

CITY OF TUPELO

One (1) New Leaf/Litter Collection Truck

Bid Specification

Price of Equipment

Lot Start Date / Time

Nov 17, 2022 10:30 AM US/Central

Lot End Date / Time

Nov 17, 2022 11:00 AM US/Central

Lot Duration 00:30 [hh:mm]



One (1) New Leaf/Litter Collection Truck

Company	Bid Amount	Bidding Date / Time	IP Address
		Nov 17, 2022 10:31:00 AM US/Central	
Vacuum Truck Sales and Serv	\$ 289,925.76 USD	Nov 17, 2022 10:30:54 AM US/Central	96.91.73.194

Delivery Lead Time - (Number of Days)

Company	Days to Delivery	Bidding Date / Time	IP Address
NAME OF THE PARTY		Nov 17, 2022 10:31:00 AM US/Central	65.183.105.171
Vacuum Truck Sales and Serv	365 Days	Nov 17, 2022 10:30:54 AM US/Central	96.91.73.194

Pac-Mac

25 CY CHASSIS-MOUNTED LEAF VACUUM

POWER UNIT:

74 HP 4 cvl. Turbo-diesel Tier 4 Engine

In-cab instruments and controls include: On/Off/Start, Throttle, voltmeter, tachometer, hour meter, water temperature and oil pressure with safety shut off.

30 gallon fuel tank

Water separator and fuel filter.

SUCTION IMPELLER AND HOUSING

Suction Impeller - 32" diameter with six 3/8" thick T-1 blades.

Impeller shaft - 2.5" diameter keyed

Impeller housing has replaceable T-1 steel liners.

Impeller housing is constructed of 3/16" high tensile steel, fully welded.

Impeller housing has a hinged inlet to allow inspection and maintenance without the need for tools.

Hinged inlet is equipped with a safety interlock switch to prevent impeller engagement when the inlet is open.

Hydraulic drive offers smooth engine to fan coupling eliminating the need for clutches or belt drives thus no maintenance for clutches or belt drives.

HOPPER

Gross capacity - 25 cubic yards

Constructed of 12 gauge High tensile steel.

Top tray style exhaust screens can be removed for cleaning without tools.

Single, top-hinged bubble door, hydraulically operated with in-cab control.

A safety interlock on the boom prevents dumping with the boom in the hopper-mounted cradle.

An audible alarm as well as an in-cab light is activated whenever the door is unlatched.

Two double-acting tilt cylinders dump the rear-hinged hopper to an angle of 52°.

SUCTION HOSE AND BOOM

Boom - Right side mounted 3 axis, hydraulic.

In-cab operation (All functions.)

Rotation is accomplished by a hydraulic motor w/gearbox.

Main boon and tip boom are actuated by hydraulic cylinders.

Boom support is hopper-mounted for transit. Safety interlock prevents dumping the hopper with the boom in transit position.

The boom is controlled with a multi-function joystick mounted in the cab.

Suction Hose - 16" diameter by 12 foot long wire reinforced flexible urethane with a reinforced steel nozzle that is attached below the boom with a multi-axis steel linkage.

HYDRAULIC SYSTEM

All hydraulic functions are powered by a PTO driven gear pump.

All cylinders and valves have SEA o-ring boss ports.

All cylinders are rated at 3,000 psi working pressure.

All cylinders have chrome rods.

Tailgate cylinders are equipped with restrictors to limit the lowering speed of the tailgate in the event of a sudden loss of fluid pressure.

All hoses are rated 4,000 psi working pressure with 4:1 burst.

A 50 gallon steel reservoir is equipped with a 10 micron cartridge return filter, and a 100 mesh suction filter.

The hydraulic reservoir is equipped with a ball type shut-off valve and a magnetic drain plug.

System must meet an ISO cleanliness standard of 20/18/13

LIGHTING AND ELECTRICAL

All lighting is LED, grommet-mounted, and meets FMVSS-108 standards.

Dual LED strobes front and rear

Backup alarm

Rear door open alarm with an audibly different tone than the reverse alarm.

Rear door open warning light at control panel in cab.

All wiring is color coded and protected by loom.

All electrical connectors are weatherproof automotive type.

The leaf collector has its own fuse block.

Back-up camera with 7" monitor.

PAINT

All steel surfaces are cleaned and pretreated with a phosphate solution.

All steel surfaces are coated with two coats of self-etching epoxy primer.

Two finish coats of polyurethane enamel are applied.

Mechanical components are black.

Hopper (body) is gloss white or optional custom color.

Conspiculty tape shall be applied per ANSI Z245 requirements.

RECOMMENDED CHASSIS

Cab to axle (CA)- 168 in. (25CY) Minimum after frame- 40 in. Front axle-12 K Rear axle-21 K

GVW-33 K

Frame strength-110,000 psi

Dual or right hand steering for curbside view during operation



REQUEST FOR PROPOSALS

Un-Priced Technical Responses

To provide

ONE (1) NEW LEAF/LITTER COLLECTION & COMPACTION UNIT BID # 2022-043PW

A Reverse Auction Event For City of Tupelo, Mississippi

Hosted By:



Publication Dates: October 21, 2022 and October 28, 2022

BID Response Deadline: November 10, 2022 at 2:00 PM

Reverse Auction Date: November 17, 2022 at 10:30 AM

ADVERTISEMENT FOR PROPOSALS

The City of Tupelo is seeking un-priced technical proposals from equipment dealers for:

ONE (1) NEW LEAF/LITTER COLLECTION & COMPACTION UNIT BID # 2022-043PW

Deadline for receipt of un-priced technical proposals is **November 10**, **2022 at 2:00 PM**, Central Standard Time at City Hall, 71 East Troy Street, Tupelo, Mississippi 38804. Bidders may also submit responses electronically at www.tupelomsbids.com

Pursuant to MS Code 31-7-13 and House Bill 1109, this commodity will be procured through a multi-step procurement process, including a Reverse Auction. In Phase One, un-priced technical proposals are evaluated for potentional acceptability based upon pre-determinted criteria. In Phase Two, only those bidders whose technical proposals are determined acceptable shall be invited to provide priced bids for consideration. City of Tupelo encourages vendor participation in this multi-step process. Complete instructions are provided in the specifications package.

Specifications and detailed instructions regarding the bid process may be obtained by visiting the website www.tupelomsbids.com. Specification response forms, along with all other required information detailed in the bid instructions should be submitted no later than November 10, 2022 at 2:00 PM per the detailed bid instructions. Un-priced Specification Response submissions will be evaluated, and vendors meeting the required specifications will be invited to participate in the Electronic Reverse Auction process on November 17, 2022 at 10:30 AM CST. Approved vendors will be given detailed instructions regarding the reverse auction. The City of Tupelo reserves the right to extend the auction date if necessary, to complete the pre-qualification process. For any questions relating to the electronic submittal or reverse auction process, please call PH Bidding Group at 662-407-0193.

