

FROM:

Hol-Mac Corporation

PO Box 349/150 Commerce Dr.

Bay Springs, N

License # CV-70



CITY OF SHREVEPORT - RECEIPT FOR BIDS RECEIVED

505 Travis Street Suite 610 Shreveport, LA 71101 • P O BOX 31109 Shreveport LA 71130

MAR 15 2021 4:05:15

DATE AND TIME RECEIVED:

RECEIVED FROM:

Hol-Mac Corporation

(IFB/RFP/RFQ/RFS NO.): 21-005

PROJECT/ITEM:

25 CY REAR LOADER PACKERS

RECEIVED BY:

DA

OPENING DATE AND TIME:

3/16/21 02:00 PM

SEALED BID FOR:

FB Number: #21-005

Project Name: 25 CY Rear Loader Packers

Opening Date: March 16, 2021

Attention: Use this format on the outside of your container when responding with a paper bid. We do not accept faxed responses for formal solicitations!

**BID PRICES/SIGNATURE PAGE**  
**(RETURN ONE ORIGINAL AND ONE COPY WITH YOUR BID)**  
**COS BID FORM #1**

I agree to furnish all items for the prices as listed below in accordance with all the specifications, terms and conditions listed herein, or with exceptions as listed on the deviation page.

IFB 21-005 Bid Title: **25 CY Rear Loaders Packers**

ITEMS BELOW MUST BE COMPLETED BY BIDDER					
ITEM #	EST. AMT. (A)	U/M	COMMODITY	UNIT PRICE (B)	TOTAL PRICE (C)
1	18	EA	25 CY REAR LOADERS PACKERS	\$ 163,000.00	\$ 2,934,000.00
Total Price: A x B = C				Grand Total of all items	\$ 2,934,000.00

Estimated delivery time is: 200 days after receipt of purchase order.

Additional units may be purchased by the City at the same prices listed above for as long as these models are available or until: March 16, 2022. If date is not provided, then prices will be guaranteed for as long as the above models are available. If mutually agreeable with successful bidder and other public agencies this bid will be made available to them.

Maintenance and repairs facility is located within 11 miles of Shreveport, Louisiana. (Maximum of 11 miles.)

The City reserves the right to renew any resultant contract(s), if mutually agreeable with the contractor, for four additional years in one year increments with price changes limited to paragraph 7, Price Changes, in the Special Instructions to Bidders herein.

**BID ACCEPTANCE AND DELIVERY** (Prices bid must be firm for a minimum of 45 days). In compliance with the Invitation, and subject to all conditions thereof, the bidder offers and agrees, if this bid is accepted within 45 days from date of opening, to furnish any or all items quoted on at prices as set forth after the item and to make delivery F.O.B destination\* **ON AN AS NEEDED BASIS**

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, or person submitting a bid for the same items/services, and is in all respects fair and without collusion or fraud. Acting on behalf of the bidder, this is to attest that the undersigned is a duly authorized representative of the above captioned firm, corporation, or business and has read Sections 10, & 20, as referenced on the previous page.

<b>BIDDERS NAME/ADDRESS:</b> HOL-MAC CORPORATION PO BOX 349 160 COMMERCE DRIVE Bay Springs, MS 39422		<b>NUMBER OF ADDENDA RECEIVED</b> (if NONE-write 0 or N/A or none, etc.):  N/A OR: # 1	
<b>AUTHORIZED SIGNATURE(MANUAL):</b> 		<b>AUTHORIZED SIGNATURE(TYPED OR PRINTED):</b> John Harris	
<b>TITLE:</b> Territory Sales Manager		<b>DATE:</b> March 15, 2021	
<b>PHONE NUMBER(S)</b> 601-764-7050		<b>EMAIL ADDRESS:</b> harris.john@hol-mac.com	
Provide Deviations from terms, conditions, provisions and specifications below & on extra page, if applicable:			
_____ _____			

**CITY OF SHREVEPORT LA**  
**BID SPECIFICATIONS**  
**25 CUBIC YARD HIGH COMPACTION REAR LOADING**  
**REFUSE COLLECTION TRUCK**

**INTENT:**

This specification describes a hydraulically actuated packer body and chassis of the rear loading type with the following minimum specifications necessary to perform the work assigned. The body shall be capable of compacting and transporting refuse to a landfill or transfer station and dispensing the load by means of hydraulically ejecting the load from the body.

**GENERAL TERMS:**

The manufacturer of all equipment provided under this contract shall be ISO 9001 certified. All equipment furnished under this contract shall be new, unused and the same as the manufacturer's current production model. Accessories not specifically mentioned herein, but necessary to furnish complete unit ready for use, shall also be included. Unit shall conform to the best practice known to the body trade in design, quality of material and workmanship. Assemblies, sub-assemblies and component parts shall be standard and interchangeable throughout the entire quantity of units as specified in this invitation to bid. The equipment furnished shall conform to ANSI Safety Standard Z245.1-1999, and shall be manufactured in the United States of America.

**GUARANTEE:** (provide copy of warranty statement with bid submittal)

**YES** The body shall be covered by a Twenty Four (24) month warranty.  
**JH 3 YEAR HYDRAULIC CYLINDER WARRANTY**

**PARTS MANUAL:**

Bidder shall furnish a complete parts, maintenance, and operator's manual with each body sold.

**JH QUARTERLY MAINTENANCE INSPECTION  
ON SITE WARRANTY SERVICE**

**BRAND NAMES**

Wherever in the specifications the name of a certain brand, make, manufacturer, or definite specification is utilized, they are used only to denote the quality standard of the product desired and that they do not restrict bidders to the specific brand, make, manufacturer, or specification named; that they are used only to set forth and convey to prospective bidders the general style, type, character, and quality of the product desired; and that equivalent products will be acceptable. It shall be the responsibility of the Purchasing Agent and the professionally employed architect or engineer to determine what is considered an equivalent product on any and all projects in which they have been legally employed to perform professional services. **Important- If you consider the specifications as restrictive or have a problem with this document please contact the Purchasing Agent at least five days before the bid opening at (318) 673-5450**

**BID QUOTATION**

Bidder shall complete every space in the specification bidders proposal column with a check mark to indicate if the item being bid is exactly as specified. If not, the "NO" column must be checked and a detailed description of the deviation from the specification to be supplied.

**CAPACITY**

The packer body shall have a capacity, excluding the receiving hopper, of not less than: 25 Yds

The hopper shall have a capacity of three and ninety-four hundredths (3.94) cubic yards.   3.61 cubic yds

The structural integrity of the body shall allow high density loading of 1,000 pounds per cubic yards of normal refuse.

**BODY CONSTRUCTION**

The body shall have a street side access door to allow entrance to body for service

In order to prevent damage from corrosion and fire, no hydraulic cylinders, valve or other hydraulic components shall come in contact with refuse packed into the body.

Body sides & roof shall be of curved stress skin construction interfacing with the corner mainframe bolsters. Rear bolsters shall be formed channel @ the major upper & lower connecting points of the mainframe. Front bolster shall be a formed channel @ the major upper & lower connecting points. All sidewall and roof members shall be continuous welded.

Body roof shall be minimum 8 gauge, 80,000 PSI minimum yield hi-tensile steel sheet fully welded to a full length 11 gauge 50,000 PSI yield roof crown rail to contain and dissipate forces equally through the body structure.   roof 10 ga 80,000psi 10 ga AR450

Body sides shall be minimum 8 gauge, 80,000 PSI minimum yield high tensile steel sheet, fully welded to roof crown rail and to a floor skirt rail.   10 ga 80,000 PSI and 10 ga AR450

JH

	Yes or	No	Deviations
Rear mainframe body side bolsters shall be contoured shaped to sidewall with, minimum 7 gauge 80,000 PSI minimum yield. Reinforcement bolsters shall be full welded to the curved body side sheets.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Body Floor shall be flat full width and must not have inboard guide rails or a trough. Floor shall be a minimum 7 gauge 80,000 PSI minimum yield steel sheet.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>7 ga 80,000 psi</u>
Floor longitudinals (long members) shall be a formed trapezoidal shape with a base sill of 7 gauge 80,000 PSI minimum yield formed steel channels and shall be continuous welded to the floor sheet.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>7 ga Hol-Mac Design</u>
Floor cross members shall be 7 gauge 80,000 PSI minimum yield steel channels. Cross members shall be interlaced through the long members on approximately 18" centers to fully support the floor. Cross members shall be full width, single piece. (No Exceptions)	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>Long members are full length without interruption</u> <u>7 ga cross-members are interlaced and fully welded</u>
<b>TAILGATE CONSTRUCTION</b>			
Tailgate sides shall be single piece 3/16" 150,000 PSI minimum yield abrasion resistant plate steel.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>10 ga 80,000 PSI</u>
Tailgate side reinforcement shall consist of 11 gauge 50,000 PSI formed steel channels fully welded to the perimeter edge of the tailgate side sheets. An interlaced network of 11 gauge 50,000 PSI and 7 gauge 80,000-PSI minimum yield formed steel channels shall also be fully welded to the tailgate side for superior support.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Hopper floor shall be minimum 3/16" 150,000 PSI minimum yield 321 BHN abrasion resistant steel plate.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>exceeds w/ 1/4 "</u>
Hopper floor lateral reinforcement shall consist of a 3/16" 80,000 PSI minimum yield formed "Z" channel crossmember. Forward hopper reinforcements shall be provided by a lateral network of 3/16" 80,000 PSI and 3/8" 50,000 PSI minimum yield formed steel channel crossmembers.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Hopper front compaction face shall be minimum 5/16" 150,000 PSI minimum yield abrasion resistant steel plate.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>1/4"</u>
Tailgate shall be equipped with heavy duty 1" diameter turnbuckles, one on each side of body, to secure the tailgate in the closed position against the body to prevent leakage.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>automatic latch</u>
Two (2) grab handles shall be located on each side of the tailgate for operator safety and comfort. One handle is to be mounted horizontally above the riding step. The other shall be mounted in the vertical plane, with the bottom edge no less than 44" above the steps. The latter shall also be attached to the rearward face of the perimeter of the tailgate reinforcement.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
The rear steps shall be bolt-on design fabricated from 12 gauge, 3 diamond Grip Strut, slip resistant, self-cleaning material. Located on each side of the tailgate, they shall provide footing area for a single rider. The steps must conform to ANSI standards.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
The tailgate shall be raised with two (2) single acting 4" bore hydraulic cylinders. The cylinders shall incorporate an integral orifice, which will limit the descent speed of the tailgate in the event of hydraulic failure.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<u>(2) Double-acting 3.25" bore x 38" stroke with orifice · solid rod</u>

JH

Yes or No Deviations

- The tailgate shall be equipped with a one piece, removable rubber gasket. The gasket, which shall have a durometer rating of 35-45 and tensile strength of 1500-1800 PSI shall extend across the entire bottom width of the tailgate and provide for watertight seal vertically up the side for no less than 21".
- The hopper sill shall be formed from 3/16", 80,000-PSI high tensile steel.
- Tailgate spill troughs shall be included on both curbside and street side   not required w/ pac-mac design
- A work light shall be included to illuminate the hopper area.
- The rear hopper area shall be equipped with a tailgate-to-driver buzzer system installed on both the curbside and street side of the hopper.

**PACKING MECHANISM**

- Packing cycle control shall be mechanical, lever operated on the right hand side of the tailgate. A two lever design, the operator shall have the capability to start, stop and reverse the direction of any function at any time throughout the packing cycle.
- Packing mechanism control valve shall be centrally located within the upper confines of the hopper, under upper light crossmembers.
- The packing cycle time is no greater than 17-19 seconds. Operator reload time is greater than 6-8 seconds.
- Packing mechanism shall consist of two primary structures, the upper packing panel and the packing blade.

**UPPER PACKING PANEL**

- The upper packing panel shall be mounted to the tailgate weldment with two (2) sets of upper and lower link arms. Each upper link arm shall be secured to the panel and tailgate with two (2) induction hardened cold drawn steel pins. The lower link arms shall be connected to the tailgate with induction hardened pins and to the panel with heat treated, induction hardened cold rolled steel hinge pins.   upper panel slides in a track
- The upper packing panel shall be constructed from 3/16" 150,000 PSI minimum yield, abrasion resistant steel plate in all areas of refuse contact. The packing blade hinge lugs shall be constructed from 50,000 PSI minimum yield steel plate.
- Primary compaction by the upper panel shall be accomplished with two (2) double acting 5" bore hydraulic cylinders. Located outside of the hopper confines, the cylinders shall produce a minimum force of 73,600 pounds.
- Forward hinged side doors on each side of the tailgate shall provide access to the outside cylinders. The doors shall be easily opened without hand tools. The side doors shall prevent operator contact with the packing mechanism components as well as protect the components from the outside elements.   not required w/ Pac-Mac design cylinders located inside tailgate above packer

**PACKING BLADE**

- The packing blade shall be mounted to and pivot on the upper panel hinge lugs with heat treated, induction hardened cold rolled steel pins.

