

Carolina Environmental Systems, Inc.
306 Pineview Drive, Kernersville, NC 27284
2701 White Horse Road, Greenville, SC 29611
500 Lee Industrial Blvd, Austell, Ga 30168
Phone: 800-239-7796
336-904-0952

QUOTE

July 3, 2024
Town of Knightdale
Attention: Mr. Larry Johnson

Dear Larry,

CES appreciates the opportunity to quote you the following via NC Sheriff's Contract # 24-08-0421R:

One (1) Pac Mac Model RL-8 eight cubic yard rear loading refuse body complete with all standard specifications and with the following optional items:

- Hot shift PTO and pump with overspeed control
- Factory mounting and paint
- Body undercoating
- Factory single cart tipper hydraulics with one (1) Diamondback Products Model 500 cart tipper
- Multi-function rear strobe lights
- CES rear camera system
- Hopper work light
- Shovel and broom holder on passenger side tailgate
- Mud flaps with anti-sail mount in front of rear axle
- One-piece flat body floor (non-trough style)
- Interchangeable packer and slide cylinder
- Emergency stops on curb side
- Fast cycle time system
- Hopper sill extension

All as per the above and mounted on one (1) 2024 Isuzu NRR cab/chassis complete as per the enclosed specifications

Sales Price: \$146,986

FOB: Your Yard
Delivery: Approximate delivery for Q3 2024, subject to prior sale

We sincerely appreciate the opportunity to submit the above quotation. If we may answer any questions or be of service to you in any way, please do not hesitate to contact us at: 1-800-239-7796.

Sincerely,
Ben Taylor, Carolina Environmental Systems

Bid Award

Contract: 24-08-0421R, Heavy Equipment

Group: Bodies

Item: 321, Pac Mac/Hol Mac, Rearloader - Mini, 8 yard

Zone	Vendor	Price	Percent (Taken off MSRP for base price)	Percent (Taken off MSRP for options)	Build File	Options File
Nationwide	Carolina Environmental Systems, Inc	\$100,010.90	6.00%	6.00%	Build	Options



Pac-Mac Rear Loader Mini-8 Cubic Yard

ALL ITEMS FACTORY INSTALLED UNLESS OTHERWISE INDICATED

Base Body

- One piece flat floor
- Curved shell body
- Fast cycle time
- Meets or exceeds ANSI standards
- Wide open accessibility for cleaning and maintenance
- Automatic latches and integrated tailgate props
- The industry's highest standard for hydraulic cleanliness
- LED lighting, weatherproof connections and braided loom
- Dual Amber oval rear strobes
- Heat-treated pins and replaceable bushings throughout
- Large access door with safety interlock
- Emergency stop on curbside
- Driver alert buttons on both sides
- Sectional valves
- Slide and Packer cylinders are interchangeable



pac-mac



RL SERIES

***CARRIES THE LOAD OF THE
SOLID WASTE INDUSTRY***

World class manufacturing combined with cutting-edge technology perfectly crafts a superior product: The Pac-Mac® RL Series. The innovative RL Series is engineered using the most advanced computer modeling systems. The Pac-Mac RL Series proves that Pac-Mac is committed to providing the highest quality products in the solid waste industry and can be mounted on a non-CDL chassis. DO IT RIGHT with Pac-Mac.

HGACBuy™
THE SMART PURCHASING SOLUTION

QUALITY SYSTEM CERTIFIED

FOR MORE INFORMATION VISIT WWW.PAC-MAC.COM

RL SERIES

TECHNICAL DATA AND SPECIFICATIO

MODEL

	RL6	RL8	RL10
Capacity	6 yd ³	8 yd ³	10 yd ³
Hopper capacity	1 yd ³	1 yd ³	1 yd ³
Body weight (body shell only)	2,537 lb	2,917 lb	3,391 lb
Body weight (complete unit, less options)	7,235 lb	7,680 lb	8,120 lb
Hopper inside width	66.3"	66.3"	66.3"

BODY SPECIFICATIONS

	RL6	RL8	RL10
Sidewalls (curved shell)	10 ga high tensile steel	10 ga high tensile steel	10 ga high tensile steel
Floor (single sheet, flat)	7 ga high tensile steel	7 ga high tensile steel	7 ga high tensile steel
Roof (curved shell)	10 ga high tensile steel	10 ga high tensile steel	10 ga high tensile steel
Ejection panel face	10 ga high tensile steel	10 ga high tensile steel	10 ga high tensile steel
Hopper	3/16" 100 ksi T-1 [1/4" T-1 option]	3/16" 100 ksi T-1 [1/4" T-1 option]	3/16" 100 ksi T-1 [1/4" T-1 option]
Packer panel face	3/16" T-1 steel	3/16" T-1 steel	3/16" T-1 steel
Slide panel face	3/16" high tensile steel	3/16" high tensile steel	3/16" high tensile steel
Hopper sides	3/16" T-1 steel (lower tailgate); 10 ga high tensile steel (upper tailgate)	3/16" T-1 steel (lower tailgate); 10 ga high tensile steel (upper tailgate)	3/16" T-1 steel (lower tailgate); 10 ga high tensile steel (upper tailgate)