The City of Tupelo is an equal opportunity employer and hereby notifies all bidders that it will affirmatively insure that, in any contract entered unto pursuant to this advertisement, minority business enterprises will be afforded full opportunity to submit bids in response to this invitation and will not be discriminated against on the grounds of race, color, sex, age, disability or national origin in consideration for an award.

The City of Tupelo reserves the right to reject any and or all bids, waive technicalities, informalities or irregularities in the bids received, solicit new bids or to choose that bid which is deemed to be in the best interest of the City of Tupelo.

Jennifer Shempert Purchasing Agent

Publishing Dates: October 21, 2022 and October 28, 2022

(PHASE ONE OF A MULTI-STEP PROCUREMENT PROJECT)

ONE (1) NEW LEAF/LITTER COLLECTION & COMPACTION UNIT BID # 2022-043PW

I. GENERAL

The City of Tupelo will accept un-priced proposals for pre-qualification until **November 10, 2022 at 2:00 PM**, Central Standard Time, at City Hall, 71 East Troy Street, Tupelo, Mississippi 38804. If City Hall is closed for business at the time of the deadline, proposals will be accepted and opened on the next business day of the City, at the originally scheduled hour.

The un-priced specification responses may also be submitted electronically at www.tupelomsbids.com. The responses will be evaluated, and vendors meeting the required specifications will be invited to participate in the online reverse auction process on November 17, 2022, at 10:30 AM, Central Standard Time. All un-priced proposals must be equal in performance and quality to the specifications.

II. UN-PRICED TECHNICAL RESPONSE INFORMATION:

There are several documents to submit in order to be considered for invitation to participate in the Reverse Auction and possible award on this project. Responses shall contain the following documentation at a minimum. SEE INSTRUCTIONS, FORMS & CHECKLISTS PROVIDED ON THE FOLLOWING PAGES.

Pricing will only be accepted through online reverse auction by approved responders per the instructions provided. It is understood that bidders who submit responses have read, understood and accepted these specifications as written, and by submitting a proposal, agree to meet the specifications as written. The City of Tupelo is a Tax-Exempt Government Entity.

To be considered, un-priced technical responses must be signed by an owner or authorized officer or manager of the bidding company. It is the bidder's responsibility to ensure timely and complete responses are received with all required documentation included. Late and/or incomplete proposals will not be considered, however clarification or additional information may be requested by the city.

If you are selected to receive an invitation to provide priced bids, complete instructions for submitting priced bids shall be provided in the invitation.

III. QUESTIONS

Failure to examine any specifications and instructions will be at the bidder's risk. All procedural and technical questions, or if the attached specifications are incomplete, not clear, or not standardized, shall be made in writing and addressed to the following.

General questions regarding this request should be directed to Jennifer Shempert, Purchasing Agent, at the City of Tupelo Purchasing Department, 71 East Troy Street, Tupelo, MS 38804. The phone number is 662-841-6456. Email: Jennifer.shempert@tupeloms.org. For questions concerning the technical specifications, prospective bidders may contact Chuck Williams at Tupelo Water & Light Department. The phone number is 662-841-6463. Email: chuck.williams@tupeloms.gov

For questions regarding obtaining bid documents or regarding the online reverse auction process, prospective bidders may contact Cory Dewett with PH Bidding Group at 662-407-0193. Email: cory@phbidding.com

No oral explanations by any member of the City of Tupelo staff will be binding. Receipt of addenda must be acknowledged in writing. Submitting vendors shall be responsible for ensuring that they have received any and all addenda. All addenda will be posted at www.tupelomsbids.com and sent to everyone that has downloaded original bid documents from the website.

IV. RESPONSE OPENING

Proposal openings, whether electronic or traditional paper method, shall be conducted any time after they are received and shall be conducted by at least two procurement officials. From that point forward, proposals will be considered under advisement. The City of Tupelo may conduct written or oral discussions with potential bidders.

The City of Tupelo reserves the right to determine responsive offers or proposals, waive minor informalities in the process, to reject any and all offers or proposals, and to invite priced bids from those companies believed most advantageous to the City.

V. OTHER

THIS IS A MULTI-STEP PROCUREMENT PROJECT TO BE COMPLETED IN TWO SEPARATE PHASES.

- Phase One is the solicitation and receipt of un-priced technical proposals for consideration. Deadline for receipt of technical proposals is 2:00 PM on November 10, 2022.
- Phase Two is the Reverse Auction Event in which bidders will provide priced bids for the equipment requested, based upon their approved technical proposal. If your un-priced technical proposal is approved as acceptable, you will be invited to enter the Reverse Auction Event and given detailed instructions by PH Bidding Group. PH Bidding Group can be contacted at 662-407-0193 or via email at cory@phbidding.com
- Reverse Auction is an auction event in which bidders submit pricing in a decreasing manner. In PH Bidding Group's Reverse Auctions, all bidders will be able to see their ranking in the bid process and will have the opportunity to lower their bid as often as possible if they see fit. Bidders cannot see the pricing of other bidders or who they are bidding against.
- The reverse auction will begin on **November 17**, **2022 at 10:30 AM CST**. The reverse auction will be set for a 30-minute time slot. Any bids submitted within the last 3 minutes of the bid will extend the bid time by an additional 3-minute extension and will continue until 3 minutes have gone by without a bid. At that point, the auction will end.
- More information regarding the live Reverse Auction event will be provided to the approved bidders in the invitation to participate.

VI. SPECIFICATION CLARIFICATION

It is the intent of these specifications to obtain a lighting system that will adequately meet the needs of the The City of Tupelo while promoting the greatest extent of competition that is practicable. In no way are these specifications intended to exclude vendors that can meet or exceed the intended purposes. Unless specifically stated; brand names, model and part numbers used in this request are used for the sole purpose of setting a desired standard and are not intended to limit or restrict any vendor from offering equivalent components that the vendor feels best meets the needs of the City of Tupelo. It is the responsibility of the prospective bidder to review the entire Bid packet and to notify PH Bidding if the Specifications are formulated in a manner which would unnecessarily restrict competition. The City of Tupelo will decide based on the LOWEST and BEST products offered by the bidding participants.

VII. RESPONSE SUBMISSION INSTRUCTIONS

The following information applies to all responses. The documents listed below must be included in your proposal, whether submitted by envelope or by electronic method. **Electronic submission at www.tupelomsbids.com** is the preferred method for receiving responses.

