



T H E C I T Y O F
EDINBURG
NOTICE TO BIDDERS

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

Bids will be received until **10:00 a.m. Central Time**, on **Tuesday, November 01, 2011**, shortly thereafter all submitted bids will be gathered and taken to the Edinburg City Hall Community Room, 1st Floor, to be publicly opened and read aloud. Any bid received after the closing time will not be accepted and will be returned to the bidder unopened. It is the responsibility of the bidder to see that any bid submitted shall have sufficient time to be received by the City Secretary's Office prior to the bid opening date and time. The receiving time in the City Secretary's Office will be the governing time for acceptability of the bids. Bids will not be accepted by telephone or facsimile machine. All bids must bear original signatures and figures. The Bid shall be for:

BID NO. 2012-14
BRUSH LOADER

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

LORENA FUENTES, PURCHASING AGENT, LOCATED AT 415 W. UNIVERSITY DRIVE, Edinburg, TX 78541 by calling (956) 388-8972 or by e-mailing your request to the following e-mail address: lfuentes@cityofedinburg.com

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

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

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

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

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

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



415 W. University Drive • P.O. Box 1079 • Edinburg, Texas 78540
Phone (956) 388-8204 • Fax (956) 383-7111



CITY OF EDINBURG INSTRUCTIONS TO BIDDERS

DEVIATION FROM SPECIFICATION

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

PURPOSE

1. The purpose of these specifications/requirements and bidding documents is for the purchase of BRUSH LOADER for the City of Edinburg.

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

SUBMITTAL OF BID

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

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78541
If Mailing Bids: P.O. Box 1079, Edinburg, TX 78540-1079

PREPARATION OF BID

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

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

ALTERATIONS/AMENDMENTS TO BID

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

INSTRUCTIONS TO BIDDERS (Continued):

SALES TAX

State sales tax must not be included in the bid.

SUBSTITUTIONS

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

NO BID RESPONSE

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

EXCEPTIONS

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

DELIVERY

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

DELAY IN SERVICE DELIVERY

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

SERVICE DELIVERED PRICING

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

VALID BID TIME FRAME

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

RIGHT TO REJECT/AWARD

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

MULTIPLE VENDOR CONTRACTS

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

INSTRUCTIONS TO BIDDERS (Continued):

INDEMNIFICATION CLAUSE

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

ADDENDA

Bidder shall carefully examine the bid forms, specifications/requirements, and instructions to Bidders. Should the bidder find discrepancies in, or omissions from bid forms, specifications/requirements, or other documents, or should he/she be in doubt as to their meaning, he/she should at once notify the Purchasing Agent (Edinburg City Hall, 956-388-8972) and obtain clarification by addendum prior to submitting any bid. Explanations, interpretations, and supplemental instructions shall be in the form of written Addenda which shall become a part of the Contract documents. Said Addenda shall be mailed, e-mailed, hand delivered and/or faxed, to all prospective Bidders. All Addenda issued in respect to this project shall be considered official changes to the original bid documents. Verbal statements in response to inquiries and/or requests for explanations shall not be authoritative nor binding. It shall be the Bidder(s) responsibility to ensure that they have received all Addenda in respect to this project. Furthermore, Bidders are advised that they must recognize, comply with, and attach a signed copy of each Addendum which shall be made part of their Bid Submittal. Bidder(s) signature on Addenda shall be interpreted as the bidder's "recognition and compliance to" official changes as outlined by the City of Edinburg and as such are made part of the original solicitation documents. Failure of any bidder to receive any such addendum or interpretation shall not relieve such Bidder from its terms and requirements. Addendums are available online at www.cityofedinburg.com.

PAYMENT

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

SYNONYM

Where in this bid package ITEMS OR SERVICES is used its meaning shall refer to the purchase of BRUSH LOADER as specified.

