

City of Scottsbluff, Nebraska

Monday, November 15, 2021

Regular Meeting

Item Consent4

Council to approve the bid specifications for the purchase of a Rear Loader Sanitation Vehicle, Cab & Chassis, for the Sanitation Department and authorize the City Clerk to advertise for bids to be received by December 14, 2021 at 1:00 p.m.

Staff Contact: Kim Wright, City Clerk

**CONTRACT DOCUMENTS
FOR
SANITATION VEHICLE
(Truck, Cab, Chassis and Packer Body)**



**City of Scottsbluff, Nebraska
2525 Circle Drive
Scottsbluff, Nebraska 69361**

November 2021

CITY OF SCOTTSBLUFF, NEBRASKA
ADVERTISEMENT FOR BIDS
SANITATION VEHICLE, CAB, & CHASSIS - SANITATION TRUCK

The City of Scottsbluff will receive sealed bids until 1:00 p.m., (M.S.T.) Tuesday December 14, 2021, at the City of Scottsbluff City Hall, Office of the City Clerk, 2525 Circle Drive, Scottsbluff, Nebraska 69361. All bids will be publicly opened and read aloud for furnishing a new or Demo Sanitation Vehicle complete with truck, cab, chassis, and Packer Compactor body on Tuesday December 14, 2021 at 1:00 p.m. (M.S.T.).

Complete bidding documents are available and may be obtained from the City of Scottsbluff at the above referenced address. Bids shall be submitted in a sealed envelope addressed to the City of Scottsbluff with the name "Bid for Sanitation Vehicle" and include the date and time of bid opening.

The City reserves the right to reject any and/or all proposals, waive any informality in the proposals received and to accept the proposals it deems most beneficial to the City.

/s/Kimberly Wright, City Clerk

Publish 3F: November 26, 2021
 December 3, 2021
 December 10, 2021

INFORMATION TO BIDDERS

Bids will be received by the City of Scottsbluff, Office of the City Clerk (hereinafter called the 'OWNER'), at the City of Scottsbluff, 2525 Circle Drive, Scottsbluff, Nebraska 69361 in accordance with the advertisement for bids and then publicly opened and read aloud.

DEFINED TERMS

Terms used in these Instructions to Bidders which are defined in the Standard General Conditions of the Construction Contract have the meanings assigned to them in the General Conditions.

The term 'Bidder' means one who submits a Bid directly to OWNER, as distinct from a sub-bidder, who submits a bid to a Bidder.

The term 'Successful Bidder' means the lowest, qualified, responsible and responsive Bidder to whom OWNER (on the basis of OWNER's evaluation as hereinafter provided) makes an award.

The term 'Bidding Documents' includes the Advertisement or Invitation to Bid, instructions to Bidder, the Bid Form, and the proposed Contract Documents (including all Addenda issued prior to receipt of Bids).

COPIES OF BIDDING DOCUMENTS

Complete sets of the Bidding Documents in the number and for the deposit sum, if any, stated in the Advertisement or Invitation to Bid may be obtained from the OWNER.

Complete sets of Bidding Documents must be used in preparing Bids; OWNER does not assume any responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.

OWNER in making copies of Bidding Documents available on the above terms do so only for the purpose of obtaining Bids on the Work/Supply of Equipment and do not confer a license or grant for any other use.

EXAMINATION OF CONTRACT DOCUMENTS

It is the responsibility of each Bidder before submitting a Bid, to:

Examine the Bidding Documents thoroughly,

Consider Federal, State and Local Laws and Regulations that may affect cost, progress, performance or furnishing of the Work,

Study and carefully correlate Bidder's observations with the Bidding Documents, and

Notify Director of Environmental Services of all conflicts, errors or discrepancies in the Bidding Documents.

The submission of a Bid will constitute an incontrovertible representation by Bidder that Bidder has complied with every requirement of this Request for Bids, that without exception the Bid is premised upon performing and furnishing the Work (work and supply of equipment are of the same meaning throughout this document) required by the Bidding Documents, and such means, methods, techniques, sequences and procedures as may be indicated in or required by the Bidding Documents, and that the Bidding Documents are sufficient in scope and detail to indicate and convey understanding of all terms and conditions for performance and furnishing for the Work.

INTERPRETATIONS AND ADDENDA

All questions about the meaning or intent of the Bidding Documents are to be directed to the OWNER'S Director of Environmental Services. Interpretations or clarifications considered necessary by Director of Environmental Services in response to such questions will be issued by Addenda mailed or delivered to all parties recorded by Director of Environmental Services as having received the Bidding Documents. Questions received less than ten (10) days prior to the date for opening of Bids may not be binding. Oral and other interpretations or clarifications will be without legal effect.

Addenda may also be issued to modify the Bidding Documents as deemed advisable by OWNER.

SUBMISSION OF BIDS

Bids shall be submitted at the time and place indicated in the Advertisement or 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 other delivery system, the sealed envelope shall be enclosed in a separate envelope with the notation "BID ENCLOSED" on the face of the envelope.

BIDS TO REMAIN SUBJECT TO ACCEPTANCE

All bids will remain subject to acceptance for sixty (60) days after the day of the Bid opening, but OWNER may, in its sole discretion, release any Bid and return the Bid security prior to that date.

BID FORM

The Bid Form is included with the Bidding Documents; additional copies may be obtained from the OWNER.

All blanks on the Bid Form must be completed in ink or typed.

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.

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.

