



CONTRACT DOCUMENTS FOR BID ON

TRUCK, CAB & CHASSIS SANITATION VEHICLE

**Solid Waste Agency of Northwest Nebraska
1010 E. Niobrara Ave.
P. O. Box 590
Chadron, NE 69337
Phone: 308-432-4245**

Advertisement for Bids

The Solid Waste Agency of Northwest Nebraska (SWANN) is accepting sealed bids for the purchase of a sanitation vehicle (truck, cab & chassis). Specifications are available during normal business hours at the SWANN business office, 1010 E. Niobrara Street, P. O. Box 590, Chadron, NE 69337.

Sealed bids should be submitted to the SWANN business office at the above address on or before 12:00 p.m. Mountain Time, Friday February 27, 2026.

The contract documents may be examined and obtained from SWANN at the above address.

SWANN reserves the right to reject any or all bids or any portion of any bid to waive informalities in any bid, and to accept the bid it deems most beneficial to the Agency.

Bid Form

Truck, Cab & Chassis Sanitation Vehicle

**Due
February 27, 2026**

12:00 p.m. Mountain Time

To:

**Solid Waste Agency of Northwest Nebraska
1010 E. Niobrara
P. O. Box 590
Chadron, NE 69337**

If the bid is accepted, the bidder proposes and agrees to furnish equipment meeting or exceeding the minimum specified for the contract price and within the time indicated in this bid. This bid will remain subject to acceptance for thirty days after the date of bid opening.

Bidder shall supply all shop drawings of truck, cab and chassis.

A copy of the manufacturer's warranty shall be attached to the bid forms (Basic minimum).

Truck and chassis are to be delivered to the designated facility for installation of compaction container, with final delivery to SWANN headquarters in Chadron, NE upon completion of installation.

Bid Form

Truck, Cab & Chassis

Sanitation Vehicle

Due

February 27, 2026

12:00 p.m. Mountain Time

| <u>Item</u> | <u>Description</u> | <u>Item Totals</u> |
|-----------------------|--|-----------------------------------|
| 1. | Truck, Cab & Chassis As outlined in the specifications, including delivery to the designated facility for installation of compaction container with final delivery to SWANN in Chadron, NE; except for those items specifically listed hereafter for the following Lump Sum Price: One at _____ | \$ _____ |
| | (Words – Lump Sum Price) | (Figures L.S.) |
| | _____ List: Make and Model | |
| | Delivery if other than 45 calendar days: (specify) | _____ Total Calendar Days |
| | List: Factory Authorized Parts & Service Center | |
| | _____ Address | _____ Years @ present location |
| Contact Person/Parts: | _____ | Service _____ |
| Telephone: | _____ Telephone: _____ | |

Bidder Is:

An Individual

By _____

(SEAL)

Doing business as _____

Business Address _____

Phone Number _____

A Partnership

By _____

(Firm Name)

(General Partner)

Business Address _____

Phone Number _____

A Corporation

By _____

(Corporation Name)

(State of Incorporation)

By _____

(Name of person authorized to sign)

(Title)

(Corporate Seal)

Attest: _____

(Secretary)

Business Address _____

Phone Number _____

Submitted on _____, 2023

(Month) (Day)

(Signature)

Information to Equipment Bidders

1. SUBMISSION OF BIDS

Bids shall be submitted at the time and place indicated in the Invitation to Bid and shall be enclosed in an opaque sealed envelope, marked with the Project title and name and address of the Bidder and accompanied by the Bid security and other required documents. If the Bid is sent through the mail or another delivery system, the sealed envelope shall be enclosed in a separate with the notation "BID ENCLOSED" on the face of it.

2. BIDS TO REMAIN SUBJECT TO ACCEPTANCE

All bids will remain subject to acceptance for thirty (30) days after the day of the Bid opening, but OWNER may, in its sole discretion, release the Bid and return the Bid prior to that date.