ASSIGNMENT

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

INTERPRETATIONS

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

INSTRUCTIONS TO BIDDERS (Continued):

STATUTORY REQUIREMENTS

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

BIDDER'S EMPLOYEES

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

RIGHT TO WAIVE

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

COOPERATIVE PRICING

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

TIME ALLOWED FOR ACTION TAKEN

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

PREPARATION OF BID

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

CONFIDENTIAL INFORMATION

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

VERBAL THREATS

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

MATHEMATICAL ERRORS

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

INSTRUCTIONS TO BIDDERS (Continued):

AUDIT

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

PAST PERFORMANCE

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

JURISDICTION

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

VENUE

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

CONFLICT OF INTEREST

CHAPTER 176 OF THE TEXAS LOCAL GOVERNMENT CODE

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

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

AWARD

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

SPECIAL CIRCUMSTANCES

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

INSTRUCTIONS TO BIDDERS (Continued):

TERMINATION OF CONTRACT

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

**CITY OF EDINBURG
REQUEST FOR BIDS FOR
BRUSH LOADER**

BID NO. 2012-14

BID OPENING DATE: November 01, 2011 at 10:00 a.m.

It is the intent of this Request for Bids to describe and ultimately make it possible for the City of Edinburg to purchase the below mentioned **BRUSH LOADER.**

GENERAL REQUIREMENTS AND AGREEMENT FOR BRUSH LOADER:

You are invited to submit a sealed bid for the purchase of ONE (1) **BRUSH LOADER** as requested by the City of Edinburg Department of Solid Waste Management.

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

INTENT:	Initial:
<p>The City of Edinburg owns and operates a Fully Automated Waste Collection Fleet and services 100% of all City Residents and Commercial Establishments. Therefore, time is of the essences; full responses to the bid are needed to fully evaluate the bid. Bidders are to have thoroughly read and understood these specifications prior to bid submission. These specifications are intended to describe a fully automated conventional cab truck with a mounted knuckleboom and a refuse collection dumpbody. The truck shall be capable of self-loading trash and brush and transporting the refuse to a landfill and dispensing the load by means dumping the load from the body. All components and requirements shall be at a minimum as listed in the attached specifications herein describe the minimum acceptable features, performance and operational requirements for a fully automated conventional cab truck with a mounted knuckleboom and a refuse collection dumpbody that the City of Edinburg will purchase for use with its Collection Program.</p>	
GENERAL TERMS:	Initial:
<p>The manufacturer of all equipment provided under this contract shall be ISO 9001-2000 certified. All equipment furnished under this contract shall be new, unused and the same as the manufacturer's current production model. Accessories not specifically mentioned herein, but necessary to furnish complete unit ready for use, shall also be included. Unit shall conform to the best practice known to the body trade in design, quality of material and workmanship. Assemblies, sub-assemblies and component parts shall be standard and interchangeable throughout the entire quantity of units as specified in this invitation to bid. The equipment furnished shall conform to ANSI Safety Standard Z245.1-2008.</p>	

REQUEST FOR BIDS FOR BRUSH LOADER (Continued):

BID QUOTATION:	Initial:		
<p>All bids must be submitted on the City's form provided. Bidders shall complete the specification column with a check mark to indicate if the item being bid is exactly as specified. If an item is left blank, the City will assume the bidder cannot meet the specifications and may cause rejection of the bid. By checking any of the "NO" spaces the bidder states that the product being bid does not conform to that minimum specification. The City of Edinburg Dept. of SWM operates a uniform and standardized fleet which expressly provides for the interchangeability of common and/or singular components and reduces the need for large inventory stock; therefore, all variations and/or exceptions must be documented, referencing applicable paragraph(s), and explained in detail on a separate page titled "Exceptions". Otherwise it will be considered that equipment offered is in strict compliance with these specifications and requirements, and successful bidder will be held responsible therefor. If the City of Edinburg determines by any means that exceptions exist which were not identified on such list, then that bid will be disqualified as being non-responsive. If no exceptions are taken, it will be assumed that the bid meets all specifications as stated. However, no implication is made by THE CITY OF EDINBURG that exceptions will be acceptable. Bidder is advised that the response (or lack thereof) on this question does not take precedence over specific responses or non-responses provided elsewhere in this bid.</p>			
<p>The CITY OF EDINBURG reserves the right to reject any and all bids, the right to waive informalities, and the right to disregard nonconforming or conditional bids or counter bids. It is the intention of THE CITY OF EDINBURG to execute a final, binding Contract with the successful Vendor which incorporates terms and conditions no less onerous than those appropriate to the engagement of a licensed contracting firm in connection with a project/ purchase of this magnitude, nature and importance. If the contract is to be awarded, it will be awarded to the lowest responsible Vendor whose evaluation by the CITY indicates that the award will be in the best interest of CITY OF EDINBURG.</p>			
<u>Cab and Chasis Requirements</u>			
<p>Make: _____ Model: _____ Year: _____</p>			
<u>FRAME</u>	YES	NO	OFFER
Shall have 10-3/4" rails with full steel inner Liner.			
<u>FRONT AXLE</u>	YES	NO	OFFER
Shall be equipped with Front Axle 20,000 lbs			
Shall be equipped with, Taper Leaf Spring, with Shocks 20,000 lbs			
Shall be equipped with Power Steering			