All names must be typed or printed below the signature.

The Bid shall contain an acknowledgment of receipt of all Addenda (the numbers of which must be filled in on the Bid Form).

The address and telephone number for communication regarding the Bid must be shown.

QUALIFICATIONS OF BIDDERS

Bidder furnishing the complete vehicle as stated herein must be an authorized franchise dealer and full-service center licensed for the type of truck to be furnished. Bidder shall be located within a fifty-mile radius of Scottsbluff, Nebraska.

Equipment suppliers shall have a minimum of two years as a factory authorized dealer/distributor and service center stocking parts and providing service.

CONTRACT TIME

The number of days within which, or the dates by which, the Work is to be completed is set forth in the Bid Documents and Agreement.

LIQUIDATED DAMAGES

Provisions for liquidated damages, if any, are set forth in the Bidding Documents.

SUBSTITUTE OR 'OR-EQUAL' ITEMS

The Contract, if awarded, will be on the basis of materials and equipment described in the Specifications without consideration of possible substitute or 'no-equal' items. Whenever it is indicated in the Specifications that a substitute or 'or-equal' item of material or equipment may be furnished.

SUBCONTRACTORS, SUPPLIERS AND OTHERS

No Bidder shall be required to employ any Subcontractor, Supplier, other person or organization against whom Bidder has reasonable objection.

NOTIFICATION AND WITHDRAWAL OF BIDS

Bids may be modified or withdrawn by an appropriate document duly executed (in the manner

that a Bid must be executed) and delivered to the place where Bids are submitted at any time prior to the opening of Bids.

OPENING OF BIDS

Bids will be publicly opened. An abstract of the amounts of the base Bids and major alternates (if any) will be made available to Bidders after the opening of Bids.

AWARD OF CONTRACT

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 nonconforming, non-responsive, unbalanced or conditional Bids. Owner also reserves the right to reject the Bid of any Bidder if Owner believes that it would not be in the best interest of the OWNER to make an award to that Bidder, whether because the Bid is not responsive or the Bidder is unqualified or if 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 written 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.

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 Documents or prior to the Notice of Award.

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 the 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.

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/Equipment in accordance with the Bidding Documents to OWNER'S satisfaction within the prescribed time.

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 OWNER to reject any or all Bids and to waive any informality in the Bids received.

If the contract is to be awarded, OWNER will give the Successful Bidder a Notice of Award within sixty (60) days after the day of the Bid opening.

SIGNING OF CONTRACT

When OWNER gives a Notice of Award to the Successful Bidder, it will be accompanied by the required number of unsigned counterparts of the Contract with all other written Bidding Documents attached. Within fifteen (15) days thereafter, BIDDER shall sign and deliver the required number of counterparts of the Contract and attached documents to OWNER with the required Bonds. Within ten (10) days thereafter OWNER shall deliver one (1) fully signed counterpart to BIDDER.

SUPPLEMENTARY CONDITIONS

GENERAL

The General Conditions included herein are modified as follows:

ARTICLE 1 - PAYMENTS TO BIDDER AND COMPLETION

The OWNER will make payment within thirty (30) days of receipt and approval of equipment.

ARTICLE 2 - BOND AND INSURANCE

It is the sole responsibility of the Subcontractors, Suppliers, and other persons and organizations to provide full insurance on all equipment described herein while vehicle is in their possession until delivery and final acceptance by the OWNER'S, Director of Environmental Services.

BIDDERS RESPONSIBILITY & FURNISHED ITEMS

Truck Chassis:

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

The Bidder shall be required to deliver the truck chassis within ninety (90) calendar days of the date of the Notice of Award. If the Bidder cannot meet this schedule, the Bidder shall so note on the Bid/Quotation Form.

Company providing chassis will be responsible for delivering chassis to awarded Packer Body company. Company providing chassis is responsible for notifying the OWNER when chassis is delivered to Packer Body Company.

If the vehicle is not delivered on or before the date as stated herein for completion, or as may be extended by the OWNER, the Bidder shall pay the OWNER liquidated damages in the amount of \$100.00 per day for each and every consecutive calendar day that the Work has not been delivered/incomplete after the date set for completion or the date noted by the Bidder on the Bidding Documents Form in the event the OWNER deems this necessary.

Packer Body:

The OWNER will require that the Work be furnished within the following time schedule:

The Bidder shall be required to deliver the Packer body within forty (40) calendar days of the date of the delivery of the chassis to the Packer body company. If the Bidder cannot meet this schedule they shall so note on the Bid/Quotation Form.

If the Packer body is not delivered on or before the date fixed for completion, or as may be extended by the OWNER, the Bidder shall pay the OWNER liquidated damages in the amount of \$100.00 per day for every consecutive calendar day that the equipment has not been delivered/incomplete after the date set for completion or the date noted by the Bidder on the

Bid/Quotation Form in the event the OWNER deems this necessary.

The sanitation vehicle, truck, chassis and Packer body shall be delivered to the OWNER located at 609 E. 2nd Street, Scottsbluff, NE 69361. within one hundred and thirty (130) calendar days.

DELIVERY AND MANUFACTURER WARRANTY

Chassis and Packer body manufacturers shall each provide two hours of instruction at the City of Scottsbluff- Environmental Services located at 609 E. 2nd Street, Scottsbluff, NE 69361.

Suppliers shall include a minimum of two hours operational and maintenance instruction to be performed upon delivery of the complete unit. The supplier shall notify the City in advance for scheduling the introductory operations. Two copies of operational manuals and parts books shall be furnished with the equipment upon final delivery.