JH

Yes or No Deviations

- The packing blade shall be constructed with 3/16" 150,000 PSI minimum yield, abrasion resistant steel plate and capable of resisting shearing and breaking forces of large objects during the compacting cycle.
  
- Pre-compaction by the packing blade shall be accomplished with two (2) double acting, 5 1/2" bore cushioned hydraulic cylinders. Located inside the hopper confines, the packing blade cylinders shall produce a minimum force of 111,670 pounds (33.25 PSI).
  
- All packing mechanism links shall have replaceable hardened steel bushings for extended service life. Wear shoes or rollers shall not be acceptable in high compaction packing mechanisms.   all pivots have replaceable hardened steel bushings
  
- All cylinder and link pivot pins shall be kept in place with minimum Grade 5 retaining bolts, lock nuts and lock collars.   UHMW shoes used in track
  
- Each hopper full of material shall be compressed between the packing blade, upper panel and ejector panel. The ejector panel shall be automatically advanced by an ejector unload valve. No operator attention shall be required to advance the ejector panel as the body fills.
  
- The packing mechanism shall be equipped with an "automatic crowd" pressure sensing device, which will enable the packing mechanism to find a path through the load which will neither stall the mechanism nor damage the structure thereby prolonging the hopper floor and mechanism life.
  
- DISCHARGE OF LOAD**
  
- The load shall be discharged by means of a positive ejection system. A double acting, telescopic hydraulic cylinder shall extend and retract the ejector panel the full length of the body. The ejector cylinder shall attach to the body and the ejector panel via cold-drawn, pins positioned diagonally to minimize possible damage from objectionable liquids.
  
- The ejector cylinder shall have the following dimensional characteristics:

STAGES	BORE	STROKE		
4	6"	134.1"	<input checked="" type="checkbox"/>	<input type="checkbox"/>
  
- The ejector panel face sheet shall be constructed from 11 gauge hi-tensile steel. Four (4) hi-tensile formed steel channels shall span horizontally, with one (1) trapezoidal crossmember at floor level. The vertical panel corner posts shall be hi-tensile steel. A 7 gauge hi-tensile steel protective covering shall be provided to keep refuse from coming in contact with the ejector cylinder.   3 stage 6 1/2" bore 124 stroke
  
- The ejector panel shall extend and retract without the assistance of clamp bars or associated hardware.
  
- Smooth movement of the ejector panel in the body shall be achieved with two (2) cast alloy shoes on each side of the ejector panel. Shoe castings shall possess a minimum contact surface of 18 square inches each shoe side and having a minimum hardness of 260 BHN. Each shoe shall pivot on a removable cold drawn stub pin held within the fully boxed base frame of the ejector panel. Four (4) shoes shall be provided for each ejector panel and shoes must be replaceable without removing the ejector from the body. Rollers shall not be used.   UHMW Shoes

Yes or No Deviations

Ejector guide bottom edge shall be located above longitudinal floor corners. The top flange of the guide channel shall be reinforced with a 45° plate, which shall also serve as a self-cleaning device. The track shall also minimize pivotal movement of the ejector panel as refuse is packed against it.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Plastic (non-metallic) ejector shoe material is not acceptable.	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<u>UHMWV</u>
The rod end of the ejector cylinder shall be pin mounted at the front of the body to the main lateral bolster of the body longitudinal members thus affording maximum resisting bending moment.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
<b>CONTROLS</b>			
The ejector panel and tailgate raise controls shall be mounted outside the body on the front left hand side of the body. Direct connection of the control handles to the valve spool shall exist to minimize moving parts and allow for ease of service.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
An electrical device shall be supplied to automatically raise the engine speed to the proper RPM during the packing cycle.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
An additional throttle advance switch shall be located at the front left hand side of the body within hands reach of the ejector and tailgate raise controls.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
Power take off controls shall be conveniently mounted in the cab, preferably to right side of the driver.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
<b>HYDRAULIC SYSTEM</b>			
A heavy duty pump motive drive shall be provided and shall be compatible with that of chassis transmission. The pump drive shall be activated by a hot shift PTO with overspeed protection	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
The pump motive drive must run quietly. Gearing shall be selected for minimum engine RPM compatible with recommended pump RPM for correct operating pressure and rates of flow for the refuse body.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
To minimize hydraulic cylinder weight, a high-pressure hydraulic system shall be employed. The operating pressure of the system shall be 2400-2500 PSI. Low-pressure systems shall not be acceptable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
A heavy-duty gear pump shall be provided with a rated capacity of 42 GPM at 1200 RPM. Pump shall be directly mounted to the PTO.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
The hydraulic pump shall be designated to operate continuously with peak loading at frequent, short intervals.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
The hydraulic system shall incorporate adjustable relief valves to protect all components from excessive pressure and overloads.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
All hydraulic tubes will be securely clamped to prevent vibration, abrasion, and excessive noise.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
All hydraulic tubes running the length of the body shall be routed over the roof on the street side bias of the body.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____
All hydraulic hoses shall conform to S.A.E. standards for designed pressure. Bends shall not be less than recommended by S.A.E. standards. Flat spots in hoses will not be acceptable.	<input checked="" type="checkbox"/>	<input type="checkbox"/>	_____

Yes or No Deviations

All high-pressure hoses shall be sheathed with fabric protective covering.   \_\_\_\_\_

The hydraulic oil reservoir shall be frame mounted underneath the body and shall have a gross capacity of 50 gallons filled with hydraulic fluid.   \_\_\_\_\_

The tank shall be complete with a screened fill pipe and cap, filter breather, clean out cover, and shut off valve.   \_\_\_\_\_

The hydraulic system shall be protected by a five (5) micron return line filter along with a 100 mesh (140 micron) reusable oil strainer in the suction line.   \_\_\_\_\_

The return line filter shall also include an in-cab filter by-pass monitor, which shall alert the operator or service personnel when the filter is in need of replacement.   \_\_\_\_\_

All multi-spool control valves shall be of a section design such that servicing would not require replacement of the entire valve assembly.   \_\_\_\_\_

**HYDRAULIC CYLINDERS**

All cylinders must have a working pressure rating of no less than 2500 PSI.   \_\_\_\_\_

Inside packing cylinders must be of the internal cushion design so that hydraulic shock and audible noise is minimized. This shall be accomplished by a design, which will decrease the speed of the cylinder for the last one-half (1/2") inch of cylinder stroke on both directions of travel.   \_\_\_\_\_

Rods of inside and outside packing cylinders must be induction hardened to a surface hardness of 55-65 Rockwell C scale.   \_\_\_\_\_

Rods of all cylinders shall be chrome plated and solid.   \_\_\_\_\_

All packing cylinder end lugs shall be forged steel material.   \_\_\_\_\_

**ELECTRICAL**

All electrical wiring connectors to be automotive double-seal, with wiring in split convoluted loom.   \_\_\_\_\_

All wiring connections to be soldered with rubber-molded covering or crimp type connectors with shrink-wrap. Unprotected wiring in any application is unacceptable.   \_\_\_\_\_

All electrical limit switches shall be epoxy impregnated to minimize effects of excess moisture.   \_\_\_\_\_

**LIGHTING**

Clearance, back up, and directional lights shall be Lexan lens, shock mounted in a protective housing. The whole unit shall be pop out and replaceable.   \_\_\_\_\_

Lights shall be provided in accordance with FMVSS #108, ANSI Z245.1-1999 plus mid body turn signals on each side of the body and a center brake light on the rear.   \_\_\_\_\_

**PAINTING**

The entire body shall be properly cleaned of all dirt, grease, and weld slag before painting. Cleaning shall be in keeping with accepted industry practices.   \_\_\_\_\_

JH

Yes or No Deviations

A seal coat, primer coat and two-component polyurethane enamel topcoat is to be applied.   \_\_\_\_\_

The body is to be equipped with ICC regulation high visibility tape. The reflective tape is to be installed on lower body side perimeter and across rear hopper lip.   \_\_\_\_\_

The body color shall be white.   \_\_\_\_\_

**ADDITIONAL FEATURES:**

**Dual Cart Tippers shall be installed**

Unit shall be equipped with a multi function led Strobe/turn signals   \_\_\_\_\_

Unit shall be equipped with Dual Perkins D6080 Cart Tippers   \_\_\_\_\_  
  \_\_\_\_\_

**II. CHASSIS (minimum requirements)**

**MODEL**

New 2021 or Newer Set Back Axle Conventional chassis ( Minimum of 75,000 GVWR)   \_\_\_\_\_

157.7" CA   \_\_\_\_\_

224" Wheelbase   \_\_\_\_\_

Steerable 13,200 LB pusher axel with size tire 255-70R22.5   \_\_\_\_\_

350 HP with 1050 ft lb   \_\_\_\_\_

Wet Type Cylinder Sleeves   \_\_\_\_\_

Air cleaner: single element   \_\_\_\_\_

12V 160 AMP Alternator   \_\_\_\_\_

(3) 12V MF 2775 CCA batteries mounted Driver side cab   \_\_\_\_\_

Battery disconnect switch – lever operated   \_\_\_\_\_

BW Model BA-921 CUMMINS 18.7CMF single cylinder air compressor with safety valve.   \_\_\_\_\_

115V/1000Watt Engine block heater   \_\_\_\_\_

Exhaust: Frame mounted exhaust stack to minimize noise and vibrations from being transferred to the cab structure.   \_\_\_\_\_

**TRANSMISSION AND EQUIPMENT**

Allison 3000 RDS\_P (or equal) 6-Speed Automatic transmission   \_\_\_\_\_

WTEC transmission, Package 113 Push button electronic shift control   \_\_\_\_\_

Stalk type mounted ETC relocated inside cab and off floor   \_\_\_\_\_

Electronic engine speed control switch in center panel   \_\_\_\_\_

Automatic shift to neutral   \_\_\_\_\_

J#

Yes or No Deviations

**FRONT AXLE AND SUSPENSION**

Wide track I-beam type front axle; 20,000 lb capacity

Air Cam 16.5" x 6" front brakes

Front slack adjusters

Front dust shields

TRW THP-60 Power Steering with RCH45 auxiliary gear, dual power steering gears to provide maximum torque to steering arms. A single gear and slave cylinder is not acceptable.

20,000lb Spring Taper leaf front suspension

Front shock absorbers

**REAR AXLE AND SUSPENSION**

Single Reduction Rear Tandem Axle; 46,000lb

4.89 Axle ratio

Air Cam 16.5" x 8.62 rear brakes

Rear slack adjusters

Rear dust shields

Tuftrac Rear Suspension; 46,000 lb capacity or HMX-EX 46,000 LB Capacity

Rubber end bushings

Transverse torque rods

**BRAKE SYSTEM**

Antilock Brakes

4-Channel full vehicle control system

Brake line air dryer

Manual drain valve with pull chain

**FRAME**

7x16x3-9/16x11-1/8 single channel 120,000 PSI yield steel

3.35 million RBM single frame to be huck bolted in lieu of threaded bolts where possible

**CHASSIS**

Bumper to Back of Cab BBC should be 106 inches with steel bumper Freightliner dimension

Two (2) front tow hooks -- Frame mounted, inside rail

Yes or No Deviations

FUEL TANK

80 Gallon Aluminum fuel tank (LH mount) with a 6 gallon diesel exhaust fluid tank   \_\_\_\_\_

FRONT TIRES, HUBS, AND WHEELS

315 80R 22.5   \_\_\_\_\_

Front disc wheels; 22.5" 10-stud hub piloted with steel hubs; 5 Hand hole; 9.0 DC Rims   \_\_\_\_\_

REAR DRIVE TIRES, HUBS, WHEELS

11R22.5 M&S 16-ply   \_\_\_\_\_

Dual disc wheels; 22.5", 10-stud hub piloted with steel hubs; 2 Hand hole; 8.25 DC Rims   \_\_\_\_\_

ADDITIONAL FEATURES

Radio: AM/FM/WB   \_\_\_\_\_

Adjustable tilt and telescoping steering column   \_\_\_\_\_

Dual Hadley air horns, single electric horn   \_\_\_\_\_

Replicable fuses   \_\_\_\_\_

Non removable screen mounted behind grill   \_\_\_\_\_

Gauges electronic speedometer, electric tachometer, electric fuel gauge, coolant gauge, and transmission oil temp gauge   \_\_\_\_\_

High back air suspension driver seat with integral cushion extension and rear cushion tilt and a two-man fixed back passenger seat   \_\_\_\_\_

Self-canceling turn signals   \_\_\_\_\_

Primary mirrors with LH & RH auxiliary mirrors   \_\_\_\_\_

Air conditional with integral heater & defroster   \_\_\_\_\_

Rear cab suspension with air bag   \_\_\_\_\_

PAINT

Cab Color: White   \_\_\_\_\_

# CITY OF SHREVEPORT-PURCHASING DIVISION

P.O. BOX 31109 SHREVEPORT, LOUISIANA 71130-1109 Suite 010, 505 TRAVIS SHREVEPORT, LA 71101-3042  
Phone 318/673-5450 web site [www.shreveportla.gov](http://www.shreveportla.gov) Fax 318/673-5400

March 8, 2021

## ADDENDUM #1

IFB #21-005

### 25 CY Rear Loaders Packers

Bidders on the project are hereby notified that this addendum shall be attached to and made part of the above named solicitation documents dated February 20, 2021. The following items are issued to add to, to modify, and/or clarify the solicitation documents. These items shall have full force and effect as the solicitation documents. Bids, to be submitted on the specified bid date, shall conform to the additions and revisions listed herein. Failure to do so may subject the bid to being declared as non-responsive.