REQUEST FOR BIDS FOR BRUSH LOADER (Continued):

Shall be equipped with Front Drum brakes 16.5x7			
<u>REAR AXLE</u>	YES	NO	OFFER
Shall be equipped with 46,000 lbs rears			
Shall be equipped with differential Locks Both Axles			
Shall be equipped with, Ratio 5.57 rear axle			
Rear Suspension HENDRICKSON 40,000 lbs			
<u>ENGINE</u>	YES	NO	OFFER
The Engine shall have a Maximum of 380 HP			
Shall have an engine protection shutdown			
Alternation 130 amp			
<u>TRANSMISSION</u>	YES	NO	OFFER
Transmission shall be ALLISON fully automatic			
Six Speed Transmission			
<u>AIR</u>	YES	NO	OFFER
Shall have a Bendix air dryer			
<u>TIRES AND WHEELS</u>	YES	NO	OFFER
Front Tire 20ply 315/80R22.5			
Rear Tires 16ply 11R22.5			
Front Rims Aluminum			
Rear Rims steel			
<u>FUEL TANK</u>	YES	NO	OFFER
23" Aluminum 80 gal.			
<u>CAB</u>	YES	NO	OFFER
Cab shall be of Conventional Cab Design			

REQUEST FOR BIDS FOR BRUSH LOADER (Continued):

Cab shall Meet The Following Criteria Must Be An Aluminum Cab			
Air Ride High Back Driver Vinyl Seat			
Air Conditioner/ Heater/ Defroster Factory Installed			
Passenger seat low back vinyl. Non-air			
Inside the cab Color is Grey			
Outside color is white			
Radio AM/FM			
Back up Alarm			
2 CONVEX 8" MIRROR			
SSTL Mirrors each side			
1 air horn Lift hand side of cab			
<u>Basic chassis Requirements for Mounting of Grapple Loader</u>	YES	NO	OFFER
2,136,000 RBM minimum			
74,000 GVWR minimum			
14,000 GVW front minimum			
40,000 GVW rear minimum			
171" Cab To Trunnion Dimension			
10'8" of after frame minimum			
Horizontal tailpipe extended 6 ft past the back of the cab			
Exterior grab handles on both sides of cab			

REQUEST FOR BIDS FOR BRUSH LOADER (Continued):

<u>Minimum Grapple Truck Requirements</u>	YES	NO	OFFER
Unit must be purpose designed and built for collecting and hauling trash in neighborhoods and on streets. Items to be collected could include brush, bulky items, C & D, sidewalk, etc.			
Units to have a minimum haul capacity of 30,000			
Units to have a minimum lift capacity of 2,200 lbs, fully extended, with the weight of attachments already subtracted, and at 85% of tipping moments.			
Unit to have a minimum reach of 20 ft. from center of boom rotation to center of bucket rotation			
Unit to meet Federal highway standards and any applicable ANSI Z245.1 standards.			
Total height of unit not to exceed 12'6" with open bucket resting on body floor.			
Grapple loader assembly to be capable of reaching at least 9 ft. below grade over the side for reaching items in ditches.			
Grapple loader and body must be fabricated and installed at the same factory.			
Grapple loader model bid should have been in production for at least 15 years to assure longevity of unit design, and manufacturer experience and commitment.			
<u>Pedestal Assembly</u>	YES	NO	OFFER
To be open A-frame type to allow flexing under repeated load shocks.			
Pedestal legs are to be constructed of low carbon steel structural tubing for increased ductility, and reduced risk of fracture.			
Spindle to be single piece of high strength solid steel (ASTM 4140) turning in (ASTM-D4020-81) cast nylon bearings. Welded spindle/head assembly is to be stress relived prior to installation.			
Model SAI 1250/150: Boom rotation to be accomplished by a direct drive 270 degree planetary gearbox with radial piston hydraulic motor. Model SAI 1250/150, with a maximum torque rating of 150,000 in. lbs. This enclosed gearbox must be 100% oil bath which eliminates the lubrication labor and the metal-to-metal wear found in open, exposed pinion and bull gear design.			