A copy of the manufacturer warranty and brief summary shall be provided with all equipment at the time of delivery. The Truck warranty shall be a minimum of 24 months bumper to bumper and the Packer Body a minimum of 12 months.

POINTS OF CONTACT

City of Scottsbluff 2525 Circle Drive Scottsbluff, NE 69361	Anthony Harris, Director of Environmental Services, (308) 630-0879 Jeff Hyde, Maintenance Mechanic, (308) 630-0879
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TRADE INS

The following information will be completed by the City of Scottsbluff if there is a qualified trade in. Pictures can be furnished upon request

Year: 2006

Make and Model: Freightliner M2-106

VIN #: 1FVHCYDIX7HY03281

Mileage: 124,525 Hours: 16,070

O/P Date: 09/16/2008

CONTRACT INFORMATION

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BID FORM

1. Bidding documents for a “New or Demo Sanitation Truck including, Cab, Chassis, Packer Body and Compactor for the City of Scottsbluff, Nebraska.

2. THIS BID IS SUBMITTED TO: City of Scottsbluff

2525 Circle Drive
Scottsbluff, Nebraska 69361
Telephone: (308) 630-6221
Fax: (308) 630-6294
OWNER

3. The undersigned Bidder proposes and agrees, if this Bid is accepted, to enter into a contact with OWNER, in the form included in the Contract Documents, to supply a new Sanitation Truck as specified or indicated in the Contract Documents for the Contract Price and within the Contract Time indicated in this Bid, and in accordance with the other terms and conditions of the Contract Documents.
4. Bidder accepts all of the terms and conditions of the Advertisement or Invitation to Bid and Instructions to Bidders, including without limitation those dealing with the disposition of Bid security. This Bid will remain subject to acceptance for forty-five (45) days after the day of the Bid opening. Bidder shall sign and submit the Agreement with the Bonds (if applicable) and other documents required by the Bidding Requirements within fifteen (15) days after the date of OWNER’s Notice of Award.
5. In submitting this Bid, Bidder represents, as more fully set forth in the Agreement, that:
6. Bidder has examined copies of all the Bidding Documents and or the following Addenda (receipt of all which is hereby acknowledged):

ADDENDUM NUMBER(S)	DATED

7. Bidder is familiarized with the nature and extent of the Contract Documents. and all local conditions and Laws and Regulations that in any manner may affect cost, progress, performance or furnishing of the Work.
8. Bidder has given OWNER written notice of all conflicts, errors or discrepancies that it has discovered in the Contract Documents and the written resolution thereof by OWNER is acceptable to Bidder.

9. This Bid is genuine and not made in the interest of or on behalf of any undisclosed person, firm or corporation and is not submitted in conformity with any agreement or rules of any group, association, organization or corporation; Bidder has not directly or indirectly induced or solicited any other Bidder to submit a false or sham Bid; Bidder has not solicited or induced any person, firm or corporation to refrain from bidding; and Bidder has not sought by collusion to obtain from itself any advantage over any other Bidder or over OWNER.

10. Other representation required by Laws and Regulations.

11. Bidder will supply the Work as set forth in the Contract Documents for the following prices.

12. Bidder agrees that the completion of Work will be as follows:

The Bidder shall be required to deliver the Work within one hundred thirty (130) calendar days of the date of the Notice of Award. If the Bidder cannot meet this schedule, the Bidder shall so note on the Bid/Quotation Form.

If other completion dates are proposed, please list as an exception following:

List – other completion/delivery date

13. If no exception is taken to the specified completion, the OWNER and Bidder agree that as liquidated damages for delay (but not as penalty) BIDDER shall pay OWNER One Hundred Dollars (\$100.00) per day for each day that expires after the time specified until the Work is complete.

14. The terms used in this Bid which are defined in the General Conditions of the Bidding Document included as part of the Contract Documents have the meanings assigned to them in the General Conditions.

**BID FORM
TRUCK, CAB & CHASSIS
SANITATION VEHICLE**

The Bidder proposes and agrees, if the Bid is accepted, to furnish the Work meeting or exceeding the minimum specifications specified for the contract price and within the time indicated in this Bid. This Bid will remain subject to acceptance for forty-five (45) days after the date of Bid opening.

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

Bidder shall use and complete all items on the bid forms.

A copy of the manufacturer's warranty shall be attached to the Bid forms (minimum 2 years).

**TRUCK, CAB & CHASSIS
SANITATION VEHICLE**

Includes furnishing, servicing, and delivering to Packer Body Company operation and maintenance instruction and all other items necessary to complete the Work; except those items specifically listed hereafter for the following Lump Sum Price:

1 each at:

_____	\$	_____
(Words - Lump Sum Price)		(Figures L.S.)

List: Make and Model: _____

Delivery if other than 90 calendar days: (specify): _____
Total Calendar Days

List: Factory Authorized Parts & Service Center

_____	_____
Address	Years at Present Location

CONTACTS:

Parts: _____ Service: _____

Telephone: _____ Telephone: _____

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PACKER BODY & COMPACTOR

The Bidder proposes and agrees, if the Bid is accepted, to furnish equipment meeting or exceeding the minimum specifications specified for the contract price and within the time indicated in this Bid – Square Body or equal. This Bid will remain subject to acceptance for forty-five (45) days after the date of Bid opening.