It shall be the bidder's responsibility to make inquiry as to any addenda issued.

#### 1.0 Questions and Clarifications

**YES** 1.1 Stalk type mounted ETC relocated inside cab and off floor. Is this a push button shifter built into a lower mounted between the seats? (Or close to it)

Answer: the stalk mounted gear select means the gear shift is mounted in the dash not on the floor the ETC is the computer mounted in the inside of the truck out the weather we don't want it mounted outside the truck

**YES** 1.2 On page 20. I would also suggest changing the rear end ratio to 5.63 for Startability. (This will not affect the price)

Answer: The gear ratio doesn't matter as long as it's between 5.46-5.63

All questions must be submitted in writing. E-mail questions to DeReka Abner at [dereka.abner@shreveportla.gov](mailto:dereka.abner@shreveportla.gov).

Continue to monitor BidSync and the City website [www.shreveportla.gov/solicitations](http://www.shreveportla.gov/solicitations) for any additional addenda.

CITY OF SHREVEPORT



Wendy Wagnon, CPPO  
Purchasing Manager

cc: Chris Wilder

J#



**AFFIDAVIT**

**ATTESTING THAT ENTITY OR PERSON  
DOES NOT OWN ADJUDICATED OR LIEN PROPERTY AND  
DOES NOT OWE OUTSTANDING DEBT TO CITY**

**\*\* This affidavit is submitted to document compliance with Shreveport City Code 26-211. \*\***

BEFORE ME, the undersigned Notary Public duly qualified and commissioned, came and appeared

John Harris authorized representative of:  
Hol-Mac Corporation with a Federal Tax Identification Number (EIN) of:  
64-0515071 and with a current email address of:  
harris.john@hol-mac.com who does hereby state as follows, to-wit:

- 1 Business Entity or Person does not own any property which is adjudicated to the City of Shreveport, Louisiana or which has demolition liens, grass cutting liens, or any other Property Standards liens on it. For purposes of this subsection, the term "own" shall mean to be the last record owner of the property prior to a tax sale or adjudication.
- 2 Business Entity or Person does not own more than twenty-five percent (25%) of a legal entity that owns any property which is adjudicated to the City or which has demolition liens, grass cutting liens, or any other Property Standards liens on it.
- 3 Business Entity or Person has paid all taxes, licenses, fees, fines and other charges which are outstanding and due to the City. E.g. false alarm fees, property standard fines, over-due water bills.
- 4 Business Entity or Person will provide written notification to the City's Purchasing Agent no later than the next work day after any of the above statements becomes invalid.
- 5 Upon request of the Purchasing Agent the City reserves the right to require a newly dated/issued Affidavit.

BY: [Signature]  
Printed Name: John Harris  
Title: Territory Sales Manager

SWORN TO AND SUBSCRIBED BEFORE ME, this 15 day of March, 20 21.

[Signature]  
Notary Public

#109169  
Notary Identification Number or LA Bar Roll Number  
\*\*\*\*\*



Mail **original** affidavit via U.S. mail or Deliver via other carrier or hand-delivery to:

Purchasing Division  
505 Travis St., Suite 610 | Shreveport, LA 71101

**Affidavit must be on file in the Purchasing Office before a contract, purchase order or check is issued.**

\*\* Form Revised 12/19/2019 \*\*

# City of Shreveport

## FELONY CONVICTION/E-VERIFY AFFIDAVIT

This document must be furnished by the lowest responsive Bidder in a separate envelope, or by fax, or e-mail not later than 10 days after the bid opening. Failure to submit at the specified time may result in the bid being declared as non-responsive. Do not submit with your IFB document.

IFB Number:   #21-005  

**By signing this document in accordance with La. R.S. 38:2227, the appearer, as a Bidder on the above project, does hereby attest that:**

- 1.0 No sole proprietor or individual partner, incorporator, director, manager, officer, organizer, or member who has a minimum of a ten percent (10%) ownership in the bidding entity named below has been convicted of, or has entered a plea of guilty or nolo contendere to any of the following state crimes or equivalent federal crimes:
  - 1.1 Public bribery (R.S. 14:118)
  - 1.2 Extortion (R.S. 14:66)
  - 1.3 Corrupt influencing (R.S. 14:120)
  - 1.4 Money laundering (R.S. 14:23)
- 2.0 Within the past five years from the project bid date, no sole proprietor or individual partner, incorporator, director, manager, officer, organizer, or member who has a minimum of a ten percent (10%) ownership in the bidding entity named below has been convicted of, or has entered a plea of guilty or nolo contendere to any of the following state crimes or equivalent federal crimes, during the solicitation or execution of a contract or bid awarded pursuant to the provisions of Chapter 10 of Title 38 of the Louisiana Revised Statutes:
  - 2.1 Theft (R.S. 14:67)
  - 2.2 Identity Theft (R.S. 14:67.16)
  - 2.3 Theft of a business record (R.S.14:67.20)
  - 2.4 False accounting (R.S. 14:70)
  - 2.5 Issuing worthless checks (R.S. 14:71)
  - 2.6 Bank fraud (R.S. 14:71.1)
  - 2.7 Forgery (R.S. 14:72)
  - 2.8 Contractors; misapplication of payments (R.S. 14:202)
  - 2.9 Malfeasance in office (R.S. 14:134)

**3.0 By signing this document in accordance with La. R.S. 38:2212.10, the appearer, as a Bidder on the above project, does hereby attest that:**

- 3.1 The private employer is registered and participates in a status verification system (E-Verify) to verify that all employees in the state of Louisiana are legal citizens of the United States or are legal aliens.
- 3.2 The private employer shall continue, during the term of the contract, to utilize a status verification system to verify the legal status of all new employees in the state of Louisiana.
- 3.3 The private employer shall require all subcontractors to submit to the employer a sworn affidavit verifying compliance with Paragraphs (3.1) and (3.2) of this Subsection.

If evidence is submitted substantiating that a false attestation has been made and the project must be readvertised or the contract cancelled, the awarded entity making the false attestation shall be responsible to the public entity for the cost of rebidding, additional costs due to increased cost of bids and any and all delay costs due to the rebid or cancellation of the contract.

**And, executes this document as:**

Company Name:   Hol-Mac Corporation    
 Address:   PO Box 349/160 Commerce Drive, Bay Springs, MS 39422    
 Phone Number:   601-764-4121   FAX Number:   601-764-4282    
 By:   John Harris   Territory Sales Manager 3/15/2021  
 Signature of Authorized Owner or Representative Title Date

Print Name:   John Harris   E-Mail Address:   harris.john@hol-mac.com    
 Fax to: 318-673-5408 OR E-Mail to: Dereka.Abner@shreveportla.gov (10-23-15)

License No. CV-2021-00143

2021

Not Transferable  
Valid Only at Address Below

# Louisiana Motor Vehicle Commission

This Certifies that

Hol-Mac Corporation  
DBA Pac-Mac  
160 Commerce Drive  
Bay Springs, MS 39422

is duly licensed as a

Converter/Secondary Manufacturer

of the following

Conversion(s): Pac-Mac Refuse & Recycling Equ (KB Series, RL Series, SL Series)

For the period ending December 31, 2021, unless license is sooner revoked.

In Witness whereof, LOUISIANA MOTOR VEHICLE COMMISSION, under and by virtue of the authority vested in it by the laws of the State of Louisiana, has caused this license to be issued with its seal imprinted hereon.



LOUISIANA MOTOR VEHICLE COMMISSION

Dated January 1, 2021

Signed, Sealed and Attested

Executive Director

(To be prominently displayed in place of business)

**Prepared For:**  
City of Shreveport Fleet  
Chris Wilder  
1731 Kings Highway  
Shreveport, LA 71103-  
(318)873 - 7450  
Reference ID: 25 Yard Packer

**Presented By:**  
Piller International / Idealease  
Stephen Piller  
7690 W. 70th Street (I-20)  
Shreveport LA 71129 -  
(318)221-2681

Thank you for the opportunity to provide you with the following quotation on a new International truck. I am sure the following detailed specification will meet your operational requirements, and I look forward to serving your business needs.

**Model Profile**  
**2022 HV607 SBA (HV607)**

<b>AXLE CONFIG:</b>	6X4
<b>APPLICATION:</b>	Packer - Rear Loader
<b>MISSION:</b>	Requested GVWR: 62000. Calc. GVWR: 62000 Calc. Start / Grade Ability: 18.90% / 1.94% @ 55 MPH Calc. Geared Speed: 73.2 MPH
<b>DIMENSION:</b>	Wheelbase: 226.00, CA: 158.90, Axle to Frame: 55.00
<b>ENGINE, DIESEL:</b>	{Cummins L9 350} EPA 2021, 350HP @ 2200 RPM, 1050 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 350 Peak HP (Max)
<b>TRANSMISSION, AUTOMATIC:</b>	{Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 62,000-lb GVW Max, Refuse/Mixer Omit Item (Clutch & Control)
<b>CLUTCH:</b>	{Meritor MFS-20-133A} Wide Track, I-Beam Type, 20,000-lb Capacity
<b>AXLE, FRONT NON-DRIVING:</b>	{Meritor RT-46-160} Single Reduction, 46,000-lb Capacity, 200 Wheel Ends Gear Ratio: 5.63
<b>AXLE, REAR, TANDEM:</b>	Conventional, Day Cab
<b>CAB:</b>	(2) 315/80R22.5 Load Range L M843 (BRIDGESTONE), 480 rev/mile, 65 MPH, All-Position
<b>TIRE, FRONT:</b>	(8) 11R22.5 Load Range H HDL2 (CONTINENTAL), 493 rev/mile, 75 MPH, Drive
<b>TIRE, REAR:</b>	{Hendrickson HMX EX 460} Walking Beam, 46,000-lb Capacity, 54" Axle Spacing, Rubber Springs, with Transverse Torque Rods, Rubber End Bushings
<b>SUSPENSION, REAR, TANDEM:</b>	Cab schematic 100WL Location 1: 9219, Winter White (Std) Chassis schematic N/A
<b>PAINT:</b>	