3. BID FORM

- 3.1 The Bid Form is included with the Bidding Documents. Additional copies may be obtained from the Solid Waste Agency of Northwest Nebraska.
- 3.2 All blanks on the Bid Form must be completed in ink or by typewriter.
- 3.3 Bids by corporations must be executed in the corporate name by the president or vice-president (or other corporate officer accompanied by evidence of authority to sign) and the corporate seal must be affixed and attested by the secretary or an assistant secretary. The corporate address and state of incorporation must be shown below the signature.
- 3.4 Bids by partnerships must be executed in the partnership name and signed by a partner, whose title must appear under the signature and the official address of the partnership must be shown below the signature.
- 3.5 All names must be typed or printed below the signature.
- 3.6 The Bid shall contain an acknowledgment of receipt of all Addenda (the number of which must be filled in on the Bid form).
- 3.7 The Address and telephone number for communications regarding the Bid must be shown.

4. QUALIFICATION OF BIDDERS

- 4.1 To demonstrate qualification to perform the work, each bidder must be prepared to submit within five (5) days of OWNER'S request, written evidence such as financial data, previous experience, present commitments and other such data as may be called for below (or in the Supplementary Instructions). Each Bid must contain evidence of the Bidder's qualification to do business in the state where the Project is located or covenant to obtain such qualification proper to award the contract.
- 4.2 Equipment suppliers shall have a minimum of two years as factory-authorized dealers/distributors and service centers stocking parts and providing service.

5. AWARD OF CONTRACT

- 5.1 OWNER reserves the right to reject any and all Bids, to waive any and all informalities not involving price, time, or changes in work and to negotiate contract terms with the Successful Bidder, and the right to disregard all non-conforming, non-responsive, unbalanced or conditional Bids. Also, OWNER reserves the right to reject the Bid of any Bidder if OWNER believes that it would be in the best interest of the Project not to make an award to that Bidder, whether because the Bid is not responsive or the Bidder is unqualified or of doubtful financial ability or fails to meet any other pertinent standard or criteria established by OWNER. Discrepancies in the multiplication of units of work and unit price will be resolved in favor of the unit prices. Discrepancies between the indicated sum of any column of figures and the correct sum thereof will be resolved in favor of the correct sum.
- 5.2 In evaluating Bids, OWNER will consider the qualifications of the Bidders, whether or not the Bids comply with the prescribed requirements, and such alternates, unit prices and other data, as may be requested in the Bid Form or prior to the Notice of Award.

- 5.3 OWNER may consider the qualifications and experience of Subcontractors, suppliers, and other persons and organizations proposed for those portions of the work as to which the identity of Subcontractors, Suppliers, and other persons and organizations must be submitted as provided in the Supplementary Conditions. OWNER also may consider operating costs, maintenance requirements, performance data and guarantees of major items of materials and equipment proposed for incorporation in the work when such data is required to be submitted prior to the Notice of Award.
- 5.4 OWNER may conduct such investigations as OWNER deems necessary to assist in the evaluation of any Bid and to establish the responsibility, qualifications and financial ability of Bidders, proposed Subcontractors, Suppliers and other persons and organizations to perform and furnish the work in accordance with the Contract Documents to OWNER'S satisfaction within the prescribed time.
- 5.5 If the contract is to be awarded, it will be awarded to the Bidder whose evaluation by OWNER indicates to OWNER that the award will be in the best interest of the Project. The right is reserved in the interest of the Solid Waste Agency of Northwest Nebraska to reject any or all Bids and to waive any informality in the Bids received.
- 5.6 If the Contract is to be awarded, OWNER will give the successful Bidder a Notice of Award.

Supplementary Conditions

GENERAL

The General Conditions included herein are modified as follows:

ARTICLE 14 – PAYMENTS TO CONTRACTOR AND COMPLETION

The Solid Waste Agency of Northwest Nebraska (SWANN) will make payment within thirty (30) days of receipt and approval of equipment in accordance with the contract documents.

NEBRASKA SALES AND USE TAX

SWANN will issue the appropriate tax exemption certificates/appointments, if applicable and in accordance with local and state laws. Final approval and determination of exempt status lie with the Nebraska Department of Revenue.