REQUEST FOR BIDS FOR BRUSH LOADER (Continued):

To prevent spindle bending moment's from being transmitted to rotary actuator, the actuator must be mounted by means of a double torque arm assembly which will allow the actuator to "float" in its mounting and maintain proper alignment.			
For ease of maintenance all hoses between boom tubing and control valves are to be plumbed in front of pedestal.			
Maximum of 20 boom rotator bolt are to be torque every 40 hours to 500 ft. lbs, dry threads. All rotator bolts shall be easily accessible for this procedure, and not require the removal of any covers.			
<u>Boom Construction</u>	YES	NO	OFFER
Main boom to be twin boom style with two ea. 4" x 8" x 3/8" thick high tensile steel tubs.			
Twin boom tubes shall be connected to each other only at their center line to allow a shock absorbing flexing action of the boom.			
Main boom hydraulic cylinder must have a minimum 1,200 psi down pressure for compacting loads.			
Tip boom shall have 4 ft. extendable/retractable telescopic boom.			
Tip boom and telescopic boom must have mechanical stops to prevent cylinder stress.			
The inside of the tip boom must be separated from the outside of the telescopic boom by replaceable cast oil-impregnated nylon wear blocks on all sides to prevent metal-on-metal wear.			
Telescopic boom must be supported on the bottom by a metal roller.			
Tip boom shall have auto-hose-slack-takeup, which is to be enclosed inside steel box for protection. Steel box to have easily removable cover for maintenance.			
Boom connection points must be equipped with replaceable cast, oil impregnated nylon or bronze brushings.			
Boom connection points shall be equipped with a 2" bolt with castellated nut to prevent spreading of the connection pivot point.			
All grease fittings on boom shall be screw in type. Press in are no acceptable.			

REQUEST FOR BIDS FOR BRUSH LOADER (Continued):

<u>Lift Capacity</u>	YES	NO	OFFER
Load radius is to be measured form the center of boom rotation to the center of bucket rotation. Capacitates shown must not exceed 85% of vehicle tipping moment, with outriggers fully extended on firm, level ground. Weight of bucket and/or attachments must be subtracted from lift capacities shown to calculate remaining lift capacity.			
At a 10 ft. radius the boom must be capable of lifting 7,100 lbs.			
At a 6 ft. radius the boom must be capable of lifting of 4,400 lbs.			
At a 20 ft. radius the boom must be capable of lifting 3,200 lbs.			
<u>Trash Grapple Bucket</u>	YES	NO	OFFER
Bucket to be actuated by a single double-acting cylinder.			
Single cylinder is to be located so that it requires no additional guards.			
The bucket shall be capable of continuous rotation with no need for physical stops.			
Bucket rotator to have 5,500 in. lbs. torque rating.			
Bucket must have the capability to be rolled over on the load without damage to any components. This allows a maximum load and keeps the boom height within acceptable limits.			
3/16" plate, smooth steel clamshell scoop sides for containing loose debris.			
Bucket end plates are to be minimum 5/8" thick and of A-572 grade 50 steel.			
Bucket to have a minimum of 5 ribs per side to handle branches, logs, and appliances.			
Bucket designed to incorporate a trample ram in the center for compressing trash in body.			
The bucket is to be 4 ft. long, and open to a width of 5 ft. between pickup blades.			
Anti-scalping bucket sides are to be pivot mounted to provide a horizontal closing action rather than a vertical digging motion.			

