



CITY OF SAN ANTONIO
PURCHASING AND GENERAL SERVICES DEPARTMENT

REQUEST FOR OFFER ("RFO") NO.: 6100009569

AUTOMATED SIDE LOAD REFUSE TRUCKS

Date Issued: OCTOBER 23, 2017

ORIGINAL

RESPONSES MUST BE RECEIVED NO LATER THAN:
10:00 AM CENTRAL TIME, **NOVEMBER 3, 2017**

Responses may be submitted by any of the following means:

- Electronic submission through the Portal
- Hard copy in person or by mail

Address for hard copy responses:

Physical Address:

Purchasing & General Services
Riverview Tower
111 Soledad, Suite 500
San Antonio, Texas 78205

Mailing Address:

Purchasing & General Services
P.O. Box 839966
San Antonio, Texas 78283-3966

For Hard Copy Submissions, Mark Envelope

"AUTOMATED SIDE LOAD REFUSE TRUCKS"

Offer Due Date: 10:00 A.M. CENTRAL TIME, NOVEMBER 3, 2017

RFO No.: 6100009569

Offeror's Name and Address

Bid Bond: None Performance Bond: None Payment Bond: None Other: None

See Supplemental Terms & Conditions for information on these requirements.

Affirmative Procurement Initiative: None

DBE / ACDBE Requirements: None

See Instructions for Offerors and Attachments sections for more information on these requirements.

Pre-Submittal Conference: None

Staff Contact Person: LD MCGARITY, PROCUREMENT SPECIALIST II, P.O. Box 839966, San Antonio, TX 78283-3966

Email: ld.mcgarity@sanantonio.gov

Phone Number: 210-207-2078

Fax Number: 210-207-4360

002 - TABLE OF CONTENTS

002 - TABLE OF CONTENTS..... 2
003 - INSTRUCTIONS FOR OFFERORS 3
004 - SPECIFICATIONS / SCOPE OF SERVICES 9
005 - SUPPLEMENTAL TERMS & CONDITIONS 21
006 - GENERAL TERMS & CONDITIONS 24
007 - SIGNATURE PAGE 29
008 - STANDARD DEFINITIONS 30
009 - ATTACHMENTS 31

003 - INSTRUCTIONS FOR OFFERORS

Submission of Offers.

Submission of Hard Copy Offers. Submit one original offer, signed in ink, and two copies of the offer enclosed in a sealed envelope addressed to the Purchasing and General Services Department at the address and by the due date provided on the Cover Page. The name and address of offeror, the offer due date and RFO number and title shall be marked on the outside of the envelope(s). All times stated herein are Central Time. Any offer or modification received after the time and date stated on the Cover Page shall be rejected.

Submission of Electronic Offers. Submit one offer electronically by the due date provided on the Cover Page. All times stated herein are Central Time. Any offer or modification received after the time and date stated on the Cover Page shall be rejected. All forms in this solicitation which require a signature must have a signature affixed thereto, either by manually signing the document, prior to scanning it and uploading it with your submission, or affixing it electronically.

Offers sent to City by facsimile or email shall be rejected.

Modified Offers. Offers may be modified provided such modifications are received prior to the time and date set for submission of offers, and submitted in the same manner as original offers. For hard copy offers, provide a cover letter with the offer, indicating it is a modified offer and that the Original offer is being withdrawn. For electronic offers, a modified offer will automatically replace a prior offer submission. See below for information on submitting Alternate Offers.

City shall not be responsible for lost or misdirected offers or modifications.

Offerors must sign the Signature Page on hard copy offers and return the RFO document to City. For electronic offers, Offeror's electronic submission, with accompanying affirmations, constitutes a binding signature for all purposes.

Offerors are cautioned that they are responsible for the security of their log on ID and password, since unauthorized use could result in Offeror's being held liable for the submission.

Certified Vendor Registration Form. If Offeror has not completed the City's Certified Vendor Registration (CVR) Form, Offeror is required to do so prior to the due date for submission of offers. The CVR form may be accessed at <http://www.sanantonio.gov/purchasing/>. Offerors must identify the correct name of the entity that will be providing the goods and/or services under the contract. No nicknames, abbreviations (unless part of the legal title), shortened or short-hand names will be accepted in place of the full, true and correct legal name of the entity.

Alternate Offers. Alternate offers may be allowed at the sole discretion of City.

Hard Copy Alternate Offers. Hard copy alternate offers must be submitted in separate sealed envelopes in the same manner as submission of other offers. Alternate offers must be marked consecutively on the envelope as Alternate Offer No. 1, 2, etc. Failure to submit alternate offers in separate envelopes may result in rejection of an offer.

Electronic Alternate Offers Submitted Through the Portal. All alternate offers are recorded with original offers when submitted electronically.

Catalog Pricing. (This section applies to offers using catalog pricing, unless this is a cooperative purchase.)

The offer will be based on manufacturer's latest dated price list(s). Said price list(s) must denote the manufacturer, latest effective date and price schedule.

Offerors shall be responsible for providing one copy of the manufacturer's catalog for each manufacturer for which an offer is submitted. Offeror shall provide said catalog at the time of submission of its offer. Manufacturers' catalogs may be submitted in any of the following formats: paper copy or CD ROM for bids submitted on paper, or PDF file for offers submitted electronically.

Offerors may submit price lists other than the manufacturer's price list. Said price list(s) must denote the company name, effective date and price schedule. These price lists are subject to approval of the City Purchasing & General Services Department.

Specified items identified herein, if any, are for overall offer evaluation and represent the commonly and most used items. Net prices entered for those specified items must reflect the actual price derived from quoted price list less all discounts offered.

Restrictions on Communication.

Offerors are prohibited from communicating with: 1) elected City officials and their staff regarding the RFO or offers from the time the RFO has been released until the contract is posted as a City Council agenda item; and 2) City employees from the time the RFO has been released until the contract is awarded. These restrictions extend to "thank you" letters, phone calls, emails and any contact that results in the direct or indirect discussion of the RFO and/or offer submitted by Offeror. Violation of this provision by Offeror and/or its agent may lead to disqualification of the offer from consideration.

Exceptions to the restrictions on communication with City employees include:

Offerors may ask verbal questions concerning this RFO at the Pre-Submittal Conference.

Offerors may submit written questions, or objections to specifications, concerning this RFO to the Staff Contact Person listed on the Cover Page on or before 3 calendar days prior to the date offers are due. Questions received after the stated deadline will not be answered. Questions submitted and the City's responses will be posted with this solicitation. All questions shall be sent by e-mail or through the portal.

Offerors may provide responses to questions asked of them by the Staff Contact Person after responses are received. The Staff Contact Person may request clarification to assist in evaluating the Offeror's response. The information provided is not intended to change the offer response in any fashion. Such additional information must be provided within two business days from City's request.

Offerors and/or their agents are encouraged to contact the Small Business Office of the International and Economic Development Department for assistance or clarification with issues specifically related to the City's Small Business Economic Development Advocacy (SBEDA) Program policy and/or completion of the SBEDA form (s), if any. The point of contact is identified on the Cover Page. Contacting the Small Business Office regarding this RFO after the due date is not permitted. If this solicitation contains Affirmative Procurement Initiatives, it will be noted on the Cover Page.

If this solicitation contains DBE/ACDBE requirements, respondents and/or their agents may contact the Aviation Department's DBE/ACDBE Liaison Officer for assistance or clarification with issues specifically related to the DBE/ACDBE policy and/or completion of the required form(s). Point of contact is Ms. Lisa Brice, who may be reached via telephone at (210) 207-3505 or through e-mail at lisa.brice@sanantonio.gov. Respondents and/or their agents may contact Ms. Brice at any time prior to the due date for submission of bids. Contacting her or her office regarding this RFO after the due date is not permitted. If this solicitation contains DBE/ACDBE requirements, it will be noted on the Cover Page.

Pre-Submittal Conference.

If a Pre-Submittal Conference is scheduled, it will be held at the time and place noted on the Cover Page. Offerors are encouraged to prepare and submit their questions in writing in advance of the Pre-Submittal Conference in order to expedite the proceedings. City's responses to questions received prior to the conference may be distributed at the Pre-Submittal Conference and posted with this solicitation. Attendance at the Pre-Submittal Conference is optional, but highly encouraged.

This meeting place is accessible to disabled persons. Call the Staff Contact Person for information on the location of the wheelchair accessible entrance, or to request an interpreter for the deaf. Interpreters for the deaf must be requested at least 48 hours prior to the meeting. For other assistance, call (210) 207-7245 Voice/TTY.

Any oral response given at the Pre-Submittal Conference that is not confirmed in writing and posted with this solicitation shall not be official or binding on City.

Changes to RFO.

Changes to this RFO made prior to the offer due date shall be made directly to the original RFO. Changes are captured by creating a replacement version each time the RFO is changed. It is Offeror's responsibility to check for

new versions until the offer due date. City will assume that all offers received are based on the final version of the RFO as it exists on the day offers are due.

No oral statement of any person shall modify or otherwise change or affect the terms, conditions or specifications stated in the RFO.

Preparation of Offers.

All information required by the RFO must be furnished or the offer may be deemed non-responsive and rejected. Any ambiguity in the offer as a result of omission, error, unintelligible or illegible wording shall be construed in the favor of City.

Correct Legal Name. If an Offeror is found to have incorrectly or incompletely stated the name of the entity that will provide goods and/or services, the offer may be rejected.

Line Item Offers. Any offer that is considered for award by each unit or line item, must include a price for each unit or line item for which Offeror wishes to be considered. All offers are awarded on the basis of low line item, low total line items, or in any other combination that serves the best interest of City, unless City designates this solicitation as an "all or none" offer in the Supplemental Terms & Conditions.

All or None Offers. Any offer that is considered for award on an "all or none" basis must include a price for all units or line items. In an "All or None" offer, a unit price left blank shall result in the offer being deemed nonresponsive and disqualified from consideration. An "All or None" offer is one in which City will award the entire contract to one offeror only.

Delivery Dates. Proposed delivery dates must be shown in the offer form where required and shall include weekends and holidays, unless specified otherwise in this RFO. Proposed delivery times must be specific. Phrases such as "as required", "as soon as possible" or "prompt" may result in disqualification of the offer. Special delivery instructions, if any, may be found in the Specifications / Scope of Services section of this document, or in the Purchase Order.

Tax Exemption. The City of San Antonio is exempt from payment of federal taxes, and State of Texas limited sales excise and use taxes. Offerors must not include such taxes in offer prices. An exemption certificate will be signed by City where applicable upon request by Offeror after contract award.

Samples, Demonstrations and Pre-award Testing. If requested by City, Offeror shall provide product samples, demonstrations, and/or testing of items offered to ensure compliance with specifications prior to award of the contract. Samples, demonstrations and/or testing must be provided within 7 calendar days of City's request. Failure to comply with City's request may result in rejection of an offer. All samples (including return thereof), demonstrations, and/or testing shall be at Offeror's expense. Samples will be returned upon written request. Requests for return of samples must be made in writing at the time the samples are provided. Otherwise, samples will become property of City at no cost to City. Samples that are consumed or destroyed during demonstrations or testing will not be returned.

Estimated Quantities for Annual Contracts.

Designation as an "annual" contract is found in the contract's title on the Cover Page of this document. The quantities stated are estimates only and are in no way binding upon City. Estimated quantities are used for the purpose of evaluation. City may increase or decrease quantities as needed. Where a contract is awarded on a unit price basis, payment shall be based on the actual quantities supplied.

Offerors shall thoroughly examine the drawings, specifications, schedule(s), instructions and all other contract documents.

Offerors shall make all investigations necessary to thoroughly inform themselves regarding plant and facilities for delivery of material and equipment, or conditions and sites/locations for providing goods and services as required by this RFO. No plea of ignorance by Offeror will be accepted as a basis for varying the requirements of City or the compensation to Offeror.

Confidential or Proprietary Information. All offers become the property of City upon receipt and will not be returned. Any information deemed to be confidential by Offeror should be clearly noted; however, City cannot guarantee that it will not be compelled to disclose all or part of any public record under the Texas Public Information Act, since information deemed to be confidential by Offeror may not be considered confidential under Texas law, or pursuant to a

Court order. Pricing may be tabulated and posted to City's website, so shall not be considered proprietary or confidential.

