



DEPARTMENT OF SOLID WASTE MANAGEMENT



BID REQUEST



**PURCHASE OF TWO (2) RESIDENTIAL AUTOMATED
RIGHT HAND DRIVE SIDE LOAD RETRIEVERS**

Bid # 2017-08

BID DUE DATE: Monday, October 03, 2016
DUE TIME: 3:00 P.M., C.S.T.

**8601 N. Jasman Rd • P.O. Box 1079 • Edinburg, Texas 78540
Phone (956) 381-5635 • Fax (956) 292-2064**

NOTICE TO BIDDERS

The City of Edinburg is soliciting sealed bids to be received by the City Secretary's Office located at 415 W. University Drive, Edinburg, Texas 78541. City of Edinburg normal business days are Monday through Friday between the hours of 8:00 a.m. to 5:00 p.m. and shall be closed on recognized holidays.

Bids will be received until **3:00 p.m. Central Time**, on **Monday, October 03, 2016**, shortly thereafter all submitted bids will be gathered and taken to the Edinburg City Hall Community Room, 1st Floor, to be publicly opened and read aloud. Any bid received after the closing time will not be accepted and will be returned to the bidder unopened. It is the responsibility of the bidder to see that any bid submitted shall have sufficient time to be received by the City Secretary's Office prior to the bid opening date and time. The receiving time in the City Secretary's Office will be the governing time for acceptability of the bids. Bids will not be accepted by telephone or facsimile machine. All bids must bear original signatures and figures. The Bid shall be for:

BID NO. 2017-08

PUCHASE OF TWO (2) NEW RESIDENTIAL AUTOMATED RIGHT HAND DRIVE SIDE LOAD RETRIEVER

Bidders receiving a "NOTICE TO BIDDERS" and/or "REQUEST FOR PROPOSALS" notice in the mail or reading same in the newspaper are advised that the bidding documents can be downloaded from the City of Edinburg web page address: www.cityofedinburg.com, or may obtain copies of same by contacting the office of:

LORENA FUENTES, PURCHASING AGENT, LOCATED AT 415 W. UNIVERSITY DRIVE, Edinburg, TX 78541 by calling (956) 388-1895 or by e-mailing your request to the following e-mail address: lfuentes@cityofedinburg.com

If you have any questions or require additional information regarding this bid, please contact **Solid Waste Management at (956) 381-5635.**

If Hand-delivering Bids: 415 West University Drive,
c/o City Secretary Department (1st Floor)

If using Land Courier (i.e., FedEx, UPS): City of Edinburg
c/o City Secretary
415 West University Drive
Edinburg, Texas 78541

If Mailing Bids: City of Edinburg
c/o City Secretary
P.O. Box 1079
Edinburg, TX 78540-1079

The City of Edinburg reserves the right to refuse and reject any or all bids and to waive any or all formalities or technicalities and to accept the bid deemed most advantageous to the City, and hold the bids for a period of **60** days without taking action.

Bids must be submitted in an envelope sealed with tape and prominently marked on the lower left hand corner of the bid envelope with corresponding bid number and title.

**CITY OF EDINBURG
INSTRUCTIONS TO BIDDERS**

DEVIATION FROM SPECIFICATION

Please read your specifications/requirements thoroughly and be sure that the SERVICES offered comply with all specifications/requirements. Any variation from the specifications/requirements must be clearly indicated by letter attached to your bid referencing variations on a point-by-point basis. If no exceptions are noted, and you are the successful bidder, it will be required that the SERVICES be provided as specified.

PURPOSE

1. The purpose of these specifications/requirements and bidding documents is for the **PURCHASE OF TWO (2) NEW RESIDENTIAL AUTOMATED RIGHT HAND DRIVE SIDE LOAD RETRIEVER** for the City of Edinburg.

2. The SERVICES to be furnished under this bid shall be as specified in these bid documents. All specifications/requirements shown are minimum. There is no intention to disqualify any bidder who can meet these specifications/requirements.

SUBMITTAL OF BID

Bids will be submitted in sealed envelopes upon the blank bid form attached hereto. Submit two (2) complete sets of the bid, one (1) original marked "**ORIGINAL**," and one (1) copy marked "**COPY**". Each bid must be completely filled out and SUBMITTED IN ORIGINAL FORM, complete with all supporting documentation. Bids submitted by facsimile (fax) or electronically will **NOT** be accepted. Submittal of a bid in response to this solicitation for Bids constitutes an offer by the Bidder. Bids which do not comply with these specifications/requirements may be rejected at the option of the City. Bids must be filed with the City of Edinburg, before opening day and hour. No late Bids will be accepted. They will be returned to Bidder unopened (if properly identified).

If Hand-delivering Bids: 415 West University Drive, c/o City Secretary Department (1st Floor)

If using Land Courier (i.e., FedEx, UPS): 415 West University Drive, c/o City Secretary Department (1st Floor), Edinburg, Texas 78541

If Mailing Bids: P.O. Box 1079, Edinburg, TX 78540-1079

PREPARATION OF BID

Bids **MUST** give full firm name and address of bidder, and be manually signed. Failure to do so will disqualify your bid. Person signing bid must show title or AUTHORITY TO BIND HIS/HER FIRM IN A CONTRACT.

Firm name and authorized signature must appear on each page that calls for this information. The legal status of the Respondent/Bidder whether corporation, partnership, or individual, shall also be stated in the bid. A corporation shall execute the bid by its duly authorized officers in accordance with its corporate by-laws and shall also list the state in which it is incorporated. A partnership Respondent/Bidder shall give full names and addresses of all partners. All partners shall execute the bid. Partnership and Individual Respondent/Bidder shall state in the bid the names and addresses of all persons with a vested interest therein. The place of residence of each Respondent/Bidder, or the office address in the case of a firm or company, with county and state and telephone number, shall be given after the signature.

ALTERATIONS/AMENDMENTS TO BID

Bids **CANNOT** be altered or amended after opening time. Alterations made before opening time must be initialed by bidder guaranteeing authenticity. No bid may be withdrawn after opening time without acceptable reason in writing and only after approval by the City of Edinburg.

SALES TAX

State sales tax must not be included in the bid.

SUBSTITUTIONS

No substitutions or cancellations will be permitted without written approval of City of Edinburg.

NO BID RESPONSE

If unable to submit a bid, bidder should return inquiry giving reasons.

EXCEPTIONS

Any additions, deletions, or variations from the following specifications/requirements must be noted. The bidder shall attach to his/her bid sheet a list of any exceptions to the specifications/requirements if unable to do so, on specification sheet.

BRAND OR MANUFACTURER REFERENCE

Unless otherwise specified, any catalog or manufacturer's reference or brand name used in describing an item is merely descriptive, and not restrictive, and is used only to indicate type and style of product desired. Bids on alternate brands will be considered if they meet specification requirements. If a bidder quotes on equipment other than the one(s) specified in the bid, sufficient specifications and descriptive (pictured literature) data must accompany same to permit thorough evaluation. In the absence of these qualifications, he/she will be expected to furnish the product called for.

DELIVERY

Number of days required to deliver SERVICES after receiving order must be stated in the bid. Failure to so state will obligate bidder to complete service delivery within ONE day.

DELAY IN SERVICE DELIVERY

When delay can be foreseen, Bidder shall give prior notice to City of Edinburg. Bidder must keep City of Edinburg advised at all times of status of order. Default in promised service delivery (without acceptable reasons) or failure to meet specifications/requirements, authorizes the City of Edinburg to purchase such SERVICES elsewhere and charge increase in cost to defaulting vendor. Acceptable reasons for delayed delivery are as follows: Acts of God (floods, tornadoes, hurricanes, etc.), acts of government, fire, strikes, war; Actions beyond the control of the successful bidder.

SERVICE DELIVERED PRICING

Bids in units of quantity specified - extend and show total. In the event of discrepancies in extension, unit prices will govern. Bids subject to unlimited price increase will not be considered.

VALID BID TIME FRAME

The City may hold bids 60 days after bid opening without taking action. BIDDERS shall be required to hold their Bids firm for the same period of time.

RIGHT TO REJECT/AWARD

The City of Edinburg reserves the right to refuse and reject any or all Bids, and to waive any or all formalities or technicalities, and to make such awards of contract as may be deemed to be the best and most advantageous to the City of Edinburg.

MULTIPLE VENDOR CONTRACTS

Bidders are advised that the City of Edinburg may award Service Contracts to multiple vendors based on low bid per item basis. All items specified on the "Bid Form" must reflect the individual unit prices. The City of Edinburg reserves the right to award all items individually or in any combination thereof.

INDEMNIFICATION CLAUSE

The Bidder agrees to indemnify and save harmless the City, from all suits and actions of every nature and description brought against them or any of them, for or on account of the use of patented appliances, products or processes, and he shall pay all royalties and charges which are legal and equitable. Evidence of such payment or satisfaction shall be submitted upon request of the Purchasing Agent, as a necessary requirement in connection with the final estimate for payment in which such patented appliance, products or processes are used.

ADDENDA

Bidder shall carefully examine the bid forms, specifications/requirements, and instructions to Bidders. Should the bidder find discrepancies in, or omissions from bid forms, specifications/requirements, or other documents, or should he/she be in doubt as to their meaning, he/she should at once notify the Purchasing Agent (Edinburg City Hall, 956-418-1895) and obtain clarification by addendum

prior to submitting any bid. Explanations, interpretations, and supplemental instructions shall be in the form of written Addenda which shall become a part of the Contract documents. Said Addenda shall be mailed, e-mailed, hand delivered and/or faxed, to all prospective Bidders. All Addenda issued in respect to this project shall be considered official changes to the original bid documents. Verbal statements in response to inquiries and/or requests for explanations shall not be authoritative nor binding. It shall be the Bidder(s) responsibility to ensure that they have received all Addenda in respect to this project. Furthermore, Bidders are advised that they must recognize, comply with, and attach a signed copy of each Addendum which shall be made part of their Bid Submittal. Bidder(s) signature on Addenda shall be interpreted as the bidder's "recognition and compliance to" official changes as outlined by the City of Edinburg and as such are made part of the original solicitation documents. Failure of any bidder to receive any such addendum or interpretation shall not relieve such Bidder from its terms and requirements. The City may issue a written addendum no later than five calendar days prior to the date bids must be received. Addendums are available online at www.cityofedinburg.com.