1. UN-PRICED RESPONSE SUBMISSION BY SEALED ENVELOPE:

Prior to the deadline for receipt of un-priced technical responses, deliver your sealed envelope, marked as shown, to the City of Tupelo Purchasing Department, 71 East Troy Street, Tupelo, MS 38804. The envelope must be clearly marked with the Bidder's name and address on the outside and the following in the lower left corner:

UN-PRICED TECHNICAL PROPOSAL FOR
ONE (1) NEW LEAF/LITTER COLLECTION AND COMPACTION UNIT
BID # 2022-043PW
RESPONSES DUE BY: NOVEMBER 10, 2022 at 2:00 PM

2. UN-PRICED RESPONSE SUBMISSION BY ELECTRONIC MEANS:

Log-in at www.tupelomsbids.com and perform the following steps:

- A. Scan in all required documentation as a pdf file.
- B. On the left side of the webpage, click on "Public bids".
- C. Click on the appropriate bid that you will be participating in.
- D. Click on the "Submit Bid" tab.
 - 1. Fill in your profile information (or check for accuracy id auto populated).
 - 2. Under the "PDF Attachments section" Drag and drop your pdf file into the box as outlined or click on the "click here" link inside the submission box to find your file.
 - 3. Under the "Review and Verify" section, click the box agreeing to the terms and conditions.
 - 4. Click "Submit" when you are ready to submit your file.
 - 5. You will receive confirmation when your response has been submitted. If you do not receive a response, your submission has not been received. If you have questions about whether the response was received, you can contact cory@phbidding.com or call 662-407-0193.
- E. One submitted and the solicitation period has ended, The City of Tupelo will review all solicitations, and all approved bidders will be contacted and given full instructions and details to take part in the reverse auction process once it begins. Note: The reverse auction will take place at https://phbidding.procureport.com. Separate registration for usage to the reverse auction site is required. If you are approved to participate in the reverse auction, detailed instructions will be sent to you.

The bid submission can be redacted at any time prior to the bid opening time.

The following items should be included in the envelope or scanned in and included with your digital response:

- A. Submission Cover Letter (Form A)
- B. Completed Response Form (Form B)
- C. Product Brochures
- D. Warranty Information
- E. PH Bidding Supplier Agreement
- F. Any other information vendor would like for the City of Tupelo to consider

FORM A

Submission Cover Letter For Un-priced Technical Proposal

ONE (1) NEW LEAF/LITTER COLLECTION AND COMPACTION UNIT Bid # 2022-043PW

The undersigned proposes to provide one (1) 2022/2023 LEAF/LITTER COLLECTION AND COMPACTION UNIT as per the specifications provided by the City of Tupelo and the subsequent proposal from the bidder named below.
If, after reviewing all vendor submissions, the City of Tupelo decides to invite your company, HOL-MAC Inc. (your company name), to submit priced bids
we agree to participate in the reverse auction, which will take place on November 17 , 2022 at 10:30 AM CST . We understand that pricing will only be accepted through the electronic reverse auction process. (Detailed instructions regarding the reverse auction process will be emailed to all approved vendors.)
It is understood that we have only one opportunity to submit an un-priced technical proposal. We affirm that we have read and understood this request this request for un-priced technical proposals and understand that Phase Two must be completed before the items are awarded. We understand that any missing information or documents required by the BIE may be cause for rejection of the proposal.
We acknowledge that the City of Tupelo has the sole discretion and authority to determine whether our proposed commodit meets the specifications issued and also if it will meet the requirements and needs of the City of Tupelo Water & Light Department in performing their assigned daily tasks. We understand that the City of Tupelo may or may not invite our participation in Phase Two (REVERSE AUCTION – Priced Bids) of this procurement.
We agree to abide by the terms and conditions of the PH Bidding Group Supplier agreement and understand that an questions regarding the agreement or the bid process should be directed to 662-407-0193 or cory@phbidding.com .
If we are invited by the City of Tupelo to participate in Phase Two (REVERSE AUCTION – Priced Bids) of this procurement the invitation should be directed to:
Printed Name: Manuel Shows
Title: Sales
Company Name: HOL-MAC Inc.
Email: shows.manuel@hol-mac.com
Phone: 601-764-7050
Filorie.

FORM B

SPECIFICATION RESPONSE FORM

ONE (1) NEW LEAF/LITTER COLLECTION AND COMPACTION UNIT Bid # 2022-043PW

The undersigned proposes to furnish provide **ONE (1) NEW LEAF/LITTER COLLECTION AND COMPACTION UNIT** which meets the specifications provided. The undersigned certifies that the minimum specifications, terms and conditions contained in this BID have been considered and understood. By submitting a proposal, I/We do certify that the commodities offered do meet the specifications contained in this Invitation to Bid.

Please check '✓' each line item - confirming specifications listed will be met.

	GENERAL SPECIFIC			
TEM		ACKNOV YES	NO	OFFERED
#		152	NO	(IF VARIANCE)
1	CHASSIS		1	
1.1	Truck Chassis must comply with federal specifications for safety and operation, State Laws and Federally mandated weight standards.	X		
2.1	Truck shall have (1) fuel tank, minimum 50-gallon capacity. Fuel tank shall be easily accessible without raising or shifting any components. A fuel gauge, in cab, shall be supplied.	X		
3.1	Unit shall have a maximum height of 10-8" including the top of the exhaust stack	X		
2	ENGINE		22	
2.1	Engine shall be a 6-cylinder diesel that is 6.7 liter or larger. Minimum 260 HP	Х		
2.2	The cooling system shall be protected to -34°F.	X		
2.3	Engine shall be equipped with air cleaner with safety element, spin-on fuel filter, full flow oil filter, and heated fuel/water separator	x		
2.4	The engine shall be equipped with an engine hour meter	Χ	The second secon	
3	TRANSMISSION	,		
3.1	The chassis shall have an Allison 3500 RDS (Rugged Duty Service) automatic transmission. The transmission shall have a minimum of five (5) speeds forward and one (1) speed reverse.	X		
3.2	Transmission shift patterns shall be illuminated for night use.	x		
4	AXLES, WHEELS, AND BRAKES			
4.1	Front axle with leaf springs and shock absorbers shall be rated for 12,000 pounds.	X		
4.2	Rear axle with air spring suspension shall be rated for 21,000 pounds.	x		
4.3	Front and rear tires and rims shall all be interchangeable for safety and allow the interchange of tires.	x		
4.4	Rims shall be 8-hole steel hub piloted 22.5 x 8.25.	X		