Costs of Preparation. Offeror shall bear any and all costs that are associated with the preparation of the Offer, attendance at the Pre-Submittal conference, if any, or during any phase of the selection process.

Rejection of Offers.

City may reject any and all offers, in whole or in part, cancel the RFO and reissue the solicitation. City may reject an offer if:

Offeror misstates or conceals any material fact in the offer; or

The offer does not strictly conform to law or the requirements of the offer;

The offer is conditional; or

Any other reason that would lead City to believe that the offer is non-responsive or Offeror is not responsible.

City, in its sole discretion, may also waive any minor informalities or irregularities in any offer, such as failure to submit sufficient offer copies, failure to submit literature or similar attachments, or business affiliation information.

Changes to Offer Form. Offers must be submitted on the forms furnished. Offers that change the format or content of City's RFO may be rejected.

Withdrawal of Offers. Offers may be withdrawn prior to the due date. Written notice of withdrawal shall be provided to the Staff Contact Person for offers submitted in hard copy. Offers submitted electronically may be withdrawn electronically.

Evaluation and Award of Contract.

City reserves the right to make an award on the basis of City's best interests. Award may also be made based on low line item, low total line items, or in any other combination that serves the best interest of City, unless City designates this solicitation as an "all or none" offer in the Supplemental Terms & Conditions.

A written award of acceptance, manifested by a City Ordinance, and a purchase order furnished to Offeror results in a binding contract without further action by either party. Offeror must have the Purchase Order before making any delivery.

City reserves the right to delete items prior to the awarding of the contract, and purchase said items by other means.

Inspection of Facilities/Equipment. Depending on the nature of the RFO, Offerors' facilities and equipment may be a determining factor in making the offer award. All Offerors may be subject to inspection of their facilities and equipment.

Prompt Payment Discount.

Provided Offeror meets the requirements stated herein, City shall take Offeror's offered prompt payment discount into consideration. The evaluation will not be based on the discount percentage alone, but rather the net price as determined by applying the discount to the offer price, either per line item or total offer amount. However, City reserves the right to reject a discount if the percentage is too low to be of value to City, all things considered. City may also reject a discount if the percentage is so high as to create an overly large disparity between the price City would pay if it is able to take advantage of the discount and the price City would pay if it were unable to pay within the discount period. City may always reject the discount and pay within the 30 day period, at City's sole option.

City will not consider discounts that provide fewer than 10 days to pay in order to receive the discount.

For example, payment terms of 2% 5, Net 30 will NOT be considered in offer evaluations or in the payment of invoices. However, payment terms of 2% 10, Net 30 will result in a two percent reduction in the offer price during offer evaluation, and City will take the 2% discount if the invoice is paid within the 10 day time period.

Prohibited Financial Interest. The Charter of the City of San Antonio and its Ethics Code prohibit a City officer or employee, as those terms are defined in the Ethics Code, from having a financial interest in any contract with City or any City agency such as City-owned utilities. An officer or employee has a "prohibited financial interest" in a contract with City

or in the sale to City of land materials, supplies or service, if any of the following individual(s) or entities is a party to the contract or sale: the City officer or employee; his parent, child or spouse; a business entity in which he or his parent, child or spouse owns ten (10) percent or more of the voting stock or shares of the business entity, or ten (10) percent or more of the fair market value of the business entity; or a business entity in which any individual or entity above listed is a subcontractor on a City contract, a partner or a parent or subsidiary business entity.

Conflict of Interest. Effective January 1, 2006, Chapter 176 of the Texas Local Government Code requires that persons, or their agents, who seek to contract for the sale or purchase of property, goods, or services with the City, shall file a completed conflict of interest questionnaire with the City Clerk not later than the 7th business day after the date that the person: (1) begins contract discussions or negotiations with the City; or (2) submits to the City an application, response to a request for proposals or offers, correspondence, or another writing related to a potential agreement with the City. The conflict of interest questionnaire form is available from the Texas Ethics Commission at www.ethics.state.tx.us. Completed conflict of interest questionnaires may be mailed or delivered by hand to the Office of the City Clerk. If mailing a completed conflict of interest questionnaire, mail to: Office of the City Clerk, P.O. Box 839966, San Antonio, TX 78283-3966. If delivering a completed conflict of interest questionnaire, deliver to: Office of the City Clerk, City Hall, 2nd floor, 100 Military Plaza, San Antonio, TX 78205. Offeror should consult its own legal advisor with questions regarding the statute or form. Do not include this form with your sealed offer. The Purchasing Division will not deliver the form to the City Clerk for you.

State of Texas Conflict of Interest Questionnaire (Form CIQ). Chapter 176 of the Texas Local Government Code requires that persons, or their agents, who seek to contract for the sale or purchase of property, goods, or services with the City, shall file a completed Form CIQ with the City Clerk if those persons meet the requirements under 176.006(a) of the statute.

By law this questionnaire must be filed with the City Clerk not later than the 7th business day after the date the vendor becomes aware of facts that require the statement to be filed. See Section 176.006(a-1), Texas Local Government Code.

Form CIQ is available from the Texas Ethics Commission by accessing the following web address:

https://www.ethics.state.tx.us/filinginfo/conflict_forms.htm

In addition, please complete the City's Addendum to Form CIQ (Form CIQ-A) and submit it with Form CIQ to the Office of the City Clerk. The Form CIQ-A can be found at:

<http://www.sanantonio.gov/atty/ethics/pdf/OCC-CIQ-Addendum.pdf>

When completed, the CIQ Form and the CIQ-A Form should be submitted together, either by mail or hand delivery, to the Office of the City Clerk. If mailing, mail to:

Office of the City Clerk, P.O. Box 839966, San Antonio, TX 78283-3966.

If delivering by hand, deliver to:

City Hall, 100 Military Plaza, San Antonio, TX 78205.

Do not include these forms with your sealed bid. The Purchasing Division will not deliver the forms to the City Clerk for you.

Certificate of Interested Parties (Form 1295)

The Texas Government Code §2252.908, and the rules issued by the Texas Ethics Commission found in Title 1, Sections 46.1, 46.3 and 46.5 of the Texas Administrative Code, require a business entity to submit a completed Form 1295 to the City before the City may enter into a contract with that business entity.

Form 1295 must be completed online. It is available from the Texas Ethics Commission by accessing the following web address: https://www.ethics.state.tx.us/whatsnew/elf_info_form1295.htm.

Print your completed Form 1295 and sign it in front of a notary. Submit your signed and notarized Form 1295 with your response to this solicitation. Where requested to provide the name of the public entity with whom you are contracting, insert "City of San Antonio". Where requested to provide the contract number, provide the solicitation number shown on the cover page of this solicitation (e.g. IFB 6100001234, RFO 6100001234 or RFCSP 6100001234).

The following definitions found in the statute and Texas Ethics Commission rules may be helpful in completing Form 1295.

"Business entity" includes an entity through which business is conducted with a governmental entity or state agency, regardless of whether the entity is a for-profit or nonprofit entity. The term does not include a governmental entity or state agency. (NOTE: The City of San Antonio should never be listed as the "Business entity".)

"Controlling interest" means: (1) an ownership interest or participating interest in a business entity by virtue of units, percentage, shares, stock, or otherwise that exceeds 10 percent; (2) membership on the board of directors or other governing body of a business entity of which the board or other governing body is composed of not more than 10 members; or (3) service as an officer of a business entity that has four or fewer officers, or service as one of the four officers most highly compensated by a business entity that has more than four officers. Subsection (3) of this section does not apply to an officer of a publicly held business entity or its wholly owned subsidiaries.

"Interested party" means: (1) a person who has a controlling interest in a business entity with whom a governmental entity or state agency contracts; or (2) an intermediary.

"Intermediary," for purposes of this rule, means a person who actively participates in the facilitation of the contract or negotiating the contract, including a broker, adviser, attorney, or representative of or agent for the business entity who:

- (1) receives compensation from the business entity for the person's participation;
- (2) communicates directly with the governmental entity or state agency on behalf of the business entity regarding the contract; and
- (3) is not an employee of the business entity or of an entity with a controlling interest in the business entity.

004 - SPECIFICATIONS / SCOPE OF SERVICES

- 4.1 **SCOPE:** The City of San Antonio is issuing this Request for Offer (RFO) to provide a total 9 Turnkey Refuse Collection Trucks with High Compaction Automated Side Load Body in accordance with the Building and Equipment Services Department - Fleet Services Division specifications listed herein. These trucks will include cab and chassis and refuse body. These trucks will be utilized for refuse collection by the Solid Waste Management Department. The trucks specified are for 5 Peterbilt 520 Cab & Chassis with a 28 cubic yard Heil Durapak Python Refuse Collection Body and 4 Peterbilt 520 Cab & Chassis with a 28 cubic yard McNeilus ZR Refuse Collection Body. (NO ALTERNATIVES WILL BE CONSIDERED)
- 4.2 **DELIVERY DATES:** Vendors shall deliver all awarded trucks, ready for use, no later than 285 days after receipt of City's Purchase Order. Time is of the essence in the performance of this contract. City may assess liquidated damages for late delivery in accordance with section 005 – Supplemental Terms & Conditions.
- 4.3 **GENERAL REQUIREMENTS:**
- 4.3.1 The following general conditions will apply to all items within this bid unless specifically excluded within any item. Equipment shall be manufacturer's latest design, standard production model and shall have been manufactured within the last 12 months. All components shall be installed new, unused, and shall be manufacturer's standard equipment unless otherwise specified or replaced herein. Equipment is to be inspected, serviced, and adjusted in accordance with manufacturer's recommended pre-delivery checklist, and ready for operation upon delivery. Manufacturer's Statement of Origin (MSO) showing manufacture within the last 12 calendar months, and completed pre-delivery checklists for chassis and body will be required at delivery. Equipment offered under the below listed specifications will be considered unacceptable if, for any reason, the equipment's, or major component's, long term availability on the U.S. market, or in the local area, is in doubt. Vendor is required to notify the City of all production "cut-off" dates necessary for order submission.
- 4.3.2 **Warranty and Parts – Dealer and manufacturer must provide the maximum standard manufacturer's warranty on all components parts and service included. All components, parts, and service are required to provide, as a minimum, a 1 year unlimited mileage/hour warranty. All warranty times will start the date the vehicle is placed in service, not on the delivery date. The dealer will be notified by letter of the in-service date of each vehicle by serial number. Vendor will fully explained the warranty by attaching separate, authenticated correspondence or entering such information in the remarks section of this bid. Warranty, reliability, and replacement captive parts costs and availability shall be a consideration in award of this bid. Warranty parts and service must be available within a 50 mile radius of San Antonio City Hall and by a factory-authorized dealer identified on the Price Schedule page (NO EXCEPTIONS). All warranty repairs must be completed within 3 days from the date equipment is delivered to the vendor unless otherwise approved by the appropriate City of San Antonio maintenance superintendent. By submitting an offer, Vendors certifies that all repairs needed after the warranty period will be available within 50 mile radius of San Antonio City Hall.**
- 4.3.3 **Delivery - All deliveries are to be made inside the City limits of San Antonio. Vendor must deliver equipment to the following address:**
- City of San Antonio,
Northeast Service Center,
10303 Tool Yard, Bldg. #2,
San Antonio, TX 78233
Attn: Acquisitions
- Delivery to a non-specified location will result in non-acceptance of the equipment by the City. All deliveries must be pre-arranged with a minimum 24-hour notification, NO EXCEPTIONS. Vehicles will be accepted 8:00 A.M. to 3:00 P.M. CT. Vehicles with more than 3700 miles accumulated on the odometer will not be accepted. All vehicles are required to have a full tank(s) when delivered to City specified location.
- 4.3.4 **DOCUMENTS AND EQUIPMENT MANUALS – The supplier shall furnish (4) complete sets per vehicle type, of the following: Parts Manual, Maintenance Manual, Service Manual, and Operators Manual or on-line access per model of all equipment, accessories, and components. All bids must include complete manufacturer's specifications for each model being offered**
- 4.3.5 **The Manufacturer's Statement of Origin (MSO), Dealer Temporary license plates/tags, proper Invoice, Texas State Inspection Certificate, signed 130U form and State Weight Certificate/slip (for trucks over one ton) are required upon delivery of each vehicle. Any of these missing items will deem the vehicle delivered *Not* as**

Specified and will not be processed or accepted vehicle all required paperwork is completed and provided to Fleet Acquisition.