PAYMENT

The City of Edinburg will execute payment by mail in accordance with the State of Texas Pay Law after SERVICES have been provided and invoiced. No other method of payment will be considered.

SYNONYM

Where in this bid package ITEMS OR SERVICES is used its meaning shall refer to the **PURCHASE OF TWO (2) NEW RESIDENTIAL AUTOMATED RIGHT HAND DRIVE SIDE LOAD RETRIEVER** as specified.

ASSIGNMENT

Neither the Bidder's contract nor payment due to an awarded vendor may be assigned to a third party without the written approval of the Purchasing Department for the City of Edinburg.

INTERPRETATIONS

Any questions concerning the conditions and/or specifications/requirements with regards to this solicitation for Bids shall be directed to the designated individuals as outlined in the Request for Bids. Such interpretations, which may affect the eventual outcome of this request for Bids, shall be furnished in writing to all prospective Bidders via Addendum. No interpretation shall be considered binding unless provided in writing by the City of Edinburg in accordance with paragraph entitled "Addenda".

STATUTORY REQUIREMENTS

It shall be the responsibility of the successful Bidder to comply with all applicable State & Federal laws, Executive Orders and Municipal Ordinances, and the Rules and Regulations of all authorities having jurisdiction over the work to be performed hereunder and such shall apply to the contract throughout, and that they will be deemed to be included in the contract as though written out in full in the contract documents. (To include issues related to health, environmental, and safety to name a few.)

BIDDER'S EMPLOYEES

Neither the Bidder nor his/her employees engaged in fulfilling the terms and conditions of this Purchase Contract shall be considered employees of the City. The method and manner of performance of such undertakings shall be under the exclusive control of the vendor on contract. The City shall have the right of inspection of said undertakings at any time.

RIGHT TO WAIVE

City of Edinburg reserves the right to waive or take exception to any part of these specifications/requirements when in the best interest of the City of Edinburg.

COOPERATIVE PRICING

Bidders are advised that in addition to responding to our "local" solicitation for bids/Bids with Dealer pricing, vendors/contractors are encouraged to provide pricing on the below referenced items/products/services based on BuyBoard, TX-MAS, H-GAC and/or any other State of Texas recognized and approved cooperative which has complied with the bidding requirements for the State of Texas. If bidding other than or in addition to "dealer" pricing, kindly duplicate the bid forms for each bid being provided from a cooperative contract. Any and all applicable fees must be included. All cooperative pricing must be submitted on or before bid opening date and hour.

TIME ALLOWED FOR ACTION TAKENThe City of Edinburg may hold bids **60** days after the opening of Bids without taking action. Bidders are required to hold their Bids firm for same period of time.

PREPARATION OF BID

The City of Edinburg shall not be held liable for any costs incurred by any bidder for work performed in the preparation of and production of a bid or for any work performed prior to execution of contract.

CONFIDENTIAL INFORMATION

Any information deemed to be confidential by the bidder should be clearly noted on the pages where confidential information is contained; however, the City cannot guarantee that it will not be compelled to disclose all or part of any public record under Texas Public Information Act, since information deemed to be confidential by the bidder may not be considered confidential under Texas Law, or pursuant to a Court order.

VERBAL THREATS

Any threats made to any employee of the City, be it verbal or written, to discontinue the providing of item/material/services for whatever reason and/or reasons shall be considered a breach of contract and the City will immediately sever the contract with the Vendor on contract.

MATHEMATICAL ERRORS

In the event that mathematical errors exist in any bid, unit prices/rates -v- totals, unit prices/rates will govern.

AUDIT

The City of Edinburg reserves the right to audit the vendor's books and records relating to the performance of this contract. The City of Edinburg, at its own expense, shall have the right at all reasonable times during normal business hours and upon at least twenty-four (24) hours' advance notice, to audit, to examine, and to make copies of or extracts from the books of account and records maintained by the vendor(s) with respect to the Supply/Service and/or Purchase Contract. If such audit shall disclose overpayment by City to vendor, written notice of such overpayment shall be provided to the vendor and the amount of overpayment shall be promptly reimbursed by vendor to the City. In the event any such overpayment is not paid within ten (10) business days after receipt of such notice, the unpaid amount of such overpayment shall bear interest at the rate of one percent (1%) per month from the date of such notice until paid.

PAST PERFORMANCE

Vendor's past performance shall be taken into consideration in the evaluation and award of Service Contract for the Purchase of SERVICES.

JURISDICTION

Contract(s) executed as part of this solicitation shall be subject to and governed under the laws of the State of Texas. Any and all obligations and payments are due and performable and payable in Hidalgo County, Texas.

VENUE

The parties agree that venue for purposes of any and all lawsuits, cause of action, arbitration, and/or any other dispute(s) shall be in Hidalgo County, Texas.

IF YOU HAVE ANY QUESTIONS ABOUT COMPLIANCE, PLEASE CONSULT YOUR OWN LEGAL COUNSEL. COMPLIANCE IS THE INDIVIDUAL RESPONSIBILITY OF EACH PERSON OR AGENT OF A PERSON WHO IS SUBJECT TO THE FILING REQUIREMENT. AN OFFENSE UNDER CHAPTER 176 IS A CLASS "C" MISDEMEANOR.

CONFLICT OF INTEREST

CHAPTER 176 OF THE TEXAS LOCAL GOVERNMENT CODE

Effective January 1, 2006, Chapter 176 of the Texas Local Government Code requires that any vendor or person considering doing business with a local government entity disclose in the Questionnaire Form CIQ, the vendor or person's affiliation or business relationship that might cause a conflict of interest with a local government entity. By law, this questionnaire must be filed with the records administrator of the City of Edinburg not later than the 7th business day after the date the person becomes aware of facts that require the statement be filed. See Section 176.006, Local Government Code. A person commits an offense if the person violates Section 176.006, Local Government Code. An offense under this section is a Class C misdemeanor. For more information or to obtain Questionnaire CIQ go to the Texas Ethics Commission web page at www.ethics.state.tx.us/forms/CIQ.pdf.

CERTIFICATE OF INTERESTED PARTIES (Form 1295) in 2015, the Texas Legislature adopted [House Bill 1295](#), which added section 2252.908 of the Government Code. The law states that a governmental entity or state agency may not enter into certain contracts with a business entity unless the business entity submits a disclosure of interested parties to the governmental entity or state agency at the time the business entity submits the signed contract to the governmental entity or state agency. The law applies only to a contract of a governmental entity or state agency that either (1) requires an action or vote by the governing body of the entity or agency before the contract may be signed or (2) has a value of at least \$1 million. The disclosure requirement applies to a contract entered into on or after January 1, 2016. For more information go to the Texas Ethics Commission web page at www.ethics.state.tx.us/forms/CIQ.pdf.

AWARD

For purposes of this project, award will be contingent on approval of budget.

CONSIDERATION OF LOCATION OF BIDDER'S PRINCIPAL PLACE OF BUSINESS

The City may give local vendors, whose principal place of business is located within the City of Edinburg, and whose bid is within five percent (5%) of the lowest bid price preference as allowed by Section 271.9051 of the Local Government Code

SPECIAL CIRCUMSTANCES

In the event that the City of Edinburg has an immediate need for a particular service(s) that is/are on contract and the successful vendor on contract is not able to meet the special service delivery needs of the City of Edinburg, the City of Edinburg reserves the right to purchase such services elsewhere to fulfill its' immediate need.

TERMINATION OF CONTRACT

The City of Edinburg reserves the right to terminate the contract if, in the opinion of the City of Edinburg, the successful vendor's performance is not acceptable, if the City is being repeatedly over charged, improperly charged, no funds are available, or if the City wishes, without cause, to discontinue this contract. Termination will be in written form allowing a 30-day notice. The bidder shall be afforded the same right to terminate this contract in the same manner.

INSURANCE REQUIREMENTS Staff may waive insurance requirements for contracts \$0 - \$4,999.99, including but not limited to contracts for food, materials, supplies, and construction. Workers' Compensation in amounts which satisfy statutory coverage shall be required for construction projects.

The following insurance requirements will be included in all City contracts of \$5,000 - \$14,999.99. In contracts not involving building and construction projects, as that activity is defined in TEX. LABOR CODE §406.096, contractors may obtain alternative form of worker accident insurance with minimum limits of liability of \$100,000 per claim.

Minimum Insurance Requirements	
Type of Coverage	Limits of Liability
Worker's Compensation	Statutory Coverage
Comprehensive General Liability (City named as additional insured) Bodily Injury	\$250,000 each person/\$500,000 each occurrence
Property Damage	\$100,000 each occurrence/\$100,000 aggregate or \$500,000 combined single limits

The following insurance requirements will be included in all City contracts of \$15,000 or more.

- (1) The successful bidder will be required to carry the following insurance coverage and limits of coverage, as well as list the City as an additional insured to liability coverage as requested by the City. In addition, the successful bidder shall provide the City with evidence of coverage and furnish acceptable proof of payment of insurance premiums.

(2) The successful bidder will be required to secure and/or have insurance coverage in force with an admitted property and casualty insurance company licensed by the State of Texas to conduct business in the State of Texas.

(3) In contracts not involving building and construction projects, as that activity is defined in TEX. LABOR CODE §406.096, contractors may obtain alternative form of worker accident insurance with minimum limits of liability of \$100,000 per claim.

Minimum Insurance Requirements	
Type of Coverage	Limits of Liability
Worker's Compensation	Statutory Coverage
Employer's Liability	Bodily Injury by Accident: \$100,000 each accident Bodily Injury by Disease: \$100,000 each employee/\$500,000 policy limit
Comprehensive General Liability Bodily Injury Property Damage	\$250,000 each person/\$500,000 each occurrence \$100,000 each occurrence/\$100,000 aggregate or \$500,000 combined single limits
Comprehensive Auto Liability Bodily Injury Property Damage	\$100,000 each person/\$500,000 each occurrence \$100,000 each occurrence/\$100,000 aggregate or \$500,000 combined single limits
City's Protective Liability Bodily Injury Property Damage	\$250,000 each person/\$500,000 each occurrence \$100,000 each occurrence/\$100,000 aggregate or \$500,000 combined single limits

Policies must name the City of Edinburg as an Additional Insured.