A copy of the manufacturer's warranty shall be attached to the bid forms.

Packer Body & Compactor

1 each at:

_____ \$ _____
(Words - Lump Sum Price) (Figures L.S)

Manufacturer: _____

Model: _____

DELIVERY (40 calendar days specified): _____
After receipt of truck (cab and chassis) Total Calendar Days

SPECIFICATIONS

A. CAB AND CHASSIS

1. Application

- 1.1 The intent of these specifications is to describe the minimum requirements for a 64,000 GVWR Twin Screw (tandem axel) Cab and Chassis.
Meets Specifications: Yes: _____ No: _____
- 1.2 This chassis must be capable of carrying the net weight of a Refuse Body with 32 cubic yard capacity, plus the weight of the refuse to be collected.
Meets Specifications: Yes: _____ No: _____
- 1.3 The Cab and Chassis must be usable with no obstructions protruding above the frame.
Meets Specifications: Yes: _____ No: _____
- 1.4 This application not only demands the truck cab and chassis act as the prime mover for this mounted equipment but will also be utilized as the primary source of power for these attachments.
Meets Specifications: Yes: _____ No: _____
- 1.5 Cab shall be painted manufacturer's standard high gloss white with rust preventing primer undercoat.
Meets Specifications: Yes: _____ No: _____
- 1.6 Frame to be painted black.
Meets Specifications: Yes: _____ No: _____

2. Model

- 2.1 The equipment furnished under these specifications shall be new 2015 or latest improved model in current production as offered to the commercial trade.
Meets Specifications: Yes: _____ No: _____

- 2.2 Vehicle shall be complete with all accessory equipment as specified including all operation and service manuals at time of delivery.
Meets Specifications: Yes: _____ No: _____
- 2.3 Vehicle shall comply with all current provisions of the National Traffic and Motor Vehicle Safety Act.
Meets Specifications: Yes: _____ No: _____
- 2.4 Bidders are cautioned to read the specifications carefully as they may include special requirements not commonly offered by the manufacturer.
Meets Specifications: Yes: _____ No: _____
- 2.5 Bidders shall also attach a statement that the cab and chassis offered meets or exceeds these specifications and/or list any exceptions fully and accurately.
Meets Specifications: Yes: _____ No: _____

3. GVWR

- 3.1 64,000 pounds.
Meets Specifications: Yes: _____ No: _____

4. Wheel Base

- 4.1 The cab-to-trunion dimensions will be 204" CT.
Meets Specifications: Yes: _____ No: _____

5. Engine

- 5.1 350 HP Cummins diesel, with 1,000 Ft./lbs. of torque at rated RPM, turbo-charged and after cooled inline 6 cylinder, or approximate equivalent, with full RPM range governor.
Meets Specifications: Yes: _____ No: _____
- 5.2 Shall be of the latest design to comply with current EPA emissions requirements.
Meets Specifications: Yes: _____ No: _____
- 5.3 Heavy duty cooling system with freeze protection to -34 degrees Fahrenheit.

Meets Specifications: Yes: _____ No: _____

- 5.4 Engine cooling system to be equipped with a replaceable spin-on type coolant filter.

Meets Specifications: Yes: _____ No: _____

- 5.5 Heavy duty aluminum radiator.

Meets Specifications: Yes: _____ No: _____

- 5.6 Constant tension hose clamps for coolant hoses.

Meets Specifications: Yes: _____ No: _____

- 5.7 Heavy duty radiator mounting.

Meets Specifications: Yes: _____ No: _____

- 5.8 Remote mounted surge tank with sight glass.

Meets Specifications: Yes: _____ No: _____

- 5.9 Shall have a shutdown system for low engine oil pressure and high coolant temperature.

Meets Specifications: Yes: _____ No: _____

- 6.1 Minimum 50-gallon capacity.

Meets Specifications: Yes: _____ No: _____

- 6.2 Fuel filter/water separator with heated bowl and indicator light.

Meets Specifications: Yes: _____ No: _____

- 6.3 Reinforced nylon fuel hose.

Meets Specifications: Yes: _____ No: _____

7. Transmission

- 7.1 Allison 3,000 RDS 6 speed automatic transmission with PTO provision.

Meets Specifications: Yes: _____ No: _____

7.2 Heavy duty auxiliary transmission cooler.
Meets Specifications: Yes: _____ No: _____

7.3 Transmission check and fill with electronic oil level check.
Meets Specifications: Yes: _____ No: _____

7.4 Magnetic plugs.
Meets Specifications: Yes: _____ No: _____

8. Exhaust System

8.1 Vertical or horizontal muffler meeting EPA noise reduction requirements with a vertical exhaust exiting behind the cab at or above the top of the body. Exhaust opening shall be equipped with a bent elbow or rain cap.
Meets Specifications: Yes: _____ No: _____

9. Electrical System

9.1 12 volts.
Meets Specifications: Yes: _____ No: _____

9.2 Minimum of three (3) maintenance-free batteries providing 650/1950 CCA.
Meets Specifications: Yes: _____ No: _____

9.3 Single battery box frame mounted left hand side under cab.
Meets Specifications: Yes: _____ No: _____

9.4 12 volts/160-amp alternator capable of sustaining load requirements at low engine RPM.
Meets Specifications: Yes: _____ No: _____

Adequate circuit protection using breakers or fuses.
Meets Specifications: Yes: _____ No: _____

- 9.6 Electrical load requirements to be specified and all circuitry mapped for servicing needs.
Meets Specifications: Yes: _____ No: _____