- 4.3.6 All bodies and components in this bid will be installed in accordance with the appropriate complete Vehicle Data Manual. Certification of compliance will be posted on the left door post of the vehicle. Except for manufacturer's data plates (maximum 4" x 6"), vendor or manufacturer's identifying markings (decals and plates) will not be applied to the vehicle or mounted components. Installation will be completed in compliance with Federal Motor Vehicle Department of Transportation Standards and Texas State Highway requirements. Installation of body and accessories on City furnished vehicles will be accomplished by drilling holes in the frame. Welding on or cutting of frame is not authorized forward of the rear spring hanger or support. Bidders will be responsible for the relocation of any truck components to facilitate installation of the body and equipment. Such relocation must be included as part of the basic bid. No dealership nameplates, markings or decals will be permitted on the vehicles.
- 4.3.7 Upon contract award, vendor shall provide written acknowledgement of order placement. A copy of the finalized build sheet with a Solid Waste Management representative signature confirming equipment build out shall be provided to the City prior to equipment delivery. The delivery date for the completed unit shall be communicated when the build sheet is finalized. Electrical wiring schematics that include lighting and air conditioning systems for body shall be provided at time of delivery. Electrical wiring schematics and finalized build sheet shall be provided in paper, or in Adobe PDF format.
- 4.3.8 **VEHICLE INSPECTION:** The vendor shall have each vehicle properly inspected in compliance with Texas motor vehicle laws. A Texas Vehicle Inspection Report shall be provided for each truck being purchased.
- 4.3.9 **PRIOR TO DELIVERY:** City of San Antonio shall be notified and allowed a final inspection of the first unit of each configuration prior to delivery. If such final inspection occurs outside of the City of San Antonio, accommodations including airfare and lodging will be provided by the vendor at no cost to the City of San Antonio for up to 2 City employees. The final inspection will occur at the body installer's facility.
- 4.3.10 **CHECK-IN INSPECTION:** The City shall check the vehicle upon delivery to ensure compliance with this specification and any other specific requirements. The vendor shall deliver with the vehicle the manufacturer's invoice, and Manufacturer's Statement of Origin (MSO), or any official documentation to verify the fact that ordered options, GVWR rating, and other requirements have been met.
- 4.3.11 Failure to provide required documentation as listed may cause the delay of payment. Payment will be made within 30 days after vehicle's acceptance or receipt of correct invoice, whichever is later. Acceptance will not be made, nor payment initiated on vehicles failing to meet specifications (unless they are brought into full compliance), and all necessary documents (i.e. MSO, odometer statement, etc.) are received by the City.
- 4.3.12 Vendor shall remove noncompliant vehicle(s) from City premises within 5 working days after receiving written notification from Fleet Acquisition staff. If vehicle is not removed by vendor within the specified time frame, the City may arrange for vehicle to be removed and secured by a local towing and storage facility. Vendor will be responsible for payment of all related towing and storage charges. The City will not be responsible or liable for damage or loss of noncompliant vehicles which remain on City premises, or which are removed by towing company, 5 working days after vendor notification.
- 4.3.13 As used in this bid the left and right side is determined by sitting in the operator seat.
- 4.3.14 **CONVENIENCE FEATURES:** Vehicle shall be equipped with Air ride adjustable driver and a fixed passenger seat, intermittent wipers, when applicable. All vehicles are to be equipped at the factory with air conditioning/Heater/defroster, (Maximum capacity cooling system offered by manufacturer), full headliner minimum OEM AM/FM radio, power steering, power ABS brakes, power windows, power door locks, power mirrors and manual tilt steering wheel. Each unit shall have a minimum three sets of keys.
- 4.3.15 Any diesel engine being bid must conform to latest NOx EPA and GHG emission standard in effect at the time of offer. Vendor must supply a copy of the latest Emissions Certificate of Conformity for the vehicles bid. Only engines using selective catalytic reduction (SCR) technology will be accepted.
- 4.3.16 **BASIC MAINTENANCE TRAINING:** The vendor shall hold a training seminar at a City of San Antonio facility at a time that will be agreed to by both the City and Vendor within 30 days of delivery. The training seminar shall provide maintenance staff with the basic knowledge and skills to maintain the chassis

4.3.17 All bids must include complete manufacturer's specifications for each model being bid.

4.4	ITEM	QUANTITY	DESCRIPTION
	1	5	Peterbilt 520 Cab & Chassis with a 28 Cubic Yard Heil Durapak Python Automated Side Loader

4.4.1 **ENGINE:** Engine to be a Cummins ISX12; 350 HP@ 2100 RPM with a minimum 1,450 lbs./ft. torque.

4.4.2 **CAB:** All doors to be keyed alike. Unit to be 53in LCF ProBilt Cab with RH drive, dual door stops, door locks, tinted safety glass thru-out. Doors to be equipped with mounted arm rests, power windows, and full insulation. Cab and Door must be equipped with mounted entry grab handles, and an ergonomic center console. Driver seat to be Sears C2 Air Ride with mid-back support. Passenger seat to be Peterbilt Non-Air Ride. Material to be vinyl and seatbelt color to be bright orange (NO EXCEPTIONS). Interior color to be gray. Unit to come equipped with an adjustable steering column, Tilt/Telescope. Driver side flooring to be diamond plate covering on floor. Rear window back of cab standard tint. A combo fresh air heater/air conditioner with radiator mounted condenser, dedicated side window defrosters, BI-level heater/ defroster controls, 54,500 BTU/HR; silicone heater hoses. Velvac VMAX III black motorized and heated mirrors with cameras; one (1) mirror to be mounted on right side door and one (1) mirror to be mounted on front of cab left side. Unit to have (1) Air Horn equipped. Electric Windshield Wipers with intermittent feature and rain gutters over driver and passenger doors. Headlights are to be dual rectangular halogen type. Unit to have a 5 lb. ABC fire extinguisher mounted in cab out of drivers operation and equipped with a triangle kit.

4.4.3 **CHASSIS:** Base Model 520, 6-wheel truck; RH sit down drive package. Wheelbase, to meet body manufactures specifications for cab to trunnion. Frame Rails, 10.75"x3.5"x375", steel section modulus 17.8 cu. in. with a RBM of a minimum 2,136,000 in lbs. per rail; with a full steel liner; (2) solid mount cable hooks; Bendix AD -IS EP Air Dryer with heater, air tank valve guards, steep painter air tanks and nylon chassis Hose. An aluminum space saver battery box LH bottom of cab to be equipped with a rubber battery pad in bottom of battery box; mount space saver battery box, top of 8in below top of frame; steel bumper swept back, Painted.

4.4.4 **TRANSMISSION/ DRIVE:** Unit shall be equipped with an Allison 4500 Series, 6 Speed Vocation, RDS -P with Retarder, Refuse- VOC 400XXX with a control module, refuse w/ auto-neutral & Service B, VP170 transmission. Transmission is to include direct mount oil cooler, external oil cooler, internal filter, and oil level sensor. The primary performance and secondary economy and six speed transmission controls to be Allison push button. The latest Generation 5 Allison Output Retarder for RDS Transmission w/ Prognostics is to be equipped. The transmission retarder is to be audible and include an audible alarm. Allison output function S with a neutral indicator for PTO. Unit will come equipped with a rolling direction change shift inhibitor feature. The transmission mounted driveshaft and Spicer 1810HD half round transmission all to be under the Allison 5 Year Edge Warranty w/ Transmission Retarder and PTO.

4.4.5 **FRONT AXLE:** Front axle to be Dana Spicer D2000F 20,000 lb., 3.5 inch Drop Factory front axle alignment to improve handling and reduce tire wear. Zerk fittings on tie rod ends, kingpins, and draglink ball joints. Taper leaf springs, shocks 20,000 lb. Bendix Air Cam Front Drum Brakes 16.5x7 for use with 16,000-22,000lbs steer axles.

4.4.6 **REAR AXLE:** Rear Drive Axle-Single & Tandem, shall be Hendrickson Haulmaax HMX460 46,000lb, 54in Axle spacing, 60K creep rating. Rear brakes to be Bendix Air Cam rear drum brakes 16.5x8.6; SBM Valve. Heavy duty brake drums with gusseted cam brackets. A divider lockout w/warning light and buzzer (includes in cab manual air valve) must be equipped for safety. The rear axle lubricant must be 75-90 Synthetic for transverse torque rods (both axles).

4.4.7 **FUEL SYSTEM:** Aluminum 80 gallon fuel tank LH bottom of cab with a fuel cooler. Top of fuel tank to be 5 in below top of frame; DEF Tank mounted LH bottom of cab.

- 4.4.8 FRONT TIRES/ WHEELS:** Tire size & load range to be 315/80R 22.5L and wheels to be 10-hole piloted steel disc type; 22.5" x 9.0. All wheels will have fluorescent orange loose wheel lug nut indicators installed Front and Rear.
- 4.4.9 REAR TIRES/ WHEELS:** Tire size & load range to be 315/80R 22.5L and wheels to be 10-hole piloted steel disc type; 22.5" x 9.0.
- 4.4.10 LIGHTING:** Front head light lamps to be halogen. Ft v-turn and clearance lights, turn signal & flasher switch, self-canceling turn signals and marker lamps to all be LED. Roof and corner markers, parking lamps are to be Amber LED wired to a battery shut-off switch. Daytime running lamps, identification & clearance lights, (7) marker and clearance lights, provision for local installation of strobe lights. Dome lights, (2) w/self-contained switches (one each side) and side marker lamps and reflectors to meet or exceed Federal Regulations. All electrical connections to be waterproof and sprayed w/protective coating. No LED manual cut-off switches in cab.
- 4.4.11 RADIO:** Unit to be equipped with an AM/FM Stereo radio w/ CD, WB, USB, and MP3 connections. Unit must be equipped with an auto shut-off radio entertainment system when vehicle is engaged in reverse.
- 4.4.12 COLOR:** Cab & Chassis of unit and Sanitation body to be OEM White.
- 4.4.13 BODY WRAP:** Both sides of refuse body will be wrapped with the City of San Antonio Solid Waste Management Department quatrefoil. Size and dimension of graphic will be coordinated with the Solid Waste Management Department prior to delivery in order to identify exact location on body for quatrefoil wrap.
- 4.4.14 HEIL DURAPACK 28 Cubic Yard REFUSE COLLECTION BODY- HIGH COMPACTION-ASL SPECIFICATION:**
- 4.4.14.1 CAPACITY:** The packer body to have a capacity, excluding the receiving hopper, of not less than 28-cubic yards. Body will have a 150,000-psi body liner, a 3/16" 150,000-psi hopper floor liner, and manufacturer's severe duty packer wear kit.
- 4.4.14.2 HOPPER:** Minimum capacity of 4-cubic yards. The structural integrity of the body must allow high density loading of up to 1,000-pounds per cubic yards of normal refuse. Maximum body, loader and tailgate weight exclusive of special options must not exceed 16,000-pounds. Hopper hood will be provided to prevent debris from blowing out. Manually operated hopper cover, with extended handle, will also be provided inside hopper hood. Hopper cover shall be operated while standing on the ground.
- 4.4.14.3 COMPACTION:** Minimum of 900-lbs. per cubic yard as determined by the City of San Antonio. The packing capability of each body purchased will be re-evaluated at periodic intervals during the 12-month warranty period after the unit goes into service. Should the City determine that a body does not meet the minimum compaction requirements during any of these tests, the vendor will be advised and be required to take action to repair the body in question so that it will meet the minimum compaction requirements. Once the repair is accomplished to the satisfaction of the City, the warranty on the body will then be extended for a 12-month period from the date of re-acceptance by the City. The contractor will have the right to inspect compaction units during normal City working hours to assure that proper factory recommended service and maintenance is being performed. Abuse and damage not attributable to faulty design, materials or workmanship will exempt warranty expectations and must be documented by the vendor. A damage statement will be provided to the service center superintendent within 48 hours of inspection.
- 4.4.14.4 BODY CONSTRUCTION:** No hydraulic cylinders, valves, or other hydraulic components will come in contact with refuse packed into the body. Follower Arm Extension to follow packer extension/retract movement to reduce gap on both sides of packer. All body hinges, cylinder rod ends, cylinder base trunnions, and high cycle pivot points must be equipped with accessible grease fittings. Fittings not easily accessible must have a remote lubrication device installed. Street Side lube manifold for packer cylinders inside body, to be accessible from

body side door without entry to refuse body. An in-cab mounted light and audible alarm to be provided to indicate that the tailgate is not fully closed and locked.