Certificates of insurance naming the CITY as an additional insured shall be submitted to the CITY for approval prior to any services being performed by Contractor. Each policy of insurance required hereunder shall extend for a period equivalent to, or longer than the term of the Contract, and any insurer hereunder shall be required to give at least thirty (30) days written notice to the CITY prior to the cancellation of any such coverage on the termination date, or otherwise. This Contract shall be automatically suspended upon the cancellation, or other termination, of any required policy of insurance hereunder, and such suspension shall continue until evidence that adequate replacement coverage is provided to the CITY. If replacement coverage is not provided within thirty (30) days following suspension of the Contract, the Contract shall automatically terminate.

BID BOND INFORMATION

If the contract amount is over twenty-five-thousand dollars (\$25,000) for construction of the project, the successful bidder shall provide a bid guarantee, give a good and sufficient bond in the full amount of the contract price for the faithful performance of such contract, executed by a surety company authorized to do business in the State of Texas, in accordance with Article 5160, Vernon's Texas Civil Statutes, and amendments thereto. A payment bond in the full amount of the contract price to assure payment shall be required by law of all persons supplying labor and material in the execution of the project provided for in the contract documents.

A bid guarantee equivalent to five percent (5%) of the bid price will be required from each bidder. The "bid guarantee" shall consist of a firm commitment, such as a bid bond, certified check or other negotiable instrument accompanying a bid as assurance that the bidder will upon acceptance of his/her bid, execute such contractual documents as may be required within the time specified.

A performance bond on the part of the contractor for one-hundred percent (100%) of the contract price will be required. A "performance bond" is one executed in connection with a contract to secure fulfillment of all the contractor's obligations under such contract.

A payment bond on the part of the contractor for one-hundred percent (100%) of the contract price will be required. A "payment bond" is one executed in connection with a contract to assure payment, as required by law, of all persons supplying labor and material in execution of the work provided for in the contract documents.

**CITY OF EDINBURG
REQUEST FOR BIDS FOR**

**PURCHASE OF TWO (2) NEW RESIDENTIAL AUTOMATED RIGHT HAND DRIVE SIDE LOAD RETRIEVER
BID NO. 2017-08**

BID OPENING DATE: Monday, October 03, 2016 at 3:00 p.m.

It is the intent of this Request for Bids to describe and ultimately make it possible for the City of Edinburg to purchase the below mentioned **PURCHASE OF TWO (2) NEW RESIDENTIAL AUTOMATED RIGHT HAND DRIVE SIDE LOAD RETRIEVER.**

You are invited to submit a sealed bid for the **PURCHASE OF TWO (2) NEW RESIDENTIAL AUTOMATED RIGHT HAND DRIVE SIDE LOAD RETRIEVER** as requested by the City of Edinburg Solid Waste Department.

The specifications listed below are minimum requirements and are intended to govern, in general, the size and material desired. The City of Edinburg reserves the right to evaluate variations from these specifications.

GENERAL REQUIREMENTS AND AGREEMENT FOR THE PURCHASE OF TWO (2) NEW RESIDENTIAL AUTOMATED RIGHT HAND DRIVE SIDE LOAD RETRIEVER:

**MINIMUM BID SPECIFICATIONS
FOR TWO (2) NEW RESIDENTIAL AUTOMATED RIGHT HAND DRIVE SIDE LOAD RETRIEVER**

1 - INSTRUCTIONS TO BIDDERS:		INITIAL
1.1	The City of Edinburg owns and operates a Fully Automated Waste Collection Fleet and services 100% of all City Residents and Commercial Establishments. Therefore, time is of the essences; full responses to the bid are needed to fully evaluate the bid. Bidders are to have thoroughly read and understood these specifications prior to bid submission. These specifications are intended to describe a fully automated RESIDENTIAL AUTOMATED RIGHT HAND DRIVE SIDE LOAD RETRIEVER. The truck shall be capable of handling 30 to 300 gallon refuse containers CURBSIDE and transporting refuse to a landfill and dispensing the load by means of hydraulically ejecting the load from the refuse body. All components and requirements shall be at a minimum as listed in the attached specifications herein describe the minimum acceptable features, performance and operational requirements for a fully automated RESIDENTIAL AUTOMATED RIGHT HAND DRIVE SIDE LOAD RETRIEVER that the City of Edinburg will purchase for use with its Collection Program.	
1.2	The manufacturer of all equipment provided under this contract shall be ISO 9001-2008 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 Z245.1-2012.	
		INITIAL

1.3	<p>All bids must be submitted on the City's form provided. Bidders shall complete the specification column with a check mark to indicate if the item being bid is exactly as specified. If an item is left blank, the City will assume the bidder cannot meet the specifications and may cause rejection of the bid. By checking, any of the "NO" spaces the bidder states that the product being bid does not conform to that minimum specification. The City of Edinburg Dept. of Solid Waste Management operates a uniform and standardized fleet, which expressly provides for the interchangeability of common and/or singular components and reduces the need for large inventory stock; therefore, <u>all variations and/or exceptions must be documented</u>, referencing applicable paragraph(s), and <u>explained in detail on a separate page titled "Exceptions"</u>. Otherwise, it will be considered that equipment offered is in strict compliance with these specifications and requirements, and successful bidder will be held responsible therefor. If the City of Edinburg determines by any means that exceptions exist which were not identified on such list, then that bid will be disqualified as being non-responsive. If no exceptions are taken, it will be assumed that the bid meets all specifications as stated. <u>However, no implication is made by THE CITY OF EDINBURG that exceptions will be acceptable.</u> Bidder is advised that the response (or lack thereof) on this question does not take precedence over specific responses or non-responses provided elsewhere in this bid.</p>			
1.4	<p>The CITY OF EDINBURG reserves the right to reject any and all bids, the right to waive informalities, and the right to disregard nonconforming or conditional bids or counter bids. It is the intention of THE CITY OF EDINBURG to execute a final, binding Contract with the successful Vendor, which incorporates terms and conditions no less onerous than those appropriate to the engagement of a licensed contracting firm in connection with a project/ purchase of this magnitude, nature and importance. If the contract is to be awarded, it will be awarded to the responsible Vendor whose evaluation by the CITY indicates that the award will be in the best interest of CITY OF EDINBURG.</p>			
2 - BASIC SPECIFICATIONS:		YES	NO	Exception
CAB AND CHASIS (CLASS "A" CHASIS)				
MAKE:		MODEL:		YEAR:
2.1	CAB SHALL BE OF CAB OVER DESIGN			
2.2	CAB SHALL MEET THE FOLLOWING CRITERIA MUST BE AN ALUMINUM CAB, <u>RIGHT</u> HAND DRIVE			
2.3	AIR RIDE HIGH BACK DRIVER VINYL SEAT			
2.4	AIR CONDITIONER/ HEATER/ DEFROSTER FACTORY INSTALLED			
2.5	PASSENGER SEAT LOW BACK VINYL. NON-AIR			
2.6	INSIDE THE CAB COLOR IS GREY			
		YES	NO	Exception

2.7	OUTSIDE COLOR IS WHITE			
2.8	RADIO AM/FM			
2.9	BACK UP ALARM			
2.10	2 CONVEX 8" MIRROR			
2.11	SHALL HAVE A, WARNING LIGHT BATTERY DISCONNECT SWITCH ENGAGED (MARKER LIGHT)			
2.12	SHALL HAVE DAYTIME RUNNING LIGHTS			
2.13	4.5" RUBBER FLARES ON CAB			
2.14	ADJUSTABLE STEERING COLUMN – TILT/TELESCOPE			
2.15	REAR WINDOW BACK OF CAB DARK TINT			
2.16	TWO PIECE FLAT WINDSHIELD			
2.17	SSTL - LH/RH TRI-PLANE MIRRORS, HEATED			
2.18	(1) AIR HORN 24.5" CHROME – ROUND W/HORN SHIELD			
2.19	CAB TILT PUMP AIR ASSIST			
2.20	ELECTRIC WINDSHIELD WIPERS			
2.21	TRIANGLE REFLECTORS KIT SHIPPED LOOSE			
2.22	MAIN TRANSMISSION OIL TEMPERATURE GAUGE			
2.23	AIR RESTRICTION INDICATOR			
2.24	HEADLIGHTS DUAL RECTANGULAR HALOGEN			
2.25	(5) LIGHT GUARDS ON MARKER LIGHTS			
2.26	(5) LED CLEARANCE WITH (2) LED MARKER LIGHTS			
2.27	NON FURNISHED STOP/TAIL/BACKUP LIGHTS			
3 – ENGINE:		YES	NO	Exception

3.1	THE ENGINE SHALL HAVE A RATING OF 345@1900; GOV@2100 1150@1400			
3.2	SHALL HAVE AN ENGINE PROTECTION SHUTDOWN			
3.3	ALTERNATOR 200 AMP			
3.4	BATTERY DISCONNECTION SWITCH			
3.5	ENGINE IDLE SHUTDOWN TIME ENABLED			
3.6	EFFECTIVE PTO AND THROTTLE PROVISION			
3.7	CARB ENGINE IDLING COMPLIANCE			
3.8	12V STARTER			
3.10	3 PREMIUM 12V DUAL PURPOSE BATT 2100 CCA			
3.11	2 SPEED FAN CLUTCH FOR FREQUENT START/STOPS			
3.12	18.7 CFM AIR COMPRESSOR			
3.13	FUEL FILTER, UNHEATED			
3.14	HIGH EFFICIENCY COOLING SYSTEM			
3.15	WING NUT STYLE MOUNTED GRILLE			
3.16	16" FVG AIR CLEANER HORIZONTAL MOUNTED			
3.17	EXHAUST VERTICAL LH			
3.18	CURVED TIP STANDPIPE(S)			
4 - POWERTRAIN/TRANSMISSION:		YES	NO	Exception
4.1	ALLISON 4500 RDSP HD GEN 5 - TRANSMISSION SHALL BE FULLY AUTOMATIC			
4.2	ALLISON SIX SPEED CONFIGURATION, WIDE RATIO GEARS			
4.3	1810 HD DRIVELINE, 1 MIDSHIP BEARING			
		YES	NO	Exception