INDEMNITY

The Contractor will hold harmless, indemnify and defend the SWANN and each of their officers, employees, and agents, from any and all liability claims, losses or damages arising, or alleged to arise, from the performance of the work described herein, but not including the sole negligence of the owner and each of their officers, employees, and agents.

COMPLETION OF THE WORK

SWANN will require that the equipment be furnished within the following time schedule:

The Bidder will be required to deliver the vehicle within forty-five (45) calendar days of the date of the Notice of Award. If the Bidder cannot meet this schedule he shall so note on the Bid/Quotation Form.

The company providing chassis will be responsible for delivering chassis to the facility where the compactor unit will be installed. The company providing the chassis is responsible for notifying SWANN when the chassis is delivered to the compactor installer.

If the vehicle is not delivered on or before the date fixed for completion, or as may be extended by SWANN, the contractor shall pay the Owner liquidated damages in the amount of \$100.00 per day for each and every consecutive calendar day that the equipment is incomplete after the date set for completion or the date noted by the Contractor on the Bid/Quotation Form if SWANN elects that option.

OPERATION START-UP

Bidders shall include a minimum of four hours of operational/maintenance instruction to be performed upon delivery of the complete unit. The bidder will notify SWANN in advance for scheduling the introductory operations. One copy of operational manuals/parts books shall be furnished.

MANUFACTURER WARRANTY

A copy of the manufacturer warranty and brief summary shall be provided with each major piece of equipment (over \$10,000) to be furnished, or furnished within seven (7) days of a request for minor (less than \$10,000) pieces of equipment.

TRUCK WARRANTY

Basic Minimum – bumper to bumper.

CONTRACT DOCUMENTS

BID FOR

**LOADER, BODY & COMPACTOR
INSTALLED**

**Solid Waste Agency of Northwest Nebraska
1010 E. Niobrara Street
P. O. Box 590
Chadron, NE 69337
Phone: 308-432-4245**

Advertisement for Bids

The Solid Waste Agency of Northwest Nebraska (SWANN) is accepting sealed bids for the purchase of a loader, body and compactor to be mounted on a truck and chassis. Specifications are available during normal business hours at the SWANN business office, 1010 E. Niobrara Street, P. O. Box 590, Chadron, NE 69337.

Sealed bids should be submitted to the SWANN business office at the above address on or before 12:00 p.m. Mountain Time, Friday February 27, 2026.

The contract documents may be examined and obtained from SWANN at the above address.

SWANN reserves the right to reject any or all bids or any portion of any bid to waive informalities in any bid, and to accept the bid it deems most beneficial to the Agency.

**Bid For
Loader, Body & Compactor
Installed on Furnished Truck and chassis**

Due

Friday February 27, 2026

12:00 p.m. Mountain Time

To:

**Solid Waste Agency of Northwest Nebraska
1010 E. Niobrara
P. O. Box 590
Chadron, NE 69337**

If the bid is accepted, the bidder proposes and agrees to furnish equipment meeting or exceeding the minimum specified for the contract price and within the time indicated in this bid. This bid will remain subject to acceptance for thirty (30) days after the date of bid opening.

Bidder shall supply all shop drawings of loader, body & compactor.

A copy of the manufacturer's warranty shall be attached to the bid forms (Basic minimum).

The truck and chassis will be delivered to the awarded bidder for the installation of the loader, body and compactor.

Bid Form

Loader, Body & Compactor

Due

February 27, 2026

12:00 p.m. Mountain Time

| <u>Item</u> | <u>Description</u> | <u>Item Totals</u> |
|-------------|--|---|
| 1. | Loader, Body & Compactor As outlined in the specifications, including Installation: except those items specifically listed hereafter for the following Lump Sum Price: One at <div style="border-top: 1px solid black; width: 50%; margin-left: 0;"> (Words – Lump Sum Price) </div> <div style="border-top: 1px solid black; width: 50%; margin-left: 0;"> List: Make and Model </div> | \$ <div style="border-top: 1px solid black; width: 50%; margin-left: 0;"> (Figures L.S.) </div> |
| | Delivery if other than 30 calendar days: (specify) List: Factory Authorized Parts & Service Center <div style="border-top: 1px solid black; width: 50%; margin-left: 0;"> Address </div> | <div style="border-top: 1px solid black; width: 50%; margin-left: 0;"> Total Calendar Days </div> <div style="border-top: 1px solid black; width: 50%; margin-left: 0;"> Years @ present location </div> |
| | Contact Person/Parts: | Service |
| | Telephone: | Telephone: |