- 4.4.14.5 LIFTING MECHANISM:** The lift base must support the lift arm, the dump arm, the level pivot, the level link, the pivot link and the reach link. The lift base to rest atop the chassis frame rails for vertical distribution of loads induced into the chassis frame rails. Lift mechanisms mounted alongside the chassis frame rails will not be accepted. 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". Stops will be welded to the vehicle frame to prevent arm assembly from shifting. Arm Stopper shall be 1/2" square rod or larger. The front-to-rear mounting length must not exceed 18-inches. Grip Rite Gripper by Heil.
- 4.4.14.6 LIFTING MECHANISM INTERLOCK:** Interlock shall be in-place to eliminate the grabbers from opening when in the dump position. The lifting mechanism must be capable of lifting containers ranging from 30-110 gallons at level, or 16-inch below and above level container placement, and to be capable of extending, grabbing, raising, dumping and returning a container from any position without the need to retract the lift arm and perform the following lift cycle functions in a maximum 12 seconds at engine idle as follows:
- A. Reach to container
 - B. Grab the container
 - C. Lift the container to the full dump position
 - D. Lower the container to the full down position
 - E. Release the grabbers from the container
 - F. Retract to body
- 4.4.14.7 HYDRAULICS:** The lifting capacity to be a minimum of 750-pounds at the 9-foot full reach extension to minimize high over turning loads on the truck chassis. The lifting capacity must progressively increase as the reach decreases to achieve a minimum of 2,000-pound lift at 2-foot reach.
- 4.4.14.8 HYDRAULIC PUMP:** The hydraulic pump to be a conventional "on-command" tandem vane design to operate-in-gear, at-idle. The lift hydraulics must operate at a working pressure of minimum 2,300-PSI. The body hydraulics to operate at a working pressure of minimum 2,500-PSI. All hydraulic tubes will be securely clamped to prevent vibration, abrasion, and excessive noise. All hydraulic hoses must conform to SAE standards for designed pressure. Bending radius not to exceed one half that of the S.A.E. standards. This requirement will prevent flat spots in the hoses. The hydraulic oil reservoir to have a minimum 50-gallon gross capacity and a net capacity of 45-gallons minimum. The tank must be complete with a screened fill pipe and cap, filter breather, clean out cover, oil level sight and temperature gauge. The hydraulic system must be protected with a, minimum 6-micron in-tank return line filter along with a minimum 100-mesh (140-micron) reusable oil strainer in the suction line. A magnet to be used to eliminate contamination and will be accessible for cleaning. One quarter turn ball valves must be installed on suction and outlet lines and to isolate the reservoir and filter assembly for service and maintenance. The return line filter to also include an in cab filter by-pass monitor, which will alert the operator or service personnel when the filter is in need of replacement. A hydraulic pump shut down system must also be installed which will prohibit prolonged operation of the hydraulics when the filter is in the by-pass mode. Quick disconnect fittings to be installed so that a pressure gauge can be easily connected without the use of tools or the need to remove hydraulic fittings.
- 4.4.14.9 LUBRICATION:** All lubrication to be performed from a ground level position without the use of ladder or platform. All lube points to be accessible without movement of arm, body or tailgate for position. Bodies requiring technicians to go inside or under body for lubrication are unacceptable. NO EXCEPTIONS
- 4.4.14.10 CONTROLS:** Joystick, air over electronic; Lift controls to be located in the cab and convenient to the operator; Joystick shall operate the lift arm functions in a controlled "smooth shift" fashion without use of hydraulic

cushioned cylinders. All hydraulic valves shall be solenoid controlled electronic over hydraulic valves. Pneumatically controlled valves are not acceptable. The body controls shall be electronic over hydraulic and located in the cab convenient to the operator. All valve components are to be easily serviceable without changing entire valve body. Valves are to be of the sectional design rather than monoblock for serviceability. The joystick must be properly labeled and indicate the direction of travel as follows: Reach (extend-retract) (in-out), Grab (grip release), Lift arm (up-down) (lift-lower). The lift controls must be self-centering type, returning to the neutral position when released. Operating the lift controls while packing must reverse and return the packer to the start position. The packer push button controls to be electrical over hydraulic and located in the cab convenient to the operator. Separate push buttons must be provided for "Pack" and "Retract" to provide complete packer panel movement control in either direction. Pushing the "Pack" button must automatically extend and retract the packer panel for a complete cycle. Tailgate raise and tailgate lock controls to be electric over hydraulic. Toggle switches to be used to control each function individually. The dumping system provided shall be full eject. The load shall be dumped via cab mounted, electrical controls which raise the tailgate and packer body. The tailgate shall be unlatched and opened/closed hydraulically. The controls shall be located in the cab to allow the operator to remain in the cab and seated during the unloading procedure. Tailgate lock and lifting controls shall be isolated from all other controls and shall be designed to eliminate the possibility of accidental operation. Manually operated latching or restraining devices are not acceptable. Remote switch for arm activation will be installed inside of cab on near the right side door. 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 controllers 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. A non-resetting counting device will be furnished to track grabber arm cycling. Counter will be securely mounted in cab and advance one number each time the arm is lowered and grabber is opened.

4.4.14.11 ELECTRICAL: The body functions in-cab control center shall be provided for system functions. Return line indicator in cab. All body controls shall be electronic and in easy reach of the operator. Large control box shall be free of obstructing driver view. For ease of service, the lift arm and body function electrical to be independent from all lighting electrical. Separate harnesses for both circuits required. Protected wiring on all applications. All electrical components including wiring shall be free of paint and overspray for ease of maintenance.

4.4.14.12 LIGHTING: All lighting to comply with Federal and local lighting requirements. All lighting to be in shock mounted rubber grommets. All lights to be LED including Strobe and Work lights. LED lighting at Hopper and at curbside. All lighting and reflectors must 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 high center brake light on the rear. Included to be, four (4) each, minimum 4-inch diameter, minimum 10-diode, LED, combination tail/stop lamps to be installed. Two (2) on the left and right hand side of the upper portion of the tailgate and two (2) on the left side and on the right side below the tailgate. Turn signals will be separate 4-inch Red LED lamps and placed next to each stop/tail light. Each light must be protected by expanded metal shields that are easily removable to repair lights when necessary. A lighted license plate bracket to be installed centered left to right on the bottom third of the tailgate. A minimum of 2 (two), high output, white backup lights to be installed. Four (4) each, flush mounted amber strobe lights, with user selectable flash patterns to be wired to activate whenever battery disconnect switch is in the "on" position (WHELEN TIR-6, PIN 01-0663507A33B, SUPER-LED, 500 SERIES DIRECTIONAL WARNING LIGHT). Strobes will be set to "three flash, pause" pattern. There will be no switch inside the cab that will turn off strobe lights. Two (2) strobe lights to be located on the front grill and two (2) strobe lights to be located at the rear of the body, at approximately center of tailgate, separated by a minimum of 10 inches should be connected to the brake light system. Clearance, marker, stop, back up, and directional lights to be LED with Lexan lens, shock mounted in a protective housing, the entire unit to be replaceable pop out style. All lighting to be wired to standard chassis controls for the type lighting being installed. Two (2) wide-angle halogen or LED work lights shall be attached to the body in such a manner to provide light at night during the container lift and dump cycle. Controls for spot lights to be mounted in the cab. Reflectors provided shall be

rivet secured type; adhesive styles are unacceptable. Reflective conspicuity tape must be applied along both sides and across the back of each packer body.

4.4.14.13 PAINTING: A high luster finish coat must be applied using acrylic urethane, or proven equal. An ample amount to be applied to achieve a minimum dry thickness of two and one-half (2 1/2) mil and will result in a finish of (3) 1mil minimum thickness and up to 4-mil maximum finish. Body and lifting mechanism to be painted DuPont color number G-8845-WM. Lifting mechanism is to be OEM Black.

4.4.14.14 ACCESSORIES:

4.4.14.14.1 A lockable, water tight, toolbox, approx. 18" x 18" x 20" to be securely mounted to rear bumper of the refuse body. Placement to be approved prior to completion of first unit.

4.4.14.14.2 A 20 lb. Fire extinguisher to be installed on body, curbside, front of body behind first bolster mounted horizontally.

4.4.14.14.3 3rd Eye AWT84MSD DVR Monitor with color video system, with automatic switcher to be installed to enable proper and safe operation of the truck. One camera to be mounted high on the tailgate to assist in backing up, one camera to be installed to providing a view of the hopper operation and two (2) cameras (provided by chassis manufacture and installed in right and left side rear view mirrors), and one forward facing cameras.

4.4.14.14.4 Cameras and connectors must be sealed and waterproof. Flat screen, minimum 8.4 inch monitor to have extended visor and swivel base and be reachable and viewable from either driver position. Automatic switcher with remote switch must be capable of switching between cameras based on operation controls, transmission setting, or operator's preference. Monitor to have split screen capabilities and provisions to add another camera without modification. Cameras to have built in infra-red night vision, minimum 1300 field of view, and sun shade device.

4.4.14.14.5 The hopper camera to provide view when arm is in the lift and dump positions. The rear view camera must be activated when the transmission is shifted to reverse, view from the rear camera to be on the monitor when the truck is in transit (i.e. the truck is in motion and the hydraulic system is not engaged). A back up detection system to be installed - Rear object detection system, beeps faster the closer you get to an object while reversing; it will be ties into the camera system specified. Back up detection system to include automatic braking system to apply brakes with vehicle is within a specified distance of an object.

4.5	ITEM	QUANTITY	DESCRIPTION
	2	4	Peterbilt 520 Cab & Chassis with a 28 Cubic Yard McNeilus ZR Automated Side Loader

4.5.1 ENGINE: Engine to be a Cummins ISX12; 350 HP@ 2100 RPM with a minimum 1,450 lbs./ft. torque.

4.5.2 CAB: All doors to be keyed alike. Unit to be 53in LCF ProBilt Cab with RH drive, dual door stops, door locks, tinted safety glass thru-out. Doors to be equipped with mounted arm rests, power windows, and full insulation. Cab and Door must be equipped with mounted entry grab handles, and an ergonomic center console. Driver seat to be Sears C2 Air Ride with mid-back support. Passenger seat to be Peterbilt Non-Air Ride. Material to be vinyl and seatbelt color to be bright orange (NO EXCEPTIONS). Interior color to be gray. Unit to come equipped with an adjustable steering column, Tilt/Telescope. Driver side flooring to be diamond plate covering on floor. Rear window back of cab standard tint. A combo fresh air heater/air conditioner with radiator mounted condenser, dedicated side window defrosters, Bi-level heater/ defroster controls, 54,500 BTU/HR; silicone heater hoses. Velvac VMAX III black motorized and heated mirrors with cameras; one (1) mirror to be mounted on right side door and one (1) mirror to be mounted on front of cab left side. Unit to have (1) Air Horn equipped.

Electric Windshield Wipers with intermittent feature and rain gutters over driver and passenger doors. Headlights are to be dual rectangular halogen type. Unit to have a 5 lb. ABC fire extinguisher mounted in cab out of drivers operation and equipped with a triangle kit.