REQUEST FOR BIDS FOR BRUSH LOADER (Continued):

Scooping sides are to be mechanically linked to a single hydraulic cylinder so that both sides close together.			
All hydraulic hoses for bucket function will terminate at bucket rotator and shall be wrapped with a rubberized coil for added protection.			
Bucket shall have replaceable hardened steel cutting edges/blades. Blades shall bolt on.			
<u>Power Source</u>	YES	NO	OFFER
To be transmission mounted PTO coupled directly to the hydraulic pump (no drive shafts)			
For vehicles with an automatic transmission, the power source shall be a "Hot Shift" PTO. For vehicles with a manual transmission and air brakes, the power source must be an "Air Shift" PTO. for vehicles with a manual transmission and hydraulic brakes, the power source must be a "Cable Shift" PTO.			
Must be equipped with overspeed protection (with the exception of manual transmission)			
<u>Hydraulic Components</u>	YES	NO	OFFER
Reservoir is to be 60 gallon baffled tank with extremely mounted suction and return filters and cutoff valves for ease of service. To include a sight gauge with a thermometer and a vent filter.			
All cylinders are to be double acting with chromed rods and aluminum pistons.			
Main boom lift cylinder to be 5" x 32" with a 2 ½" shaft			
Tip boom lift cylinder is to be 5" x 32" with a 2 ½" shaft			
Main boom cylinder and tip boom cylinder are to be interchangeable to reduce the need for additional parts inventory			
Tip extension cylinder is to be trunnion mounted to cushion against twisted and reduce cylinder wear.			

REQUEST FOR BIDS FOR BRUSH LOADER (Continued):

Tip Extension cylinder is to be 2" x 48" with a 1 ¼" shaft.			
Control valves are to be Gresen stack type with port reliefs.			
Counter balance valve is to be installed on Main Boom Cylinder to prevent collapse in case of hose rupture.			
Counterbalance valve is to be installed on tip boom cylinder to prevent collapse in case of hose rupture.			
Counter balance valve is to be installed on tip extension cylinder to prevent collapse in case of hose rupture.			
Pilot operated check valves are to be installed on vertical outrigger cylinder to prevent leak down.			
Pump to be tandem Parker P-20			
Hydraulic lines to run between twin booms and in tip boom shall be JI C mechanical tubing with 12,000 PSI working pressure.			
All hydraulic hoses used are to be high tensile steel wire braided hoses with 4,000 psi working pressure.			
Main relief is to be set at 2,500 psi max.			
All cylinders shall be hard piped. Loose hoses are a snagging hazard and therefore unacceptable.			
<u>Operator Controls</u>	YES	NO	OFFER
Engine is to be programmed for the proper rpm level and activated by a marine type switch at the operator's station.			
Operator station is located on a stationary platform above the truck cab. The control valves are mounted under the seat, with the control handles between the operator's legs for easy access. A ladder, safety railing, padded seat with arm rests, and seat belt are provided.			
Controls are to be greaseless for operator comfort and to prevent freezing. They shall not require lubrication.			
Joystick (top mount): Two mechanical six function joysticks located on either side of the operator seat control loader operation. Outrigger controls are located to the left of the operator seat.			
Outrigger controls are to be located to the left of the operator station.			

REQUEST FOR BIDS FOR BRUSH LOADER (Continued):