Code	Description
HV60700	Base Chassis, Model HV607 SBA with 226.00 Wheelbase, 158.90 CA, and 55.00 Axle to Frame.
1570	TOW HOOK, FRONT (2) Frame Mounted
1AND	AXLE CONFIGURATION (Navistar) 6x4
	<u>Notes</u> : Pricing may change if axle configuration is changed.
1CGE	FRAME RAILS Heat Treated Alloy Steel (125,000 PSI Yield); 11.25" x 4.00" x 0.500" (285.75mm x 101.6mm x 12.7mm); 480.8" (12212mm) Maximum OAL
1LLA	BUMPER, FRONT Swept Back, Steel, Heavy Duty
1WGY	WHEELBASE RANGE 221" (560cm) Through and Including 262" (665cm)
2ARY	AXLE, FRONT NON-DRIVING (Meritor MFS-20-133A) Wide Track, I-Beam Type, 20,000-lb Capacity
3AGA	SUSPENSION, FRONT, SPRING Parabolic Taper Leaf, Shackle Type, 20,000-lb Capacity, with Shock Absorbers
4091	BRAKE SYSTEM, AIR Dual System for Straight Truck Applications
	<u>Includes</u> : BRAKE LINES Color and Size Coded Nylon : DRAIN VALVE Twist-Type : GAUGE, AIR PRESSURE (2) Air 1 and Air 2 Gauges; Located in Instrument Cluster : PARKING BRAKE CONTROL Yellow Knob, Located on Instrument Panel : PARKING BRAKE VALVE For Truck : QUICK RELEASE VALVE On Rear Axle for Spring Brake Release: 1 for 4x2, 2 for 6x4 : SPRING BRAKE MODULATOR VALVE R-7 for 4x2, SR-7 with relay valve for 6x4/8x6
4732	DRAIN VALVE (Berg) with Pull Chain, for Air Tank
4AZA	AIR BRAKE ABS (Bendix AntiLock Brake System) 4-Channel (4 Sensor/4 Modulator) Full Vehicle Wheel Control System
4EBS	AIR DRYER (Bendix AD-9) with Heater
4EXU	BRAKE CHAMBERS, REAR AXLE (Bendix EverSure) 30/30 SqIn Spring Brake
4EXV	BRAKE CHAMBERS, FRONT AXLE (Bendix) 24 SqIn
4JBR	BRAKES, AIR CAM, PUSHER AXLE S-Cam; 15" x 4.0"; Includes MGM 20 Sq.In. Brake Chambers; Furnished with One Pusher Lift Axle
4LAG	SLACK ADJUSTERS, FRONT (Gunitite) Automatic
4LGG	SLACK ADJUSTERS, REAR (Gunitite) Automatic
4SPA	AIR COMPRESSOR (Cummins) 18.7 CFM
4VKC	AIR DRYER LOCATION Mounted Inside Left Rail, Back of Cab
4VKK	AIR TANK LOCATION (2) Mounted Under Battery Box, Outside Right Rail, Back of Cab, Perpendicular to Rail
4WBX	DUST SHIELDS, FRONT BRAKE for Air Cam Brakes
4WDM	DUST SHIELDS, REAR BRAKE for Air Cam Brakes
4XDL	BRAKES, FRONT (Bendix Spicer ES-165-6X) Air S-Cam Type, Heavy Duty Fabricated Spider, Fabricated Shoe, Single Anchor Pin, Size 16.5" X 6", 23,000-lb Capacity
4XDN	BRAKES, REAR (Bendix Spicer ES-165-8X) Air S-Cam Type, Heavy Duty Fabricated Spider, Fabricated Shoe, Single Anchor Pin, Size 16.5" X 8.625", 23,000-lb Capacity per Axle
4XEE	PARK BRAKE CHAMBERS, ADDITIONAL (2) Spring Brake Type

<u>Code</u>	<u>Description</u>
5710	STEERING COLUMN Tiling and Telescoping
5CAW	STEERING WHEEL 4-Spoke; 18" Dia., Black
5PTB	STEERING GEAR (2) {Sheppard M100/M80} Dual Power
6DGZ	DRIVELINE SYSTEM {Dana Spicer} 1710 Main Driveline with 1710 Interaxle Shaft, for 6x4
7BEV	AFTERTREATMENT COVER Steel, Black
7BLW	EXHAUST SYSTEM Horizontal Aftertreatment System, Frame Mounted Right Side Under Cab, for Single Vertical Tail Pipe, Frame Mounted Right Side Back of Cab
7WAZ	TAIL PIPE (1) Turnback Type
7WCM	EXHAUST HEIGHT 8' 10"
7WDN	MUFFLER/TAIL PIPE GUARD (1) Aluminum
8000	ELECTRICAL SYSTEM 12-Volt, Standard Equipment
	<u>Includes</u>
	: DATA LINK CONNECTOR For Vehicle Programming and Diagnostics In Cab
	: HAZARD SWITCH Push On/Push Off, Located on Instrument Panel to Right of Steering Wheel
	: HEADLIGHT DIMMER SWITCH Integral with Turn Signal Lever
	: PARKING LIGHT Integral with Front Turn Signal and Rear Tail Light
	: STARTER SWITCH Electric, Key Operated
	: STOP, TURN, TAIL & B/U LIGHTS Dual, Rear, Combination with Reflector
	: TURN SIGNAL SWITCH Self-Cancelling for Trucks, Manual Cancelling for Tractors, with Lane Change Feature
	: WINDSHIELD WIPER SWITCH 2-Speed with Wash and Intermittent Feature (5 Pre-Set Delays), Integral with Turn Signal Lever
	: WINDSHIELD WIPERS Single Motor, Electric, Cowl Mounted
	: WIRING, CHASSIS Color Coded and Continuously Numbered
8GXD	ALTERNATOR {Leece-Neville AVI160P2013} Brush Type, 12 Volt, 160 Amp Capacity, Pad Mount, with Remote Sense
8HAB	BODY BUILDER WIRING Back of Day Cab at Left Frame or Under Sleeper, Extended or Crew Cab at Left Frame; Includes Sealed Connectors for Tail/Amber Turn/Marker/ Backup/Accessory Power/Ground and Sealed Connector for Stop/Turn
8HXT	HORN, AIR (2) Single Tone, Chrome, Roof Mounted, with Lanyard Pull Cord
8MJU	BATTERY SYSTEM {Fleetrite} Maintenance-Free, (3) 12-Volt 2850CCA Total, Top Threaded Stud
8RMH	BATTERY DISCONNECT SWITCH {Cole-Hersee 75920-06} 300 Amp, Disconnects Charging Circuits, Locks with Padlock, Battery Box Mounted
8RMV	SPEAKERS (2) 6.5" Dual Cone Mounted in Doors
8RPT	RADIO AM/FM/WB/Clock/USB Input/Auxiliary Input
8THB	BACK-UP ALARM Electric, 102 dBA
8VAY	HORN, ELECTRIC Disc Style
8VUJ	BATTERY BOX Steel, with Plastic Cover, 18" Wide, 2-4 Battery Capacity, Mounted Right Side Back of Cab
8WPH	CLEARANCE/MARKER LIGHTS (5) {Truck Lite} Amber LED Lights, Flush Mounted on Cab or Sunshade
8WTK	STARTING MOTOR {Delco Remy 38MT Type 300} 12 Volt, Less Thermal Over-Crank Protection
8WWJ	INDICATOR, LOW COOLANT LEVEL with Audible Alarm
8XAH	CIRCUIT BREAKERS Manual-Reset (Main Panel) SAE Type III with Trip Indicators, Replaces All Fuses

<u>Code</u>	<u>Description</u>
8XGT	TURN SIGNALS, FRONT Includes LED Side Turn Lights Mounted on Fender
9AAB	LOGOS EXTERIOR Model Badges
9AAE	LOGOS EXTERIOR, ENGINE Badges
9HAT	GRILLE Stationary, Painted Grille & Headlight Bezels 8752 Charcoal Metallic
9WAC	BUG SCREEN Mounted Behind Grille
9WBC	FRONT END Tiling, Fiberglass, with Three Piece Construction, for WorkStar/HV
10060	PAINT SCHEMATIC, PT-1 Single Color, Design 100  <u>Includes</u> : PAINT SCHEMATIC ID LETTERS "WL"
10761	PAINT TYPE Base Coat/Clear Coat, 1-2 Tone
10NZL	SPECIAL RATING, GVWR Limited to 80,000-lb GVWR
10RHG	DUAL DRIVE Customer Does Not Intend to Convert to In-Cab Dual Drive Positions
10SLV	PROMOTIONAL PACKAGE Government Silver Package
10WCY	SAFETY TRIANGLES
10XAN	FIRE EXTINGUISHER 5 lb Class A B C
10XAP	FIRE EXTINGUISHER BRACKET Mounted Left Side Driver Seat
11001	CLUTCH Omit Item (Clutch & Control)
12703	ANTI-FREEZE Red, Extended Life Coolant; To -40 Degrees F/ -40 Degrees C, Freeze Protection
12849	BLOCK HEATER, ENGINE 120V/1000W, for Cummins ISB/B6.7/ISL/L9 Engines  <u>Includes</u> : BLOCK HEATER SOCKET Receptacle Type; Mounted below Drivers Door
12ESN	ENGINE, DIESEL {Cummins L9 350} EPA 2021, 350HP @ 2200 RPM, 1050 lb-ft Torque @ 1200 RPM, 2200 RPM Governed Speed, 350 Peak HP (Max)
12THT	FAN DRIVE {Horton Drivemaster} Two-Speed Type, Direct Drive, with Residual Torque Device for Disengaged Fan Speed  <u>Includes</u> : FAN Nylon
12UWZ	RADIATOR Aluminum, Cross Flow, Front to Back System, 1228 SqIn, with 1167 SqIn Charge Air Cooler, Includes In-Tank Oil Cooler  <u>Includes</u> : DEAERATION SYSTEM with Surge Tank : HOSE CLAMPS, RADIATOR HOSES Gates Shrink Band Type; Thermoplastic Coolant Hose Clamps : RADIATOR HOSES Premium, Rubber
12VBC	AIR CLEANER Single Element
12VHR	FEDERAL EMISSIONS {Cummins L9} EPA, OBD and GHG Certified for Calendar Year 2021
12VXU	THROTTLE, HAND CONTROL Engine Speed Control for PTO; Electronic, Stationary Pre-Set, Two Speed Settings; Mounted on Steering Wheel
12WZE	EMISSION COMPLIANCE Federal, Does Not Comply with California Clean Air Idle Regulations
12XBM	ENGINE CONTROL, REMOTE MOUNTED Provision for; Includes Wiring for Body Builder Installation of PTO Controls and Starter Lockout, with Ignition Switch Control, for Cummins B6.7 and L9 Engines

Code	Description
13AAZ	AUTOMATIC NEUTRAL Allison 3000 & 4000 Series Transmission Shifts to Neutral When Parking Brake is Engaged
13AVS	TRANSMISSION, AUTOMATIC {Allison 3000 RDS} 5th Generation Controls, Close Ratio, 6-Speed with Double Overdrive, with PTO Provision, Less Retarder, Includes Oil Level Sensor, with 62,000-lb GVW Max, Refuse/Mixer
13WET	TRANSMISSION SHIFT CONTROL Column Mounted Stalk Shifter, Not for Use with Allison 1000 & 2000 Series Transmission
13WLP	TRANSMISSION OIL Synthetic; 29 thru 42 Pints
13WUK	ALLISON SPARE INPUT/OUTPUT for Rugged Duty Series (RDS), Side Loaders, Package Number 170
13WVV	NEUTRAL AT STOP Allison Transmission Shifts to Neutral When Service Brake is Depressed and Vehicle is at Stop; Remains in Neutral Until Service Brake is Released
13WYH	TRANSMISSION TCM LOCATION Located Inside Cab
13WYU	SHIFT CONTROL PARAMETERS {Allison} 3000 or 4000 Series Transmissions, Performance Programming
13XAL	PTO LOCATION Customer Intends to Install PTO at Left Side of Transmission
14GRD	AXLE, REAR, TANDEM {Meritor RT-46-160} Single Reduction, 46,000-lb Capacity, 200 Wheel Ends . Gear Ratio: 5.63
14RAR	AXLE, LIFT, CONTROLS for One Lift Axle; Controls Inside and Outside Cab; Includes Lift/Lower Switch Inside Cab on Dash; Pressure Gauge and Pressure Regulator Outside Cab
14UAA	AXLE SPACING, FIRST PUSHER 45" Ahead of Drive Axle
14UMX	SUSPENSION, REAR, TANDEM {Hendrickson HMX EX 460} Walking Beam, 46,000-lb Capacity, 54" Axle Spacing, Rubber Springs, with Transverse Torque Rods, Rubber End Bushings
14WCP	TORQUE RODS {Hendrickson} TRAAX Rods, Longitudinal Only
14WCR	TRANSVERSE TORQUE RODS {Hendrickson} TRAAX Rod, Transverse Only
14WNH	AXLE, PUSHER, LIFT TYPE {Watson & Chalin SL1190SSR Tru-Trk Alumilite} 13,500-lb Capacity, One Self-Steer Axle
15DYP	DEF TANK 9.5 US Gal (36L) Capacity, Frame Mounted Outside Left Rail, Under Cab
15LNR	FUEL/WATER SEPARATOR {Racor 400 Series} with Primer Pump, Includes Water-in-Fuel Sensor, Mounted on Engine
15SJZ	FUEL TANK Top Draw, Non-Polished Aluminum, 26" Dia, 80 US Gal (303L), Mounted Left Side, Under Cab
16030	CAB Conventional, Day Cab
16BAM	AIR CONDITIONER with Integral Heater and Defroster
16GDC	GAUGE CLUSTER Base Level; English with English Speedometer and Tachometer, for Air Brake Chassis, Includes Engine Coolant Temperature, Primary and Secondary Air Pressure, Fuel and DEF Gauges, Oil Pressure Gauge, Includes 3 Inch Monochromatic Text Display
16HGH	GAUGE, OIL TEMP, AUTO TRANS for Allison Transmission
16HKT	IP CLUSTER DISPLAY On Board Diagnostics Display of Fault Codes in Gauge Cluster
16JNT	SEAT, DRIVER {National 2000} Air Suspension, High Back with Integral Headrest, Vinyl, Isolator, 1 Chamber Lumbar, with 2 Position Front Cushion Adjust, -3 to +14 Degree Angle Back Adjust
16SMH	SEAT, TWO-MAN PASSENGER {National} Fixed Back, Integrated Headrest in Both Occupant Positions, Vinyl, with Under Seat Storage Compartment