- 4.5.3 **CHASSIS:** Base Model 520, 6-wheel truck; RH sit down drive package. Wheelbase, to meet body manufactures specifications for cab to trunnion. Frame Rails, 10.75"x3.5"x375", steel section modulus 17.8 cu. in. with a RBM of a minimum 2,136,000 in lbs. per rail; with a full steel liner; (2) solid mount cable hooks; Bendix AD -IS EP Air Dryer with heater, air tank valve guards, steep painter air tanks and nylon chassis Hose. An aluminum space saver battery box LH bottom of cab to be equipped with a rubber battery pad in bottom of battery box; mount space saver battery box, top of 8in below top of frame; steel bumper swept back, Painted.
- 4.5.4 **TRANSMISSION/ DRIVE:** Unit shall be equipped with an Allison 4500 Series, 6 Speed Vocation, RDS -P with Retarder, Refuse- VOC 400XXX with a control module, refuse w/ auto-neutral & Service B, VP170 transmission. Transmission is to include direct mount oil cooler, external oil cooler, internal filter, and oil level sensor. The primary performance and secondary economy and six speed transmission controls to be Allison push button. The latest Generation 5 Allison Output Retarder for RDS Transmission w/ Prognostics is to be equipped. The transmission retarder is to be audible and include an audible alarm. Allison output function S with a neutral indicator for PTO. Unit will come equipped with a rolling direction change shift inhibitor feature. The transmission mounted driveshaft and Spicer 1810HD half round transmission all to be under the Allison 5 Year Edge Warranty w/ Transmission Retarder and PTO.
- 4.5.5 **FRONT AXLE:** Front axle to be Dana Spicer D2000F 20,000 lb., 3.5in Drop Factory front axle alignment to improve handling and reduce tire wear. Zerk fittings on tie rod ends, kingpins, and draglink ball joints. Taper leaf springs, shocks 20,000 lb. Bendix Air Cam Front Drum Brakes 16.5x7 for use with 16,000-22,000lbs steer axles.
- 4.5.6 **REAR AXLE:** Rear Drive Axle-Single & Tandem, shall be Hendrickson Haulmaax HMX460 46,000lb, 54in Axle spacing, 60K creep rating. Rear brakes to be Bendix Air Cam rear drum brakes 16.5x8.6; SBM Valve. Heavy duty brake drums with gusseted cam brackets. A divider lockout w/warning light and buzzer (includes in cab manual air valve) must be equipped for safety. The rear axle lubricant must be 75-90 Synthetic for transverse torque rods (both axles).
- 4.5.7 **FUEL SYSTEM:** Aluminum 80 gallon fuel tank LH bottom of cab with a fuel cooler. Top of fuel tank to be 5 in below top of frame; DEF Tank mounted LH bottom of cab.
- 4.5.8 **FRONT TIRES/ WHEELS:** Tire size & load range to be 315/80R 22.5L 16 ply and wheels to be 10-hole piloted steel disc type; 22.5" x 9.0. All wheels will have fluorescent orange loose wheel lug nut indicators installed Front and Rear.
- 4.5.9 **REAR TIRES/ WHEELS:** Tire size & load range to be 315/80R 22.5L 16 ply and wheels to be 10-hole piloted steel disc type; 22.5" x 9.0.
- 4.5.10 **LIGHTING:** Front head light lamps to be halogen. Ft v-turn and clearance lights, turn signal & flasher switch, self-canceling turn signals and marker lamps to all be LED. Roof and corner markers, parking lamps are to be Amber LED wired to a battery shut-off switch. Daytime running lamps, identification & clearance lights, (7) marker and clearance lights, provision for local installation of strobe lights. Dome lights, (2) w/self-contained switches (one each side) and side marker lamps and reflectors to meet or exceed Federal Regulations. All electrical connections to be waterproof and sprayed w/protective coating. No LED manual cut-off switches in cab.
- 4.5.11 **RADIO:** Unit to be equipped with an AM/FM Stereo radio w/ CD, WB, USB, and MP3 connections. Unit must be equipped with an auto shut-off radio entertainment system when vehicle is engaged in reverse.
- 4.5.12 **COLOR:** Cab & Chassis of unit and Sanitation body to be OEM White.

- 4.5.13 BODY WRAP:** Both sides of refuse body will be wrapped with the City of San Antonio Solid Waste Management Department quatrefoil. Size and dimension of graphic will be coordinated with the Solid Waste Management Department prior to delivery in order to identify exact location on body for quatrefoil wrap.
- 4.5.14 McNeilus ZR 28 Cubic Yard REFUSE COLLECTION BODY- HIGH COMPACTION-ASL SPECIFICATIONS**
- 4.5.14.1 CAPACITY:** The packer body to have a capacity, excluding the receiving hopper, of not less than 28-cubic yards. Body will have a 3/16" AR400 hopper floor liner.
- 4.5.14.2 HOPPER:** Minimum capacity of 4.8-cubic yards. The structural integrity of the body must allow high density loading of up to 850-900 lbs./yd³ typical of normal refuse. Maximum body, loader and tailgate weight exclusive of special options must not exceed 16,000-pounds. Hopper hood will be provided to prevent debris from blowing out. Manually operated hopper cover, moved up/down with button in cab.
- 4.5.14.3 COMPACTION:** Minimum of 900-lbs. per cubic yard as determined by the City of San Antonio. The packing capability of each body purchased will be re-evaluated at periodic intervals during the 12-month warranty period after the unit goes into service. Should the City determine that a body does not meet the minimum compaction requirements during any of these tests, the vendor will be advised and be required to take action to repair the body in question so that it will meet the minimum compaction requirements. Once the repair is accomplished to the satisfaction of the City, the warranty on the body will then be extended for a 12-month period from the date of re-acceptance by the City. The contractor will have the right to inspect compaction units during normal City working hours to assure that proper factory recommended service and maintenance is being performed. Abuse and damage not attributable to faulty design, materials or workmanship will exempt warranty expectations and must be documented by the vendor. A damage statement will be provided to the service center superintendent within 48 hours of inspection.
- 4.5.14.4 BODY CONSTRUCTION:** No hydraulic cylinders, valves, or other hydraulic components will come in contact with refuse packed into the body. All body hinges, cylinder rod ends, cylinder base trunnions, and high cycle pivot points must be equipped with accessible grease fittings. Fittings not easily accessible must have a remote lubrication device installed. Street Side lube manifold for packer cylinders inside body, to be accessible from ground-level body side door without entry to refuse body. An in-cab mounted light and audible alarm to be provided to indicate that the tailgate is not fully closed and locked.
- 4.5.14.5 LIFTING MECHANISM INTERLOCK:** Interlock shall be in-place to eliminate the grabbers from opening when in the dump position. The lifting mechanism must be capable of lifting containers ranging from 30-110 gallons at level, or 16-inch below and above level container placement, and to be capable of extending, grabbing, raising, dumping and returning a container from any position without the need to retract the lift arm and perform the following lift cycle functions in a maximum 12 seconds at engine idle as follows:
- A. Reach to container
 - B. Grab the container
 - C. Lift the container to the full dump position
 - D. Lower the container to the full down position
 - E. Release the grabbers from the container
 - F. Retract to body
- 4.5.14.6 HYDRAULICS:** The lifting capacity to be a minimum of 550 lbs.
- 4.5.14.7 HYDRAULIC PUMP:** The hydraulic pump to be a conventional "on-command" using tandem piston pumps; variable displacement. The lift hydraulics must operate at a working pressure of minimum 2,300-PSI. The body hydraulics to operate at a working pressure of minimum 2,500-PSI. All hydraulic tubes will be securely clamped

to prevent vibration, abrasion, and excessive noise. All hydraulic hoses must conform to SAE standards for designed pressure. Bending radius not to exceed one half that of the S.A.E. standards. This requirement will prevent flat spots in the hoses. The hydraulic oil reservoir to have a minimum 50-gallon gross capacity and a net capacity of 45-gallons minimum. The tank must be complete with a screened fill pipe and cap, filter breather, clean out cover, oil level sight and temperature gauge. The hydraulic system contains a 12V electric fan cooled hydraulic cooler mounted on the front of the body above the cylinder mounting area. The hydraulic system must be protected with a, minimum 6-micron in-tank return line filter along with a minimum 100-mesh (140-micron) reusable oil strainer in the suction line. A magnet to be used to eliminate contamination and will be accessible for cleaning. One quarter turn ball valves must be installed on suction and outlet lines and to isolate the reservoir and filter assembly for service and maintenance. The return line filter to also include an in cab filter by-pass monitor, which will alert the operator or service personnel when the filter is in need of replacement. A hydraulic pump shut down system must also be installed which will prohibit prolonged operation of the hydraulics when the filter is in the by-pass mode. Quick disconnect fittings to be installed so that a pressure gauge can be easily connected without the use of tools or the need to remove hydraulic fittings.

4.5.14.8 LUBRICATION: All lubrication to be performed from a ground level position without the use of ladder or platform. All lube points to be accessible without movement of arm, body or tailgate for position. Bodies requiring technicians to go inside or under body for lubrication are unacceptable. NO EXCEPTIONS.

4.5.14.9 CONTROLS: Electric over hydraulic CAN based joystick. Lift controls to be located in the cab and convenient to the operator; Joystick shall operate the lift arm functions in a controlled "smooth shift" fashion without use of hydraulic cushioned cylinders. All hydraulic valves shall be solenoid controlled electronic over hydraulic valves. Pneumatically controlled valves are not acceptable. The body controls shall be electronic over hydraulic and located in the cab convenient to the operator. All valve components are to be easily serviceable without changing entire valve body. Valves are to be of the sectional design rather than monoblock for serviceability. The joystick must be properly labeled and indicate the direction of travel as follows: Reach (extend-retract) (in-out), Grab (grip release), Lift arm (up-down) (lift-lower). The lift controls must be self-centering type, returning to the neutral position when released. The follower panel design to allow dumping trash continuously regardless of packer position. The packer push button controls to be electrical over hydraulic and located in the cab convenient to the operator. Separate push buttons must be provided for "Pack" and "Retract" to provide complete packer panel movement control in either direction. Pushing the "Pack" button must automatically extend and retract the packer panel for a complete cycle. Tailgate raise and tailgate lock controls to be electric over hydraulic. Toggle switches to be used to control each function individually. The dumping system provided shall be full eject. The load shall be dumped via cab mounted, electrical controls which raise the tailgate and packer body. The tailgate shall be unlatched and opened/closed hydraulically. The controls shall be located in the cab to allow the operator to remain in the cab and seated during the unloading procedure. Tailgate lock and lifting controls shall be isolated from all other controls and shall be designed to eliminate the possibility of accidental operation. Manually operated latching or restraining devices are not acceptable. Remote switch for arm activation will be installed inside of cab on near the right side door. 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 controllers 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. A non-resetting counting device will be furnished to track grabber arm cycling. Counter will be securely mounted in cab and advance one number each time the arm is lowered and grabber is opened.

4.5.14.10 ELECTRICAL: The body functions in-cab control center shall be provided for system functions. Return line indicator in cab. All body controls shall be electronic and in easy reach of the operator. Large control box shall be free of obstructing driver view. For ease of service, the lift arm and body function electrical to be independent from all lighting electrical. Separate harnesses for both circuits required. Protected wiring on all applications. All electrical components including wiring shall be free of paint and overspray for ease of maintenance.

4.5.14.11 LIGHTING: All lighting to comply with Federal and local lighting requirements. All lighting to be in shock mounted rubber grommets. All lights to be LED including Strobe and Work lights. LED lighting at Hopper and at curbside. All lighting and reflectors must 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 high center brake light on the rear. Included to be, four (4) each, minimum 4-inch diameter, minimum 10-diode, LED, combination tail/stop lamps to be installed. Two (2) on the left and right hand side of the upper portion of the tailgate and two (2) on the left side and on the right side below the tailgate. Turn signals will be separate 4-inch Red LED lamps and placed next to each stop/tail light. Each light must be protected by expanded metal shields that are easily removable to repair lights when necessary. A lighted license plate bracket to be installed centered left to right on the bottom third of the tailgate. A minimum of 2 (two), high output, white backup lights to be installed. Four (4) each, flush mounted amber strobe lights, with user selectable flash patterns to be wired to activate whenever battery disconnect switch is in the "on" position (WHELEN TIR-6, PIN 01-0663507A33B, SUPER-LED, 500 SERIES DIRECTIONAL WARNING LIGHT). Strobes will be set to "three flash, pause" pattern. There will be no switch inside the cab that will turn off strobe lights. Two (2) strobe lights to be located on the front grill and two (2) strobe lights to be located at the rear of the body, at approximately center of tailgate, separated by a minimum of 10 inches should be connected to the brake light system. Clearance, marker, stop, back up, and directional lights to be LED with Lexan lens, shock mounted in a protective housing, the entire unit to be replaceable pop out style. All lighting to be wired to standard chassis controls for the type lighting being installed. Two (2) wide-angle halogen or LED work lights shall be attached to the body in such a manner to provide light at night during the container lift and dump cycle. Controls for spot lights to be mounted in the cab. Reflectors provided shall be rivet secured type; adhesive styles are unacceptable. Reflective conspicuity tape must be applied along both sides and across the back of each packer body.