SPECIFICATIONS REGARDING TRUCK CHASSIS FOR COMPACTION UNIT

It is the intent of these specifications to describe the minimum requirements regarding a truck chassis for a compaction unit necessary to perform the work assigned and will be the product of a manufacturer actively engaged in the production of truck chassis equipment and will embody their latest improvements in design and construction.

General

The truck cab and chassis shall be new, current-year models. The bid will be based on the basic unit meeting these specifications, plus other options installed. This truck chassis will be used with the compaction bodies described elsewhere in this specification package and shall be modified by the bidder to be compatible with the loader, body and compactor unit. Any exception to these minimum specifications submitted by the bidder shall be duly noted.

BASIC MINIMUM SPECIFICATIONS

Please note all are to be configured for the left-hand drive.

Operating Weight

- ❖ G.V.W. minimum of 54,000 pounds

Engine

- ❖ Diesel 330 HP, minimum 1000 foot-pounds of torque. Inline six cylinders, turbocharged, meeting all requirements for emission standards.

Engine Equipment

- ❖ Dry type, one stage; air cleaner with restriction gauge
- ❖ Heavy-duty starter, Delco 37 MT, 12 volt or equivalent

- ❖ 130-amp alternator
- ❖ Engine block heaters, 1,000-watt, 115 volts
- ❖ Horton EC 450 automatic on/off engine fan drive or equivalent. *With dash-mounted manual override switch
- ❖ Fuel filters, spin-on type, disposal with water separator/priming pump
- ❖ Exhaust must accommodate new refuge packer body
- ❖ Power steering
- ❖ Fiberglass battery box
- ❖ Holset 13.2 CFM compressor or equivalent with Teflon compressor discharge line
- ❖ Oil Filters – full flow/bypass – engine mounted, spin-on-type
- ❖ Magnetic drain plug

Coolant System

- ❖ Heavy-duty four-row core with increased cooling capacity
- ❖ Anti-freeze to –40 F
- ❖ Coolant recovery system
- ❖ Spin on coolant filter/with shutoff
- ❖ Constant torque hose clamps

Front Axle and Suspension

- ❖ 18,000 rated
- ❖ Steel hubs
- ❖ Oil lubed with seals
- ❖ Heavy-duty shock absorbers – dual
- ❖ Greasable drag link and tie rods
- ❖ Leaf springs – 18,000 rated
- ❖ Fore/Aft/Transverse control rods

Rear Axle and Suspension

- ❖ #40,000 lb. Rockwell single speed, or equivalent, - tandem twin screw – ratio compatible with engine and transmission
- ❖ Iron hubs – oil lubed with seals
- ❖ Driver-controlled traction differential (power divider) with indicator light
- ❖ Heavy-duty rear shock absorbers
- ❖ Magnetic drain and fill plugs
- ❖ #40,000 lb. Hendrickson suspension or equivalent such as Tuff Trac

Transmission

- ❖ Allison (whatever is newest and best available) 6-speed automatic transmission MD/HD transmission programming or equivalent – refuse special
- ❖ Transmission oil cooler
- ❖ Transmission oil filter – spin-on type
- ❖ Push button, electronic shift control, dash-mounted
- ❖ PTO mounting, LH or RH side of the main Transmission (whatever is the proper provision for the new packer body)

Exterior Cab Equipment

- ❖ Dual west coast mirrors, with heat, and with convex spot mirrors/top and bottom on the driver's side, with driver controls for passenger side adjustable mirrors
- ❖ Grab handles left and right side
- ❖ Dual electric wipers with intermittent and washers
- ❖ Single air horn with shield – single electric horn
- ❖ Full-tinted glass
- ❖ Cab constructed of steel–galvanized
- ❖ Full-width front bumper
- ❖ Lighting as required to meet DOT specs – shock-mounted marker lights
- ❖ Back-up alarm (ECCO)
- ❖ Manual reset circuit breakers
- ❖ Column-mounted dimmer switch
- ❖ Integral stop, tail, back up and turn signals
- ❖ Air/Rubber cab mounts
- ❖ Sun visor
- ❖ Stainless Steel stone/bug deflector