4.4	CONSOLE MOUNTED PUSH BUTTON SHIFTER			
4.5	ALLISON RDS AUTO NEUTRAL AK			
4.6	ALLISON LOAD BASED SHIFT SCHEDULE (LBSS)			
4.7	CONSOLE MOUNTED PUSH BUTTON SHIFTER			
5 – FRAME AND EQUIPMENT:		YES	NO	Exception
5.1	SHALL HAVE 10-3/4" STEEL RAILS, WITH 3/8" RAIL THICKNESS, AND FULL STEEL INNER LINER			
5.2	SHALL HAVE 2,136,000 RBM; WITH A YIELD STRENGTH: 120,000 PSI			
5.3	SHALL BE EQUIPPED WITH (2) FRONT SOLID MOUNT CABLE HOOKS.			
5.4	FEPTO PROVISION 9INCH BUMPER EXTENSION; TO INCLUDE A 1350 SERIES FRONT DRIVE PTO ATTACHMENT PROVISION, RADIATOR WITH PTO CUT-OUT IN GRILLE, RADIATOR PROTECTION SLEEVE AND BUMPER EXTENSION			
5.5	EOF SQUARE WITH STEEL XMBR			
6 – FRONT AXLE AND EQUIPMENT :		YES	NO	Exception
6.1	SHALL BE EQUIPPED WITH DANA SPICER D2000F, 20,0000 LBS, 3.5 INCH DROP			
6.2	SHALL BE EQUIPPED WITH, TAPER LEAF SPRINGS, WITH HEAVY RESISTANCE SHOCKS 20,000 LBS			
6.3	SHALL BE EQUIPPED WITH POWER STEERING			
6.4	SHALL BE EQUIPPED WITH BENDIX AIR CAM FRONT DRUM BRAKES 16.5X6 RATED UP TO 22,000LB STEER AXLES			
6.5	PHP10 IRON PRESET PLUS HUBS			
6.6	5INCH DROP IPO STD. 3.5INCH, FRONT AXLE			
7 – REAR AXLE AND EQUIPMENT:		YES	NO	Exception

7.1	SHALL BE EQUIPPED WITH DANA SPICER D46-170; 46,000 LBS REARS			
7.2	SHALL BE EQUIPPED WITH DIFFERENTIAL LOCKS BOTH AXLES			
7.3	SHALL BE EQUIPPED WITH, RATIO 5.25 REAR AXLE			
7.4	PHP10 IRON PRESET PLUS HUBS			
7.5	LONG STROKE PARKING BRAKES, DRIVE AXLE(S)			
7.6	REFUSE SERVICE BRAKES, STEER AND DRIVE AXLES			
7.7	REAR BRAKE CAMSHAFT REINFORCEMENT			
7.8	SBM VALVE			
7.9	ANTI-LOCK BRAKING SYSTEM (ABS)			
7.10	SYNTHETIC AXLE LUBRICANT – ALL AXLES			
7.11	BENDIX AIR CAM REAR DRUM BRAKES 16.5X8.6			
7.12	HENDRICKSON HUALMAAX HMX 460 46,000LB, 54INCH AXLE			
7.13	SHOCK ABSORBERS FOR HMX SUSPENSION			
8 – TIRES AND WHEELS:		YES	NO	Exception
8.1	FRONT TIRE 20PLY 315/80R22.5			
8.2	REAR TIRES 16PLY 11R22.5			
8.3	FRONT RIMS ALUMINUM			
8.4	REAR RIMS STEEL			

9 – BATTERY BOX , BUMPER AND ELECTRIC EQUIPMENT:		YES	NO	Exception
9.1	DPF CAB ENTRY ALUMINUM NON-SLIP STEP RH UNDER CAB			
9.2	BUMPER – ALUMINUM STAINLESS STEEL CLAD CHANNEL WITH TWO TOW PINS			
10 - FUEL TANKS:		YES	NO	Exception
10.1	23" ALUMINUM 70 GAL.			
10.2	LOCATION RH BOC REAR-MOST 70 GALLON			
10.3	FUEL COOLER			
10.4	TOP OF FUEL TANK 5" BELOW TOP OF FRAME			
10.5	DEF TANK MOUNTED LH BOC			
10.6	DEF TANK 320			
11 – AIR:		YES	NO	Exception
11.1	SHALL HAVE A BENDIX AD-IS EP AIR DRYER WITH HEATER			
11.2	BERG PULL CORD DRAIN VALVE(S) – ALL AIR TANKS			
11.3	NYLON CHASSIS HOSE			
11.4	CLEAR OUTSIDE FRAME OF ALL AIR SYSTEM COMPONENTS – LH BOC			
11.5	CLEAR OUTSIDE FRAME OF ALL AIR SYSTEM COMPONENTS – RH BOC			
12 – CAPACITY:		YES	NO	Exception
12.1	THE PACKER BODY SHALL HAVE A CAPACITY, EXCLUDING THE HOPPER, OF NOT LESS THAN: 33 YD ³ (BUSTLE GATE)			
12.2	THE HOPPER SHALL HAVE A CAPACITY OF FIVE AND TWO-TENTHS (5.2) CUBIC YARDS.			
12.3	THE STRUCTURAL INTEGRITY OF THE BODY SHALL ALLOW HIGH DENSITY LOADING OF UP TO 1,000 POUNDS PER CUBIC YARD OF NORMAL REFUSE.			
13 – BODY DIMENSIONS:		YES	NO	Exception

13.1	MAXIMUM OUTSIDE BODY WIDTH SHALL BE 96".			
13.2	MAXIMUM OVERALL LENGTH OF THE BODY, TAILGATE AND LOADER ASSEMBLY COMBINED SHALL NOT EXCEED THE FOLLOWING: 33 YD ³ - 319"			
13.3	THE MAXIMUM INSIDE BODY WIDTH SHALL BE 91".			
13.4	THE MAXIMUM INSIDE BODY HEIGHT SHALL BE 82".			
13.5	THE MAXIMUM OUTSIDE BODY HEIGHT ABOVE CHASSIS SHALL BE 98".			
13.6	HOPPER WIDTH SHALL BE 80".			
13.7	HOPPER LENGTH SHALL BE 69.5".			
13.8	HOPPER DEPTH ON THE CURBSIDE, INCLUDING 6" RUBBER FLAP, SHALL BE 66".			
13.9	HOPPER DEPTH ON THE STREET SIDE SHALL BE 75".			
14 - BODY CONSTRUCTION:		YES	NO	Exception
14.1	THE BODY INTERIOR SHALL HAVE A SMOOTH FLAT FLOOR WITHOUT A TROUGH. THE SIDES AND ROOF SHALL BE SMOOTH CURVED CONSTRUCTION. ALL MATERIALS SHALL BE STEEL UNLESS OTHERWISE SPECIFIED.			
14.2	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.			
14.3	BODY SIDES AND ROOF SHALL BE OF CURVED STRESS SKIN CONSTRUCTION INTERFACING WITH THE CORNER MAINFRAME BOLSTERS. ALL SIDEWALL AND ROOF MEMBERS SHALL BE CONTINUOUS WELDED.			
		YES	NO	Exception

14.4	FLOOR SHALL BE FLAT FULL WIDTH AND SHALL NOT HAVE INBOARD GUIDE RAILS OR A TROUGH. THE FLOOR SHALL BE A MINIMUM .1875", 184,000 PSI MINIMUM YIELD AR400 STEEL PLATE AND SHALL BE REINFORCED WITH ONE PIECE FULL WIDTH AND INTERLACED 3" X 6" X 10 GA., 80,000 PSI MINIMUM YIELD CHANNELS NOMINALLY LOCATED ON 18" CENTERS SO AS TO WITHSTAND CONTINUOUS OPERATION AT MAXIMUM IMPOSED LOADS WITHOUT HARMFUL DEFORMATION OR EXCESSIVE WEAR. ALL BODY FLOOR MEMBERS SHALL BE CONTINUOUS WELD.			
14.5	BODY ROOF SHALL BE MINIMUM 8 GA., 80,000 PSI MINIMUM YIELD HI-TENSILE STEEL SHEET FULLY WELDED TO A FULL LENGTH 8 GA. INNER AND 11 GA. OUTER, 80,000 PSI MINIMUM YIELD ROOF CROWN RAIL TO CONTAIN AND DISSIPATE FORCES EQUALLY THROUGH THE BODY STRUCTURE. FRONT AND REAR LATERAL ROOF BOW SHALL BE 2" X 8" X .25", A500, GR. B, 46,000 PSI MINIMUM YIELD.			
14.6	BODY SIDES SHALL BE A MINIMUM 8 GA., 80,000 PSI MINIMUM YIELD HI-TENSILE STEEL SHEET FULLY WELDED TO A ROOF CROWN RAIL AND TO THE 4.7" X 18" FLOOR SKIRT RAIL.			
14.7	REAR MAINFRAME BODY SIDE BOLSTERS SHALL BE A MINIMUM OF 3" X 20" AT THE MID SPAN SECTION AND 5" X 20" AT THE MAJOR UPPER AND LOWER CONNECTING POINTS OF THE MAINFRAME. THE BOLSTERS SHALL BE CONTOUR SHAPED TO THE SIDEWALL AND FORMED FROM MINIMUM 7 GA., 80,000 PSI MINIMUM YIELD STEEL. THE FRONT MAINFRAME BODY SIDE BOLSTERS SHALL BE A MINIMUM OF 3.7" X 8.6" AT THE MID SPAN SECTION AND 5" X 8.6" AT THE MAJOR UPPER AND LOWER CONNECTING POINTS OF THE MAINFRAME. THE BOLSTERS SHALL BE CONTOUR SHAPED TO THE SIDEWALL AND FORMED FROM MINIMUM 8 GA. X 80,000 PSI MINIMUM YIELD STEEL. THE REINFORCEMENT BOLSTERS SHALL BE FULLY WELDED TO THE CURVED BODY SIDE SHEETS.			
14.8	FLOOR LONGITUDINAL LONG MEMBERS SHALL BE FORMED TRAPEZOIDAL SHAPE 9.6" X 11" WITH A 3.3" BASE SILL OF 7 GA., 80,000 PSI MINIMUM YIELD FORMED CHANNELS.			
		YES	NO	Exception
14.9	PACKER PANEL GUIDE RAIL BOTTOM EDGE SHALL BE LOCATED 3.7" ABOVE LONGITUDINAL FLOOR CORNERS AND INTEGRAL TO BODY FLOOR SHEETS. THE GUIDE RAIL CHANNEL SHALL HAVE INTERIOR DIMENSIONS OF 3.5" X			