4.5.14.13 PAINTING: A high luster finish coat must be applied using acrylic urethane, or proven equal. An ample amount to be applied to achieve a minimum dry thickness of two and one-half (2 1/2) mil and will result in a finish of 3) 1mil minimum thickness and up to 4-mil maximum finish. Body and lifting mechanism to be painted DuPont color number G-8845-WM. Lifting mechanism is to be OEM Black.

4.5.14.14 ACCESSORIES:

4.5.14.14.1 A lockable, water tight, toolbox, approx. 18" x 18" x 20" to be securely mounted to rear bumper of the refuse body. Placement to be approved prior to completion of first unit.

4.5.14.14.2 A 20 lb. Fire extinguisher to be installed on body, curbside, front of body behind first bolster mounted horizontally.

4.5.14.14.3 Fleetmind color video camera system, with automatic switcher to be installed to enable proper and safe operation of the truck. One (1) camera to be mounted high on the tailgate to assist in backing up, one (1) camera to be installed to providing a view of the hopper operation and two (2) cameras provided by chassis manufacture (one camera on each side of the cab chassis in rear view mirrors), one (1) forward facing camera and one (1) camera on right side of body viewing the collection arm.

4.5.14.14.4 Cameras and connectors must be sealed and waterproof. Flat screen, minimum 7-inch monitor to have extended visor and swivel base and be reachable and viewable from either driver position. Automatic switcher with remote switch must be capable of switching between cameras based on operation controls, transmission setting, or operator's preference. Monitor to have split screen capabilities and provisions to add another camera without modification. Cameras to have built infra-red night vision, minimum 1300 field of view, and sun shade device.

4.5.14.14.5 The rear view camera must be activated when the transmission is shifted to reverse, view from the rear camera to be on the monitor when the truck is in transit (i.e. the truck is in motion and the hydraulic system is not engaged). A back up detection system to be installed - Rear object detection system, beeps faster the closer you get to an object while reversing; it will be ties into the camera system specified.

4.5.14.14.6 Preco hardwired auto-braking system to apply brakes automatically when backing vehicles is within a preset range.

4.5.14.14.7 RFID reader and antennae installed on truck.

005 - SUPPLEMENTAL TERMS & CONDITIONS

Original Contract Term.

This contract shall begin upon the effective date of the ordinance awarding the contract, or date specified in the award letter if this contract does not exceed \$50,000. This contract shall terminate upon completion of all work described herein or delivery of all goods ordered, as applicable.

Liquidated Damages for Delay:

The parties agree that the actual damages that might be sustained by the City by reason of the breach by Vendor of its covenant to make delivery within the time specified on the Price Schedule, or later delivery per the Schedule provided by City, is uncertain and would be difficult of ascertainment, and that the sum of up to \$100.00 per day per unit for each day that delivery is late would be a reasonable compensation for such breach. Vendor hereby promises to pay, and City hereby agrees to accept, such sum as liquidated damages, and not as a penalty, in the event of such breach. Furthermore, the parties agree that City may withhold said liquidated damages from any payments due to Vendor hereunder. If Vendor's delay exceeds 30 days, City may, at its option, elect to terminate this contract in whole or in part. In such event, City may pursue actual damages, rather than applying this liquidated damages provision.

Warranty.

A minimum of 90-days product guarantee or the manufacturer's standard commercial warranty, whichever is greater, shall apply to all products and/or services purchased under this RFO, unless otherwise specified in the Specifications/Scope of Services section of this RFO. This warranty shall provide for replacement of defective merchandise, parts, and labor, and shall include pick-up of the defective merchandise from City and delivery of the replacement(s) to the same location. The warranty shall be effective from the date of acceptance of the merchandise, or completion of the service, as applicable.

ANY TERM OR CONDITION IN ANY DOCUMENT FURNISHED BY VENDOR, DISCLAIMING THE IMPLIED WARRANTY OF MERCHANTABILITY OR OF FITNESS FOR A PARTICULAR PURPOSE, OR ATTEMPTING TO LIMIT VENDOR'S LIABILITY SHALL BE OF NO FORCE OR EFFECT, AND SHALL BE STRICKEN FROM THE CONTRACT DOCUMENTS AS IF NEVER CONTAINED THEREIN.

Insurance:

Prior to the commencement of any work under this Agreement, Vendor shall furnish copies of all required endorsements and completed Certificate(s) of Insurance to the City's Finance Department - Purchasing Division, which shall be clearly labeled "**Automated Side Load Refuse Trucks**" in the Description of Operations block of the Certificate. The Certificate(s) shall be completed by an agent and signed by a person authorized by that insurer to bind coverage on its behalf. City will not accept a Memorandum of Insurance or Binder as proof of insurance. The certificate(s) must have the agent's signature and phone number, and be mailed, with copies of all applicable endorsements, directly from the insurer's authorized representative to City. City shall have no duty to pay or perform under this Agreement until such certificate and endorsements have been received and approved by City's Finance Department - Purchasing Division. No officer or employee, other than City's Risk Manager, shall have authority to waive this requirement.

City reserves the right to review the insurance requirements of this Article during the effective period of this Agreement and any extension or renewal hereof and to modify insurance coverages and their limits when deemed necessary and prudent by City's Risk Manager based upon changes in statutory law, court decisions, or circumstances surrounding this Agreement. In no instance will City allow modification whereby City may incur increased risk.

A Vendor's financial integrity is of interest to City; therefore, subject to Vendor's right to maintain reasonable deductibles in such amounts as are approved by City, Vendor shall obtain and maintain in full force and effect for the duration of this Agreement, and any extension here of, at Vendor's sole expense, insurance coverage written on an occurrence basis, unless otherwise indicated, by companies authorized to do business in the State of Texas and with an A.M Best's rating of no less than A- (VII), in the following types and for an amount not less than the amount listed below:

TYPE	AMOUNTS
1. Workers' Compensation	Statutory
2. Employers' Liability	\$1,000,000/\$1,000,000/\$1,000,000
3. Commercial General Liability Insurance to include coverage for the following: a. Premises/Operations b. Products/Completed Operations c. Personal/Advertising Injury	For <u>Bodily Injury</u> and <u>Property Damage</u> of \$1,000,000 per occurrence; \$2,000,000 General Aggregate, or its equivalent in Umbrella or Excess Liability Coverage
4. Business Automobile Liability a. Owned/leased vehicles b. Non-owned vehicles c. Hired Vehicles	<u>Combined Single Limit</u> for <u>Bodily Injury</u> and <u>Property Damage</u> of \$1,000,000 per occurrence

Vendor agrees to require, by written contract, that all subcontractors providing goods or services hereunder obtain the same insurance coverages required of Vendor herein, and provide a certificate of insurance and endorsement that names Vendor and City as additional insureds. Vendor shall provide City with said certificate and endorsement prior to the commencement of any work by the subcontractor. This provision may be modified by City's Risk Manager, without subsequent City Council approval, when deemed necessary and prudent, based upon changes in statutory law, court decisions, or circumstances surrounding this agreement. Such modification may be enacted by letter signed by City's Risk Manager, which shall become a part of the contract for all purposes.

As they apply to the limits required by City, City shall be entitled, upon request and without expense, to receive copies of the policies, declaration page, and all endorsements thereto and may require the deletion, revision, or modification of particular policy terms, conditions, limitations, or exclusions (except where policy provisions are established by law or regulation binding upon either of the parties hereto or the underwriter of any such policies). Vendor shall be required to comply with any such requests and shall submit a copy of the replacement certificate of insurance to City at the address provided below within 10 days of the requested change. Vendor shall pay any costs incurred resulting from said changes.

City of San Antonio
 Attn: Finance Department-Purchasing Division
 P.O. Box 839966
 San Antonio, Texas 78283-3966

Vendor agrees that with respect to the above required insurance, all insurance policies are to contain or be endorsed to contain the following provisions:

Name City, its officers, officials, employees, volunteers, and elected representatives as additional insureds by endorsement, as respects operations and activities of, or on behalf of, the named insured performed under contract with City, with the exception of the workers' compensation and professional liability policies;

Provide for an endorsement that the "other insurance" clause shall not apply to the City of San Antonio where City is an additional insured shown on the policy;

Workers' compensation, employers' liability, general liability and automobile liability policies will provide a waiver of subrogation in favor of City; and

Provide advance written notice directly to City of any suspension, cancellation, non-renewal or material change in coverage, and not less than ten (10) calendar days advance notice for nonpayment of premium.

Within five (5) calendar days of a suspension, cancellation or non-renewal of coverage, Vendor shall provide a replacement Certificate of Insurance and applicable endorsements to City. City shall have the option to suspend Vendor's performance should there be a lapse in coverage at any time during this contract. Failure to provide and to maintain the required insurance shall constitute a material breach of this Agreement.

In addition to any other remedies City may have upon Vendor's failure to provide and maintain any insurance or policy endorsements to the extent and within the time herein required, City shall have the right to order Vendor to stop work

hereunder, and/ or withhold any payment(s) which become due to Vendor hereunder until Vendor demonstrates compliance with the requirements hereof.

Nothing herein contained shall be construed as limiting in any way the extent to which Vendor may be held responsible for payment of damages to persons or property resulting from Vendor's or its subcontractors' performance of the work covered under this Agreement.

It is agreed that Vendor's insurance shall be deemed primary and non-contributory with respect to any insurance or self insurance carried by City for liability arising out of operations under this Agreement.

It is understood and agreed that the insurance required is in addition to and separate from any other obligation contained in this Agreement and that no claim or action by or on behalf of City shall be limited to insurance coverage provided.

Vendor and any subcontractors are responsible for all damage to their own equipment and/or property.

Incorporation of Attachments:

Each of the attachments listed below is an essential part of this contract, which governs the rights and duties of the parties, incorporated herein by reference, and shall be interpreted in the order of priority as appears below, with this document taking priority over all attachments:

Attachment A – Price Schedule

006 - GENERAL TERMS & CONDITIONS

Electronic Offer Equals Original. If Vendor is submitting an electronic offer, City and Vendor each agree that this transaction may be conducted by electronic means, as authorized by Chapter 322, Texas Business & Commerce Code, known as the Electronic Transactions Act.

Delivery of Goods/Services.

Destination Contract. Vendor shall deliver all goods and materials F.O.B., City of San Antonio's designated facility, inside delivery, freight prepaid, to the address provided in this RFO or, if different, in the Purchase Order. Vendor shall bear the risk of loss until delivery. Freight charges will be paid only when expedited delivery is requested and approved in writing by City. Vendor shall be responsible for furnishing necessary personnel or equipment and/or making necessary arrangements to off load at City of San Antonio facility, unless otherwise noted herein.

Failure to Deliver. When delivery is not met as provided for in the contract, City may make the purchase on the open market, with any cost in excess of the contract price paid by Vendor, in addition to any other direct, indirect, consequential or incidental damages incurred by City as a result thereof. In addition, Vendor may be removed from City's list of eligible bidders.

Purchase Orders. Each time a City department wishes to place an order against this contract, it will issue Vendor a purchase order. Vendor must have the purchase order before making any delivery.

Acceptance by City. City shall have a reasonable time (but not less than 30 days) after receipt to inspect the goods and services tendered by Vendor. City at its option may reject all or any portion of such goods or services which do not, in City's sole discretion, comply in every respect with all terms and conditions of the contract. City may elect to reject the entire goods and services tendered even if only a portion thereof is nonconforming. If City elects to accept nonconforming goods and services, City, in addition to its other remedies, shall be entitled to deduct a reasonable amount from the price thereof to compensate City for the nonconformity. Any acceptance by City, even if non-conditional, shall not be deemed a waiver or settlement of any defect in such goods and services.

Testing. After award of contract, City may, at its sole option, test the product delivered to ensure it meets specifications. Initial testing shall be at City's expense. However, if the product does not to meet specifications, Vendor shall reimburse City for the costs of testing. City may withhold the cost of testing from any amounts owed to Vendor under this or any other contract, or invoice Vendor for same. If invoiced, Vendor shall pay City within 30 calendar days' of the invoice.