Interior Cab

- ❖ National or Bostrom high back air ride driver's seat on left side w/ armrests
- ❖ Standard passenger seat on the right side
- ❖ Tilt-Telescoping Steering Column

- ❖ Floor mats
- ❖ Shoulder and seat belts
- ❖ Vinyl seats
- ❖ Dual sun visors
- ❖ Interior dome light
- ❖ Lockable door, keyed alike
- ❖ Door-mounted armrests
- ❖ Air conditioning
- ❖ High output heater defroster
- ❖ AM/FM radio with speakers
- ❖ 12 Volt power supply in the dash
- ❖ Fully insulated
- ❖ Instrumentation panel and gauges

*Gauges to include:

Electric speedometer, hour meter, coolant temp, volt meter, oil pressure, engine oil temp, electric tachometer, air pressure (2), fuel gauge, transmission temp, audible and visual warning for low air pressure, high coolant temp and low oil pressure.

Brakes

- ❖ WABCO ABS without traction enhancement
- ❖ Air brakes, front and rear
- ❖ Front – 16.5 x 6 Cam brakes with automatic slack adjusters
- ❖ Rear – 16.5 x 7 Cam brakes with automatic slack adjusters
- ❖ Bendix AD-9 heated air dryer for airlines or equivalent
- ❖ Manual drain cocks on air tanks
- ❖ Non-asbestos linings, front and rear
- ❖ Outboard-mounted cast iron drums, front and rear
- ❖ Parking brakes (2) on the rear axle
- ❖ Reinforced nylon, fabric braid & wire braid chassis airlines

Tires

- ❖ Front – 12R22.5 Michelin XZE 16-ply
- ❖ Rear – 11R22.5 Michelin XDE M&S 16 ply
- ❖ Rear Wheels – steel 22.5 x 8.25 10-hole disc wheels on rear
- ❖ Aluminum Front Wheels

Fuel Tank

- ❖ Aluminum –80gal. Single with shut-off valve
- ❖ 13-gallon minimum DEF tank

Electrical System

- ❖ 130 amp. Alternator
- ❖ Delco MT 12V or equivalent
- ❖ 12-volt negative ground system
- ❖ Minimum of 2 batteries – 1800 CCA
- ❖ Heavy Duty mechanical flasher
- ❖ Self-canceling turn signals
- ❖ Heavy Duty mechanical flasher
- ❖ Master Shutoff Switch

Chassis

- ❖ Wheel base compatible with 33 cubic yard compactor body specifications listed elsewhere in this specification package (minimum cab to axle/trunnion distance 168")
- ❖ Two front and rear-mounted tow hooks bolted to the frame
- ❖ Painted steel front bumper
- ❖ Rubber mud flaps
- ❖ Steel air tanks
- ❖ Frame painted black
- ❖ Wheels all painted white
- ❖ Back of cab to the rear axle – minimum of 168 inches
- ❖ 110,000 PSI yield strength steel frame, reinforced for 2.5 million RBM
- ❖ 5/16" variable drop heat-treated alloy steel main frame
- ❖ Clear frame rails/no protrusions

Paint

- ❖ Should receive at least one coat of primer and a finish coat of Imron in Sierra Blue.