	4.2". THE TOP FLANGE OF THE GUIDE RAIL CHANNEL SHALL BE REINFORCED WITH A 45° PLATE, WHICH SHALL ALSO SERVE AS A SELF-CLEANING DEVICE.			
14.10	THE BODY AND ATTACHING PARTS SHALL BE SEALED WITH TERSOTAT JOINT SEALER AND CAVITY COAT FOR RUST PREVENTION PROTECTION.			
14.11	THE BODY SHALL BE UNDERCOATED WITH A THIXOTROPIC MATERIAL TO PROVIDE PROTECTION TO THE UNDERSIDE OF THE REFUSE BODY.			
15 – HOPPER CONSTRUCTION:		YES	NO	Exception
15.1	HOPPER SHALL BE OF FLAT FLOOR AND STRAIGHT VERTICAL SIDEWALLS. HOPPER SHALL BE DESIGNED TO PROPERLY HANDLE THIRTY (30) GALLON THROUGH THREE HUNDRED (300) GALLON AUTOMATED SIDE LOADER CARTS.			
15.2	HOPPER LONG MEMBERS SHALL BE FORMED TRAPEZOIDAL SHAPE 9.6" X 11" X 3.3" BASE SILL OF 7 GA., 80,000 PSI MINIMUM YIELD FORMED STEEL CHANNELS.			
15.3	HOPPER FLOOR SHALL BE CONSTRUCTED OF A MINIMUM .25" 184,000 PSI MINIMUM YIELD AR400 STEEL PLATE.			
15.4	HOPPER SIDES SHALL BE CONSTRUCTED OF A MINIMUM .1875" AR400 ABRASION RESISTANT PLAT STEEL WITH TYPICAL 184,000 PSI TENSILE STRENGTH AND 145,000 PSI TYPICAL YIELD STRENGTH			
15.5	A HOPPER SUMP SHALL BE PROVIDED IN FORWARD FLOOR AREA OF THE HOPPER. SUMP SHALL HAVE A 40 GALLON MINIMUM CAPACITY AND HAVE DUAL CLEAN-OUT DOORS, 14.5" WIDE X 7" HIGH, ON EACH SIDE OF THE BODY. A TOOL, WITH HANGER BRACKETS, FOR EASY CLEANOUT SHALL BE PROVIDED.			
15.6	AN ACCESS DOOR OPENING, 26.75" WIDE X 36.25" HIGH, SHALL BE PROVIDED ON HOPPER LEFT HAND SIDE WALL. FOLDING STEPS AND GRAB HANDLES SHALL BE PROVIDED TO EASE ENTRY.			
		YES	NO	Exception
15.7	THE FRONT OF THE HOPPER, FORWARD OF THE PACKER MECHANISM, SHALL BE ACCESSIBLE BY REMOVING A 79.75" WIDE X 36" HIGH EXPANDED METAL SCREEN.			
15.8	A FRONT HOPPER HOOD SHALL BE INCLUDED			
16- PACKING MECHANISM:		YES	NO	Exception

16.1	A HYDRAULICALLY ACTUATED PACKER TRAVERSING A MINIMUM OF 60", WHILE PACKING, SHALL CLEAR THE HOPPER OF MATERIAL WITH A MAXIMUM CYCLE TIME OF FOURTEEN (14) SECONDS. A PROXIMITY SWITCH WILL AUTOMATICALLY REVERSE THE PACKING CYCLE AND RETURN THE PACKING PANEL TO THE FRONT HEAD. AN AUTOMATIC BACK-UP REVERSING MEANS SHALL BE PROVIDED SHOULD THE PACKING PANEL BE UNABLE TO REACH THE REARMOST PACKING POSITION OF 60".			
16.2	THE PACKING PANEL FACE SHEET SHALL BE CONSTRUCTED OF A MINIMUM .25", 80,000 PSI MINIMUM YIELD, AND ABRASION RESISTANT STEEL PLATE.			
16.3	A SPILL SHIELD, FABRICATED FROM 11 GA., 50,000 PSI MINIMUM YIELD STEEL SHALL BE AFFIXED TO THE TOP OF THE PACKING PANEL.			
16.4	THE PACKER PANEL AND SPILL SHIELD SHALL BE REINFORCED WITH A COMBINATION OF STRUCTURAL MEMBERS FOR MAXIMUM RIGIDITY.			
16.5	HOPPER ZONE GUIDE RAILS (2) IN THE SIDE OF THE BODY SHALL BE COMPRISED OF A .25", 50,000 PSI MINIMUM YIELD FORMED ANGLE WELDED TO 3.5" X 3.5" X .3125" ASTM A500 TUBING ON EACH SIDE OF BODY. THE TUBING SHALL RUN THE FULL INTERIOR LENGTH OF THE HOPPER AND EXTEND 28" INTO THE BODY.			
16.6	HOPPER ZONE GUIDE RAILS SHALL BE CLAD ON EACH SIDE IN THE FOLLOWING MANNER:			
	1. TOP WEAR BAR, .25" THICK X 2" WIDE, 145,000 PSI MINIMUM YIELD, AR STEEL.			
	2. SIDE WEAR BAR, .25" THICK X 2.5" WIDE, 145,000 PSI MINIMUM YIELD, AR STEEL.			
	3. BOTTOM WEAR BAR, .25" THICK X 2.5" WIDE, 145,000 PSI MINIMUM YIELD, AR STEEL			
		YES	NO	Exception
16.7	THE GUIDE PERCH ON EACH SIDE OF THE PACKER PANEL SHALL BE 3" X 6" X .25" ASTM A500 GRADE B STRUCTURAL TUBING CLAD IN THE FOLLOWING MANNER:			
	1. TOP WEAR BAR, .25" THICK X 2" WIDE X 35" LONG, 145,000 PSI MINIMUM YIELD, AR STEEL.			
	2. SIDE WEAR BAR, .25" THICK X 2" WIDE X 35" LONG, 145,000 PSI MINIMUM YIELD, AR STEEL.			

	3. BOTTOM WEAR BAR, .375" THICK X 3.5" WIDE X 35" LONG, 145,000 PSI MINIMUM YIELD, AR STEEL.			
16.8	THE PACKER PANEL SHALL BE PROVIDED WITH BOLT-ON LUGS FOR EACH OF THE TWO (2) PACKING CYLINDERS. THE CYLINDERS SHALL BE ATTACHED TO THE PACKER PANEL LUGS VIA 2" DIAMETER PINS. CYLINDER REMOVAL MAY BE ACCOMPLISHED BY EITHER PULLING THE PINS OR REMOVING THE ENTIRE BOLT-ON LUGS. THE LUGS SHALL BE ATTACHED TO THE PACKING PANEL WITH SIX (6) .75" DIAMETER BOLTS FOR EACH LUG ASSEMBLY			
16.9	THE BODY FRONT HEAD SHALL ALSO BE PROVIDED WITH BOLT-ON LUGS FOR PACKING CYLINDERS. THE LUGS SHALL RETAIN EACH CYLINDER PIN WITH SIX (6) .75" DIAMETER BOLTS.			
16.10	THE PACKER WILL BE HYDRAULICALLY ACTUATED BY TWO (2) DOUBLE ACTING MULTI-STAGE CYLINDERS HAVING CHROME PLATED TUBES, AND SHALL HAVE SPHERICAL BEARINGS ON BOTH ENDS. 5.5"X4.5"X3.5" BORE X 182" STROKE			
16.11	PACKING FORCE SHALL BE A MINIMUM OF 83,000 POUNDS. CYLINDER FORCE SHALL BE A MINIMUM OF 118,000 POUNDS.			
16.12	THE PACKER SHALL BE DESIGNED TO ALLOW DUMPING OF A CONTAINER REGARDLESS OF THE POSITION OF THE PACKING PANEL DURING THE COMPACTION CYCLE.			
16.13	THE PACKING MECHANISM SHALL BE CAPABLE OF EXTENDING TO THE REARMOST END OF THE BODY, PAST FULL PACK POSITION, TO PROVIDE OFF-LOADING FUNCTION WHEN THE TAILGATE IS RAISED.			
16.14	THE PACKER CYLINDER GREASE ZERKS THAT ARE LOCATED ON THE ROD AND BASE END SHALL BE EQUIPPED WITH A REMOTE LUBE SYSTEM THAT IS ACCESSIBLE FROM THE GROUND			
17 - TAILGATE:		YES	NO	Exception
17.1	THE 5.3 CUBIC YARD (BUSTLE) OR 1 CUBIC YARD (FLAT) TAILGATE MUST BE ONE PIECE TOP HINGED, AND SHALL HYDRAULICALLY OPEN APPROXIMATELY 30° ABOVE HORIZONTAL.			
17.2	TAILGATE SHALL BE CONSTRUCTED OF A MINIMUM 10 GA., 80,000 PSI MINIMUM YIELD ON REAR AND SIDE WALLS.			