HYDRAULIC SYSTEM

	RL6	RL8	RL10
Cylinders	-	-	-
Ejector	Single-stage 4.5" bore	2-stage 4.5" bore	2-stage 4.5" bore
Tailgate	(2) 3.5" bore; 2" rod; 20" stroke	(2) 3.5" bore; 2" rod; 20" stroke	(2) 3.5" bore; 2" rod; 20" stroke
Slide	(2) 3.5" bore; 2" rod; 19" stroke	(2) 3.5" bore; 2" rod; 19" stroke	(2) 3.5" bore; 2" rod; 19" stroke
Packer	(2) 3.5" bore; 2" rod; 19" stroke	(2) 3.5" bore; 2" rod; 19" stroke	(2) 3.5" bore; 2" rod; 19" stroke
Valves	-	-	-
Shutoff	Ball	Ball	Ball
Packing controls	Sectional spool	Sectional spool	Sectional spool
Ejector/tailgate raise	Sectional spool	Sectional spool	Sectional spool
Operating pressure in PSI	2,400	2,400	2,400
Maximum operating pressure	2,700	2,700	2,700
Gallons per minute (GPM)	21 GPM	21 GPM	21 GPM
Reservoir	30 gal.	30 gal.	30 gal.
Packing cycle time	-	-	-
Complete	15-17 sec	15-17 sec	15-17 sec
Reload	3 sec	3 sec	3 sec
Compaction rate in lb/yd	700-800	700-800	700-800

CHASSIS REQUIREMENTS

	RL6	RL8	RL10
Minimum GVWR	17,000 lb	19,500 lb	25,000 lb
Minimum GAWR	-	-	-
Front axle	4,500	5,000	8,000
Rear axle	12,000	14,500	17,000
Usable CA	84-86"	108" (+/- 2in)	134-138"
Minimum after frame	36"	36"	36"

STANDARD FEATU

- One piece flat floor
- Curved shell body
- Fast cycle time
- Meets or exceeds ANSI stand
- Wide open accessibility for cl and maintenance
- Automatic latches and integr tailgate props
- The industry's highest stand hydraulic cleanliness
- LED lighting, weatherproof connections and braided loo
- Dual Amber oval rear strobes
- Heat-treated pins and replac bushings throughout
- Large access door with safet interlock
- Emergency stop on curb side
- Driver alert buttons on both e
- Sectional valves

OPTIONAL EQUIPM

- Single cart tipper
- Reeving system: Winch type
- Kick bar and container latche (38" minimum chassis height)
- Front-mounted pump
- Amber or clear beacon rear s (single or dual)
- Amber oval flush mount strok (front and/or rear)
- Smart light strobe system (m combined with amber ovals)
- Rear vision camera
- Work lights over hopper and tailgate sides
- Frame mounted water cooler
- Frame mounted tool box
- Emergency stop on street sic
- Pressure gauge
- Tool Holder
- Hyper Hopper (34" max chass height only)



Pac-Mac Rear Loader Mini-8 Cubic Yard

OPTION PRICES ARE GIVEN BY PAC-MAC AT TIME OF QUOTE

Optional Items:

- Single cart tipper
- Reeving system: Winch type
- Kick bar and container latches (38" minimum chassis height only)
- Front-mounted pump
- Amber or clear beacon rear strobes (single or dual)
- Amber oval flush mount strobes (front and/or rear)
- Smart light strobe system (may be combined with amber ovals)
- Rear vision camera
- Work lights over hopper and tailgate sides
- Frame mounted water cooler
- Frame mounted toolbox
- Emergency stop on street side
- Pressure gauge
- Tool holder
- Hyper hopper (34" max chassis height only)

North Carolina Sheriffs' Association
2024-2025 Heavy Equipment Awarded Vendors
Bid 24-08-0421R & Bid 25-09-0423
(Effective May 18th, 2024 - May 17th, 2025)

