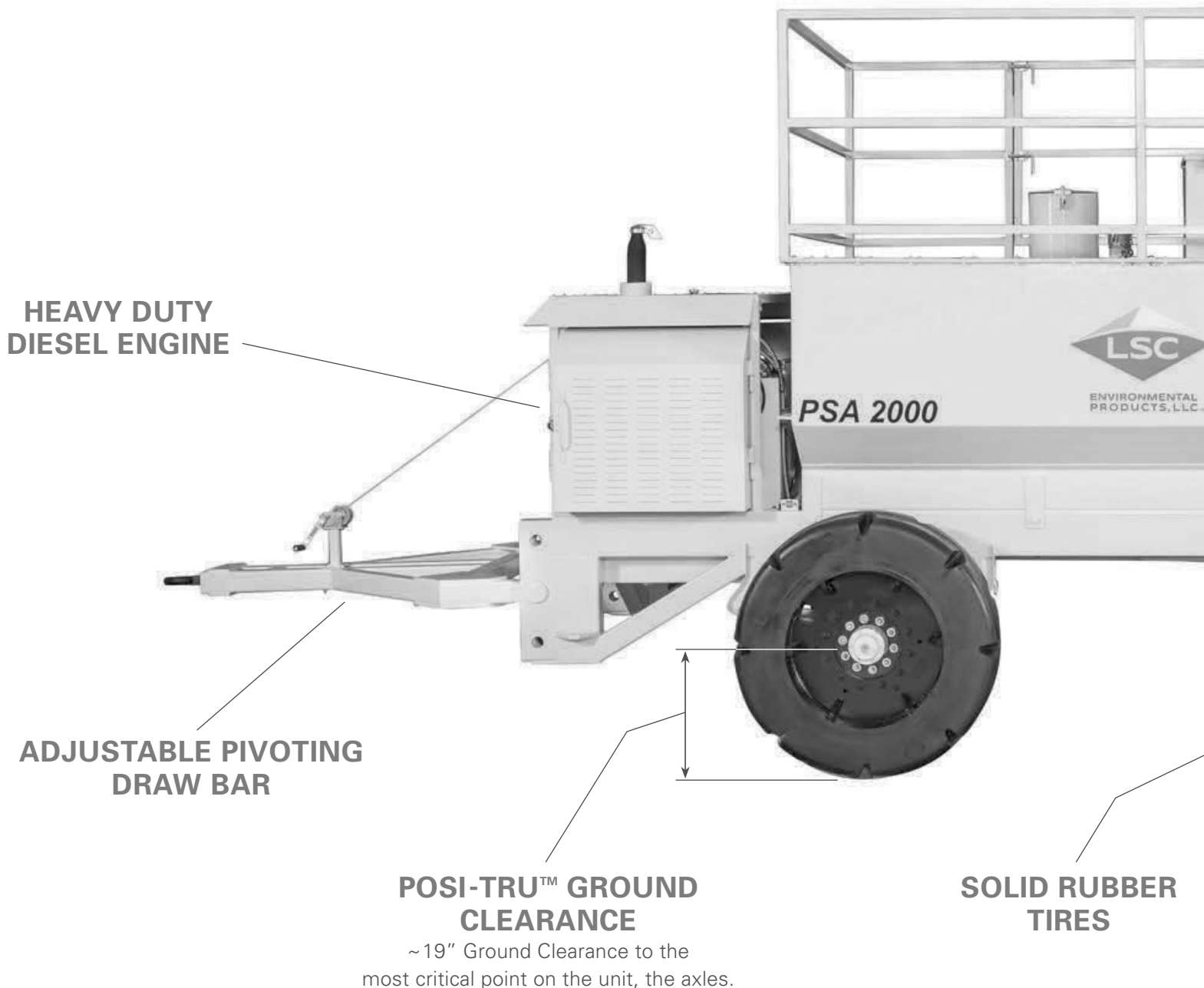
**If your dozer can go there,
so can our Applicator.**



