

ISSUING DEPARTMENT INPUT DOCUMENT

CONTRACT/PROJECT MEASURE ANALYSIS AND RECOMMENDATION

New
 OTR
 Sole Source
 Bid Waiver
 Emergency
 Previous Contract/Project No.

Re-Bid
 Other – Access of Other Entity Contract
 LIVING WAGE APPLIES: YES NO

Requisition No./Project No.: RQSW21000001 /SS-10117
 TERM OF CONTRACT 5 YEAR(S) WITH 5 YEAR(S) OTR

Requisition /Project Title: POSI SHELL ALTERNATIVE COVER WITH CHEMICAL

Description:

The PSA-2000 is designed to be towed by standard landfill equipment such as bulldozers, compactors, trucks, etc. It is able to operate on all work surfaces typical to an active landfill, including traveling through fresh trash.

Issuing Department: DSWM
 Contact Person: FRANCES PEREZ
 Phone: 305-514-6787

Estimate Cost: \$4,203,000.00

Funding Source:
 GENERAL
 FEDERAL
 OTHER PROPRIETART

ANALYSIS

Commodity Codes:	968-26			
Contract/Project History of previous purchases three (3) years Check here <input type="checkbox"/> if this is a new contract/purchase with no previous history.				
	<u>EXISTING</u>	<u>2ND YEAR</u>	<u>3RD YEAR</u>	
Contractor:				
Small Business Enterprise:				
Contract Value:				
Comments:				

Continued on another page (s): YES NO

RECOMMENDATIONS

	Set-Aside	Subcontractor Goal	Bid Preference	Selection Factor
SBE				

Basis of Recommendation:

Signed: MARTHA GAROFOLO	Date sent to SBD: 12/2/20
	Date returned to SPD:

PSA Series Applicator, Model PSA-2000

Specifications for Tow-Behind Unit

The PSA-2000 is designed to be towed by standard landfill equipment such as bulldozers, compactors, trucks, etc. It is able to operate on all work surfaces typical to an active landfill, including traveling through fresh trash.

Width:	111" (282 cm)
Height:	138" (351 cm)
Overall Length:	300" (762 cm)
Empty Weight:	13,650 lbs. (6,192 kgs)
Full Weight:	35,400 lbs. (16,057 kgs) - <i>Assumes heaviest Posi-Shell® mixture</i>
Mixing Tank:	Capacity – 2,100 gallons (7,950 liters) Wall Thickness – 3/16" (4.76 mm) Interior Coating – Coal Tar Epoxy
Mixer Shaft & Paddles:	120" long x 3" diameter (305 cm long x 7.62 cm diameter) D.O.M. 16 Mid-Shaft Paddles, 4 End Shaft Paddles Forward & Reverse
Engine:	4 Cylinder Diesel. Tier 4F 48.8 HP @ 2000 RPM, Turbo Liquid Cooled Dry Type Air Filtration w/ Service Indicator Fuel Capacity – 32 gallons (121 liters)
Hydraulic System:	Closed Loop Hydrostatic Tandem Hydraulic Pump Two (2) Hydraulic Motors Filtration – Supply/Return/Charge Oil Capacity – 28 gallons (106 liters) 15W40
Electrical:	12 Volt/85 AMP Electrical Ignition 4D Heavy Duty Battery Audible Alarms Emergency Shutdown Operator Signal Horn Auxiliary Lighting Port

Operator Controls:	Electronic Throttle Control Mixer and Pump Water Pump Rocker Switch
Product Pump:	Progressing Cavity Pump 100+ GPM (379 LPM) @ 500 RPM Forward & Reverse Recirculation Loop
Reserve Water Tank:	Capacity – 295 gallons (1,117 liters) Hydraulic Over Electric Centrifugal Pump 114 GPM (432 LPM) @ 180 PSI
Integrated Chassis & Suspension:	Two (2) 22,000 lbs. (9,980 kgs) Leaf Spring Axles Total Capacity – 44,000 lbs. (19,960 kgs)
Wheels:	15" (38 cm) Wide, 44" (112 cm) Diameter Solid Rubber Tires
Posi-Tru™ Ground Clearance:	~ 20" (~51 cm) to Bottom of Axle
Main Frame:	4" x 8" (10 cm x 20 cm) Rectangular Tubing
Drawbar:	3" x 4" (7.6 cm x 10 cm) Rectangular Tubing 10,000 lbs. (4,536 kgs) Adjusting Winch 85,000 lbs. (38,555 kgs) Tow Ring
Nozzles:	15° Flat Spray 25° Flat Spray 50° Flat Spray 25° Low Flow Flat Spray Long Distance Solid Stream
Miscellaneous:	Nozzle Storage Box Nozzle Rinse Bucket Scraper Grease Gun Recirculation Hose Clean Off Hose
Options:	Skid Mounted Unit Hose Reel & Extension Hose Night Application Light Package Bulk Sack Lifting Crane

Revised 8/15/2019