TEM		ACKNOV	VLEDGE	OFFERED
#		YES	NO	(IF VARIANCE)
4	AXLES, WHEELS, AND BRAKES (Continued)		L	
4.5	Brakes shall be full anti-lock air brakes with automatic			
4.5	slack adjusters. Brake drums shall have dust shields.	X		
16	Air system shall include an air dryer.	Χ		
4.6	Parking brake shall be spring applied rear wheel drum	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
4.7	and shoe.	Χ		
pro	CAB			
5	Steering shall be full power with dual operator controls.			
5.1	Left hand steering column shall have tilt steering wheel			
ge en Santiere	feature. Right hand steering column shall be fixed (not tilt			
	wheel).	Χ		
5.2	Dual steering stations shall have throttle pedals, brake			
5.2	pedals and turn signals with dual dash instrumentation			
	(includes: speedometer, tachometer, air brake system			
	pressure, voltmeter, engine coolant temperature gauge,			
	fuel level gauge, oil pressure gauge, and engine intake	X		
	heater light) on at each operator's station.	^		
5.3	Each operating position shall have its own steering	V		
0.0	column and wheel.	X		
5.4	Unit shall include two (2) outside west coast type mirrors	Х		
J.T	with lower 8-inch convex lens.	^		
5.5	Switches shall be clearly identified.	Χ		
5.6	Cab interior environment shall be fully air-conditioned			
0.0	including a fresh air heater/ventilator/defroster. Controls	X		
	shall be accessible from both sides of the cab.	^		
5.7	Windshield wipers shall be two speed with intermittent	X		
0.,	feature and windshield washers.			
5.8	Cab shall have a rear window to provide visibility of	X		
0.0	packer			
5.9	Cab shall include an AM/FM radio.	X		
5.10	Cab doors shall be double wall with weather seal around			
0	door edges.	X		
5.11	Cab doors shall have power window for passenger side	X		
	and crank widow for the driver's side window.	^		
5.12	Cab doors shall have safety latches with key locks that	X		
Ŭ -	are keyed the same.			
5.13	Cab shall have a dome light.	X		
5.14	Each operator position shall have adjustable sun visor.	X		
5.15	Cab doors shall have arm rests.	X		
	Cab shall have at least one cup holder for use by			
5.16		X		
E 47	operator. Cab shall have an electric fresh air heater, defroster, and			
5.17	air conditioning systems.	X		
	All seats in cab shall be equipped with seat belts	X		

TEM		ACKNOV	VLEDGE	OFFERED
#		YES	NO	(IF VARIANCE)
6	ELECTRICAL SYSTEM			
6.1	Vehicle lighting must meet all DOT standards.	Χ		
6.2	Chassis shall have two (2) maintenance free batteries			
0.2	rated at not less than 1500 CCA total, 12 volt.	Χ		
6.3	Chassis engine shall have a 160-amp alternator.			
6.4	Engine fuel level, water temp, oil pressure, voltmeter,		17	
0. 1	speedometer, and tachometer gauges shall be located	V		2 1
	for good vision from both operator positions.	X		
6.5	All wiring circuits shall be protected with either circuit			
	breakers or fuses as determined by the manufacturer	X		
	and must be color coded or numbered.	^		
6.6	Chassis shall have a backup alarm.	Χ		
6.7	Chassis shall have dual halogen headlights.	X		
7	SUCTION FAN SYSTEM			
7.1	Single engine design. Auxiliary engine unit is not		X	74 has Assa Engine
	permissible.			74 hp Aux Engine
7.2	Fan is direct drive with a hydraulic Motor.		X	Engine Driven
7.3	Fan is supported by OHLA that is lubricated and cooled			
	by the hydraulic system		X	
7.4	Fan system is removable so unit can be used for refuse		X	Fixed Unit
	collection.			Tixed Offic
8	SUCTION HOSE SUPPORT BOOM			
8.1	Boom shall be located under the suction hose for better		X	Located Above Hose
	clearance under trees and other obstacles.		<u> </u>	
8.2	Boom to rotate with Hydraulic actuator. No chains	X		
	permitted.		-	
8.3	Boom controlled by a joystick in the cab by the driver of	X		
	the unit			
8.4	Boom mounted to brackets on the side of the body that			
	can also be used to attach a cart flipper when the boom	2000	X	
	is removed. LEAF/REFUSE COLLECTION BODY			
9	The body floor shall be 1 piece and constructed of 3/16"			
9.1	abrasion resistant (AR 400) with a minimum of 360			Annual Control of the
			X	3/16 inch Steel
0.0	Brinell. The body sides and roof shall be curved and shall be			
9.2	constructed of 11-gauge ASTM 715 GR 50 ultimate			
	tensile strength 50,000-PSI sheet steel.		X	Straight
9.3	The body shall be curved and of the side-loading design			
	and the body shall have a capacity of 18 cubic yards, excluding the hopper. The pack panel must extend to the			25 Cubic Yards
	rear of the body to unload the debris. Tip to dump			T' - (- []
	unloading is not acceptable.		X	Tip to Unload
O 4	A neoprene seal shall be incorporated between the			
9.4	tailgate and body to provide a watertight seal for a depth			
	of 9".		X	
9.5	The tailgate shall be released, opened closed and locked			
9.0	with two (2) double acting, 3" bore, hydraulic cylinders			
	from controls located on the LH side of the body behind			

ITEM		ACKNOV	VLEDGE	OFFERED
#		YES	NO	(IF VARIANCE)
10	HOPPER			
10.1	Hopper floor shall be constructed of 3/16" abrasion		V	0/401 1 01 1
, 0	resistant AR 400 having a min. hardness of 360 Brinell.		X	3/16 Inch Steel
10.2	Hopper capacity shall be minimum of one (1) cubic yard.		Х	
11	HYDRAULIC SYSTEM			
11.1	Minimum 35-gallon capacity hydraulic reservoir shall be			
	provided for hydraulic system.	Χ		
11.2	Pump shall be direct drive with one section of the pump			
	dedicated to the packer and the other section Dedicated			
	to the leaf collection system. The pump may be driven by			
	a hot shift PTO or direct drive for pack-on-the-go			N. D. dian Ontion
	capability.		Х	No Packing Option
11.3	Unit shall be equipped with a hydraulic cooling and			
	filtration system with a minimum capacity of 50 gpm.	Χ		
11.4	A suction strainer shall be installed in the hydraulic	V		
	reservoir.	Х		
11.5	A hydraulic fluid level sight gauge shall be installed on	Х		
	the hydraulic reservoir.	^		
11.6	All hydraulic fittings shall be a minimum of 37° JIG, flat-	X		
	faced o-ring or o-ring boss seal.	^		
11.7	The packer control valve shall provide an automatic			
	packing cycle in less than 15 seconds by means of a			Na Daakor
	hydraulically de-tented spool.		X	No Packer
12	PACKING SYSTEM			
12.1	The body shall include a bulkhead to partially separate			
	the body from the hopper and to prevent debris from			
	falling back into the hopper when the packing panel is			
	retracting, to create a barrier that allows max-imum			
	continuous compaction and to minimize pinch points to		X	No Packer
	meet ANSI Z245.1 Safety Standards.			140 Facilos
12.2	Packing panel shall have a four-section follow plate to			
	allow for loading regardless of pack panel position and to			
	prevent excess amounts of debris from accumulating		X	
	behind panel.			
12.3	Follow plate rollers shall not require greasing or			
	adjustment. Packing system shall displace debris into the		X	
	body at a rate of four (4) cubic yards per minute.			
13	CONTROL AND ELECTRICAL SYSTEM			
13.1	An in-cab control console shall be located inside the cab	X		
	of the truck within easy view and reach of the driver.	^		
13.2	A lamp on the console shall indicate when the power	X		
	take-off is engaged, and the packer system is turned on.	^		
13.3	The Tailgate shall have an open alarm that will notify the	X		
	driver the tailgate is not closed	'		
13.4	The tailgate open alarm shall use a solid-state proximity	X		
	switch with a Deutcsh connector.	^		
13.5	All wiring shall be loomed and secured for protection	X		
	against physical damage			
13.6	An external audio alarm shall automatically activate			
	when the truck is in reverse gear or when the tailgate is	X		
	opening or closing.			