10. Cab and Equipment

- 10.1 Fully enclosed safety-type cab with key locks on all doors.
Meets Specifications: Yes: _____ No: _____
- 10.2 Tilt hood and fender design.
Meets Specifications: Yes: _____ No: _____
- 10.3 Interior of adequate size and configuration to allow seating for a crew of three.
Meets Specifications: Yes: _____ No: _____
- 10.4 Seats: air ride driver seat and air ride passenger seat.
Meets Specifications: Yes: _____ No: _____
- 10.5 Assist handles, left and right-hand sides.
Meets Specifications: Yes: _____ No: _____
- 10.6 Heated power mirrors: left- and right-hand side west coast type with convex spot mirrors.
Meets Specifications: Yes: _____ No: _____
- 10.7 Dome light and courtesy switch.
Meets Specifications: Yes: _____ No: _____
- 10.8 AM/FM radio with front AUX port.
Meets Specifications: Yes: _____ No: _____
- 10.9 Seat belts for all passengers.
Meets Specifications: Yes: _____ No: _____
- 10.10 Key check for warning light.

Meets Specifications: Yes: _____ No: _____

10.11 Minimum 10 gallon after treatment tank. (DEF)

Meets Specifications: Yes: _____ No: _____

10.12 Full gauge instrumentation including engine hour meter and tachometer.

Meets Specifications: Yes: _____ No: _____

10.13 Horn; air

Meets Specifications: Yes: _____ No: _____

10.14 Production design headliner.

Meets Specifications: Yes: _____ No: _____

10.15 Left and right sun visors.

Meets Specifications: Yes: _____ No: _____

10.16 Insulated rubber floor mat.

Meets Specifications: Yes: _____ No: _____

10.17 Heater/air conditioner circulating fan to have at least three (3) speeds. Air conditioner must have environmentally safe refrigerant.

Meets Specifications: Yes: _____ No: _____

10.18 Parking brake on-off control.

Meets Specifications: Yes: _____ No: _____

10.19 All lighting to meet CCC regulations and as required by law.

Meets Specifications: Yes: _____ No: _____

10.20 Painted front bumper.

Meets Specifications: Yes: _____ No: _____

10.21 Two (2) front tow hooks frame mounted.

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Meets Specifications: Yes: _____ No: _____

11. Windshield Wipers

11.1 Variable speed electric with intermittent.
Meets Specifications: Yes: _____ No: _____

11.2 Electric washers.
Meets Specifications: Yes: _____ No: _____

12. Steering

12.1 Power assisted steering.
Meets Specifications: Yes: _____ No: _____

13. Service Brakes

13.1 Full air brake package with low air warning device.
Meets Specifications: Yes: _____ No: _____

13.2 12 CFM air compressor, pressure oiled, water-cooled.
Meets Specifications: Yes: _____ No: _____

13.3 Air reservoir with 2,000 cubic inch capacity.
Meets Specifications: Yes: _____ No: _____

13.4 Automatic moisture ejector with heater.
Meets Specifications: Yes: _____ No: _____

13.5 Air dryer located on outside of frame and not more than 12 feet from compressor.
Meets Specifications: Yes: _____ No: _____

13.6 Front and rear brakes with dust shields to be Rockwell S-cam with Bendix automatic slack adjusters or approved equal.
Meets Specifications: Yes: _____ No: _____

14. Parking Brake

- 14.1 Spring set-air release on rear driving wheels with dash mounted control. Flipper work brake to be tied to auto neutral.

Meets Specifications: Yes: _____ No: _____

15. Front Axle

- 15.1 18,000 pounds, SET BACK AXLE, I-beam design.

Meets Specifications: Yes: _____ No: _____

- 15.2 C.R. "Scotseal Plus" unitized wet type wheel seals.

Meets Specifications: Yes: _____ No: _____

16. Front Suspension

- 16.1 18,000-pound capacity springs, combined rating at the ground.

Meets Specifications: Yes: _____ No: _____

- 16.2 Heavy-duty shock absorbers.

Meets Specifications: Yes: _____ No: _____

17. Rear Axle

- 17.1 46,000-pound capacity single reduction with a moderately deeper rear axle ratio and locking differential to adequately handle a fully loaded truck.

Meets Specifications: Yes: _____ No: _____

18. Rear Suspension

- 18.1 46,000-pound Tuftrac suspension or approved equal.

Meets Specifications: Yes: _____ No: _____

19. Frame

- 19.1 Heavy-duty heat-treated frame rails not less than 3,000,000 RBM per rail. The strength and construction to be consistent with the GVW rating of the vehicle for both on and off-road use. Off-road use relates to those conditions encountered in operational conditions at a sanitary landfill.

Meets Specifications: Yes: _____ No: _____

- 19.2 Clean frame on outside of rails from back of cab to front of rear tires.

Meets Specifications: Yes: _____ No: _____

- 19.3 Light weight heavy-duty aluminum engine crossmember.

Meets Specifications: Yes: _____ No: _____

20. Wheels/Tires

- 20.1 Front: wheels to be Accuride 22.5" x 9.00", 10-hole hub centering unimount.
Front: tires to be Michelin XZA 315/80R22.5 20 ply radial or equivalent equal.

Meets Specifications: Yes: _____ No: _____

- 20.2 Rear: wheels to be Accuride 22.5" x 8.25", 10-hole hub centering unimount.
Rear: tires to be Michelin XDE 11R22.5 14 ply radial or equivalent equal.