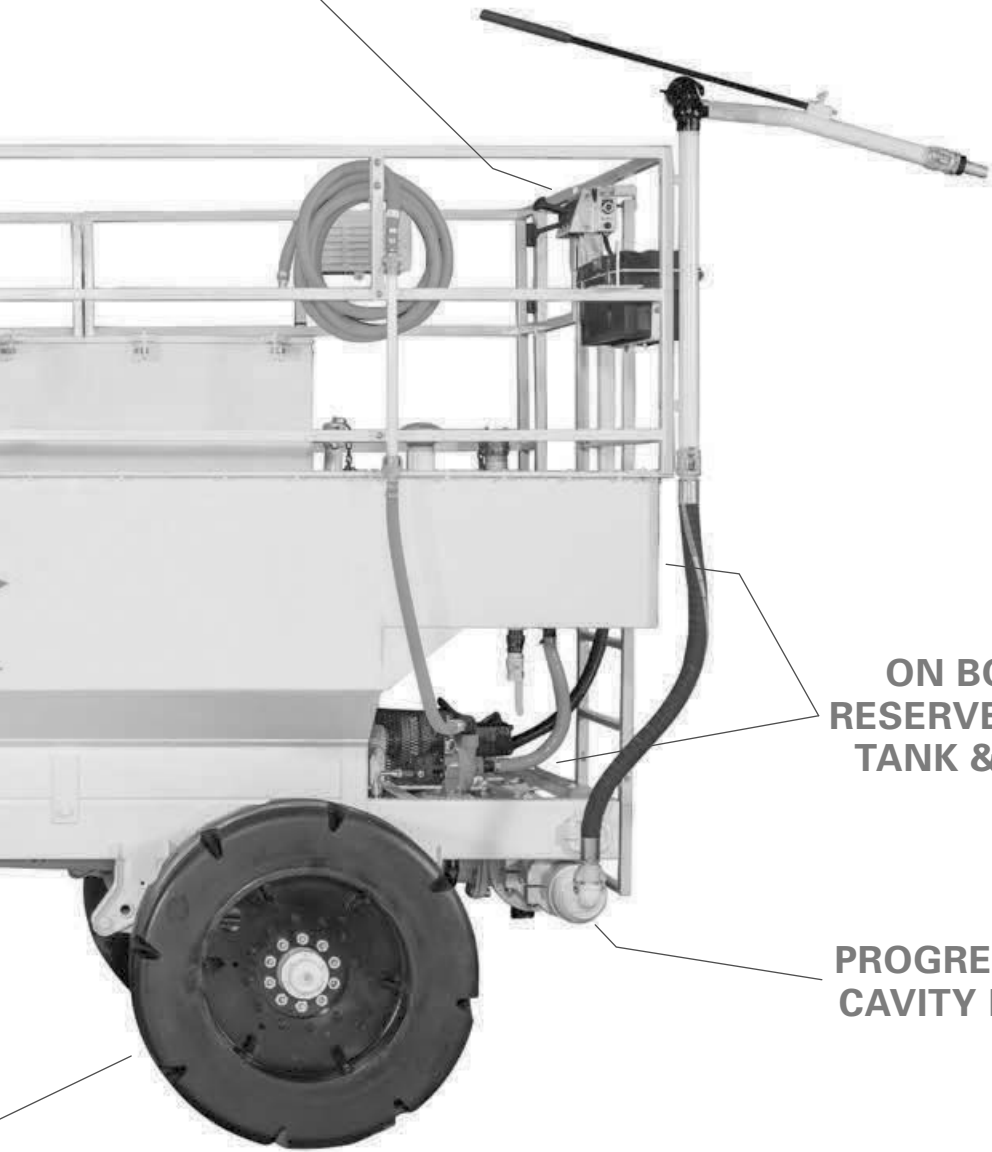
LSC Environmental Products, LLC
www.LSCenv.com • sales@LSCenv.com • 800-800-7671



The PSA-2000 Applicator was conceived, designed, and created for your landfill.