17.3	THE BUSTLE TAILGATE SHALL BE REINFORCED BY A MINIMUM 12 GA., 80,000 PSI MINIMUM YIELD HORIZONTAL BOXED BRACE.			
17.4	THE TAILGATE WILL BE SECURED TO THE BODY BY TWO (2) SETS OF HINGES WITH 2" HINGE PINS AT THE ROOF LINE.			
17.5	A HEAVY DUTY REAR DOOR POSITIVE SEAL OF RUBBERIZED GASKET MATERIAL SHALL BE INSTALLED THE FULL LENGTH OF THE BOTTOM AND 56.5" UP SIDES OF TAILGATE TO PREVENT LEAKAGE.			
17.6	THE TAILGATE SHALL BE RAISED AND LOWERED HYDRAULICALLY ACTUATED BY TWO (2) DOUBLE ACTING CYLINDERS WITH A MINIMUM 3" BORE X 35.25" STROKE X 1.5" DIAMETER CHROME PLATED ROD. CYLINDER DESIGN SHALL INCLUDE AN ORIFICE FITTING IN THE BASE PORT, WHICH SHALL PREVENT RAPID DESCENT OF THE TAILGATE IN THE EVENT OF A HYDRAULIC FAILURE.			
17.7	THE TAILGATE SHALL BE LOCKED BY TWO (2) CYLINDERS HAVING A MINIMUM 3" BORE X 1.5" DIAMETER HARDENED CHROME PLATED ROD X 3.62" STROKE.			
18 – LIFTING MECHANISM:		YES	NO	Exception
18.1	THE LIFT BASE SHALL SUPPORT THE LIFT ARM, THE DUMP ARM, THE LEVEL PIVOT, THE LEVEL LINK, THE PIVOT LINK, AND THE REACH LINK. THE LIFT BASE SHALL REST ATOP THE CHASSIS FRAME RAILS FOR SUPERIOR VERTICAL DISTRIBUTION OF LOADS INDUCED INTO THE CHASSIS FRAME RAILS AND <u>MUST BE COMPATIBLE AND MOUNTED FOR CURBSIDE PICKUP; ON A RIGHT HAND DRIVE UNIT. LIFT MECHANISMS MOUNTED ALONGSIDE THE CHASSIS FRAME WILL NOT BE ACCEPTED.</u> THE LIFT BASE SHALL CONSIST OF A .75" X 16" X 61", 50,000 PSI MINIMUM YIELD, SURFACE PLATE FOR CHASSIS FRAME MOUNTING AND SHALL BE REINFORCED BY FOUR (4) VERTICAL RIBS FOR RIGIDITY AND ARM PIVOT PLACEMENT. THE RIBS SHALL UTILIZE .75" X 6.5", 50,000 PSI MINIMUM YIELD STEEL. THE FRONT-TO-REAR MOUNTING LENGTH SHALL NOT EXCEED 18".			
		YES	NO	Exception
18.2	THE LIFT ARM SHALL CONSIST OF A 4.5" X 9.5" FABRICATED STRUCTURE WITH A 4" X 3" STRUCTURAL TUBE TO SERVE AS SUPPORT FOR THE DUMP ARM.			
18.3	THE DUMP ARM SHALL CONSIST OF A 4" X 3" STRUCTURAL TUBE THAT WILL SUPPORT THE APPROPRIATE GRABBERS DETERMINED BY LOCAL DEMANDS.			
18.4	THE LEVEL PIVOT SHALL BE A FABRICATED CHANNEL WITH A 4.7" WEB X 8.2" FLANGES X .25", 50,000 PSI MINIMUM YIELD STEEL.			

18.5	THE LEVEL LINK SHALL BE A 1.5" X 3" X 0.188" STRUCTURAL TUBE MACHINED AT EACH END FOR STEEL SPHERICAL BEARINGS AND TWO (2) 1.5" X 4" TGP PINS.			
18.6	THE PIVOT LINK SHALL BE A 3" X 3" X 0.375" STRUCTURAL TUBE MACHINED FOR A CONNEX STEEL BUSHING OF AISI 615C ON THE TOP END, AND A 2" SPHERICAL BEARING ON THE BOTTOM END. THE CONNEX BEARING SHALL BE SEALED BY (2) GARLOCK 9220, "U-CUP" 90 DUROMETER URETHANE SEALS. BOTH ENDS SHALL BE SUPPORTED BY TWO (2) 2" X 3.5" TGP1045RC55-NOM24RMS PINS.			
18.7	THE REACH LINK SHALL CONSIST OF TWO (2) PARALLEL 3" X 5" X .375" STRUCTURAL TUBES LINKED MIDSPAN AND PROPERLY LINED BORED EACH END FOR FOUR (4) CONNEX BUSHINGS OF AISI 615C, SEALED BY TWO GARLOCK 9220 "U-CUP" 90 DUROMETER URETHANE SEALS, AND SUPPORTED BY ONE (1) 3" X 14.5" TGP1045RC55-NOM24RMS UPPER PIN AND ONE (1) 3" X 13.4" TGP1045RC55-NOM24RMS LOWER PIN.			
18.8	THE LIFTING MECHANISM SHALL BE CAPABLE OF LIFTING CONTAINERS RANGING FROM 30-300 GALLONS AT LEVEL CONTAINER PLACEMENT, AND SHALL BE CAPABLE OF EXTENDING, GRABBING, RAISING, DUMPING, AND RETURNING A CONTAINER FROM ANY POSITION WITHOUT THE NEED TO "RETRACT" THE LIFT ARM AND SHALL PERFORM THE FOLLOWING LIFT CYCLE FUNCTIONS IN APPROXIMATELY EIGHT (8) SECONDS AT ENGINE IDLE.			
18.9	THE LIFT SHALL BE POWERED BY THREE (3) HYDRAULIC CYLINDERS WITH CUSHIONS AT EACH END OF THE STROKE.			
		YES	NO	Exception
18.10	THE RAISE AND REACH CYLINDERS SHALL HAVE HARDENED AND CHROME PLATED RODS AND SHALL BE MANUFACTURED BY JOHN DEERE. CONTROL VALVES SHALL BE DIRECT ACTING, FEATHER-ABLE, AIR ACTUATED.			
18.11	THE LIFT MECHANISM SHALL TRAVERSE THE CONTAINER FROM THE POINT OF ENGAGEMENT TO THE ELEVATED AND ROTATED POSITION OF DISCHARGE THROUGH A COMPOUND ELLIPTICAL CURVE DEVOID OF ABRUPT DIRECTIONAL CHANGES AND HIGH GRAVITY FORCES TO PRESERVE CONTAINER STRUCTURAL INTEGRITY AND GREATLY REDUCE CONTAINER MAINTENANCE.			
19 -HYDRAULICS:		YES	NO	Exception

19.1	THE MAXIMUM OPERATING PRESSURES SHALL BE 2500 PSI.			
19.2	THE HYDRAULIC SYSTEM SHALL OPERATE AT AN ACCEPTABLE TEMPERATURE WITHOUT THE NEED FOR EXTERNAL HYDRAULIC OIL COOLING DEVICES.			
19.3	THE HYDRAULIC PUMP SHALL BE A FRONT ENGINE, CRANK DRIVEN, DENISON TANDEM VANE PUMP WITH ELECTRONIC OVER-SPEED CONTROL. THE COMBINED FLOW SHALL BE 28 GPM @ 800 RPM. THE LIFT OPERATION SHALL BE LIMITED TO 18 GPM @ 800 RPM. THE PUMP SHALL COMBINE FLOW TO 44 GPM @ 1200 RPM IN ORDER TO OPERATE THE PACKER PANEL PUMP. PUMP SHALL COMPLY WITH SPECIFICATION 219-2305 OR EQUAL.			
19.4	ALL HYDRAULIC TUBES WILL BE SECURELY CLAMPED TO PREVENT VIBRATION, ABRASION, AND EXCESSIVE NOISE.			
19.5	ALL HYDRAULIC HOSES SHALL CONFORM TO SAE STANDARDS FOR DESIGNED PRESSURE. ALL HIGH PRESSURE HOSES SHALL BE SLEEVED WITH FABRIC GUARD FOR ADDED PROTECTION.			
19.6	THE HYDRAULIC RESERVOIR SHALL HAVE A 50 GALLON GROSS CAPACITY AND A 45 GALLON NET CAPACITY.			
19.7	THE TANK SHALL BE COMPLETE WITH A SCREENED FILL PIPE AND CAP, FILTER BREATHER, CLEAN OUT COVER, OIL LEVEL SIGHT AND TEMPERATURE GAUGE, AND SUCTION LINE SHUT-OFF VALVE.			
		YES	NO	Exception
19.8	THE HYDRAULIC SYSTEM SHALL BE PROTECTED BY A THREE (3) MICRON, IN TANK, RETURN LINE FILTER ALONG WITH A 100 MESH (140 MICRON) REUSABLE OIL STRAINER IN THE SUCTION LINE.			
19.9	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.			
19.10	A HYDRAULIC PUMP SHUT DOWN SYSTEM SHALL ALSO BE INCLUDED, WHICH SHALL PROHIBIT PROLONGED OPERATION OF THE HYDRAULICS WHEN THE FILTER IS IN THE BY-PASS MODE.			
20 – LUBRICATION:		YES	NO	Exception
20.1	ALL BODY HINGES, CYLINDER ROD ENDS, CYLINDER BASE TRUNNIONS AND HIGH CYCLE PIVOT POINTS SHALL BE SUPPLIED WITH GREASE FITTINGS.			