Meets Specifications: Yes: _____ No: _____

21. Paint

- 21.1 Paint to be high gloss white as provided by the manufacturer with rust-preventing primer undercoat. DuPont IMRON.

Meets Specifications: Yes: _____ No: _____

B. REFUSE BODY

1. Application

- 1.1 It is the intent of these specifications to describe the minimum requirements for a refuse collection body of the rear loader design.
Meets Specifications: Yes: _____ No: _____
- 1.2 The capacity shall be 32 cubic yards, exclusive of the hopper. No Longer than 270” without roll bar.
Meets Specifications: Yes: _____ No: _____
- 1.3 Features standard to this unit will be furnished by the successful bidder. Body shall conform in strength, quality of material and workmanship to that provided by the best engineering and manufacturing practices of the industry.
Meets Specifications: Yes: _____ No: _____
- 1.4 All equipment shall be of new model design, assembled and ready for operation at the time of delivery.
Meets Specifications: Yes: _____ No: _____
- 1.5 Bidders shall attach a statement that the unit meets or exceeds these specifications and/or list any exceptions fully and accurately.
Meets Specifications: Yes: _____ No: _____

2. General

- 2.1 Refuse body will have a capacity of 32 cubic yards exclusive of the hopper. Body weight shall not exceed 16,550 pounds.

Meets Specifications: Yes: _____ No: _____

- 2.2 Packer body capable of packing a minimum of 1,000 pounds per cubic yard of dry commercial refuse.

Meets Specifications: Yes: _____ No: _____

- 2.3 Hopper shall have a minimum capacity of 3.55 cubic yards.

Meets Specifications: Yes: _____ No: _____

- 2.4 Packer body must meet all applicable ANSI Z-245.1 safety standards.

Meets Specifications: Yes: _____ No: _____

- 2.5 The truck shall be equipped with a PTO capable of supporting a PARKER pump arrangement which requires no driveshaft. 42 GPM at 1200 RPM, with minimum of 2400 PSI pressures. NO Pressures below 2000 PSI will be accepted.

Meets Specifications: Yes: _____ No: _____

- 2.6 PTO is to be of "hot shift" design, hydraulically actuated and protected by an Engine Overspeed Speed (E.O.S.) device. Close Coupled "NO DRIVE SHAFTS Accepted"

Meets Specifications: Yes: _____ No: _____

- 2.7 A hydraulically powered container-lifting device shall be mounted to the body roof. The reeving cylinder shall have a 12,000-pound lift capacity and lift up to 6-yard cubic yard containers.

Meets Specifications: Yes: _____ No: _____

- 2.8 Hydraulic Kick Bar device to lift and dump up to 4 cubic yard commercial containers, including trunion locks to lock container into position along with associated hydraulic components. The roll bar shall be completely adjustable in the field so that the City of Scottsbluff can have the roll-bar meet their containers without any problems.

Meets Specifications: Yes: _____ No: _____

3. Body Construction (the following specifications are minimums)

- 3.1 The body shall be of all steel welded construction. Inside body shall be smooth on the floor, side walls and roof. Sides, roof and floor shall be robotically welded to prevent distortion of the heat when welded.

Meets Specifications: Yes: _____ No: _____

- 3.2 All pivot points shall be provided with grease zerks.

Meets Specifications: Yes: _____ No: _____

- 3.3 The body sides shall be constructed of 8-gauge, 80,000 PSI steel minimum. The body front header, upper header and rear header shall be boxed. NO BUTT welding will be accepted.

Meets Specifications: Yes: _____ No: _____

- 3.4 The roof shall be constructed of 8-gauge, 80,000 PSI steel minimum.

Meets Specifications: Yes: _____ No: _____

- 3.5 The flat body floor shall be 7-gauge, 100,000 PSI steel minimum. Must NOT have inboard guide rails or a trough. The floor shall be fully supported by and interlaced under structure that is fully robotically welded. Floor cross members understructure shall be 3"x6" made with 7-gauge material like the smooth floor material.

Meets Specifications: Yes: _____ No: _____

- 3.6 Side access door shall be located street side of body sidewall.

Meets Specifications: Yes: _____ No: _____

- 3.7 Side access door shall be equipped with a safety interlock to disengage the hydraulic system when open. And have fold up ladder.

Meets Specifications: Yes: _____ No: _____

4. Body Dimensions

- 4.1 Outside width of body not to exceed 96 inches.

Meets Specifications: Yes: _____ No: _____

5. Hopper

- 5.1 The hopper capacity shall not be less than 3.55 cubic yards water level.

Meets Specifications: Yes: _____ No: _____

- 5.2 Hopper cycle time with a standard PTO and pump shall not exceed an average 17-19 seconds. The reload time of trash shall be 6-8 seconds in the cycle.

Meets Specifications: Yes: _____ No: _____

- 5.3 The entire hopper floor shall be a minimum 3/16-inch, 150,000 PSI steel.

Meets Specifications: Yes: _____ No: _____

- 5.4 A hopper sides shall be constructed of 3/16-inch, 150,000 PSI steel.

Meets Specifications: Yes: _____ No: _____

- 5.5 The hopper wall braces shall be 8-gauge, 80,000 PSI high strength steel.

Meets Specifications: Yes: _____ No: _____

6. Packing Mechanism

- 6.1 The sweep panel shall be of the backhoe packing type, and designed to have a minimum clearance to thoroughly clean the hopper bottom during cycling.