<u>Code</u>	<u>Description</u>
16SNL	MIRRORS (2) C-Loop, Black Heads and Arms, 7.5" x 14" Flat Glass, Includes 7.5" x 7" Convex Mirrors, for 102" Load Width  <u>Notes</u> : Mirror Dimensions are Rounded to the Nearest 0.5"
16VKB	CAB INTERIOR TRIM Classic, for Day Cab  <u>Includes</u> : CONSOLE, OVERHEAD Molded Plastic with Dual Storage Pockets, Retainer Nets and CB Radio Pocket; Located Above Driver and Passenger : DOME LIGHT, CAB Door Activated and Push On-Off at Light Lens, Timed Theater Dimming, Integral to Overhead Console, Center Mounted : SUN VISOR (2) Padded Vinyl; 2 Moveable (Front-to-Side) Primary Visors, Driver Side with Toll Ticket Strap
16WSK	CAB REAR SUSPENSION Air Bag Type
16XCK	WINDOW, MANUAL (2) and Manual Door Locks, Left and Right Doors
16XJN	INSTRUMENT PANEL Flat Panel
16ZBT	ACCESS, CAB Steel, Driver & Passenger Sides, Two Steps per Door, for use with Day Cab and Extended Cab
27DPN	WHEELS, FRONT {Accuride 29039} DISC; 22.5x9.00 Rims, Powder Coat Steel, 5-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs, Non-Standard Offset, with .5" Thick Disc
28DTJ	WHEELS, REAR {Maxion 90541} DUAL DISC; 22.5x8.25 Rims, Painted Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut, with Steel Hubs
29PAS	PAINT IDENTITY, REAR WHEELS Disc Rear Wheels; with Vendor Applied White Powder Coat Paint
34ACJ	WHEELS, LIFT AXLE PUSHER {Accuride 51408} Single Wheels, For One Lift Axle; 22.5x8.25 Rims, Powder Coat Steel, 2-Hand Hole, 10-Stud, 285.75mm BC, Hub-Piloted, Flanged Nut << Pricing Includes Standard Tires >>
60AKG	BDY INTG, PTO ACCOMMODATION for (3) Latched Rocker Switches, (1) PTO Switch, (2) Generic Switches to Control (3) 30 amp relays, with Programmable Interlocks, for Body Builder Hook up in the Engine Compartment Left Side, Recommended for Automatic Transmissions
7382135432	(8) TIRE, REAR 11R22.5 Load Range H HDL2 (CONTINENTAL), 493 rev/mile, 75 MPH, Drive
7752525421	(2) TIRE, PUSHER 255/70R22.5 Load Range H HSR2 SA (CONTINENTAL), 565 rev/mile, 75 MPH, All-Position
7762549052	(2) TIRE, FRONT 315/80R22.5 Load Range L M843 (BRIDGESTONE), 480 rev/mile, 65 MPH, All-Position
	<b>Services Section:</b>
40128	WARRANTY Standard for HV507, HV50B, HV607 Models, Effective with Vehicles Built July 1, 2017 or Later, CTS-2025A  inspection sticker



Post Office Box 349  
160 Commerce Drive  
Bay Springs, MS 39422  
Phone: 601-764-4121  
Fax: 601-764-4282

## SPECIFICATION

For "RLX25 BRUTAL" Extra High Compaction Rear Loader  
Truck-Mounted, 25 Cubic Yard Rear Loader Body.

THE UNIT WILL BE USED IN COLLECTION AND LOADING OF RESIDENTIAL OR COMMERCIAL REFUSE. THIS SPECIFICATION DESCRIBES A HYDRAULICALLY ACTUATED PACKER BODY OF THE REAR LOADING TYPE WITH THE FOLLOWING MINIMUM SPECIFICATIONS NECESSARY TO PERFORM THE WORK ASSIGNED.

**UNIT WILL BE MANUFACTURED IN AN ISO 9001:2008 CERTIFIED FACILITY.**

THE BODY SHALL CONFORM TO THE LATEST ANSI Z245 SPECIFICATION AS WELL AS THE FEDERAL MOTOR VEHICLE SAFETY STANDARD FMVSS-108 AT THE TIME OF MANUFACTURE.

ALL PROPOSALS INCLUDE DELIVERY, TRAINING OF OPERATORS AND SERVICE PERSONNEL.

1. THE MINIMUM CAPACITY OF THE BODY SHALL BE 25 CUBIC YARDS EXCLUSIVE OF THE HOPPER.
2. THE MINIMUM CAPACITY OF THE HOPPER SHALL BE 3.61 CUBIC YARDS WITHOUT THE USE OF A HOPPER LOADING SILL EXTENSION.
3. THE BODY SHALL BE DESIGNED TO ALLOW HIGH DENSITY COMPACTION OF 1000 LBS. PER CUBIC YARD OF HOUSEHOLD REFUSE.
4. THE UNIT SHALL BE MANUFACTURED IN AN ISO 9001:2008 CERTIFIED FACILITY.

### BODY DIMENSIONS

1. THE MAXIMUM OVERALL WIDTH SHALL BE 96 INCHES.
2. THE MAXIMUM OVERALL LENGTH SHALL BE 250 INCHES.
3. THE MAXIMUM HEIGHT ABOVE THE CHASSIS FRAME SHALL BE 98" INCHES.
4. THE INSIDE WIDTH OF THE BODY SHALL BE 85 INCHES AT THE WIDEST POINT.
5. THE INSIDE HEIGHT OF THE BODY SHALL BE 84 INCHES AT THE HIGHEST POINT.
6. THE MINIMUM WEIGHT OF THE BODY AND THE TAILGATE (LESS SPECIAL OPTIONS) SHALL BE 14,000 LBS.

### BODY CONSTRUCTION

1. THE BODY SHALL HAVE A SMOOTH FLOOR WITHOUT A TROUGH. NO CYLINDERS, VALVES OR OTHER HYDRAULIC COMPONENTS SHALL BE EXPOSED TO REFUSE PACKED INTO THE BODY.
2. THE BODY FLOOR, SIDES AND ROOF SHALL BE DESIGNED AND CONSTRUCTED TO WITHSTAND MAXIMUM IMPOSED FORCE OF RESIDENTIAL REFUSE WITHOUT STRUCTURAL DAMAGE OR EXCESSIVE WEAR.
3. THE BODY SIDES SHALL BE FABRICATED FROM 10 GAUGE 80,000 PSI YIELD STEEL AND BE OF A CURVED ONE-PIECE DESIGN.
4. THE BODY ROOF SHALL BE FABRICATED FROM 10 GAUGE 80,000 PSI YIELD STEEL AND BE OF A CURVED ONE-PIECE DESIGN.
5. A 46" X 35" BODY SIDE DOOR SHALL BE LOCATED ON THE DRIVER'S SIDE. THE DOOR SHALL BE HELD SHUT BY A SPRING-LOADED LATCH.
6. THE BODY FLOOR SHALL BE FABRICATED FROM A SINGLE SHEET OF 7 GAUGE HI-TENSILE STEEL, WITH NO DEPRESSION OR TROUGH.
7. THE BODY LONGITUDINAL SHALL BE 8" X 3" STRUCTURAL TUBE.
8. THE FLOOR CROSS MEMBERS SHALL BE TAPERED FROM THE LONG SILL OUTBOARD TO THE BODY SIDE SHEET.
9. THE FLOOR CROSS MEMBERS SHALL BE FABRICATED FROM 7 GAUGE HI-TENSILE STEEL.

#### **TAILGATE DIMENSIONS**

1. THE MINIMUM HOPPER OPENING SHALL BE 80" WIDE AND 56" HIGH TO PERM UNOBSTRUCTED LOADING OF THE TAILGATE HOPPER.
2. THE TOP OF THE LOADING SILL SHALL BE EQUAL HEIGHT TO THE TOP OF CHASSIS FRAME TO FACILITATE EASY LOADING.
3. THE OVERALL HEIGHT ABOVE THE CHASSIS FRAME WITH TAILGATE RAISED SHALL BE 167 INCHES.
4. THE LENGTH OF THE TAILGATE SHALL BE 75"

#### **TAILGATE CONSTRUCTION**

1. THE LOWER TAILGATE SIDES SHALL BE FABRICATED FROM ASTM A-514 STEEL W/ MINIMUM HARDNESS OF 321 BHN.
2. THE HOPPER FLOOR AND CHUTE SHALL BE FABRICATED FROM 1/4" ASTM A-514 STEEL W/ MINIMUM HARDNESS OF 321 BHN.
3. THE TAILGATE SIDES SHALL BE REINFORCED WITH HI-TENSILE STEEL CHANNELS INTERLACED

AND FULLY WELDED TO THE SIDE SHEETS.

4. THE HOPPER AND CHUTE FLOOR SHALL BE REINFORCED WITH HI-TENSILE STEEL CHANNELS.
5. THE TAILGATE SHALL BE SECURED TO THE BODY WITH TAILGATE LOCK BARS MADE OF ASTM A-514 STEEL. THE TAILGATE LOCKS SHALL OPERATE AUTOMATICALLY WHEN THE TAILGATE IS RAISED OR LOWERED.
6. THE TAILGATE SEAL SHALL EXTEND A MINIMUM 24 INCHES UP THE BODY SIDE.
7. TWO GRAB HANDLES SHALL BE LOCATED ON EACH SIDE OF THE TAILGATE.
8. THE REAR STEPS SHALL BE FABRICATED FROM OPEN GRIP MATERIAL WITH A MINIMUM STANDING SURFACE OF 330 SQUARE INCHES PER STEP. THE STEPS SHALL COMPLY WITH A.N.S.I. STANDARDS. STEPS SHALL BE OF A BOLT-ON DESIGN.

### **PACKING MECHANISM**

1. THE PACKING CYCLE SHALL BE CONTROLLED BY A TWO-LEVER CONTROL THAT ALLOWS THE OPERATOR TO START, STOP AND REVERSE THE DIRECTION OF ANY FUNCTION AT ANY POINT DURING THE PACKING CYCLE.
2. THE TAILGATE CONTROL VALVE SHALL BE LOCATED WITHIN THE TAILGATE. IT SHALL BE A SECTIONAL VALVE.
3. THE PACKING MECHANISM SHALL CONSIST OF TWO PRIMARY COMPONENTS:  
THE SLIDE AND THE PACKER (SWEEP) BLADE.
  - A. THE PACKING MECHANISM SHALL BE MOUNTED ON FOUR WEAR SHOE ASSEMBLIES UTILIZING UHMW POLY WEAR SHOES. THE SHOES SHALL BE REPLACEABLE WITHOUT REMOVING THE SLIDE ASSEMBLY FROM THE TAILGATE.  
  
THE PACKER AND SLIDE SHALL BE HINGED BY TWO 3" DIAMETER ALLOY STEEL PINS.  
THESE PINS SHALL ALSO SUPPORT THE (2) LOWER WEAR SHOE ASSEMBLIES.
  - B. THE SLIDE FACE SHALL BE CONSTRUCTED FROM 3/16" ASTM A-514 STEEL W/ MINIMUM HARDNESS OF 321 BHN.
  - C. THE PACKER BLADE SHALL BE MOUNTED TO, AND PIVOT ON, THE SLIDE.  
THE PACKER BLADE SHALL BE FABRICATED FROM HI-TENSILE STEEL PLATE, OF VARYING THICKNESS FROM 10 GA. TO 1/2"
  - D. THE PACKER SHALL HAVE REPLACEABLE HEAT TREATED BUSHINGS IN THE PIVOTS.  
THE FACE SHEET SHALL BE 3/16" ASTM A-514 STEEL W/ MINIMUM HARDNESS OF 321 BHN.
4. THE PACKING MECHANISM SHALL BE POWERED BY TWO 5" BORE CUSHIONED HYDRAULIC CYLINDERS
5. THE SLIDE MECHANISM SHALL BE POWERED BY TWO 5 1/2" BORE CUSHIONED HYDRAULIC CYLINDERS

6. THE SLIDE AND PACKER CYLINDERS SHALL HAVE HARDENED, CHROME PLATED RODS. EACH CYLINDER SHALL HAVE REPLACEABLE HEAT TREATED BUSHINGS.
7. THE PACKING BLADES SHALL OPERATE IN A MINIMUM 20 SECOND CYCLE TIME WITH A MINIMUM 3 SECOND RELOAD TIME.
8. THE COMPACTION CYCLE SHALL INTERRUPT ABOVE THE HOPPER SILL.
9. MATERIAL IN THE HOPPER SHALL BE COMPACTED BETWEEN THE PACKING MECHANISM AND THE EJECTOR PANEL. THE EJECTOR PANEL SHALL HOLD PRESSURE AGAINST THE COMPACTED MATERIAL AND WILL AUTOMATICALLY DRIFT FORWARD BY A HYDRAULIC LOAD CONTROL VALVE WITHOUT OPERATOR ASSISTANCE.
10. THE PACKER BLADE (SWEEP) ASSEMBLY SHALL BE PROTECTED BY A SECONDARY RELIEF VALVE THAT IS INTEGRAL TO THE TAILGATE- MOUNTED CONTROL VALVE.