ITEM		ACKNOV	VLEDGE	OFFERED
#		YES	NO	(IF VARIANCE)
14	LIGHTING			
14.1	All lighting shall meet DOT and State requirements.	X		
14.2	Front and rear directional lights with flasher shall be provided.	Х		
14.3	All dash instruments, gauges, etc. shall be illuminated.	X		
14.4	A cab dome light shall be provided			
14.5				
14.6	The rear license plate light and side reflectors shall be illuminated.	X		
15	PAINT			
15.1	All visible exterior metallic surfaces shall be painted with polyurethane Axalta Elite or equivalent prior to assembly.	X		Equivalent

List chassis manufacture (Make/Model/Year): Freightliner // M2-106 // 2024
List module manufacture (Make/Model/Year: Pac-Mac // Leaf Vac // 2023
Delivery Time: 350 Days (Calendar Days)
Bid is: as per specifications, taking no exceptions
taking only those specification exceptions listed below or by letter attached and referenced to page numbers specified
Exceptions/Explanations: See Response Form

BIDDER INFORMATION

Company Name: Hol-Mac Inc.	
Address:	
City:Bay Springs	
State: Mississippi	
Zip:	
Company Representative: Manuel Shows	
Title: Sales	
Signature: Manuel Shows	
Date:	



Supplier Agreement

INTENT AND CONTACT

This document shall detail the conditions upon which a supplier, contractor, vendor or other individual, business or corporation seeking to do business with any client who has contracted, whether verbally, by resolution or any other means with PH Bidding Group for the use of its reverse auction platform shall be allowed to utilize the PH Bidding Group Reverse Auction Platform located at https://phbidding.procureport.com/. Only through completion of this document and unconditional agreement to this agreement in its entirety will you or your assigns, agents or employees or other designees be allowed to utilize this platform to submit pricing to the client(s) of PH Bidding Group.

This Agreement contains provisions for an administrative fee, discussed in Section 15.

PH Bidding Group hereby agrees to all sections contained within which outline its obligations and responsibilities.

PH Bidding Group Contact information is:

PH Bidding Group 605 West Main Street Tupelo, MS 38804 662.407.0193 cory@phbidding.com

TERMS OF USE

Reverse Auction and Strategic Procurement Software - One Time Use Agreement for Suppliers Only

If you have difficulty in completing this document, email us at cory@phbidding.com or call us direct at 662.407.0193.

By participating in the reverse auction procurement process initiated by PH Bidding Group and its strategic partner(s), you agree that you have accepted this agreement in its entirety, without exception, and that you, your representatives, and assigns agree to the following terms, statements and conditions:

Definitions:

"PH Bidding Group" shall mean the provider of a Reverse Auction Event Platform used in conjunction with Buyers to negotiate pricing on desired service, goods or information.

- **"You", "Supplier" or "Suppliers"** shall mean anyone signing this agreement that will use or direct the use of PH Bidding Group' Reverse Auction Event Platform for the purpose of selling services, goods or information to Buyers who retain the services of PH Bidding Group.
- "Buyer" shall mean any client or customer of PH Bidding Group who chooses or has chosen in the past to procure through the use of a Reverse Auction Event Platform or information provided by or in conjunction with PH Bidding Group.
- "Reverse Auction Event Platform" shall mean the platform accessed within or from or in conjunction with the website address at https://phbidding.procureport.com/, which is used by various Buyers to procure services, goods or information.
- 1 All information related to bids, projects, specifications, and terms of sale to potential clients of PH Bidding Group are based on information received directly from the client, and not necessarily approved by PH Bidding Group. PH Bidding Group makes no warranty concerning information approved by its clients for use in reverse auction events.
- 2 PH Bidding Group cannot and will not be held liable for delays in reverse auction events, server failures or changes in scheduling for reverse auction events.
- 3 You acknowledge that PH Bidding Group is merely the conduit through which pricing is achieved for the benefit of our clients, and not an endorsement of our clients' creditworthiness, ability to perform upon a contract or agreement, nor the proper use of materials, equipment or any other service or goods purchased through the use of our reverse auction software. PH Bidding Group shall not be held liable clients' failure to perform or award upon a given reverse auction event. All agreements that arise between suppliers and buyers are then the sole responsibility of those two parties, wherein PH Bidding Group shall be indemnified.
- 4 This agreement shall be good for a one-time use of PH Bidding Group's reverse auction strategic procurement solution. Only through acceptance of this agreement are you permitted to utilize the bidding platform. In the event that you violate any of the terms of any part of this agreement, PH Bidding Group may, in its sole and absolute discretion, terminate your ability to access the platform. In the event that PH Bidding Group terminates your access to the reverse auction software for any reason, neither you nor your assigns, affiliates, employers, employees or subsidiaries or beneficiaries shall have a claim against PH Bidding Group, its employees, assigns or beneficiaries.
- 5 PH Bidding Group shall provide basic training and basic instruction concerning operation of the supplier side functions of its reverse auction software, which is operated entirely online. Supplier shall be solely responsible for his or her attendance to this training. PH Bidding Group shall make reasonable efforts to accommodate training to Supplier's schedule, but Supplier acknowledges that he or she is ultimately solely responsible for attendance. Supplier agrees not to attempt to reverse engineer, model or copy this software.
- 6 It shall be the supplier's responsibility to comply fully with terms and conditions set forth by clients of PH Bidding Group, and to ensure that supplier conduct falls within state purchasing laws.
- 7 It shall be the sole and absolute responsibility of the Supplier to meet all deadlines for specification responses and sample presentations or the attending of any pre-bid conferences or any other functions as may be required from time to time by either PH Bidding Group or the Buyer. Failure to meet any of these deadlines or appointments does not entitle the supplier to an extension of the deadline or a delay in the scheduled date of the reverse auction event.

Supplier shall also be solely responsible for his own access to the Internet. If Supplier has no access to the Internet and is unable to locate access on his own, PH Bidding Group may, at its sole and absolute discretion, assist Supplier in locating sufficient Internet access for the purposes of participating in a contemplated Reverse Auction Event. Supplier also agrees that he is solely responsible for using his access to the Internet in a responsible manner in conjunction with this Reverse Auction Event so as not to intentionally interfere with another Supplier's access to the Reverse Auction Event.