BID 24-08-0421R		POINT OF CONTACT	EMAIL ADDRESS	OFFICE PHONE	MOBILE PHONE	FAX NUMBER	ADDRESS
AWARDED VENDOR							
Adkins Truck Equipment Co.	Dick McDermott	dickm@adkinste.com	(704) 596-2299	(704) 654-7853	(704) 598-7207		11336 Reames Road
Adkins Truck Equipment Co.	Dale Dickson	daled@adkinste.com	(704) 596-2299	(704) 351-7012	(704) 598-7207		11336 Reames Road
All Traffic Solutions, Inc.	Max Wicklein	mwicklein@alltrafficsolutions.com	(704) 992-7575	(571) 321-5452	(814) 237-9006		14201 Sullyfield Circle, Suite 300
All Traffic Solutions, Inc.	Carrie Fedders	cfedders@alltrafficsolutions.com	(866) 366-6602 x 308	(571) 321-5446	(814) 237-9006		14201 Sullyfield Circle, Suite 300
All Traffic Solutions, Inc.	Melissa Millis	mmillis@alltrafficsolutions.com	(866) 366-6602 x 333	(571) 321-5443	(814) 237-9006		14201 Sullyfield Circle, Suite 300
All Traffic Solutions, Inc.	Kabir Uddin	kuddin@alltrafficsolutions.com	(866) 366-6602 x 337	(571) 321-3133	(814) 237-9006		14201 Sullyfield Circle, Suite 300
American Scale Company LLC	Chris Hartman	chrishartman@americanscaleus.com	(704) 921-4556	(704) 223-0451	(704) 921-4552		7231 Cove Creek Drive
American Scale Company LLC	Michael Brown	michaelbrown@americanscaleus.com	(704) 921-4556	(252) 245-0630	(704) 921-4552		7231 Cove Creek Drive
Amick Equipment Co., Inc.	Ryan Amick	ryan@amickequipment.com	(800) 922-3795	(803) 727-7265	(803) 359-1428		227 Glassmaster Road
Amick Equipment Co., Inc.	David Urmston	durmston@amickequipment.com	(800) 922-3795 x 3240	(919) 628-3846			227 Glassmaster Road
Amick Equipment Co., Inc.	Matt Garon	m.garon@amickequipment.com	(800) 922-3795	(919) 414-4659			227 Glassmaster Road
AQUIP, LLC	Anna Johnson	anna@aquipco.com	(803) 328-7262	(478) 837-2662			1890 Neelys Creed Rd.
AQUIP, LLC	Franz Coquilla	franz@aquipco.com					1890 Neelys Creed Rd.
AQUIP, LLC	Peter Berko	peter@aquipco.com		(919) 817-5806			1890 Neelys Creed Rd.
AQUIP, LLC	Accounting - Avery Bicscher	accounting@aquipco.com	(803) 328-7262	(706) 850-5886			1890 Neelys Creed Rd.
Atlantic Power Solutions Inc	Jacob Petty	jacob@apsgenco.com	(919) 837-2959	(478) 837-2662			12635 Highway 421 S.
BBA Pumps	Justin Booth	jbooth@bbapumps.com	(843) 849-3676	(843) 614-7212			7222 Cross Park Drive
BBA Pumps	Matt Hickey	mhickey@bbapumps.com	(843) 849-3676	(843) 826-5563			7222 Cross Park Drive
Bergkamp, Inc.	Jimmy Kendrick	jimmyk@bergkampinc.com	(785) 825-1375	(601) 408-4330	(785) 825-4269		3040 Emulsion Drive
Bergkamp, Inc.	Jennifer Straus	jennifers@bergkampinc.com	(785) 825-1375	(254) 717-3664	(785) 825-4269		3040 Emulsion Drive
Bush Hog LLC	Marc Ivey	marc.ivey@bushhog.com			(334) 874-2701		2501 Griffin Avenue
Bush Hog LLC	Seth Hartings	seth.hartings@bushhog.com	(704) 929-1527	(704) 929-1527	(334) 874-2701		2501 Griffin Avenue
Bush Hog LLC	Frank Hartings	frank.hartings@bushhog.com	(828) 228-1852	(828) 228-1852	(334) 874-2701		2501 Griffin Avenue
Carolina Environmental Systems, Inc	Maxwell Taylor	mtaylor@cesrefuse.com	(336) 869-9900	(336) 650-2124	(336) 904-0952		306 Pineview Drive
Carolina Environmental Systems, Inc	Ashley Wiles	awiles@cesrefuse.com	(336) 869-9900	(336) 817-0400	(336) 904-0952		306 Pineview Drive
Carolina Environmental Systems, Inc	Ben Taylor	btaylor@cesrefuse.com	(336) 869-9900	(336) 480-5643	(336) 904-0952		306 Pineview Drive
Carolina Environmental Systems, Inc	Matt Keeble	mattkeebble@bellsouth.net	(336) 869-9900	(704) 238-8471	(336) 904-0952		306 Pineview Drive
Carolina Environmental Systems, Inc	Bob O'Hara	bob@ciequipment.com	(704) 588-4522	(704) 497-0455	(704) 588-2592		4315 Taggart Creek Road
Carolina Industrial Equipment LLC	Rob Marrapode	rob@ciequipment.com	(704) 588-4522	(704) 488-2929	(704) 588-2592		4315 Taggart Creek Road
Carolina Industrial Equipment LLC	Steve Brinkel	steve@ciequipment.com	(704) 588-4522	(980) 417-3058	(704) 588-2592		4315 Taggart Creek Road
Carolina Industrial Equipment LLC	Johnathan Smith	jsmith@ciequipment.com	(704) 588-4522	(980) 416-1256	(704) 588-2592		4315 Taggart Creek Road
Carolina Industrial Equipment LLC	Mary B. Seiders	mbs@sweeperland.com	(717) 737-7162		(704) 588-2592		4315 Taggart Creek Road
Carswell Distributing Company	Andrew Moss	amoss@carswelldist.com	(678) 951-5732	(678) 951-5732	(336) 767-8802		3750 North Liberty Street
Carswell Distributing Company	Robert Parsley	rparsley@carswelldist.com	(336) 744-2208		(336) 767-8802		3750 North Liberty Street
Carswell Distributing Company	Vicki Moore	vmoore@carswelldist.com	(336) 767-7700		(336) 767-8802		3750 North Liberty Street