### **EJECTION SYSTEM**

1. THE LOAD SHALL BE EJECTED BY A DOUBLE ACTING, TELESCOPIC HYDRAULIC CYLINDER THAT SHALL EXTEND AND RETRACT THE EJECTOR PANEL THE FULL LENGTH OF THE BODY WITHOUT THE USE OF CLAMP BARS OR RELATED HARDWARE.
2. THE EJECTOR CYLINDER SHALL HAVE REPLACEABLE HEAT TREATED BUSHINGS. THE CYLINDER SHALL HAVE THE FOLLOWING DIMENSIONS:

CYLINDER:	BORE	STROKE	STAGES
	6.5"	27"	3

3. THE EJECTOR PANEL SHALL HAVE A 10 GAUGE HI-TENSILE STEEL FACE SHEET THAT IS REINFORCED BY STRUCTURAL STEEL TUBING AND FORMED CHANNELS OF HIGH TENSILE STEEL.
4. THE EJECTOR PANEL SHALL BE MOUNTED ON 8 HIGH-DENSITY POLYETHYLENE WEAR SHOES THAT SHALL BE REPLACEABLE WITHOUT REMOVING THE EJECTOR PANEL FROM THE BODY.
5. THE EJECTOR PANEL SHALL BE GUIDED IN THE BODY BY TWO GUIDE TRACKS LOCATED ON THE BODY SIDES 4" ABOVE THE BODY FLOOR. THE TRACKS SHALL BE 5 3/4" DEEP, FABRICATED FROM HI-TENSILE STEEL AND FULLY WELDED TO THE BODY SIDES.
6. THE EJECTOR CYLINDER SHALL BE MOUNTED ANGULARLY TO THE BODY FLOOR AND NOT REQUIRE A TROUGH OR DEPRESSION IN THE FLOOR.

### **CONTROLS**

1. THE EJECTOR AND TAILGATE LIFT CONTROLS SHALL BE MOUNTED AT THE LEFT FRONT OF THE BODY.
2. EJECTOR AND TAILGATE CONTROLS SHALL BE MOUNTED DIRECTLY TO THE VALVE SPOOL.
3. A THROTTLE ADVANCE SWITCH SHALL BE LOCATED CONVENIENT TO THE EJECTOR LIFT CONTROLS.
4. THE TAILGATE CONTROLS SHALL BE LOCATED AT THE RIGHT REAR OF THE TAILGATE. THE TWO-

LEVER DESIGN SHALL HAVE POSITIVE CONTROL OF MOVEMENT OF THE PACKING MECHANISM AT ALL TIMES. THE TAILGATE CONTROLS SHALL COMPLY WITH THE APPLICABLE A.N.S.I REGULATIONS.

5. AN AUTOMATIC THROTTLE ADVANCE DEVICE SHALL BE INCORPORATED WITH THE TAILGATE CONTROLS.

## **HYDRAULIC SYSTEM**

1. THE HYDRAULIC PUMP SHALL BE A FIXED DISPLACEMENT RATED AT NO LESS THAN 2500 PSI WORKING PRESSURE AND HAVE SUFFICIENT CAPACITY TO EQUAL 35-38 GPM FLOW AT A REASONABLE ENGINE RPM
2. THE HYDRAULIC PUMP SHALL BE A DIRECT MOUNT TO A TRANSMISSION-DRIVEN CLUTCH-ACTIVATED HOT SHIFT PTO OR DRIVEN BY THE ENGINE CRANKSHAFT.
3. FOR EXTENDED LIFE OF ALL HYDRAULIC COMPONENTS THE MAXIMUM OPERATING PRESSURE SHALL NOT EXCEED 2,750 PSI.
4. THE HYDRAULIC SYSTEM SHALL INCORPORATE AN ADJUSTABLE RELIEF IN THE BODY VALVE.
5. HYDRAULIC HOSES AND TUBES SHALL BE SECURED BY CLAMPS AS REQUIRED TO PREVENT DAMAGE FROM ABRASION AND VIBRATION. HYDRAULIC HOSES AND TUBES SHALL USE S.A.E. O-RING BOSS AND JIC 37 DEGREE FLARE ENDS FOR ZERO LEAKS.
6. HYDRAULIC HOSES SHALL COMPLY WITH THE APPLICABLE S.A.E. STANDARDS FOR THE DESIGNED SPECIFICATIONS.
7. HYDRAULIC HOSES ARE TO HAVE A 4:1 BURST TO WORKING PRESSURE SAFETY FACTOR.
8. THE HYDRAULIC OIL RESERVOIR SHALL HAVE A MINIMUM CAPACITY OF 50 GALLONS. THE RESERVOIR SHALL BE EQUIPPED WITH FILLER, BREATHER CAP, SIGHT GLASS, CLEAN OUT COVER, 100 MESH SUCTION FILTER, MAGNETIC TANK DRAIN PLUG AND GATE VALVE AT THE SUCTION OUTLET. THE HYDRAULIC RESERVOIR SHALL NOT BE A STRUCTURAL MEMBER OF THE BODY OR THE MOUNT FOR THE EJECTOR CYLINDER.
9. A 10 MICRON INLINE RETURN LINE FILTER SHALL BE LOCATED ON THE HYDRAULIC TANK AND BE EQUIPPED WITH A CONDITION INDICATOR.
10. A SUCTION SCREEN FILTER OF 100 MESH (141 MICRON) SHALL STRAIN ALL THE OIL LEAVING THE TANK. SUCTION FILTER SHALL BE EQUIPPED WITH A 5 P.S.I. BYPASS VALVE.
11. ALL HYDRAULIC VALVES SHALL BE SECTIONAL IN ORDER TO ALLOW REPLACEMENT OF DEFECTIVE SECTIONS WITHOUT REPLACEMENT OF THE ENTIRE VALVE.
12. ALL CYLINDERS AND VALVES SHALL HAVE SAE O-RING BOSS PORTS.

13. HYDRAULIC SYSTEM SHALL MET AN ISO CLEANLINESS STANDARD OF 20/18/13

14. MANUFACTURER SHALL PROVIDE PRINTED ISO HYDRAULIC CLEANLINESS RECORD.

### **HYDRAULIC CYLINDERS**

1. ALL CYLINDERS SHALL HAVE A WORKING PRESSURE RATING OF 3000 PSI.
2. THE PACKER AND SLIDE CYLINDERS SHALL HAVE HARD CHROME PLATED RODS.
3. THE PACKER AND SLIDE CYLINDERS SHALL CARRY A MINIMUM ONE YEAR WARRANTY.
4. TAILGATE CYLINDERS SHALL HAVE HARDENED CHROME PLATED CYLINDER RODS, AND BE EQUIPPED WITH RESTRICTORS TO LIMIT THE SPEED OF RAISING AND LOWERING OF THE TAILGATE.
5. TELESCOPIC CYLINDERS SHALL HAVE CHROME PLATED CYLINDER SLEEVES AND PLUNGERS
6. ALL CYLINDERS ARE TO OPERATE WITHOUT DIRECT CONTACT WITH THE COMPACTED LOAD.

### **ELECTRICAL**

1. ALL ELECTRICAL WIRING SHALL BE COLOR CODED AND BE PROTECTED BY LOOM.
2. ELECTRICAL HARNESSSES SHALL BE CONNECTED WITH WEATHERPROOF AUTOMOTIVE-GRADE ELECTRICAL CONNECTORS.
3. ELECTRICAL WIRES SHALL BE STRANDED COPPER TYPE WITH A SXL COVERING TO REMAIN FLEXIBLE AND RESIST DETERIORATION.
4. ELECTRICAL WIRES SHALL BE COLOR CODED AND NUMBERED FOR EASY IDENTIFICATION.
5. BODY ELECTRICAL SYSTEM SHALL BE PROTECTED WITH ITS OWN FUSE BLOCK.
6. ALL FUSES SHALL BE ATO TYPE.
7. ALL LIMIT SWITCHES SHALL BE WATER PROOF TO PREVENT DAMAGE FROM THE ELEMENTS AND PRESSURE WASHING.
8. ALL LIGHTING SHALL COMPLY WITH F.M.V.S.S. #108, WITH AN ADDITIONAL SET OF TWO STOP, TAIL AND TURN LIGHTS MOUNTED ABOVE THE HOPPER ON A LIGHT BAR.
9. CLEARANCE, BACKUP, STOP AND DIRECTIONAL LIGHTS SHALL BE RUBBER GROMMET MOUNTED WITH SEALED LIGHT HOUSINGS, LEXAN LENSES, VIBRATION RESISTANT FILAMENTS, AND UNITIZE SEALED QUICK CHANGE CONNECTIONS.
10. A 112 Db BACKUP ALARM CONFORMING TO CURRENT STANDARDS MUST BE PROVIDED. THE ALARM MUST ALSO SOUND WHEN THE TAILGATE IS OPEN.
11. CONSPICUITY TAPE SHALL BE APPLIED PER ANSI Z245 REQUIREMENTS.

## **PAINTING**

1. ALL BURRS AND ROUGH AREAS ARE TO BE GROUND SMOOTH AND ALL WELDS CLEANED TO REMOVE SLAG.
2. PRIOR TO APPLICATION OF ANY COATING, ALL SURFACES SHALL BE THOROUGHLY CLEANED AND CONDITIONED WITH A PHOSPHATE SOLUTION.
3. THE BODY SHALL THEN BE COATED WITH TWO (2) COATS OF A SELF- ETCHING EPOXY PRIMER.
4. TWO FINISH COATS OF POLYURETHANE ENAMEL SHALL BE APPLIED TO PRODUCE A HIGH GLOSS FINISH.

## **WARRANTY**

1. ONE YEAR WARRANTY ON THE ENTIRE UNIT.
2. THREE YEAR WARRANTY ON HYDRAULIC CYLINDERS.
3. ON-SITE WARRANTY SERVICE.
4. QUARTERLY INSPECTIONS OF THE BODY UNDER WARRANTY WITH AVAILABLE SERVICE OPTIONS.

## **OTHER REQUIREMENTS:**

HOPPER WORK LIGHTS

DUAL CART TIPPERS

SMART LIGHTS



POST OFFICE BOX 349  
 160 COMMERCE DRIVE  
 BAY SPRINGS, MS 39422  
 PHONE: 601-764-4121

**QUOTE**

Quote Number: JMH-016

Quote to: City of Shreveport

Prepared by: Brittney McCraw

Date: 3/15/2021  
 Expires: 5/14/2021  
 Reference: Shreveport, LA  
 Sales Person: John Harris  
 Contact Info: 601-764-7050

Pricing below does not include Delivery or FET

**Description**

1 RLX25 Brutal 25 Cubic Yard Rear Loader

**Standard Features**

- Emergency stop on curb side
- Driver alert buttons on both sides
- Hot Shift PTO
- Paint: White
- LED Lighting
- Dual Amber Oval LED Strobe, Rear

**Standard Options**

- Center Tail Light
- STD Hopper Work Lights
- Oversize Steps
- Limb Guard

**Strobe(s) Options**

- Dual Amber Oval Strobes - Front
- Peterson Smart Lights

**Control Package**

- Standard + (2) Tippers

**Cart Tipper(s)**

- Perkins Cart Tipper (Qty 2)

2 HMC Supplied Chassis 2022 International HV 607

3 Delivery Charge Delivery Charge - unit shipping and freight charges (if needed) to be determined. HMC can arrange for drive-away service.

4 Warranty Pac-Mac standard warranty includes the following:  
 Major Structural Component Parts - 1 year  
 Non-Hydraulic Replacement Parts - 1 year

5 Order Acceptance To accept this quote as an order, please sign and date below and return this quote along with a PO. Quote price is per unit. Thank you for choosing Hol-Mac Corporation.

DELIVERY: FOB Bay Springs, MS  
 LEAD TIME: 60-90 ARC and ARO  
 \*lead time starts when Hol-Mac receives both PO and chassis at our facility  
 TERMS: Net 30 Days

By signing below, the customer agrees to the terms and conditions that are provided with this quote/order.