- 8 It shall be the sole and absolute responsibility of the supplier to ensure that it meets all state and federal regulations with respect to product offerings and its ability to offer such items or services.
- 9 Suppliers agree that any and all information they provide shall be accurate and truthful. PH Bidding Group shall take reasonable precautions deemed necessary in its sole and absolute discretion to protect and safeguard that information but shall not be held liable in the event of a breach of that security. PH Bidding Group does not guarantee either the validity of your information or the safety of the information you provide. In the event your information becomes compromised, PH Bidding Group will issue you a new password.
- 10 Supplier agrees that he has no right to transfer this one-time use license.
- 11 Supplier agrees that he shall have no claim against PH Bidding Group for any virus that may infect the hardware or software of the supplier as a direct or indirect result from the use or perceived use of PH Bidding Group' reverse auction software.
- 12 Supplier agrees that his sole remedy in the event that supplier determines he dislikes the reverse auction process or service is to stop using the service.
- 13 Supplier agrees that he will neither share nor leak his password to the service for the purpose of allowing competitors of PH Bidding Group to view the reverse auction process or allow unauthorized persons to view a Reverse Auction Event for the purpose of providing information to other unauthorized users, regardless of intent or consequence. In the event of a breach of this section of the agreement, PH Bidding Group may, in its sole and absolute discretion, remove access to the Reverse Auction Event or any other portion of Internet based material from the Supplier.
- 14 Supplier agrees that in the event of an Internet or server failure on the side of PH Bidding Group, arrangements may be made by PH Bidding Group in conjunction with the buyer for an alternate date for the Reverse Auction Event. Suppliers shall have no claim against PH Bidding Group, its employees, assigns or beneficiaries.
- 15 An investment of time and financial resources is necessary for the continued operation of Reverse Auction Events run on PH Bidding Group platform. Therefore, a transaction fee based solely upon the final awarded purchase price shall be charged to the supplier. This transaction fee shall be self-assessed by the Supplier, who, by participating or reviewing or viewing PH Bidding Group' Reverse Auction Platform, website or information prepared by or in conjunction with PH Bidding Group, acknowledges receipt of service from PH Bidding Group regardless of the means of the final arrangement of pricing, whether through PH Bidding Group's Reverse Auction Event or other direct negotiations or bids. Supplier agrees that if he or she at any time has used the Reverse Auction platform or any portion or part of the software or Internet platform or website or information provided by or prepared by or in conjunction with PH Bidding Group for purposes of a contemplated bid, the fees described within this agreement as being due to PH Bidding Group shall be due in full in accordance with normal billing procedures set forth herein and are fully earned by PH Bidding Group.

Fees shall be self-assessed by the winning Supplier in the following amount and shall apply to all bids:

4% of the total contract price, including all service agreements, extended warranties and equipment.

Fees shall be paid to PH Bidding Group in the following manner:

All fees, in full, shall be due to PH Bidding Group within 15 calendar days of payment by the purchasing entity to the winning vendor for equipment, materials or other items by the Buyer. Partial payments shall not be accepted, and payments which are not received within 60 calendar days shall immediately accrue interest at the rate of 2% monthly plus a recurring monthly service fee of \$50. Supplier agrees that after 90 (ninety) days of non-payment, Supplier shall be considered in default of this agreement by PH Bidding Group and subject to all necessary and legal means of collection of this debt. In addition, Supplier agrees to pay all fees and lost monies required to collect Suppliers debt to PH Bidding Group. Jurisdiction for all collection efforts shall be Tupelo, Mississippi exclusively.

Suppliers should ensure that their total bid includes all fees due to PH Bidding Group. Supplier agrees that it is his sole and absolute responsibility to include fees due PH Bidding Group with all submitted bids. Supplier agrees that any and all future orders or transactions arising from the use of PH Bidding Group' Reverse Auction Event Platform shall be subject to the fees listed above and payable based upon the same guidelines. Future orders and transactions shall include but not be limited to, accessories, modifications, or aftermarket equipment.

- 16 By participating in this Reverse Auction Event or by viewing materials associated with this Reverse Auction Event, Supplier agrees not to attempt circumvention or contemplate circumvention or enter into any agreement that would circumvent this agreement in any way, whether intentional or unintentional which results or may result in avoiding fees due to PH Bidding Group or negotiating directly with Buyer or avoids or attempts to avoid the Reverse Auction Event. These circumvention techniques could include but shall in no way be limited to verbal agreements, bids written on paper delivered by any means or electronic communications, signals, or other means of communication.
- 17 Supplier agrees that all content provided by PH Bidding Group is considered the sole property of PH Bidding Group. Unauthorized sharing or use of these materials and content is prohibited. Supplier agrees that he will use this content solely for the purpose of participating in a Reverse Auction Event in good faith.
- 18 PH Bidding Group may alter this agreement at any time. Notice shall be given to Supplier within 24 hours of PH Bidding Group's alteration of this agreement if currently in force either by email, the posting of specific related information within the bid package located within the Reverse Auction Bid platform that will be used by Supplier to gather information on this specific bid, or by certified mail. PH Bidding Group is hereby informing Supplier that our preferred method of notification is by using the Adobe Acrobat protected document format (PDF), delivered by email.
- 19 This Agreement and all rights of the parties associated with it shall be governed by the laws as set forth within the State of Mississippi. Jurisdiction relating to any matters arising from the use of this agreement shall be the City of Tupelo, Mississippi. If any portion of this agreement is found to be unenforceable, whether due to illegality or misappropriation, the remainder of this agreement and its enforceability shall survive in full and shall be in no way affected. This agreement constitutes the entire agreement between the parties. No other verbal representations, examples, or correspondence, whether electronic, verbal or written, shall survive the signing of this agreement.

Acceptance - This agreement is hereby accepted in its entirety, without exception. I assert under penalty of law, I am the authorized signatory for the following organization, company, group or individual:

Organization, Company, or Individual represented:	Hol-Mac Inc.
Authorized Representative (Printed Name):	Manuel Shows
Title of Authorized Representative:	Sales

Billing Information:	shows manual@hal mag com
Email Address:	shows.manuel@hol-mac.com
Physical Address:	160 Commerce Drive
	Bay Spring, MS 39422
Mailing Address (if different):	
Office Phone:	800-844-3019
Mobile Phone:	601-764-7050
Signature: Manuel Shows	
Date:10/10/2022	

Return this Agreement, with your completed Bid Response Package to PH Bidding Group before the vendor response deadline outlined in the bid advertisement or bid documents. You may scan and submit this agreement with your bid response to the applicable bid management site or you may email the completed, signed pages to cory@phbidding.com. For questions regarding this agreement or the bid item(s), you may contact PH Bidding at 662-407-0193.

If you will require technical assistance for the submission of the specification response or the reverse auction process, this will require you to contact PH Bidding Group at either 662-407-0193 or info@phbidding.com at least one day prior to the specification response deadline or the reverse auction date.

FORM B

SPECIFICATION RESPONSE FORM

ONE (1) NEW LEAF/LITTER COLLECTION AND COMPACTION UNIT Bid # 2022-043PW

The undersigned proposes to furnish provide ONE (1) NEW LEAF/LITTER COLLECTION AND COMPACTION UNIT which meets the specifications provided. The undersigned certifies that the minimum specifications, terms and conditions contained in this BID have been considered and understood. By submitting a proposal, I/We do certify that the commodities offered do meet the specifications contained in this Invitation to Bid.