		YES	NO	Exception
21 – CONTROLS:				
21.1	THE LIFT CONTROLS SHALL BE A COMBINATION OF ELECTRIC OVER AIR OVER HYDRAULIC AND AIR OVER HYDRAULIC AND LOCATED IN THE CAB CONVENIENT TO THE OPERATOR.			
	1. THE REACH AND LIFT SHALL BE DIRECT AIR OVER HYDRAULIC FOR THE X-X AXIS AND Y-Y AXIS FUNCTIONS TO BE CONTROLLED BY APPROPRIATE MOVEMENT OF THE JOYSTICK.			
	2. THE GRABBER FUNCTIONS SHALL BE ELECTRIC OVER AIR OVER HYDRAULIC AND SHALL BE CONTROLLED BY THUMB SWITCHES ON THE UPPER PORTION OF THE JOYSTICK.			
21.2	THE LIFT CONTROLS SHALL BE SELF-CENTERING TYPE, RETURNING TO THE NEUTRAL POSITION WHEN RELEASED. THESE CONTROLS SHALL DIRECT OIL FLOW VIA A THREE (3) SECTION “ON-COMMAND” VALVE.			
21.3	SELECTABLE AUTO-DUMP AND AUTO-STOW SHALL BE PROVIDED.			
		YES	NO	Exception
21.4	THE PACKER BUTTON CONTROLS SHALL BE ELECTRICAL PUSH BUTTONS LOCATED IN THE CAB CONVENIENT TO THE OPERATOR. SEPARATE PUSH BUTTONS SHALL BE PROVIDED FOR “PACK” AND “RETRACT” TO PROVIDE COMPLETE PACKER PANEL MOVEMENT CONTROL IN EITHER DIRECTION. PUSHING THE “PACK” BUTTON SHALL AUTOMATICALLY EXTEND AND RETRACT THE PACKER PANEL FOR A COMPLETE CYCLE.			
21.5	AN EMERGENCY ON/OFF BUTTON SHALL BE PROVIDED TO STOP PACKER PANEL MOVEMENT DURING THE EXTEND OR RETRACT CYCLES.			
21.6	TAILGATE RAISE AND TAILGATE LOCK CONTROLS SHALL BE INDIVIDUALLY CONTROLLED BY PNEUMATIC TOGGLE SWITCHES INSIDE THE CAB.			
22 – HYDRAULIC HOSES:				
22.1	ALL HYDRAULIC HOSES SHALL CONFORM TO S.A.E STANDARDS FOR DESIGNED PRESSURE. BENDS SHALL NOT BE MORE THAN RECOMMENDED BY S.A.E. STANDARDS. FLAT SPOTS IN HOSES WILL NOT BE ACCEPTABLE.			
22.2	ALL PRESSURE HOSES SHALL BE PROTECTED WITH FABRIC GUARD			

23 - ELECTRICAL:		YES	NO	Exception
23.1	A MOBILE CONTROLLER WITH CONTROL CENTER AND DISPLAY SHALL BE PROVIDED IN THE CAB TO MONITOR SYSTEM FUNCTIONS AND OPERATION OF THE TRUCK. THIS CONTROLLER SHALL BE ABLE TO WITHSTAND THE VIBRATION, MOISTURE, DIRT INGRESS, AND CLIMATE VARIATIONS THAT ARE PRESENT IN THE CAB OF THE VEHICLE. THE CONTROLLER SHALL USE SOLID-STATE TECHNOLOGY WITH NO MECHANICAL RELAYS OR SWITCHES INSIDE THE CONTROLLER. THIS CONTROLLER SHALL USE IEC 61131-3 SOFTWARE AND WILL HAVE SAE J1939 BUILT INTO THE CONTROLLER FOR COMMUNICATION TO THE VEHICLE POWERTRAIN. THE MOBILE CONTROLLER SHALL BE INSTALLED INSIDE THE TRUCK CAB AND SHALL DISPLAY SELF-DIAGNOSING ERROR CODES IN READABLE TEXT FORMAT WHICH IDENTIFY THE POTENTIAL TROUBLE SOURCE. BOTH AUDIO AND TEXT ALERTS MUST BE MADE AVAILABLE TO AID IN LOCATING TROUBLE SOURCE.			
		YES	NO	Exception
23.2	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.			
23.3	ALL SWITCHES NOT MANUALLY OPERATED SHALL BE PROXIMITY IN TYPE. MECHANICAL SWITCHES ARE NOT ACCEPTABLE.			
23.4	A CONTROL PANEL LIGHT SHALL BE PROVIDED TO WARN THE DRIVER/OPERATOR ANY TIME THE LIFT IS NOT FULLY STOWED.			
24 - LIGHTING:		YES	NO	Exception
24.1	CLEARANCE, BACK UP, AND DIRECTIONAL LIGHTS SHALL BE LEXAN LENS, SHOCK MOUNTED IN A PROTECTIVE HOUSING. THE ENTIRE UNIT SHALL BE FLUSH MOUNT, REPLACEABLE POP OUT STYLE.			
24.2	ALL LIGHTS SHALL BE PROVIDED IN ACCORDANCE WITH FMVSS #108 AND ANSI 245.1-1999, PLUS MID BODY TURN SIGNALS ON EACH SIDE OF THE BODY AND A CENTER BRAKE LIGHT ON THE REAR.			
25 – REAR UNDERRIDE AND TIRE GUARD:		YES	NO	Exception
25.1	THE BODY SHALL BE EQUIPPED WITH A REAR UNDER-RIDE GUARD AS STANDARD EQUIPMENT TO MEET FEDERAL MOTOR CARRIER SAFETY REGULATION 49CFR393.86, TTMA RP NO. 41-02, AND SAE J682 OCT84.			

26 — LOAD DISCHARGE:		YES	NO	Exception
26.1	LOAD DISCHARGE SHALL BE OF A "FULL EJECT" TYPE AND SHALL BE INTERLOCKED WITH THE REAR DOOR SO THAT IT HAS TO BE OPEN BEFORE THE PACKER PLATE CAN PASS THE ½ PACK POINT.			
27 - RESERVED:		YES	NO	Exception
28 - RESERVED:		YES	NO	PRICE
29 – WARNING ALARM:		YES	NO	Exception
29.1	A WARNING ALARM SHALL BE PROVIDED THAT EMITS AN AUDIBLE, INTERMITTENT SIGNAL WHEN THE CHASSIS TRANSMISSION IS IN THE REVERSE POSITION OR WHEN THE REAR DOOR OF THE BODY IS NOT IN THE FULLY LOWERED POSITION.			
30 –CAMERA SYSTEMS:		YES	NO	Exception
31.1	COLOR REAR AND HOPPER MOUNTED CAMERAS AND CAB MOUNTED MONITOR, INTEC 6.8" NON-GLARE LCD W/250+ LINES RESOLUTION MONITOR, INDUSTRIAL COLOR CAMERA W/MIL SPEC. CONNECTORS OR EQUIVALENT.			
32 – BODY LIGHTS, WORKING LIGHTS AND WIRING:		YES	NO	PRICING
32.1	THE BODY WILL HAVE (3) HOPPER/ WORK LIGHTS. ONE MOUNTED FACING FRONT OF EJECTOR BLADE AND (2) TWO MOUNTED ON EACH SIDE OF THE LIFT CARRIAGE / MAST.			
32.2	ALL LIGHTING SHALL BE IN ACCORDANCE WITH FMVSS. THE LIGHT BAR ON THE LOWER SECTION OF THE DOOR INCLUDES TWO (2) STOP/TURN INDICATORS ON EACH SIDE AND ONE (1) BACKUP LAMP ON EACH SIDE.			
32.3	A MID-BODY SIGNAL COMBINATION MARKER LAMP SHALL BE LOCATED ON EACH SIDE OF THE UNIT, MID-LOWER BODY.			
32.4	BODY MARKER LAMPS ARE LOCATED, ONE (1) IN FRONT AND ON THE TOP CORNER OF EACH SIDE (AMBER). REAR BODY MARKERS ARE LOCATED IN THE REAR DOOR FRAME, ONE (1) ON THE TOP AND ONE (1) ON THE BOTTOM. THERE SHALL ALSO BE A GROUPING ON THE OUTSIDE OF THE REAR DOOR, ONE (1) ON EACH SIDE AND THREE (3) IN THE CENTER.			
32.5	AN ELECTRICAL BACK-UP ALARM SHALL BE PROVIDED AND SHALL BE ACTIVATED WHEN THE VEHICLE IS IN REVERSE. AN ELECTRICAL ALARM SHALL BE PROVIDED AND SHALL BE ACTIVATED WHEN THE REAR GATE IS			

	AJAR. CIRCUIT BREAKERS, ABLE TO BE RESET, ARE UTILIZED FOR CIRCUIT PROTECTION ON PACKER SYSTEMS. ALL WIRING SHALL BE ENCLOSED IN THE BODY MEMBER OR SEALED PLASTIC LOON. ALL WIRING SHALL BE COLOR CODED.			
33 – SAFETY LIGHTING:				
33.1	<ul style="list-style-type: none"> ❖ AMBER LED'S OR EQUAL MOUNTED ON CHASSIS FRONT GRILLE, SIDE AND REAR OF VEHICLE. ALL LENSES SHALL BE CLEAR. ❖ FRONT GRILLE - TWO WHELEN 700 SERIES AMBER LED'S, MOUNTED ON FRONT GRILLE, OR EQUAL. ALL LENSES SHALL BE CLEAR. ❖ REAR – TWO WHELEN 700 SERIES AMBER LED'S, MOUNTED ON REAR OF REFUSE BODY, OR EQUAL. ALL LENSES SHALL BE CLEAR. ❖ SIDE BODY – TWO WHELEN 600 SERIES AMBER LED'S, OR EQUAL, MOUNTED BEHIND THE CAB ON THE REFUSE BODY APPROXIMATELY MID-SHIP. ❖ ALL LENSES SHALL BE CLEAR. ALL LED'S SHALL BE WIRED AND ACTUATED WHEN THE VEHICLE IS IN DRIVE POSITION. A SWITCH CONTROL SHALL BE MOUNTED IN THE CHASSIS CAB. 			
34 – PAINTING:				
		YES	NO	Exception
34.1	FIRST STEP – SMOOTHING - ALL WELD SLAG, SPLATTER OR ROUGHNESS SHALL BE REMOVED WITH THE APPROPRIATE HAND TOOLS. NO SAND, SHOT OR GLASS AIR BLASTING SHALL BE PERMITTED TO ELIMINATE CONTAMINATION AND POSSIBLE DAMAGE TO BEARINGS OR PIN SURFACES AND POSSIBLE DISTORTION OF HIGHER GAUGE SHEET MATERIALS USED ON THE BODY.			
34.2	SECOND STEP – PURGATION - A HEATED PRESSURE WASH SHALL DRENCH THE ENTIRE BODY WITH A SILICATED ALKALINE PHOSPHATE BASED PRECLEANER TO CLEAN ALL METAL SURFACES. THIS SOLUTION SHALL SOAK THROUGH AND BREAK DOWN THE OIL FILM AND OTHER CONTAMINANTS FOUND ON STEEL. THE SOLUTION SHALL BE NON-CORROSIVE TO METALS AND SHALL BE ENVIRONMENTALLY FRIENDLY.			
34.3	THIRD STEP – PRE-TREATMENT – AN ORGANICALLY ACCELERATED PHOSPHORIC ACID BASED PRETREATMENT WILL BE APPLIED TO ALL METAL SURFACES. THIS STEP PROVIDES A CHEMICAL CONVERSION COATING WHICH CHANGES THE CHEMICAL AND PHYSICAL NATURE OF THE SURFACE BY PROVIDING A SURFACE THAT THE NEXT APPLICATION (PRIME) WILL ADHERE TO.			