PO# \_\_\_\_\_ By \_\_\_\_\_ Date \_\_\_\_\_



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160 COMMERCE DRIVE  
BAY SPRINGS, MS 39422  
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[Pricing below does not include Delivery or FET](#)

Description	Total
	\$163,000.00

## HOL-MAC CORPORATION WARRANTY POLICY

Hol-Mac Corp. (Pac-Mac ®) warrants each Hol-Mac product it manufactures and each new part and component sold by Hol-Mac to be free of defects in material and workmanship, provided the parts and components are operated and maintained in accordance with Hol-Mac published operating and maintenance instructions applicable thereto. This warranty is subject to the terms and conditions stated below.

**Warrantor:** This warranty is granted by Hol-Mac Corporation, P.O. Box 349, Bay Springs, Mississippi 39422. All warranty work must be accomplished by Hol-Mac at its factory in Bay Springs, Mississippi, or by such other facility specifically authorized by Hol-Mac. All warranty work performed by a facility other than Hol-Mac must be approved by Hol-Mac in writing prior to commencement of said work.

**Duration of Warranty:** The time periods applicable to the warranty of the specified component parts of the Hol-Mac products are as follows:

Major Structural Component Parts – 1 year  
Non-Hydraulic Replacement Parts – 1 year

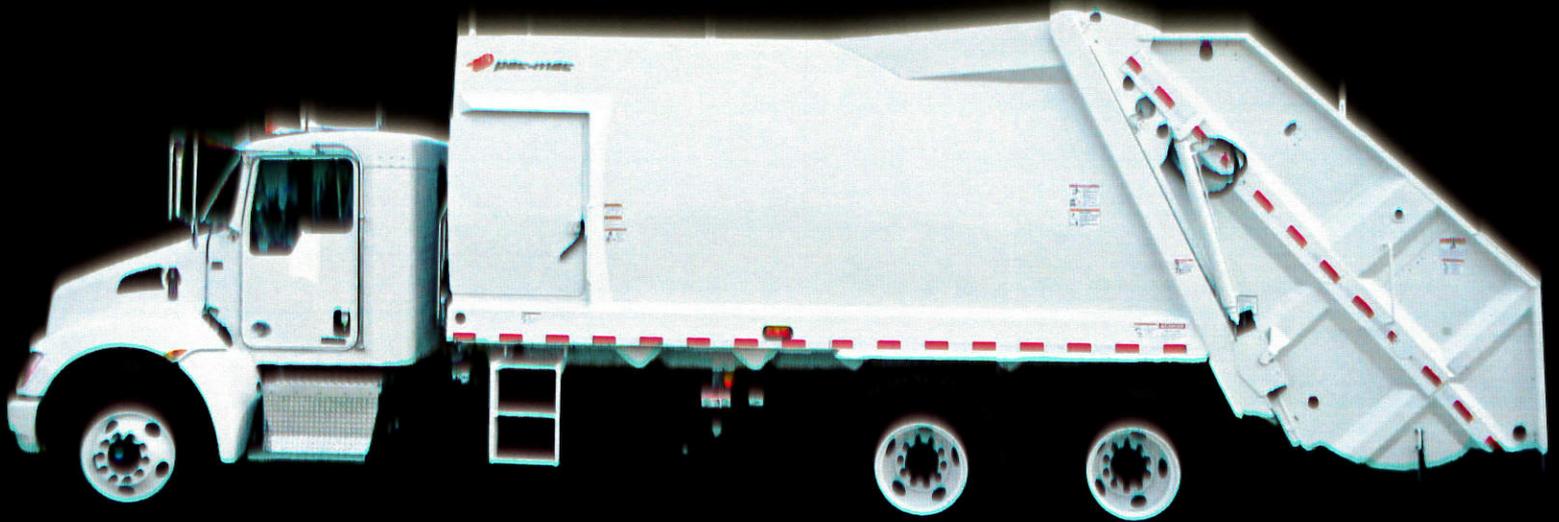
**Exclusion and Disclaimers:** This warranty does not extend to normal maintenance services such as cleaning, greasing, mechanical adjustments and maintenance inspections or to any defect due to the negligence of others, failure to operate or maintain the product in accordance with the published operating and maintenance instructions furnished by Hol-Mac, unreasonable use, accidents, alterations or wear and tear. Hol-Mac also reserves the right to make changes in the design or material of its products without incurring obligation to incorporate such changes in any product previously manufactured.

**Procedure for Obtaining Performance Under this Warranty:** In order to qualify under this warranty, the owner must notify Hol-Mac within (45) days of discovery of the defect and promptly deliver the entire product or defective part to Hol-Mac at its factory in Bay Springs, MS, or if requested by Hol-Mac to such other authorized facility designated by Hol-Mac. Upon receipt of such product, part or component, if it is found not to be defective in material or workmanship, Hol-Mac shall notify the owner of such fact and request instructions for the return of such product, part or component to the owner. All costs of transporting Hol-Mac products to and from the Hol-Mac factory, or such other authorized facility designated by Hol-Mac, shall be paid by the owner.

[NO OTHER WARRANTY, WHETHER OF FITNESS OR OTHERWISE, EXPRESSED OR IMPLIED, IN FACT OR BY LAW, IS GIVEN BY HOL-MAC WITH RESPECT TO ANY NEW PRODUCT, PART OR COMPONENT, OR WITH RESPECT TO ANY WORK AND NO OTHER OR FURTHER OBLIGATION OR LIABILITY SHALL BE INCURRED BY HOL-MAC BY REASON OF THE MANUFACTURE, SALE, OR LEASE OF ANY PRODUCT, PART, OR COMPONENT OR OF ITS USE, WHETHER FOR BREACH OF WARRANTY, NEGLIGENCE OF MANUFACTURE OR OTHERWISE.]



# PAC-MAC



## RLX SERIES **HAUL MORE**

World class manufacturing combined with cutting-edge technology perfectly crafts a superior product: The Pac-Mac® RLX Series. The RLX Series has a packing force of up to 94,000 pounds and offers three premium models, the RLX-18, the RLX-20 and the RLX-25. These models are user-friendly, structurally sound, and offer premium product reliability.

**DO IT RIGHT with Pac-Mac!**

**E-PAC-MAC.COM**

*Manufactured by Hal-Mac Corporation*  
P.O. Box 349 • Bay Springs, MS 39422 • 601-764-4121



**NJPA AWARDED**  
CONTRACT  
#031014-HMC

City of Shreveport



Solicitation Form for Commodities

INVITATION FOR BID

(IFB) #21-005

**25 CY REAR LOADERS PACKERS**

INDEX OF BID FORMS	Page Numbers
Invitation for Bid ( <b>Do not return with bid</b> )	2
Bid Prices/Signature Page ( <b>COS BID FORM #1</b> )	3

**NOTE: THE REQUIRED COS BID FORM LISTED ABOVE MUST BE RETURNED WITH BID. SHOULD ALSO RETURN ONE COPY. IF ANY OF THE ABOVE COS BID FORMS ARE OMITTED, THEN YOUR BID MAY NOT BE CONSIDERED OR ACCEPTED.**

INDEX OF REFERENCE ITEMS INCLUDED HEREIN

All information listed below **should not** be returned with your bid. It shall remain part of the bid by reference only.

Special Instructions to Bidders	4-8
<b>Adjudicated Property Affidavit</b>	9
<b>Felony Conviction / E-verify Statement</b>	10
Format for the Return Envelope	11
Specifications	12-21

INDEX OF REFERENCE ITEMS NOT INCLUDED HEREIN THAT ARE INCORPORATED BY REFERENCE WITH THE SAME FORCE AND EFFECT AS IF SET FORTH IN FULL TEXT. SHOULD ANY OF THESE BE IN CONFLICT WITH THOSE LISTED HEREIN, THE MORE STRINGENT WILL APPLY.

Standard Specifications for Infrastructure Improvements 2015 Edition & Standard Plans for Infrastructure Improvements 2015 Edition. These documents may be downloaded from our website [www.shreveportla.gov/DocumentCenter/View/5572](http://www.shreveportla.gov/DocumentCenter/View/5572) & [www.shreveportla.gov/DocumentCenter/View/5567](http://www.shreveportla.gov/DocumentCenter/View/5567).

The General Contract Clauses (**Section 20**), the Standard Instructions/Conditions for Request for Proposals (**Section 30**) will no longer be incorporated in solicitations but will be incorporated by reference in the City of Shreveport (hereinafter the City) book of Standard Solicitation Instructions / Provisions and General Contract Clauses; which are available at [www.shreveportla.gov](http://www.shreveportla.gov) (click on Business, then on Bids & RFPs). If you do not have a computer, you can use one of the public use computers that are available at the Shreve Memorial Library or at most library branches.

*The Felony Conviction/E-Verify Affidavit must be submitted by the lowest responsive Bidder after the opening.*  
Revised 01-20-21

**AN INVITATION FOR YOU TO RESPOND WITH A FORMAL SEALED OR ELECTRONIC BID**

DATES ADVERTISED: February 26, 2021	Date Posted: February 26, 2021
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**DO NOT RETURN THIS PAGE- FAXED OR EMAILED BIDS NOT ACCEPTED**

<b>INVITATION FOR BID (IFB)</b> <b>City of Shreveport</b>  Wendy Wagnon, CPPO Purchasing Agent		<b>BIDS MUST BE DELIVERED TO:</b> City of Shreveport Office of the Purchasing Agent Government Plaza-Suite 610 505 Travis Street Shreveport, LA 71101-3042	<b>OR GO TO BIDSYNC.COM TO SEND ELECTRONIC BID</b>
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<b>BID MUST BE RECEIVED NOT LATER THAN 2:00 P.M. ON:</b>	<b>March 16, 2021</b>	<b>THEN PUBLICLY OPENED</b>
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<b>THIS IS NOT AN ORDER</b>	<b>Bid Number</b>	<b>IFB # 21-005</b>
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**BID TITLE: 25 CY REAR LOADERS PACKERS**

PREBID CONFERENCE: N/A

<b>EMAIL QUESTIONS TO:</b> Dereka.abner@shreveportla.gov	<b>7 working days before the opening or fax to:</b>	<b>318-673-5408</b>
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<b>BID BOND IS NOT REQUIRED.</b>	<b>Estimated Expenditure:</b> 3,060,000	<b>per year</b>
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**Bids received after the time specified for opening cannot be considered for an award.**

**COMMODITY BIDS**

For paper bids, if you do not provide **all of the required COS Bid Forms** or the information required on the bid forms, then your bid **may** be declared as non-responsive. The bid forms are clearly identified as **COS Bid Form #1, 2 & etc.** near the top right of the page. If you have any questions, please call Wendy Wagnon at 318-673-5450.

**ELECTRONIC BIDS/BID NOTICES**

Bid/Proposal notices will no longer be mailed to contractors/vendors by the Purchasing Office. The City of Shreveport's listing of current bids (IFB), requests for quotes (RFQ), requests for proposals (RFP), and statements of qualifications (RFS) (hereinafter bids) will be posted on BidSync.com. To view the general bid information and **receive bid notices by email**, you will have to register with BidSync. **Registration is free.** Vendors/Contractors (vendors) will now have the option to submit their bids & bid bonds, electronically or by paper copy. If you wish to view/download the entire bid package and submit electronic bids, you may do so for an annual fee. There is also a fee for a digital signature. **It takes about two weeks to get a digital signature.** Allow additional time to set up the digital signature in BidSync. Solicitation documents are also available at [www.shreveportla.gov/Solicitations](http://www.shreveportla.gov/Solicitations). BidSync shall be the official source for bid documents.

Vendors who decide to pay the annual fee to BidSync will be able to submit electronic bids to every agency in the State of Louisiana that signs up with BidSync. Submitting bids electronically can save thousands of dollars in express mail fees, plan fees/deposits, travel, postage, labor, and the cost of paper. To register please go to: <https://www.bidsync.com>. If you need help registering or with training or completing an e-bid, please call **800-990-9339 (M-F)**. Contractors who submit e-bonds will need to pay an annual fee for electronic bid bonds. *If an electronic bid is submitted, provide your contractor's license number when the bid with alternates amounts to \$50,000 or more. To request copies of bids by email, send your request to [dereka.abner@shreveportla.gov](mailto:dereka.abner@shreveportla.gov).*

The City of Shreveport reserves the right to reject any or all bids and to waive minor informalities.