Meets Specifications: Yes: _____ No: _____

- 6.2 The sweep panel face plate shall be constructed of 3/16", 150,000 PSI steel and shall be reinforced with internal braces.

Meets Specifications: Yes: _____ No: _____

- 6.3 The sweep panel shall be powered by two 5" double acting cushioned cylinders equipped with bronze bushings with a 36" stroke.

Meets Specifications: Yes: _____ No: _____

- 6.4 The sweep panel cutting edge is to be 3/16" 321 BHN Abrasion resistant plate steel at 150,000 PSI.

Meets Specifications: Yes: _____ No: _____

- 6.5 The slide panel face plate shall be constructed of 7-gauge 150,000 PSI steel with 3/16" 150,000 PSI steel side frames.

Meets Specifications: Yes: _____ No: _____

- 6.6 The slide panel shall be powered by two 5.5-inch cushioned double acting cylinders, and a 24" stroke. Located inside the hopper confines NOT coming in contact with trash. These cylinders shall carry 111,670 pounds of packing force minimum.
Meets Specifications: Yes: _____ No: _____
- 6.7 The slide and sweep cycles will be positive and automatic and be operated from the right-hand side of the tailgate at the rear, with a race lever shift design. Both handles must be able to be gripped with one hand in a single motion.
Meets Specifications: Yes: _____ No: _____
- 6.8 All levers to be clearly identified that allow the operator to start, stop and reverse the direction of any function at any time throughout the packing cycle.
Meets Specifications: Yes: _____ No: _____

7. Tailgate

- 7.1 The tailgate is to be hinged at or above the roof line using (two) 1 inch, 50,000 PSI heavy duty hinges. It is to be raised for load ejection by two, 3½ inch bore, double acting cylinders mounted on the outside of the tailgate. These cylinders shall be of a design that will prevent rapid lowering of the tailgate in case of a hydraulic component failure.
Meets Specifications: Yes: _____ No: _____
- 7.2 Tailgate to be held closed by two screw clamps, one on each side of the tailgate. Clamps are to be equipped with a fast-spin handle.
Meets Specifications: Yes: _____ No: _____
- 7.3 A gasket is to be affixed to the tailgate to provide a water tight seal between the body and the tailgate.
Meets Specifications: Yes: _____ No: _____
- 7.4 The tailgate must be equipped with a tailgate ajar switch with warning light fixed in the cab which complies with ANSI standards and warns when the tailgate is partially to completely open.
Meets Specifications: Yes: _____ No: _____

- 7.5 Riding steps are needed on both sides of the tailgate. To be undercoated with hard Rhino type material.
Meets Specifications: Yes: _____ No: _____
- 7.6 Body hinge structures must be of proper design and construction to support the tailgate.
Meets Specifications: Yes: _____ No: _____
- 7.7 Two tailgate props (one each side) externally mounted shall be furnished. Tailgate to be open in the propped position in a minimum of 24 inches.
Meets Specifications: Yes: _____ No: _____

8. Ejection Unload System

- 8.1 Dumping is to be accomplished by the full ejection method. Raising of the body for ejection purposes is not acceptable. Control lever for ejection is to be located at the front, left side of the body.
Meets Specifications: Yes: _____ No: _____
- 8.2 Ejection shall be done by means of a double acting single stage hydraulic cylinder coupled to a push-out bar operated in conjunction with a double acting single stage hydraulic clamping cylinder or a telescoping, full length hydraulic cylinder. No portion of the ejection forces shall be directed toward the body floor (downward).
Meets Specifications: Yes: _____ No: _____
- 8.3 Ejector panel shall be 11-gauge 80,000 PSI steel capable of withstanding the packing pressures generated by the packing process. It must be designed to act as a bulkhead against which refuse is compressed by the packer plate and capable of ejecting highly compacted refuse loads.
Meets Specifications: Yes: _____ No: _____
- 8.4 The ejector panel is to travel the full length of the body and be equal in area to the cross section of the body.
Meets Specifications: Yes: _____ No: _____

- 8.5 Ejector panel will travel on friction reducing composite materials that can be replaced without removing the panel from the body. Must be able to flip over the shoes from bottom to top side for complete wear.

Meets Specifications: Yes: _____ No: _____

- 8.6 No part of the ejector panel shall protrude into the hopper when it is in the rearmost position.

Meets Specifications: Yes: _____ No: _____

9. Hydraulic System

- 9.1 The hydraulic pump is to be a spur gear type with wear compensating side plates using hydraulic pressure to keep them properly tensioned and positioned to maintain a consistent fluid flow rate. Pump to be driven through a transmission mount PTO.

Meets Specifications: Yes: _____ No: _____

- 9.2 Pump capacity shall not be less than 42 GPM at 1200 RPM.

Meets Specifications: Yes: _____ No: _____

- 9.3 A factory installed relief valve shall be incorporated into the system and set at a minimum of 2400 PSI.

Meets Specifications: Yes: _____ No: _____

- 9.4 A 3-micron filter is to be installed in the return line with a visible indicator when the system is restricted and in a bypass mode. Prior to filtering into the filter, a 100-micron mesh shall separate much of the fluid contaminants.

Meets Specifications: Yes: _____ No: _____

- 9.5 The hydraulic tank is to be mounted on frame rail and equipped with a 3-micron breather filter and eye level sight gauge.