Miscellaneous

- ❖ Vinyl Snap-On winter front and summer Snap-On screen for bugs
- ❖ One complete set of parts, service and operators' manuals
- ❖ Five-pound DOT-approved fire extinguisher mounted in the cab

Warranty

- ❖ List the manufacturer's standard warranty
- ❖ Bidder shall attach a copy of the warranty
- ❖ Basic vehicle warranty
- ❖ Basic unlimited warranty on drive train components, transmission, drive axles (differential assemblies, axle shaft and axle housings), steering axles (beam, spindles, kingpins, bearings), and steering arms
- ❖ Basic unlimited cab structure and sheet metal (conventional hoods)
- ❖ Basic unlimited warranty for cab corrosion
- ❖ Basic unlimited warranty frame rails and cross members
- ❖ List optional warranties and cost
- ❖ Out-of-service time due to warranty work or factory recall will result in an extension of warranty by an equal amount of time
- ❖ Warranty to include towing charges related to warranty-covered repairs

SPECIFICATIONS FOR LOADER, BODY AND COMPACTOR

It is the intent of this specification to describe a hydraulically actuated refuse packer body with the following minimum specifications considered necessary to perform the work assigned and will be the product of a manufacturer actively engaged in the production of refuse collection equipment and will embody their latest improvements in design and construction. The body's construction and specifications shall be in compliance with the applicable standards as promulgated by the American National Standards Institute (ANSI Z245.1). The body with loader and compactor is intended to be used in conjunction with the truck chassis described elsewhere in these specifications.

General

The compaction unit shall be mounted to provide **left-hand** pick-up of containers.

The compactor body is an automated container loading and dumping device. It will have a capacity of 33 cubic yards and be capable of compacting refuse and ejecting refuse from the body at the disposal site. The receiving hopper area will be approximately 8 cubic yards and will accommodate up to and including 4 cubic yards of side load containers without damage or the operator leaving the cab.

BASIC MINIMUM SPECIFICATIONS

Body Construction

- ❖ Capacity – the body shall have a minimum capacity of 33 cubic yards including loading hopper
- ❖ Packer body with continuous design, a minimum of 3/16 inch steel in thickness with reinforcement in high-stress areas.
- ❖ Body floor to be a minimum of 3/8" A570 high tensile steel reinforced with formed cross members constructed from 1/4 inch high tensile steel spaced at a minimum of 37 1/2 inch intervals along the entire length of the body floor
- ❖ Compaction plate shall be all 3/16" steel design, reinforced so no distortion occurs during operation. Equipped with four 14" x 9" x 1"

retainer teeth on top. Four 14" x 9" x 1" retainer teeth on the bottom shall retain the refuse once compacted

- ❖ The compaction guide rails shall be minimum of 1/4" steel and easily replaceable
- ❖ The compaction plate shall have at minimum three replaceable wear slides per side for a total of six
- ❖ The body is to be equipped with a hinge access door located on the side opposite the container loader to facilitate hand loading of waste material and provide access to the hopper area
- ❖ Minimum size of the door shall be 44" x 35" and be of one piece of 3/16" steel rolled to conform to the body
- ❖ Handrails and steps for easy access
- ❖ DOT-encased lighting
- ❖ Opening of the hopper to be protected on three sides, with a windscreen, that will extend 10" above the top of the circumference of the body
- ❖ The opening in the front of the body shall not be smaller than 34" x 24"
- ❖ The operator must have an unrestricted view of the packer plate from inside the cab

Tailgate

- ❖ Tailgate should be hydraulically raised/lowered with at least two (2) cylinders
- ❖ The tailgate shall be operated from a control switch located within easy reach of the operator inside the cab
- ❖ Unit will have an audible warning buzzer when the tailgate is unlocked and while being raised/lowered
- ❖ Rear door locks – the rear door shall be secured by locks at two points on the lower perimeter
- ❖ The locks shall be actuated by a hydraulic cylinder
- ❖ The locks shall be actuated automatically upon actuation of the rear door lift cylinders
- ❖ Tailgate will be of bubble tailgate design. It will be constructed of 3/16" steel with a 3" x 3" x 3/8" square tubing ring reinforced with automatic locks. Tailgate will hold a volume of three cubic yards
- ❖ Strobe mounted on the tailgate