Invoicing and Payment.

Address for Invoices. All original invoices must be sent to: City of San Antonio, Attn: Accounts Payable, P.O. Box 839976, San Antonio, Texas 78283-3976.

Information Required On Invoice.

All invoices must be in a form and content approved by City. City may require modification of invoices if necessary in order to satisfy City that all billing is proper and pursuant to the terms of the contract. Invoices are required to show each City Purchase Order Number. Invoices must be legible. Items billed on invoices must be specific as to applicable stock, manufacturer, catalog or part number (if any). All invoices must show unit prices for each item being billed, the quantity of items being billed and the total for each item, as well as the total for all items on the invoice. If prices are based on list prices basis, then the list prices, the percentage discount or percentage surcharge, net unit prices, extensions and net total prices must be shown. Prompt payment discounts offered shall be shown separately on the invoice.

Payment by City.

In accordance with the Texas Prompt Payment Act, City shall have not less than 30 days to pay for goods or services. Time for payment, including payment under discount terms, will be computed from the later of: (1) the date City receives conforming goods under the contract; (2) the date performance of the service under the contract is completed; or (3) the date City receives a correct and valid invoice for the goods or services. Payment is deemed to be made on the date of mailing of the check. Payment is made in US dollars only.

This provision shall not apply where there is a bona fide dispute between City and Vendor about the goods delivered or the service performed that causes the payment to be late, or where the invoice is not mailed to the address provided herein.

The payment amount due on invoices may not be manually altered by City personnel. Once disputed items are reconciled, Vendor must submit a corrected invoice or a credit memorandum for the disputed amount. City will not make partial payments on an invoice where there is a dispute.

NECESSITY OF TIMELY INVOICE / WAIVER OF PAYMENT. NOTWITHSTANDING THE FORGOING, CITY CANNOT PAY FOR ANY GOODS OR SERVICES WITHOUT AN INVOICE. VENDOR MUST INVOICE CITY NO LATER THAN 90 CALENDAR DAYS FROM THE DATE GOODS ARE DELIVERED OR SERVICES RENDERED. FAILURE TO SUBMIT AN INVOICE WITHIN SAID 90 DAY SHALL NEGATE ANY LIABILITY ON THE PART OF CITY AND CONSTITUTE A WAIVER BY VENDOR OF ANY AND ALL RIGHT OR CLAIMS TO COLLECT MONEYS THAT VENDOR MAY RIGHTFULLY BE OTHERWISE ENTITLED TO FOR GOODS OR SERVICES PERFORMED.

The total price for all goods and/or services is shown on the Price Schedule. No additional fees or expenses of Vendor shall be charged by Vendor nor be payable by City. The parties hereby agree that all compensable expenses of Vendor are shown on the Price Schedule. If there is a discrepancy on the Price Schedule between the unit price for an item, and the extended price, the unit price shall govern.

Amendments. Except where the terms of this contract expressly provide otherwise, any alterations, additions, or deletions to the terms hereof, shall be effected by amendment, in writing, executed by both City and Vendor. The Director of the Purchasing and General Services Department, or Director's designee, shall have authority to execute amendments on behalf of City without further action by the San Antonio City Council, subject to and contingent upon appropriation of funds for any increase in expenditures by City.

Termination.

Termination-Breach. Should vendor fail to fulfill in a timely and proper manner, as determined solely by the Director, its material obligations under this contract, or violate any of the material terms of this contract, City shall have the right to immediately terminate the contract in whole or in part. Notice of termination shall be provided in writing to the Vendor, effective upon the date set forth in the notice. City may, in City's sole discretion, provide an opportunity for Vendor to cure the default. If City elects to offer an opportunity to cure, City shall provide notice to Vendor specifying the matters in default and the cure period. If Vendor fails to cure the default within the cure period, City shall have the right, without further notice, to terminate the contract in whole or in part. Such termination shall not relieve Vendor of any liability to the City for damages sustained by virtue of any breach by Vendor.

Termination-Notice. City may terminate this contract, in whole or in part, without cause. City shall be required to give Vendor notice ten days prior to the date of termination of the contract without cause.

Termination-Funding. City retains the right to terminate this contract at the expiration of each of City's budget periods. This contract is conditioned on a best efforts attempt by City to obtain and appropriate funds for payment of any debt due by City herein.

Termination by City may be effected by Director, without further action by the San Antonio City Council.

Independent Contractor. Vendor covenants and agrees that it is an independent contractor and not an officer, agent, servant or employee of City. City shall not be liable for any claims which may be asserted by any third party occurring in connection with the services to be performed by Vendor under this contract and that Vendor has no authority to bind City. The doctrine of respondeat superior shall not apply as between City and Vendor.

INDEMNIFICATION.

VENDOR covenants and agrees to FULLY INDEMNIFY, DEFEND and HOLD HARMLESS, CITY and the elected officials, employees, officers, directors, volunteers and representatives of CITY, individually and collectively, from and against any and all costs, claims, liens, damages, losses, expenses, fees, fines, penalties, proceedings, actions, demands, causes of action, liability and suits of any kind and nature, including but not limited to, personal or bodily injury, death and property damage, made upon CITY directly or indirectly arising out of, resulting from or related to VENDOR'S activities under this Agreement, including any acts or omissions of VENDOR, any agent, officer, director, representative, employee, consultant or subcontractor of VENDOR, and their respective officers, agents employees, directors and representatives while in the exercise of the rights or performance of the duties under this Agreement. The indemnity provided for in this paragraph

shall not apply to any liability resulting from the negligence of CITY, its officers or employees, in instances where such negligence causes personal injury, death, or property damage. IN THE EVENT VENDOR AND CITY ARE FOUND JOINTLY LIABLE BY A COURT OF COMPETENT JURISDICTION, LIABILITY SHALL BE APPORTIONED COMPARATIVELY IN ACCORDANCE WITH THE LAWS FOR THE STATE OF TEXAS, WITHOUT, HOWEVER, WAIVING ANY GOVERNMENTAL IMMUNITY AVAILABLE TO CITY UNDER TEXAS LAW AND WITHOUT WAIVING ANY DEFENSES OF THE PARTIES UNDER TEXAS LAW. In addition, Vendor agrees to indemnify, defend, and hold City harmless from any claim involving patent infringement, trademarks, trade secrets, and copyrights on goods supplied.

The provisions of this INDEMNITY are solely for the benefit of the parties hereto and not intended to create or grant any rights, contractual or otherwise, to any other person or entity. VENDOR shall advise CITY in writing within 24 hours of any claim or demand against CITY or VENDOR known to VENDOR related to or arising out of VENDOR's activities under this AGREEMENT and shall see to the investigation and defense of such claim or demand at VENDOR's cost. CITY shall have the right, at its option and at its own expense, to participate in such defense without relieving VENDOR of any of its obligations under this paragraph.

Assignment. Except as otherwise stated herein, Vendor may not sell, assign, pledge, transfer or convey any interest in this contract, nor delegate the performance of any duties hereunder, by transfer, by subcontracting or any other means, without the consent of Director. As a condition of such consent, if such consent is granted, Vendor shall remain liable for completion of the services and provision of goods outlined in this contract in the event of default by the successor vendor, assignee, transferee or subcontractor. Any attempt to transfer, pledge or otherwise assign this Contract without said written approval, shall be void ab initio and shall confer no rights upon any third person.

Ownership of Documents. Pursuant to Texas Local Government Code Chapter 201, any and all Records produced by Vendor pursuant to the provisions of this contract are the exclusive property of City; and no such Record shall be the subject of any copyright or proprietary claim by Vendor. The term "Record" as used herein shall mean any document, paper, letter, book, map, photograph, sound or video recording, microfilm, magnetic tape, electronic medium, or other information recording medium, regardless of physical form or characteristic. Vendor understands and acknowledges that as the exclusive owner of any and all such Records, City has the right to use all such Records as City desires, without restriction.

Records Retention.

Vendor and its subcontractors, if any, shall properly, accurately and completely maintain all documents, papers, and records, and other evidence pertaining to the services rendered hereunder ("Documents"), and shall make such Documents available to City at their respective offices, at all reasonable times and as often as City may deem necessary during the contract period, including any extension or renewal hereof, and the record retention period established herein, for purposes of audit, inspection, examination, and making excerpts or copies of same by City and any of its authorized representatives.

Vendor shall retain any and all Documents produced as a result of services provided hereunder for a period of four years ("Retention Period") from the date of termination of the contract. If, at the end of the Retention Period, there is litigation or other questions arising from, involving or concerning these Documents or the services provided hereunder, Vendor shall retain the records until the resolution of such litigation or other such questions. Vendor acknowledges and agrees that City shall have access to any and all such Documents at any and all times, as deemed necessary by City, during said Retention Period. City may, at its election, require Vendor to return the documents to City at Vendor's expense prior to or at the conclusion of the Retention Period. In such event, Vendor may retain a copy of the documents.

Vendor shall notify City, immediately, in the event Vendor receives any requests for information from a third party, which pertain to the Documents referenced herein. Vendor understands and agrees that City will process and handle all such requests.

Severability. If any clause or provision of this contract is held invalid, illegal or unenforceable under present or future federal, state or local laws, including but not limited to the City Charter, City Code, or ordinances of the City of San Antonio, Texas, then and in that event it is the intention of the parties hereto that such invalidity, illegality or unenforceability shall not affect any other clause or provision hereof and that the remainder of this contract shall be construed as if such invalid, illegal or unenforceable clause or provision was never contained herein. It is also the intention of the parties hereto that in lieu of each clause or provision of this contract that is invalid, illegal, or unenforceable, there be added as a part of the contract a clause or provision as similar in terms to such invalid, illegal or unenforceable clause or provision as may be possible, legal, valid and enforceable.

Compliance with Law. Vendor shall provide and perform all services required under this Agreement in compliance with all applicable federal, state and local laws, rules and regulations.

Certifications. Vendor warrants and certifies that Vendor and any other person designated to provide services hereunder has the requisite training, license and/or certification to provide said services, and meets all competence standards promulgated by all other authoritative bodies, as applicable to the services provided herein.

Non-waiver of Performance. Unless otherwise specifically provided for in this Agreement, a waiver by either Party of a breach of any of the terms, conditions, covenants or guarantees of this Agreement shall not be construed or held to be a waiver of any succeeding or preceding breach of the same or any other term, condition, covenant or guarantee herein contained. Further, any failure of either Party to insist in any one or more cases upon the strict performance of any of the covenants of this Agreement, or to exercise any option herein contained, shall in no event be construed as a waiver or relinquishment for the future of such covenant or option. In fact, no waiver, change, modification or discharge by either party hereto of any provision of this Agreement shall be deemed to have been made or shall be effective unless expressed in writing and signed by the party to be charged. No act or omission by a Party shall in any manner impair or prejudice any right, power, privilege, or remedy available to that Party hereunder or by law or in equity, such rights, powers, privileges, or remedies to be always specifically preserved hereby.

Venue. Venue of any court action brought directly or indirectly by reason of this contract shall be in Bexar County, Texas. This contract is made and is to be performed in Bexar County, Texas, and is governed by the laws of the State of Texas.

Non-discrimination. As a condition of entering into this agreement, Vendor represents and warrants that it will comply with City's Commercial Nondiscrimination Policy, as described under Section IILC.1 of the SBEDA Ordinance. As part of such compliance, Vendor shall not discriminate on the basis of race, color, religion, ancestry or national origin, sex, age, marital status, sexual orientation, or on the basis of disability or other unlawful forms of discrimination in the solicitation, selection, hiring or commercial treatment of subcontractors, vendors, suppliers, or commercial customers, nor shall Vendor retaliate against any person for reporting instances of such discrimination. Vendor shall provide equal opportunity for subcontractors, vendors and suppliers to participate in all of its public sector and private sector subcontracting and supply opportunities, provided that nothing contained in this clause shall prohibit or limit otherwise lawful efforts to remedy the effects of marketplace discrimination that have occurred or are occurring in City's Relevant Marketplace. Vendor understands and agrees that a material violation of this clause shall be considered a material breach of this agreement and may result in termination of this agreement, disqualification of Vendor from participating in City contracts, or other sanctions. This clause is not enforceable by or for the benefit of, and creates no obligation to, any third party. Vendor shall include this nondiscrimination clause in all subcontracts for the performance of this contract.