Meets Specifications: Yes: _____ No: _____

- 9.6 The hydraulic reservoir must have a capacity of at least 42 gallons.

Meets Specifications: Yes: _____ No: _____

- 9.7 The hydraulic system must contain cylinders capable of performing the operational requirements set forth in these specifications.

Meets Specifications: Yes: _____ No: _____

- 9.8 Hydraulic hoses are to be SAE approved construction with hose burst pressure 4 times working pressure. All hydraulics to have O-ring face seals.

Meets Specifications: Yes: _____ No: _____

- 9.9 The system must contain a manually operated control valve providing sufficient capacity to operate all hydraulic components.

Meets Specifications: Yes: _____ No: _____

- 9.10 All hydraulic control assemblies must be located so that at no time or load condition it becomes necessary to remove the load to service these components.

Meets Specifications: Yes: _____ No: _____

- 9.11 All cylinders are to have latest design sealing materials. All cylinders to operate without direct contact with collection refuse.

Meets Specifications: Yes: _____ No: _____

10. Cab and Equipment

- 10.1 Controls for the packer operation are to be located curb side at the rear of the unit. This/these manually operated lever(s) must have the capability to start, stop or reverse the packing mechanism. The dual lever control rods must be located outside the hopper. Control rods to go directly into operating valve no cross linkage will be considered.

Meets Specifications: Yes: _____ No: _____

- 10.2 An automatic throttle advance must be provided for the packing operation.

Meets Specifications: Yes: _____ No: _____

- 10.3 A push button switch that activates a driver signal in the cab is to be provided on both sides of the tailgate to signal the driver.

Meets Specifications: Yes: _____ No: _____

- 10.4 Tailgate life and ejector controls are to be located street side at the front of the body.

Meets Specifications: Yes: _____ No: _____

- 10.5 PTO/pump controls are to be mounted in the cab, with truck cab integration.
Meets Specifications: Yes: _____ No: _____

11. Lighting and Wiring

- 11.1 Body lighting must conform to FMVSS#108 regulations.
Meets Specifications: Yes: _____ No: _____
- 11.2 For maximum visibility, a light panel above the hopper must be provided, consisting of two 4-inch LED red stop/tail lights, two 4-inch amber LED turn signal lights, three individual LED ID lights. All lights to be grommet mounted except utility and license plate lights. Also, one strobe light shall be mounted on top of the tailgate and shall be turned on only when the truck is backing up. All lights shall be Peterson Smart Lighting system with LED lights and strobes.
Meets Specifications: Yes: _____ No: _____
- 11.3 A lighted license plate bracket will be provided. Two built in LED strobes on front of box and two upper tailgate and lower tailgate strobes
Meets Specifications: Yes: _____ No: _____
- 11.4 Wiring to be enclosed in a pre-assembled sealed harness to meet SAE specifications J2223-1-2-3.
Meets Specifications: Yes: _____ No: _____
- 11.5 All electrical junction locations are to be within the body structure and must be weatherproof.
Meets Specifications: Yes: _____ No: _____
- 11.6 All wiring to be color-coded and labeled.
Meets Specifications: Yes: _____ No: _____
- 11.7 A backup alarm conforming to ANSI standards must be provided. The alarm must also sound when the tailgate is not closed.
Meets Specifications: Yes: _____ No: _____

12. Painting

- 12.1 The body shall be properly cleaned with a chemical etching solution to remove all dirt, oil and prepare the surface for good paint adhesion. All surfaces shall be clean of welding slag. Painted with DuPont Imron paint white.

Meets Specifications: Yes: _____ No: _____

- 12.2 All burrs and rough spots are to be ground off to a clean, smooth surface.

Meets Specifications: Yes: _____ No: _____

- 12.3 A coat of lead-free primer with rust inhibitors shall be applied.

Meets Specifications: Yes: _____ No: _____

- 12.4 Top finish coat is to be baked on high gloss white.

Meets Specifications: Yes: _____ No: _____

13. Camera

- 13.1 A color camera shall be provided on the rear of the truck for use as a backup camera. Protective cases shall be provided for the camera.

Meets Specifications: Yes: _____ No: _____

14. Additional Information

- 14.1 A color monitor shall be mounted in the cab and be a fully adjustable flat screen type.

Meets Specifications: Yes: _____ No: _____

15. Option – With On-Board Weighing System

- 15.1 The purpose of the On-Board Weighing System is to provide the truck operator the ability to load the truck up to the legal limit. An in-dash display must accurately show the steer and drive axle group weights, GVW and NET payload weights.

Meets Specifications: Yes: _____ No: _____

16. Warranty

- List manufacturer's standard warranty

Meets Specifications: Yes: _____ No: _____

- Bidder shall attach copy of warranty
Meets Specifications: Yes: _____ No: _____
- One-year unlimited warranty on all parts
Meets Specifications: Yes: _____ No: _____
- One-year unlimited warranty on all labor
Meets Specifications: Yes: _____ No: _____
- One-year unlimited warranty on all construction
Meets Specifications: Yes: _____ No: _____
- Repairs must be made in the first year with unlimited warranty and completed in no more than five (5) calendar days
Meets Specifications: Yes: _____ No: _____
- If repairs are made by the City in the first year, the City will be reimbursed for labor and parts
Meets Specifications: Yes: _____ No: _____

17. Contract Negotiations

- 17.1 The City of Scottsbluff reserves the right to negotiate any and all items in the formal contract as they may relate to the Specifications, etc. found in the Request for Bids.