		YES	NO	Exception
34.4	FOURTH STEP – SEALING - THE ENTIRE BODY SHALL BE COATED WITH AN APPLICATION OF THE PATENTED DRY-IN-PLACE SEAL FROM HENKEL SURFACE TECHNOLOGIES. THIS PROCESS SHALL DRAMATICALLY IMPROVE THE SURFACE FINISH’S RESISTANCE TO RUSTING THAT OCCURS FROM GENERAL WEAR AND TEAR, AND SHALL PROVIDE IMPROVEMENTS TO PAINT ADHESION AND OTHER RELATED CORROSION THAT OCCURS OVER THE LIFE OF THE PRODUCTS. THIS SHALL HELP RETAIN THE “AS NEW” APPEARANCE OF THE FACTORY PAINT SURFACE.			
34.5	FIFTH STEP - PRIMER COAT PAINT - THE SEAL COAT SHALL BE PAINTED USING DUPONT CORLAR - A HIGH PERFORMANCE, LOW VOC/HAPS EPOXY POLYAMIDE PRIMER-SEALER. CORLAR IS A TWO-COMPONENT GRAY PRIMER-SEALER THAT IS LEAD AND CHROMATE FREE. THIS SHALL BE APPLIED IN AN AMOUNT NECESSARY TO ACHIEVE A DRY FILM THICKNESS OF 1.2 MIL.			
34.6	SIXTH STEP - FINISH TOP COAT PAINT - A HIGH LUSTER FINISH COAT SHALL BE APPLIED USING DUPONT IMRON 5000 – A HIGH-PERFORMANCE, LOW VOC (<3.5 LBS/GAL RTS) TWO-COMPONENT POLYURETHANE ENAMEL. AN AMPLE AMOUNT SHALL BE APPLIED TO ACHIEVE A DRY FILM THICKNESS OF 2 MIL AND SHALL RESULT IN A FINISH OF 3.2 MIL MINIMUM FILM THICKNESS.			
34.7	FIRST STEP – SMOOTHING - ALL WELD SLAG, SPLATTER OR ROUGHNESS SHALL BE REMOVED WITH THE APPROPRIATE HAND TOOLS. NO SAND, SHOT OR GLASS AIR BLASTING SHALL BE PERMITTED TO ELIMINATE CONTAMINATION AND POSSIBLE DAMAGE TO BEARINGS OR PIN SURFACES AND POSSIBLE DISTORTION OF HIGHER GAUGE SHEET MATERIALS USED ON THE BODY.			
34.8	SECOND STEP – PURGATION - A HEATED PRESSURE WASH SHALL DRENCH THE ENTIRE BODY WITH A SILICATED ALKALINE PHOSPHATE BASED PRECLEANER TO CLEAN ALL METAL SURFACES. THIS SOLUTION SHALL SOAK THROUGH AND BREAK DOWN THE OIL FILM AND OTHER CONTAMINANTS FOUND ON STEEL. THE SOLUTION SHALL BE NON-CORROSIVE TO METALS AND SHALL BE ENVIRONMENTALLY FRIENDLY.			
34.9	BODY UNDERCOATING SHALL BE PROVIDED AND COVER ALL SURFACES UNDER THE BODY.			

35 -- ADDITIONAL UPGRADE OPTIONS: (ALL PRICING FOR THESE MUST BE INCLUDED IN THE UNIT PRICE)		YES	NO	Exception
46.1	DUAL CONTAINER AND LIFT WORK LIGHT KIT			
46.2	LIFT CYCLE COUNTER			
46.3	DUAL HOPPER WORK LIGHTS			
46.4	DUAL FLOOD LIGHTS ON TRUCK			
46.5	REMOTE LIFT CONTROLS – AIR TOGGLES			
46.6	20 LB FIRE EXTINGUISHER			
46.7	REMOTE LUBRICATION SYSTEM – PACKER			
46.8	SEVER DUTY WEAR BARS KIT			
46.9	“CAUTION” TRAFFIC DECAL SIGN ON BACK REAR OF THE UNIT FACTORY INSTALLED			
46.10	INSTALLATION OF CITY OF EDINBURG LOGO , DEPARTMENT DECAL AND SAFETY SINAGE			
46.11	INSTALL CITY PROVIDED TWO-WAY RADIO IN ACCORDANCE WITH DEM STANDARDS TO ENSURE WARRANTY			
46.12	FIVE (5) YEAR ON REFUSE BODY, HYDRAULIC PUMP AND SYSTEM. ALL HYDRAULIC CYLINDERS TO HAVE A FIVE (5) YEAR WARRANTY.			
46.13	OEM – REAR SPARE TIRE WITH RIM			
46.14	MUD FLAPS ARE INSTALLED ON THE FRONT AND REAR OF THE TANDEM AXLES.			
47 - DELIVERY, SETUP AND TRAINING:				
47.1	THE TRUCK SHALL BE DELIVERED TO THE CITY OF EDINBURG LANDFILL LOCATED AT 8601 NORTH JASMAN RD, EDINBURG TEXAS 78540 AND SET UP TO WORK AT THE SELLING DEALER’S EXPENSE. TRAINING ON PROPER OPERATION AND MAINTENANCE OF THE COMPACTOR SHALL BE CONDUCTED OVER A TWO (2) DAY PERIOD AND SHALL NOT BE LESS THAN TWELVE (12) HOURS.			
48 - MANUALS:				
		YES	NO	Exception

48.1	TWO SETS EACH OF PARTS MANUALS, OPERATOR'S MANUALS, AND SERVICE MANUALS.			
49 – MACHINE OR EQUIPMENT AVAILABILITY:		YES	NO	OFFER
49.1	WITHIN 30 DAYS OF ISSUANCE			
49.2	WITHIN 60 DAYS OF ISSUANCE			
49.3	WITHIN 90 DAYS OF ISSUANCE			
49.4	OVER 90 DAYS OF ISSUANCE			
EXPLAIN IF OVER 90 DAYS:				
50 – STANDARD WARRANTY:		YES	NO	OFFER
50.1	SHALL HAVE NO LESS THAN 1 YEAR OR 100,000 MILE FULL MANUFACTURER'S BASE WARRANTY ON THE CAB AND CHASSIS; ENGINE SHALL HAVE 2 YEARS 250,000 MILE STANDARD ENGINE WARRANTY; TRANSMISSION SHALL HAVE 3 YEAR UNLIMITED MILE WARRANTY; ALL WARRANTIES SHALL INCLUDE PARTS, LABOR, HAULING, TRAVEL, AND MILEAGE REQUIRED AND THE DETAILS OF THIS WARRANTY MUST ACCOMPANY THE BID.			
51 -LISTING OF ALL WASTE FACILITES UTILIZING YOUR EQUIPMENT:				
Please list all contacts and phone numbers (<u>TEXAS Facilities ONLY</u>)				

Company/Agency	Machine Year and Model	Contact Person	Phone Number	Distance from COE (Miles)	Time Machine in Service and Possession

52 - AFTER THE SALE SUPPORT - OPERATOR TRAINING:

Is professional operator training available from your company.	Yes			No	
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Number of Dealer Full-Time Operator Trainers	Professional Training Class Offered for this Product	Price per Student	Hours per Class	Maximum # of Students per Class
		\$		

52 - AFTER THE SALE TECHNICAL SUPPORT - MECHANIC TRAINING:

Is professional technical training available from your company.	Yes			No
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Number of Dealer Full-Time Technical Trainers	Professional Training Classes Offered for this Product	Price per Class	Hours per Class	Maximum # of Students per Class
		\$		

53 -BID FORM:

	Company Name:
	Printed Name of Person Submitting Bid:
	Street Address:
	County, State:
	Zip
	Phone Number: ()
	Fax Number: ()
	E-mail Address:

53.1	ITEM – (2) RIGHT HAND DRIVE RESIDENTIAL RETRIEVERS AS LISTED ABOVE.	UNIT PRICE	\$
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54.0	HEAVY DUTY BODY OPTION	\$	COST	
55.0	AVAILABLE EXTENDED WARRANTY(S) CAB AND CHASIS			
55.1	___ YR ___ MILES _____ TYPE _____		COST	
55.2	___ YR ___ MILES _____ TYPE _____		COST	
55.3	___ YR ___ MILES _____ TYPE _____		COST	
56.0	AVAILABLE EXTENDED WARRANTY(S)			
56.1	___ YR ___ MILES _____ TYPE _____		COST	
56.2	___ YR ___ MILES _____ TYPE _____		COST	
56.3	___ YR ___ MILES _____ TYPE _____		COST	
57.1	DELIVERY TIME AFTER AWARD IN DAYS			
***** FOR CITY USE ONLY*****				
FINAL EXTENDED PRICE INCLUDING ALL AVAILABLE OPTIONS AND WARRANTIES LISTED ABOVE (LIST ITEM _____, _____, _____, _____)				

All Addenda issued in respect to this project shall be considered official changes to the original bidding documents. It shall be the Bidder(s) responsibility to ensure that all Addenda have been received. Furthermore, bidders are advised that they must recognize, comply with, and attach a signed copy of each Addendum which shall be made part of their Bid Submittal. Bidder(s) signature on Addenda shall be interpreted as the vendor's "recognition and compliance to" official changes as outlined by the City of Edinburg and as such are made part of the original bidding documents.

Does the Company have an office located in Edinburg, Texas? Yes _____ No _____

Has the Company ever conducted business with the City of Edinburg? Yes _____ No _____

Respectfully submitted this _____ day of _____, 2016.

SIGNATURE: _____

TYPE/PRINT NAME: _____

TITLE: _____

COMPANY: _____

ADDRESS: _____

TELEPHONE NO.: _____

FAX NO.: _____

EMAIL: _____