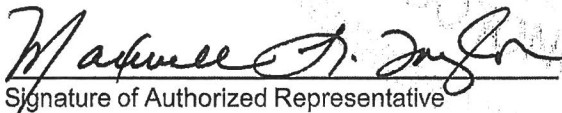
**North Carolina Sheriffs' Association
Heavy Equipment Procurement Program
Contract Award Agreement**

**Heavy Equipment Procurement Program
Bid 24-08-0421**

We are pleased to announce the North Carolina Sheriffs' Association has successfully completed its statewide competitive award for heavy equipment. All local government units are eligible to utilize this competitively bid contract while keeping with their local governing purchasing ordinances. Bid 24-08-0421 will be effective May 18, 2023 through May 17, 2024.

Congratulations, your company has been included on the Association's price sheet contract controlled by the North Carolina Sheriffs' Association's Solicitation for Bids and Contract Terms and Conditions.

By the award of this contract based on your company's bid for Solicitation Number 24-08-0421, all terms and conditions set forth in the Solicitation for Bids and Contract Terms and Conditions are incorporated herein by reference and agreed to by the Contractor and the North Carolina Sheriffs' Association.


Signature of Authorized Representative

Maxwell L Taylor

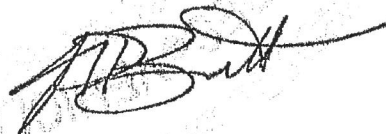
Printed Name of Authorized Representative

Carolina Environmental Systems, Inc

Contractor/Vendor Name (Please Print)

May 18, 2023

Date



Signature of NCSA Contract Administrator

Jason D. Bennett

Printed Name of NCSA Contract Administrator

May 18, 2023

Date



**North Carolina Sheriffs' Association
Heavy Equipment Procurement Program
2024-2025 Rollover Agreement
Bid 24-08-0421R**

The North Carolina Sheriffs' Association (NCSA) has implemented Section 1.3 *Term of Contract* of the Association's Terms and Conditions. Upon mutual agreement, we are pleased to announce the NCSA has extended your contract for one additional year. NCSA Heavy Equipment Bid 24-08-0421R will be effective May 18, 2024, through May 17, 2025.

By the award of this contract based on your company's bid for Solicitation Number 24-08-0421R, all terms and conditions set forth in the Solicitation for Bids and Contract Terms and Conditions are incorporated herein by reference and agreed to by the Contractor and the North Carolina Sheriffs' Association.

X Maxwell Taylor

Signature of Authorized Representative

X MAXWELL TAYLOR

Printed Name of Authorized Representative

X Carolina Environmental Systems, Inc

Contractor/Vendor Name (Please Print)

X November 17 2024

Date

X

Signature of NCSA Contract Administrator

X

Printed Name of NCSA Contract Administrator

X

Date