Please check '♥' each line item – confirming specifications listed will be met.

	GENERAL SPECIFIC			Company of the Compan
TEM		ACKNOV YES	NO	OFFERED
#		IES	NO	(IF VARIANCE)
1	CHASSIS			T
1.1	Truck Chassis must comply with federal specifications for safety and operation, State Laws and Federally mandated weight standards.	Yes		
2.1	Truck shall have (1) fuel tank, minimum 50-gallon capacity. Fuel tank shall be easily accessible without raising or shifting any components. A fuel gauge, in cab, shall be supplied.	Yes		,
3.1	Unit shall have a maximum height of 10-8" including the top of the exhaust stack	Yes		
2	ENGINE	•	,	<u> </u>
2.1	Engine shall be a 6-cylinder diesel that is 6.7 liter or larger. Minimum 260 HP	Yes		L9 Cummins 300 HP
2.2	The cooling system shall be protected to -34°F.	Yes		
2.3	Engine shall be equipped with air cleaner with safety element, spin-on fuel filter, full flow oil filter, and heated fuel/water separator	Yes		
2.4	The engine shall be equipped with an engine hour meter	Yes		
3	TRANSMISSION			
3.1	The chassis shall have an Allison 3500 RDS (Rugged Duty Service) automatic transmission. The transmission shall have a minimum of five (5) speeds forward and one (1) speed reverse.	Yes		
3.2	Transmission shift patterns shall be illuminated for night use.	Yes		
4	AXLES, WHEELS, AND BRAKES			
4.1	Front axle with leaf springs and shock absorbers shall be rated for 12,000 pounds.	Yes		
4.2	Rear axle with air spring suspension shall be rated for 21,000 pounds.	Yes		
4.3	Front and rear tires and rims shall all be interchangeable for safety and allow the interchange of tires.	Yes		
4.4	Rims shall be 8-hole steel hub piloted 22.5 x 8.25.		NO	10-Lug Aluminum front and re

MB

ITEM #		ACKNOV YES	NO	OFFERED (IF VARIANCE)
4	AXLES, WHEELS, AND BRAKES (Continued)			
4.5	Brakes shall be full anti-lock air brakes with automatic slack adjusters. Brake drums shall have dust shields.	Yes		
4.6	Air system shall include an air dryer.	Yes		
4.7	Parking brake shall be spring applied rear wheel drum and shoe.	Yes		
5	CAB			
5.1	Steering shall be full power with dual operator controls. Left hand steering column shall have tilt steering wheel feature. Right hand steering column shall be fixed (not tilt wheel).	Yes		
5.2	Dual steering stations shall have throttle pedals, brake pedals and turn signals with dual dash instrumentation (includes: speedometer, tachometer, air brake system pressure, voltmeter, engine coolant temperature gauge, fuel level gauge, oil pressure gauge, and engine intake heater light) on at each operator's station.	Yes		
5.3	Each operating position shall have its own steering column and wheel.	Yes		
5.4	Unit shall include two (2) outside west coast type mirrors with lower 8-inch convex lens.	Yes		
5.5	Switches shall be clearly identified.	Yes		
5.6	Cab interior environment shall be fully air-conditioned including a fresh air heater/ventilator/defroster. Controls shall be accessible from both sides of the cab.	Yes		
5.7	Windshield wipers shall be two speed with intermittent feature and windshield washers.	Yes		
5.8	Cab shall have a rear window to provide visibility of packer	Yes		
5.9	Cab shall include an AM/FM radio.	Yes		
5.10	Cab doors shall be double wall with weather seal around door edges.	Yes		
5.11	Cab doors shall have power window for passenger side and crank widow for the driver's side window.	Yes		
5.12	Cab doors shall have safety latches with key locks that are keyed the same.	Yes		
5.13	Cab shall have a dome light.	Yes		
5.14	Each operator position shall have adjustable sun visor.	Yes	-	
5.15	Cab doors shall have arm rests.	Yes		
5.16	Cab shall have at least one cup holder for use by operator.	Yes		
5.17	Cab shall have an electric fresh air heater, defroster, and air conditioning systems.	Yes		
	All seats in cab shall be equipped with seat belts	Yes		

8

ELECTRICAL SYSTEM	YES	NO	OFFERED
CI COTDICAL EVETEM		140	(IF VARIANCE)
ELECTRICAL STOLEM			
Vehicle lighting must meet all DOT standards.	Yes		
Chassis shall have two (2) maintenance free batteries			
rated at not less than 1500 CCA total, 12 volt.	Yes		
Chassis engine shall have a 160-amp alternator.	Yes		
Engine fuel level, water temp, oil pressure, voltmeter,			
speedometer, and tachometer gauges shall be located	Yes		
for good vision from both operator positions.			
All wiring circuits shall be protected with either circuit			
breakers or fuses as determined by the manufacturer	Yes		
and must be color coded or numbered.			
	Yes		
Chassis shall have dual halogen headlights.	Yes		
SUCTION FAN SYSTEM			
Single engine design. Auxiliary engine unit is not	V		
permissible.	res		
Fan is direct drive with a hydraulic Motor.	Yes		
Fan is supported by OHLA that is lubricated and cooled	V		
by the hydraulic system	Yes		
Fan system is removable so unit can be used for refuse	Vac		
collection.	162		
SUCTION HOSE SUPPORT BOOM			
Boom shall be located under the suction hose for better	Vac		
clearance under trees and other obstacles.	165	-	
Boom to rotate with Hydraulic actuator. No chains	Yes		
permitted.	7.00		
	Yes		
the unit		-	
Boom mounted to brackets on the side of the body that			
	Yes		
is removed.			
LEAF/REFUSE COLLECTION BODY	I	T	
The body floor shall be T piece and constructed of 3/10			
	Yes		
The body sides and roof shall be curved and shall be			
constructed of 11-gauge ASTM 715 GR 50 ultimate			
tensile strength 50 000-PSI sheet steel.	Yes		
The body shall be curved and of the side-loading design			
and the body shall have a capacity of 18 cubic yards,			
excluding the hopper. The pack panel must extend to the	Yes		
rear of the body to unload the debris. Tip to dump			
unioading is not acceptable.		1	
A neoprene seal shall be incorporated between the			
	Yes		
The tailgate shall be released opened closed and locked			
with two (2) double acting 3" hore hydraulic cylinders			
from controls located on the LH side of the body behind	Yes		
the hopper opening.			
	Engine fuel level, water temp, oil pressure, voltmeter, speedometer, and tachometer gauges shall be located for good vision from both operator positions. All wiring circuits shall be protected with either circuit breakers or fuses as determined by the manufacturer and must be color coded or numbered. Chassis shall have a backup alarm. Chassis shall have dual halogen headlights. SUCTION FAN SYSTEM Single engine design. Auxiliary engine unit is not permissible. Fan is direct drive with a hydraulic Motor. Fan is supported by OHLA that is lubricated and cooled by the hydraulic system Fan system is removable so unit can be used for refuse collection. SUCTION HOSE SUPPORT BOOM Boom shall be located under the suction hose for better clearance under trees and other obstacles. Boom to rotate with Hydraulic actuator. No chains permitted. Boom controlled by a joystick in the cab by the driver of the unit Boom mounted to brackets on the side of the body that can also be used to attach a cart flipper when the boom is removed. LEAF/REFUSE COLLECTION BODY The body floor shall be 1 piece and constructed of 3/16" abrasion resistant (AR 400) with a minimum of 360 Brinell. The body sides and roof shall be curved and shall be constructed of 11-gauge ASTM 715 GR 50 ultimate tensile strength 50,000-PSI sheet steel. The body shall be curved and of the side-loading design and the body shall have a capacity of 18 cubic yards, excluding the hopper. The pack panel must extend to the rear of the body to unload the debris. Tip to dump unloading is not acceptable. A neoprene seal shall be incorporated between the tailgate and body to provide a watertight seal for a depth of 9". The tailgate shall be released, opened closed and locked with two (2) double acting, 3" bore, hydraulic cylinders from controls located on the LH side of the body behind	Engine fuel level, water temp, oil pressure, voltmeter, speedometer, and tachometer gauges shall be located for good vision from both operator positions. All wiring circuits shall be protected with either circuit breakers or fuses as determined by the manufacturer and must be color coded or numbered. Chassis shall have a backup alarm. Chassis shall have dual halogen headlights. SUCTION FAN SYSTEM Single engine design. Auxiliary engine unit is not permissible. Fan is direct drive with a hydraulic Motor. Fan is supported by OHLA that is lubricated and cooled by the hydraulic system Fan system is removable so unit can be used for refuse collection. SUCTION HOSE SUPPORT BOOM Boom shall be located under the suction hose for better clearance under trees and other obstacles. Boom to rotate with Hydraulic actuator. 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CITY OF TUPELO- ONE (1) NEW LEAF/LITTER COLLECTION AND COMPACTION UNIT