As a party to this contract, Vendor understands and agrees to comply with the *Non-Discrimination Policy* of the City of San Antonio contained in Chapter 2, Article X of the City Code and further, shall not discriminate on the basis of race, color, religion, national origin, sex, sexual orientation, gender identity, veteran status, age or disability, unless exempted by state or federal law, or as otherwise established herein.

Prohibition on Contracts with Companies Boycotting Israel

Texas Government Code §2270.002 provide that a governmental entity may not enter into a contract with a company for goods or services, unless the contract contains a written verification from the company that it:

- (1) does not boycott Israel; and
- (2) will not boycott Israel during the term of the contract.

"Boycott Israel" means refusing to deal with, terminating business activities with, or otherwise taking any action that is intended to penalize, inflict economic harm on, or limit commercial relations specifically with Israel, or with a person or entity doing business in Israel or in an Israeli-controlled territory, but does not include an action made for ordinary business purposes.

"Company" means a for-profit sole proprietorship, organization, association, corporation, partnership, joint venture, limited partnership, limited liability partnership, or limited liability company, including a wholly owned subsidiary, majority-owned subsidiary, parent company, or affiliate of those entities or business associations that exists to make a profit.

By submitting an offer to or executing contract documents with the City of San Antonio, Company hereby verifies that it does not boycott Israel, and will not boycott Israel during the term of the contract. City's hereby relies on Company's verification. If found to be false, City may terminate the contract for material breach.

Delinquent Taxes. In the event that Vendor is or subsequently becomes delinquent in the payment of taxes owed to the City of San Antonio, City reserves the right to deduct any delinquent taxes from payments that City may owe to the delinquent Vendor as a result of this contract.

Binding Contract. This contract shall be binding on and inure to the benefit of the parties hereto and their respective heirs, executors, administrators, legal representatives, and successors and assigns, except as otherwise expressly provided for herein.

Entire Agreement. This contract, including City's final electronically posted online version, together with its authorizing ordinance, and its price schedule(s), attachments, purchase orders, and exhibits, if any, constitutes the final and entire agreement between the parties hereto and contains all of the terms and conditions agreed upon. No other agreements, oral or otherwise, regarding the subject matter of this contract shall be deemed to exist or to bind the parties hereto, unless same be in writing, dated subsequent to the date hereof, and be duly executed by the parties, in accordance with the Amendment provision herein. **Parties agree that City's final electronically posted online version of this solicitation contains the agreed upon specifications, scope of services, and terms and conditions of this contract, and shall control in the event of a conflict with any printed version signed and submitted by Vendor.**

007 - SIGNATURE PAGE

By submitting an offer, whether electronically or by paper, Offeror represents that:

(s)he is authorized to bind Offeror to fully comply with the terms and conditions of City's Request for Offer for the prices stated therein;

(s)he has read the entire document, including the final version issued by City, and agreed to the terms therein;

Offeror is in good standing with the Texas State Comptroller's Office; and

to the best of his/her knowledge, all information is true and correct.

If submitting your offer by paper, complete the following and sign on the signature line below. Failure to sign and submit this Signature Page will result in rejection of your offer.

Offeror Information:

Please Print or Type:

Vendor ID No.: V1026114

Signer's Name: Patrick LeClaire

Name of Business: Rush Truck Center

Street Address: 8922 I.H. 10 East

City, State, Zip Code: Converse, TX 78109

Email Address: leclairep@rushenterprises.com

Telephone No.: 210-380-6772

Fax No.: 210-901-7275

City's Solicitation No.: 6100009569



Signature of Person Authorized to Sign Offer

008 - STANDARD DEFINITIONS

Whenever a term defined by the Uniform Commercial Code ("UCC"), as enacted by the State of Texas, is used in the Contract, the UCC definition shall control, unless otherwise defined in the Contract.

All-or-None Offer - an RFO in which City will award the entire contract to one offeror only.

Alternate Offer - two or more offers with substantive variations in the item or service offered from the same offeror in response to a solicitation.

Assignment - a transfer of claims, rights or interests in goods, services or property.

Bid Bond - security to ensure that Offeror (a) will not withdraw the offer within the period specified for acceptance, and (b) will furnish any required bonds and any necessary insurance within the time specified in the solicitation.

City - the City of San Antonio, a Texas home-rule municipal corporation.

Contractor - the offeror whose offer is accepted by City and is, therefore, the person, firm or entity providing goods or services to City under a contract.

Director - the Director of City's Purchasing & General Services Department, or Director's designee.

Line Item - a listing of items in an offer for which an offeror is expected to provide separate pricing.

Offer - a complete, signed response to an RFO that, if accepted, would bind Offeror to perform the resultant contract.

Offeror - a person, firm or entity that submits an offer in response to a solicitation. The offeror whose offer is accepted by City may also be referred to herein as Contractor, Vendor or Supplier.

Payment Bond - a particular form of security provided by the contractor to protect City against loss due to the contractor's failure to pay suppliers and subcontractors.

Performance Bond - a particular form of security provided by the contractor to protect City against loss due to the contractor's inability or unwillingness to complete the contract as agreed.

Performance Deposit - security provided by the contractor to protect City against loss due to the contractor's inability or unwillingness to complete the contract as agreed.

Pre-Submittal Conference - a meeting conducted by City, held in order to allow offerors to ask questions about the proposed contract and particularly, the contract specifications.

Purchase Order - a validly issued order placed by an authorized City department for the purchase of goods or services, written on City's standard purchase order form, and which is the vendor's authority to deliver to and invoice City for the goods or services specified in an RFO for the price stated in vendor's offer.

Specifications - a description of what City requires and what Offeror must offer; a description of the physical or functional characteristics of a product or material, or the nature of a service or construction item.

Subcontractor - a person, firm or entity providing goods or services to a vendor to be used in the performance of the vendor's obligations under the contract with City.

Supplier - the offeror whose offer is accepted by City and is, therefore, the person, firm or entity providing goods or services to City under a contract.

Vendor - the offeror whose offer is accepted by City and is, therefore, the person, firm or entity providing goods or services to City under a contract.

009 - ATTACHMENTS

Attachment A

PRICE SCHEDULE

ITEM	QUANTITY	DESCRIPTION
1	5	Peterbilt 520 Cab & Chassis with a 28 Cubic Yard Heil Durapak Python Automated Side Loader

PRICE EACH: \$ 317,155.00

TOTAL: \$ 1,585,775

PETERBILT YEAR of CAB & CHASSIS:

2019

PETERBILT CAB & CHASSIS WARRANTY (Must meet minimum warranty requirements stated herein):

5 Year / 250,000 miles

SPECIFIC MAKE & MODEL OF ENGINE OFFERED (INCLUDE SAE NET HP):

ISX 12 350 HP @ 2100 RPM

ENGINE WARRANTY (Must meet minimum warranty requirements stated herein):

5 Year / 300,000 miles

TRANSMISSION WARRANTY (Must meet minimum warranty requirements stated herein):

3 Year

PETERBILT WARRANTY SERVICE PROVIDER FACILITY NAME:

Rush Truck Center

PETERBILT WARRANTY SERVICE PROVIDER FACILITY ADDRESS:

8922 I.H. 10 East

Converse, TX 78109

HEIL BODY WARRANTY (Must meet minimum warranty requirements stated herein):

3 Year

HEIL WARRANTY SERVICE PROVIDER FACILITY NAME:

Heil of Texas

HEIL WARRANTY SERVICE PROVIDER FACILITY ADDRESS:

503 Pop Gunn

San Antonio, TX 78219

PRODUCTION CUT-OFF DATE: N/A

INDICATE THE LAST DAY THAT THE CITY CAN PLACE ORDERS UNDER THIS CONTRACT WITHOUT MISSING THE PRODUCTION CUT OFF DATE: N/A

BID PRICES SHALL REMAIN FIRM FOR ALL ORDERS PLACED PRIOR TO THIS CUT OFF DATE. IN THE EVENT THAT CITY DOES NOT AWARD A CONTRACT PRIOR TO PRODUCTION CUT OFF DATE, CAN BIDDER PROVIDE BID ITEMS, AT THE BID PRICE SUBMITTED, AFTER THE PRODUCTION CUT OFF DATE? (YES/NO) Yes

ITEM	QUANTITY	DESCRIPTION
2	4	Peterbilt 520 Cab & Chassis with a 28 Cubic Yard McNeilus ZR Automated Side Loader

PRICE EACH: \$ 317,569.00

TOTAL: \$ 1,270,276.00

PETERBILT YEAR of CAB & CHASSIS:

2019

PETERBILT CAB & CHASSIS WARRANTY (Must meet minimum warranty requirements stated herein):

5 Year / 250,000 miles

SPECIFIC MAKE & MODEL OF ENGINE OFFERED (INCLUDE SAE NET HP):

ISX 12 350 HP @ 2100 RPM

ENGINE WARRANTY (Must meet minimum warranty requirements stated herein):

5 Year / 300,000 miles

TRANSMISSION WARRANTY (Must meet minimum warranty requirements stated herein):

3 Year

PETERBILT WARRANTY SERVICE PROVIDER FACILITY NAME:

Rush Truck Center

PETERBILT WARRANTY SERVICE PROVIDER FACILITY ADDRESS:

8922 I.H. 10 East

Converse, TX 78109

MCNEILUS BODY WARRANTY (Must meet minimum warranty requirements stated herein):

3 Year

MCNEILUS WARRANTY SERVICE PROVIDER FACILITY NAME:

Fox Truck World

MCNEILUS WARRANTY SERVICE PROVIDER FACILITY ADDRESS:

965 FM 1516 S

San Antonio, TX 78263

PRODUCTION CUT-OFF DATE: N/A

INDICATE THE LAST DAY THAT THE CITY CAN PLACE ORDERS UNDER THIS CONTRACT WITHOUT MISSING THE PRODUCTION CUT OFF DATE: N/A

BID PRICES SHALL REMAIN FIRM FOR ALL ORDERS PLACED PRIOR TO THIS CUT OFF DATE. IN THE EVENT THAT CITY DOES NOT AWARD A CONTRACT PRIOR TO PRODUCTION CUT OFF DATE, CAN BIDDER PROVIDE BID ITEMS, AT THE BID PRICE SUBMITTED, AFTER THE PRODUCTION CUT OFF DATE? (YES/NO) Yes

Prompt Payment Discount: 0 % 0 days. (If no discount is offered, Net 30 will apply.)

CERTIFICATE OF INTERESTED PARTIES

FORM 1295

1 of 1

Complete Nos. 1 - 4 and 6 if there are interested parties.
 Complete Nos. 1, 2, 3, 5, and 6 if there are no interested parties.

OFFICE USE ONLY CERTIFICATION OF FILING

1 Name of business entity filing form, and the city, state and country of the business entity's place of business.
 Rush Truck Center
 Converse, TX United States

Certificate Number:
 2017-279483

Date Filed:
 11/02/2017

2 Name of governmental entity or state agency that is a party to the contract for which the form is being filed.
 City of San Antonio

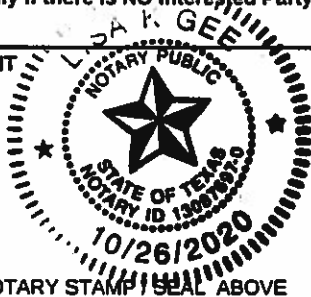
Date Acknowledged:

3 Provide the identification number used by the governmental entity or state agency to track or identify the contract, and provide a description of the services, goods, or other property to be provided under the contract.
 6100009569
 Side Load Refuse Trucks

4	Name of Interested Party	City, State, Country (place of business)	Nature of Interest (check applicable)	
			Controlling	Intermediary

5 Check only if there is NO Interested Party.

6 AFFIDAVIT I swear, or affirm, under penalty of perjury, that the above disclosure is true and correct.



[Handwritten Signature]

Signature of authorized agent of contracting business entity

AFFIX NOTARY STAMP / SEAL ABOVE

Sworn to and subscribed before me, by the said Pat Le Claire, this the 02 day of NOV., 2017, to certify which, witness my hand and seal of office.

[Handwritten Signature] Lisa Gee Sales Coordinator
 Signature of officer administering oath Printed name of officer administering oath Title of officer administering oath