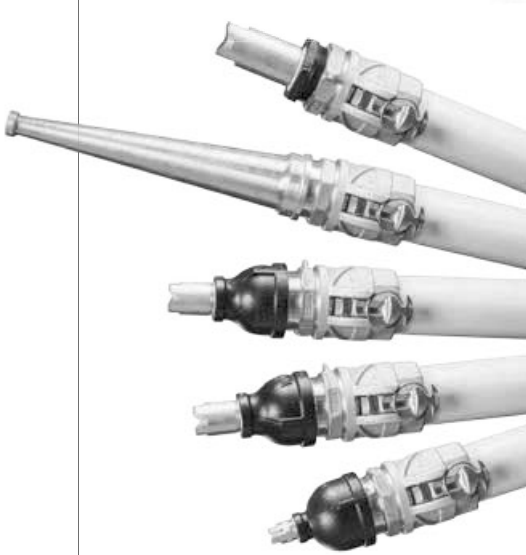


**FULL CONTROL
HYDROSTATIC
SYSTEM**

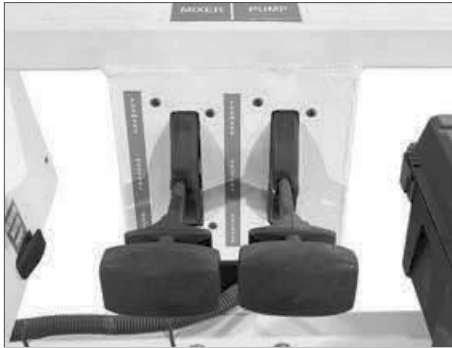


**ON BOARD
RESERVE WATER
TANK & PUMP**

**PROGRESSIVE
CAVITY PUMP**



Spray Nozzles



Operator Controls



Weatherproof Ignition Panel



Solid Rubber Tires



48 HP (Minimum) Diesel Engine

Environmental Coatings Applicator

Model PSA-2000

US Specifications – Standard Items

Width / Height / Overall Length:

111" / 138" / 300"

Empty Weight / Full Weight:

13,650 lbs. / 36,650 lbs.

Product Tank:

Capacity: 2,100 Gallons

Material Thickness: 3/16"

Interior Coating: Coal Tar Epoxy

Mixer Shaft & Paddles:

10' Long x 3" Diameter D.O.M. Shaft

16 Mid-Shaft Paddles – 4 End-Shaft Paddles

Forward & Reverse

Engine:

Min. 48 HP Diesel @ 2800 RPM, Turbo

4 cyl. Water Cooled

Air Cleaner w/Service Indicator

Fuel Capacity: 32 Gallons

Hydraulic System:

Closed Loop Hydrostatic Drive

Filtration: Supply/Return/Charge Loop

Tank Capacity: 28 Gallon 15W40

Product Pump:

Progressive Cavity Pump

3 Stage

100 GPM @ 500 RPM

Forward & Reverse

Electrical:

12 Volt/85 AMP Electrical Ignition

4D Heavy Duty Battery

Audible Alarms

Emergency Shut Down

Operator Signal Horn

Operator Controls:

Lever Style Mixer and Pump Controls

Digital Throttle Control

Reserve Water Tank:

Capacity: 295 Gallons

Electric Over Hydraulic Centrifugal Pump

114 GPM @ 180 PSI

Nozzles:

Long Range Solid Stream

15° Flat Spray

25° Flat Spray

50° Flat Spray

25° Low Flow Spray

Wheels:

15" Wide x 44" Diameter Solid

Rubber Tires

Posi-Tru™ Ground Clearance:

~19" to Bottom of Axle

Main Frame & Hitch Beams:

4" x 8" Rectangular Tubing

Suspension:

Two (2) 22,000 lbs. Axles, Suspension

& Under-Carriage

Total Capacity: 44,000 lbs.

Draw bar:

3" x 4" Rectangular Tubing

3 Position Drawbar Mount

Cable Winch

85,000 lbs. Tow Ring

Safety Cables & Brackets

Miscellaneous:

Nozzle Storage Box

Scraper

Nozzle Rinse Bucket

Grease Gun

Tow Bar Winch

Clean-off Hose

Specifications – Optional Items

Skid-Mounted Unit**Hose Reels:**

Manual Hose Storage Reel

Layflat Hose – Total Length:

125' x 1½" (50' and 75' sections)

Electric Hose Reel

150' x 1¼" Rigid Hose

Night Application Light Package**Bulk Sack Lifting Crane**

The LSC Family of Products



For technical services or to locate your nearest LSC Environmental Coatings Applicator dealer:



Call: **1-800-800-7671** • Email: **Sales@LSCenv.com**

Visit LSC online at: **www.LSCenv.com**

LSC Environmental Products, LLC

2183 Pennsylvania Ave., Apalachin, NY 13732



PSA20000920

Information and statements herein are believed to be reliable but are not to be constructed as a warranty or guarantee. LSC Environmental Products, LLC offers no warranties, express or implied. Nothing herein is to be taken as permission to practice any patented invention without a license. All rights reserved. © 2020 LSC Environmental Products, LLC

**FINANCING
OPTIONS
AVAILABLE**
CALL (800) 800-7671
FOR MORE INFORMATION