TEAR		ACKNOV	VLEDGE	OFFERED
ITEM #		YES	NO	(IF VARIANCE)
10	HOPPER			
10.1	Hopper floor shall be constructed of 3/16" abrasion	\/		
10.1	resistant AR 400 having a min. hardness of 360 Brinell.	Yes		
10.2	Hopper capacity shall be minimum of one (1) cubic yard.	Yes		
11	HYDRAULIC SYSTEM	1000		
11.1	Minimum 35-gallon capacity hydraulic reservoir shall be			
11.1	provided for hydraulic system.	Yes		
11.2	Pump shall be direct drive with one section of the pump			
11.2	dedicated to the packer and the other section Dedicated			
	to the leaf collection system. The pump may be driven by	Yes		
	a hot shift PTO or direct drive for pack-on-the-go	163		
	capability.			
11.3	Unit shall be equipped with a hydraulic cooling and			
11.0	filtration system with a minimum capacity of 50 gpm.	Yes		
11.4	A suction strainer shall be installed in the hydraulic			
11.7	reservoir.	Yes		
11.5	A hydraulic fluid level sight gauge shall be installed on	Yes		
11.0	the hydraulic reservoir.	165		
11.6	All hydraulic fittings shall be a minimum of 37° JIG, flat-	Vee		
11.0	faced o-ring or o-ring boss seal.	Yes		
11.7	The packer control valve shall provide an automatic			
1 1.7	packing cycle in less than 15 seconds by means of a	Yes		
	hydraulically de-tented spool.			7.0
12	PACKING SYSTEM			
12.1	The body shall include a bulkhead to partially separate			
	the body from the hopper and to prevent debris from			
	falling back into the hopper when the packing panel is			
	retracting, to create a barrier that allows max-imum	Yes		
	continuous compaction and to minimize pinch points to			
	meet ANSI Z245.1 Safety Standards.			
12.2	Packing panel shall have a four-section follow plate to			
	allow for loading regardless of pack panel position and to			
	prevent excess amounts of debris from accumulating	Yes		
	behind panel.			
12.3	Follow plate rollers shall not require greasing or			ne de la companya de
	adjustment. Packing system shall displace debris into the	Yes		
	body at a rate of four (4) cubic yards per minute.			
13	CONTROL AND ELECTRICAL SYSTEM			
13.1	An in-cab control console shall be located inside the cab	Yes		
	of the truck within easy view and reach of the driver.	162		
13.2	A lamp on the console shall indicate when the power	Yes		
	take-off is engaged, and the packer system is turned on.			
13.3	The Tailgate shall have an open alarm that will notify the	Yes		
	driver the tailgate is not closed			
13.4	The tailgate open alarm shall use a solid-state proximity	Yes		
	switch with a Deutcsh connector.	103		
13.5	All wiring shall be loomed and secured for protection	Yes		
	against physical damage	169		
13.6	An external audio alarm shall automatically activate			
N 525	when the truck is in reverse gear or when the tailgate is	Yes		
	opening or closing.			

Vacuum Truck Sales & Service, LLC

ITEM		ACKNOV	VLEDGE	OFFERED
#		YES	NO	(IF VARIANCE)
14	LIGHTING			T
14.1	All lighting shall meet DOT and State requirements.	Yes		
14.2	Front and rear directional lights with flasher shall be provided.	Yes		
14.3	All dash instruments, gauges, etc. shall be illuminated.	Yes		
14.4	A cab dome light shall be provided	Yes		
14.5	Back-up shall automatically come on when the transmission is in reverse.	Yes		
14.6	The rear license plate light and side reflectors shall be illuminated.	Yes		
15	PAINT			<u> </u>
15.1	All visible exterior metallic surfaces shall be painted with polyurethane Axalta Elite or equivalent prior to assembly.	Yes		

List chassis manufacture (Make/Mod	del/Year):	2024 Freightliner M2 106
List module manufacture (Make/Model/Year:		2023/2024 Curbtender 18_YD VACPAK
Delivery Time:120-Days ARC (After Receip	t of Chassis)	(Calendar Days)
Bid is: as per specification	ons, taking no	exceptions
Yes taking only those referenced to pa	specification e ge numbers sp	xceptions listed below or by letter attached and ecified
Exceptions/Explanations: Page 7	reference 4.4, calls	for 8-lug steel wheels, chassis has 10-lug aluminum wheels front and rear.

MB

BIDDER INFORMATION

Company Name:	Vacuum Truck Sales and Service, LLC
Address:	408 HWY 49 South
City:	Richland
State:	Mississippi
Zip:	39218
Company Penresents	ative:Mike Baucom
Company Represent	alivo.
Title:	VTSS/VTR Location Manager, Sales Representative
Signature:	Mike Baucom
Date:	11/10/2022