Container Loader with Barrel Grabber

- ❖ Shall be located on the left side of the body
- ❖ The container loader used in conjunction with the compaction body will provide means to pick up, dump and return to the ground 1 ½ through 4 cubic yard containers. The barrel grabber shall be capable of lifting 90–110-gallon carts or barrels. Lifts are to be made consecutive without modification or driver leaving cab
- ❖ The container loader will be rated at 3,000 pounds lifting capacity
- ❖ Container loader shall be actuated by two hydraulic cylinders and shall raise the lift carriage to the dump position and return to the disengage position
- ❖ Loader is to be operated with dual air controls located within easy reach of the operator. These controls shall be of a “light” touch design. Cables or chains will not be acceptable.
- ❖ The container loader shall be capable of extending outward from the fully collapsed position a minimum of 36 inches in a horizontal plane
- ❖ Hydraulic reservoir behind cab not acceptable

Packing Mechanism

- ❖ The packer plate shall be mounted on a horizontal plane
- ❖ The cylinder(cylinders) shall be connected to the packer plate to trunnion mountings
- ❖ The packer plate shall be capable of traversing the entire length of the body and shall be capable of exerting 15 1/2 PSI of force across the face of the packer plate
- ❖ The packing mechanism shall operate such that the pack cycle terminates automatically prior to any damage being done to the rear door
- ❖ Packer plate shall be mounted on replaceable steel shoes of a six-inch width that shall ride in the six-inch I-beam packer plate guides installed in the body floor
- ❖ Packer lock-out – the packing mechanism shall be equipped with the capability to prevent containers from being dumped behind the packer plate
- ❖ Packing mechanism cylinder shall be a 2-stage packing cylinder with a main bore diameter of 6 1/2 inches and a stroke length compatible with a 33 cubic yarder
- ❖ Cylinder should be capable of exerting 82,000 pounds of output force
- ❖ Equivalent with new refuse standards, please specify newer upgrades

Hydraulic System

- ❖ The unit shall be equipped with a single stage engine driven hydraulic pump of high GPM
- ❖ Low RPM displacement design with a priority flow control device and dry valve to control the pump
- ❖ It will deliver a minimum of 16 GPM, 750 engine RPM to operate the lift at engine idle
- ❖ The hydraulic pump should be adequate enough to allow the operation of compaction ram and lift without having to shift to neutral and accelerate
- ❖ Compaction cycle control shall be push button control from inside the truck cab with an electric-over-air operated spool valve. All control mounted within each reach of the driver - left hand driven truck
- ❖ Oil reservoir shall be 1 ½ times the capacity of the hydraulic system and not less than 55 gallons
- ❖ Shall be mounted on the side opposite the container loader device
- ❖ Height should not exceed 54" from the ground level of the tank
- ❖ An oil sight level gauge to permit visual determination of the oil in the reservoir
- ❖ The hydraulic system shall be equipped with a hydraulic oil filter on the return line inside the top of the tank with a 100-wire mesh suction strainer
- ❖ There will be a high-pressure in-line filter of 10 micro capabilities in the pressure line ahead of the main control valve. The filter will be of the replaceable element type
- ❖ The hydraulic system will be equipped with a pressure detection device to ensure a maximum of 2400 PSI operating pressure
- ❖ The hydraulic system shall operate at a pressure of 1800 PSI and shall be capable of operating at a pressure of 2000 PSI
- ❖ Hydraulic system to be designed to minimize the generation of heat within the system

Painting

- ❖ Should receive at least one coat of primer and finish coat of Imron Sierra Blue in color to match the cab – this includes body, loader and tailgate
- ❖ Body shall be properly prepared free from weld slag

Miscellaneous

- ❖ Should be equipped with ladder and catwalk on top of packer body
- ❖ The compaction body shall have all necessary warning decals, lights and reflectors to meet State and Federal highway standards
- ❖ Additional lighting should be provided so that operator can see to pickup containers in darkness
- ❖ Complete sets of parts, service and operation manuals

Warranty

- ❖ List the manufacturer's standard warranty
- ❖ Bidder shall attach a copy of the warranty
- ❖ One-year unlimited warranty on all parts
- ❖ One-year unlimited warranty on all labor
- ❖ One-year unlimited warranty on all construction
- ❖ List nearest parts dealer
- ❖ List nearest service dealer
- ❖ Repairs must be made in the first year with unlimited warranty and completed in no more than seven (7) calendar days

Options

- **Would like an extended two-year unlimited warranty on parts, labor, and all construction**