Revised 01-20-21

## CITY OF SHREVEPORT SPECIAL INSTRUCTIONS TO BIDDERS FOR COMMODITIES

- 1.0 BROCHURES
- 1.1 If specifications or descriptive papers are submitted with bids, enter bidders name thereon.
- 2.0 SAMPLES
- 2.1 Sample, when required, must be submitted free of expense, unless otherwise specified in accordance with the conditions and instructions in the body of this bid notice.
- 3.0 CLARIFICATION/SUBSTITUTION REQUESTS
- 3.1 Bidders requiring additional information may submit their question(s) in writing to the attention of the Buyer as listed on page one.
- 3.2 Answers to questions received that would change and/or clarify this solicitation will be provided in writing to all firms that have received the original Invitation for Bid.
- 3.3 Any inquiry received at least seven (7) or more working days prior to the date fixed for the opening of bids will be given consideration.
- 3.4 Every interpretation made to a Bidder will be in the form of written Addendum to the contract document and when issued will be on file in the Purchasing Agents office.
- 3.5 All such addenda shall become part of the Contract Documents and all Bidders shall be bound by such addenda.
- 3.6 The City shall not be legally bound by an addendum or interpretation that is not in writing.
- 3.7 If the necessity arises to issue an addendum modifying plans and specifications within the seventy-two-hour period (exclusive of holidays, Saturdays and Sundays) before the scheduled bid opening then the opening of bids shall be extended for at least seven but not more than of twenty-one working days.
- 3.8 **It shall be the Bidder's responsibility to make inquiry as to the addenda issued.**
- 4.0 DELIVERY ARO
- 4.1 Show delivery time required after receipt of order (ARO), in appropriate space provided on page three.
- 5.0 DELIVERY TERMS
- 5.1 The commodities and/or services must be furnished as described and specified, delivered f.o.b. destination freight prepaid.
- 5.2 The term f.o.b. destination shall mean delivered, removed from the crate, placed inside of building, and title taken to after acceptance.
- 5.3 Most City buildings do not have loading docks.
- 6.0 QUANTITIES
- 6.1 Whenever quantities or usages are provided by the City, these are estimates only.
- 6.2 No guarantee or warranty is given or implied by the city as to the total amount that may or may not be purchased from any resulting contracts.
- 6.3 These quantities are for information only and will be used for tabulation and presentation of the prices offered.
- 7.0 PRICE CHANGES
- 7.1 Prices will be firm for the minimum period as specified in the solicitation document.
- 7.2 After the first year of the contract or the guaranteed price date shown on the bid form, whichever is longer, the Contractor may request price increases that are limited to the increase in the Contractors actual documented cost of doing business to be approved by the soliciting department head and the Purchasing Agent.
- 7.3 Written requests for price increases must be sent by Certified Mail-Return Receipt Requested.
- 7.4 The City reserves the right to accept or reject the price increase within fifteen days after receipt of the request. Should the City reject the price increase, the City reserves the right to cancel the contract and award to the next best bidder or to solicit new bids.

## CITY OF SHREVEPORT SPECIAL INSTRUCTIONS TO BIDDERS FOR COMMODITIES CONTINUED

- 7.5 No increase will be effective until approved in writing by the Purchasing Agent.
- 7.6 Any decrease in the cost of the contract items shall be forwarded to the Purchasing Office with immediate inception into the contract.
- 7.7 Any decrease in pricing shall not be less than the appropriate CPI or PPI.
- 8.0 AWARD CRITERIA
- 8.1 The award will be made to the lowest responsible and responsive bidder(s) according to the criteria designated in the Invitation for Bid.
- 8.2 In addition to price, the Bid Evaluation will include the following factors (as they apply):
- 8.2.1 The quality of performance/workmanship of previous contracts, services, equipment or products, or references which attest to the specific experiences of others.
- 8.2.2 The timely completion of previous contracts or services or the timely delivery of past orders, or references which attest to the specific experiences of others.
- 8.2.3 The sufficiency of financial resources and its impact on ability of the bidder to perform the contract or provide the services.
- 8.2.4 The City reserves the right to conduct on-site inspections of any bidders facilities prior to award and the results of said inspection will be considered by the City in determining bidders capabilities of successfully administering to this contract.
- 8.2.5 The ability and availability of the bidder to provide quality and timely maintenance, service, and/or parts.
- 8.2.6 The resale value, life cycle costing (which includes the cost of maintenance) and value analysis.
- 8.2.7 The availability and capability of local and regional vendor support as it affects the quantity, quality, and timeliness of the work or products required.
- 8.2.8 Delivery of a product and timely completion of a project as stated by vendor in the bid.
- 8.2.9 Substantial compliance or noncompliance with specifications set forth in the bid as determined by the City.
- 8.2.10 Product or parts inventory capability as it relates to a particular bid.
- 8.2.11 Results of product/equipment testing.
- 8.2.12 Warranty - Terms and Conditions.
- 8.2.13 Adequate capital and credit rating sufficiently to complete all operations under this contract in a satisfactory manner.
- 8.2.14 An efficient office force, with a satisfactory record in expediting delivery of materials to field force and capable of fulfilling proper liaison service with mechanical trades.
- 8.2.15 An adequate and efficient field force, with extensive knowledge of all types of work involved under this contract.
- 8.2.16 A record of amicable relations with labor.
- 8.2.17 An adequate supply of equipment in good operating condition.
- 9.0 Evaluation
- 9.1 Bids may be made for one lot only, or for as many lots as the bidder can supply.
- 9.2 Awards will be made by complete lots and may be made to one or more bidders.
- 10.0 Evaluation of Bids for Multiple Awards
- 10.1 In addition to other factors, bids will be evaluated on the basis of advantages to the City that might result from making more than one award (multiple awards).
- 10.2 For the purpose of making this evaluation, administrative costs to the City for issuing and administering each contract awarded under this invitation will be considered, and individual awards will be for the items and combinations of items which result in the lowest aggregate price to the City, including such administrative costs.

## **CITY OF SHREVEPORT SPECIAL INSTRUCTIONS TO BIDDERS FOR COMMODITIES CONTINUED**

### 11.0 Alternates

11.1 When alternates are requested, the City reserves the right to select the bid with or without these, whichever will be in the best interest of the City.

### 12.0 REJECTION

12.1 This solicitation does not commit the City of Shreveport to award a contract, to pay any costs incurred in the preparation of a bid, or to procure or contract for the articles of goods or service.

12.2 The City reserves the right to accept or reject any or all bids received as a result of this request, or to cancel in part or its entirety this bid, if it is in the best interest of the City to do so.

12.3 The City of Shreveport reserves the right to declare any bid non-responsive in which the delivery/completion time indicated is considered to delay the operation for which the item/work is intended, or due to the noncompliance of the BID SPECIFICATION

12.4 In addition, the City reserves the right to declare any bid non-responsive that contains prices for individual items or services that are inconsistent or unrealistic when compared to other prices in the same or other bids, if such action would be in the best interest of the City.

### 13.0 Rejection of Lowest Bid

13.1 Substantial negative findings from the Bid Evaluation as listed above, and/or the factors as listed below, may result in the disqualification of the lowest bid, if in the best interest of the City of Shreveport.

13.2 Additional purchase of repair/replacement parts for the low bid item, as opposed to an existing inventory of parts for a higher bid item.

13.3 Greater service costs for the low bid item.

13.4 Longer service time for the low bid item, which would cause longer down time of the item.

13.5 Proven reliability of the higher bid item.

13.6 Compatibility of the higher bid item with existing equipment.

### 14.0 DISQUALIFICATION REVIEW BOARD (City of Shreveport Code of Ordinances Sec. 26-265)

14.1 When a contractor has been given notice of possible debarment based upon Sec.26-265 and/or disqualification, the contractor may submit a written appeal to the Purchasing Agent for review by the City's Disqualification Review Board.

14.2 The written appeal must be submitted within ten (10) days after notice of possible disqualification and may request either (1) a meeting with the Review Board, or (2) that the Review Board consider a written appeal only.

14.3 A meeting of the Review Board will be scheduled within ten (10) days after receipt of the appeal.

14.4 The Review Board will be composed of the Chief Administrative Officer (CAO), City Engineer, Purchasing Agent, and the Director of Using Department.

14.5 The decision of the Review Board will be given to the contractor in writing ten (10) days after all pertinent information has been considered.

14.6 The decision of the Review Board will not operate as a waiver by the City of its rights concerning the assessment of liquidated damages.

### 15.0 OPERATIONAL MANUALS

15.1 **When bidding on equipment, the successful bidder shall be required to furnish one copy of the operational manual and warranty with each type of unit delivered, and one additional copy of the operational manual shall be sent to: Risk Manager, 505 Travis Street Suite 620, Shreveport, LA 71101-3042.**

## **CITY OF SHREVEPORT SPECIAL INSTRUCTIONS TO BIDDERS FOR COMMODITIES CONTINUED**

### **16.0 PUBLIC INSPECTION OF BIDS (La. R.S. 44:33 et seq./Attorney General's Opinion No. 95-155)**

16.1 Bids will be in active use after the opening and therefore will not be available for public inspection until 72 hours after the bid opening (exclusive of Saturdays, Sundays, and legal public holidays- La. R.S. 44:33).

### **17.0 PAYMENTS DUE THE CITY**

17.1 Section 26-211 of the City's Code of Ordinances requires the following:

17.1.1 On every contract to which the City is a party and for which written specifications are prepared, the specification shall include the requirement that before the contract is awarded the contractor shall pay all taxes, licenses, fees, and other charges which are outstanding and due to the City.

17.1.2 No contract to which the city is a party shall be awarded to any person who:

17.1.3 Has not paid all taxes, licenses, fees and other charges which are outstanding and due the city, or

17.1.4 Owns any property which is adjudicated to the city or which has demolition liens, grass cutting liens, or any other property standards liens on it, or

17.1.5 Owns more than 25% of a legal entity that owns any property which is adjudicated to the city or which has demolition liens, grass cutting liens, or any other property standards liens on it.

17.1.6 For purposes of this section, Own shall mean to be the last record owner of property prior to a tax sale or adjudication.

17.1.7 Bids/proposals will not be accepted from or contract awarded to any person, firm, or corporations which have at any time failed to execute a contract that has been awarded to them by the City, or which is in arrears to the City upon debt or contract, or which is a defaulter as surety or otherwise upon any obligation to the City.

### **18.0 GOVERNING PRICES**

18.1 UNIT PRICE BIDS-Prices must be firm and unit prices written in figures shall govern over extended prices. Prices bid must be based upon payment in thirty (30) days after delivery and acceptance.

18.2 LUMP SUM BIDS (When unit prices are not required)-Prices must be firm and prices written in words shall govern over prices written in figures. Prices bid must be based upon payment in thirty (30) days after delivery and acceptance.

### **19.0 COMPLIANCE WITH CIVIL RIGHTS LAWS**

19.1 By submitting and signing this bid, bidder agrees to abide by the requirements of the following as applicable: Title VI and VII of the Civil Rights Act of 1964, as amended by the Equal Opportunity Act of 1972, Federal Executive Order 11246, Federal Rehabilitation Act of 1973, as amended, the Veterans Readjustment Assistance Act of 1974, Title IX of The Education Amendments of 1972, the Age Act of 1975, and bidder agrees to abide by the requirements of the Americans with Disabilities Act of 1990. Bidder agrees not to discriminate in its employment practices, and will render services under any contract entered into as a result of this solicitation without regard to race, color, religion, sexual orientation, national origin, veteran status, political affiliation, or disabilities. Any act of discrimination committed by bidder, or failure to comply with these statutory obligations when applicable, shall be grounds for termination of any contract entered into as a result of this solicitation.

### **20.0 JOINT VENTURE**

20.1 If the bidder is a joint venture, provide the following information:

20.1.1 Date of formation

20.1.2 Name and address of each venture partner

20.1.3 Principals of each venture partner

20.1.4 Venture partner holding the majority interest in the venture and its percentage of interest

20.1.5 Bidder shall include a copy of the Joint Venture agreement as an attachment to the bid.

### **21.0 BID ENVELOPE**

21.1 Outside of the bid envelope to list the Bidders name, address, license number, bid number, project name, opening date/time and the City's address.

### **22.0 RECEIPT OF BIDS**

22.1 The City does not receive bids on holidays and weekends.

23.0 PATENT, COPYRIGHT, AND TRADE SECRET INDEMNITY

23.1 Contractor warrants that all materials and/or products produced by Contractor hereunder will not infringe upon or violate any patent, copyright, or trade secret right of any third party. In the event of any such claim by any third party against the City, the City shall promptly notify Contractor, and Contractor shall defend such claim, in the City's name, but at Contractor's expense, and shall indemnify the City against any loss, expense, or liability arising out of such claim, whether or not such claim is successful.

**END**

FROM:

Hol-Mac Corporaton

PO Box 349/160 Commerce Dr.

Bay Springs, MS 39422

License # \_\_\_\_\_

PLEASE RUSH TO:

**CITY OF SHREVEPORT  
OFFICE OF THE PURCHASING AGENT  
505 Travis Street-Suite 610  
SHREVEPORT, LOUISIANA 71101-3042**

SEALED BID FOR:

IFB Number: #21-005

Project Name: 25 CY Rear Loader Packers

Opening Date: March 16, 2021

Attention: Use this format on the outside of your container when responding with a paper bid.  
We do not accept faxed responses for formal solicitations!