	<u>Outrigger Stabilizers</u>	YES	NO	OFFER
	Outriggers shall telescope horizontally in and out; and vertically up and down.			
	Outriggers functions shall operate independently of each other, in and out, and up and down, on both sides for custom placement			
	Outriggers to be equipped with large steel pads with a minimum surface area of 140 square inches to spread pressure evenly over pavement and keep pads from sinking or breaking through pavement.			
	Outriggers must telescope out and down to reach a horizontal distance of 11'8" between outer edges.			
	Outriggers must retract to within maximum highway width.			
	Down cylinder must be mounted inside horizontal outriggers legs for protection.			
	Horizontal outrigger movement to be powered on each side by a hydraulic cylinder with a bore of 2 in. and in a stroke of 20 in.			
	Horizontal telescopic outrigger inner and outer tubing shall be separated by cast oil-impregnated nylon bearings on all four sides to eliminate metal on metal contact and reduce wear.			
	Vertical movement to be provided on each side by a hydraulic cylinder with a bore of 3 in. and a stroke of 22 in.			
	<u>Paint and Accessories</u>	YES	NO	OFFER
	Entire loader shall be cleaned and primed prior to paint application.			
	Loader to be painted manufacture's standard.			
	Bucket to be manufacture's standard black.			
	Loader is to be equipped with a boom up sensor, which shall include both an indicator light and an audible alarm installed in cab of truck to warn driver when boom is above legal travel height of 13'6"			
	<u>Loader Warranty</u>	YES	NO	OFFER
	Loader to be warranted for one year hydraulic. Copy of warranty is to be submitted with bid.			
	Loader to be warranted for 3 years on major structural components.			

REQUEST FOR BIDS FOR BRUSH LOADER (Continued):

<u>Trash Dump Body Dimensions and Specs</u>	YES	NO	OFFER
Body is to be 22 ft long.			
Body capacity is to be a minimum of 45 cubic yards.			
Body floor to be constructed of a single sheet of ¼" smooth steel plate.			
Body floor plate is to be 91" wide and 22 ft. long and continuously welded to sides and headboard.			
Headboard to be constructed of 3/16" steel.			
Headboard to be 52" high measured inside from floor to top.			
Top rail of headboard to be formed 3" x 4" 10 gauge steel.			
Body sides are to be constructed of 10 gauge smooth steel sheets.			
Front portion of body side to be 52", high measured inside from floor to top, angling up to 96" at the 4 th side post and continuing at 96" for remainder of body and rear doors.			
Top of body sides to be formed with a right angle outward bend to be used as part of the top rail construction. A formed 3" x 4" 10 gauge formed channel is to be layered with this portion of the side and continuously welded to it to form the top rail.			
The top surface of the top rail shall be at least ¼" thick.			
Side construction shall be smooth all the way to the bottom with no 90° angles on lower portion of body sides to prevent collection of water and corrosion.			
Side posts to be constructed of 3" x 4" 10 gauge formed channel.			
There shall be 3 posts on the headboard on 11 posts on each side, not including the corner posts.			
Side posts shall be on 24" centers so that they align with cross members.			
Rear corner post shall be ¼" formed plate that is trapped from a 4" width at the top, to a 12" width at the bottom to prevent side flareout			
The bottom of each side post shall be completely open to allow maximum drainage.			
Cross members are to be constructed of 4 x 5.4 lbs/ft structural channel on 12" centers.			
Barn doors shall be fitted on the rear of the body with provision to swing each door completely around to the side and latch open for dumping.			

REQUEST FOR BIDS FOR BRUSH LOADER (Continued):

Each door must have 3 hinges.			
Each hinge shall be constructed of 3 steel plates 2 ea. 5/8" plate welded on the body, and 1 ea. 3/4" plate welded on the door, all connected with a 3/4" steel pin.			
Hinges shall be designed so as to not require lubrication			
A positive lock shall be provided at the top and bottom for locking doors closed.			
Doors to be fabricated from 10 gauge steel and must have an all around outside frame with one center upright post per door.			
6" wide, 3/16" steel plate continuously welded between body floor and sides at a 45° angle. An excellent option for everybody, reinforcement plates can greatly increase the life span of a body.			
<u>Body Dump Hoist</u>	YES	NO	OFFER
To be center mounted dual telescopic hoist.			
Hoist must have a minimum capacity of 36 tons.			
Hoist must be power up and power down to save time.			
Hoist must raise the body to a minimum 45° dump angle without the rear of the body touching the ground.			
<u>Body Paint & Accessories</u>	YES	NO	OFFER
Entire body is to be abrasive blasted prior to paint application.			
Outside of body is to receive 1 coat of high grade primer and 2 coats of high grade enamel, manufacturer's standard black.			
Lights, reflectors and mudflaps must meet Federal standards.			
There is to be an additional set of brake lights mounted on the upper rear corner post.			
Clearance lights are to be flush, grommet mounted and shock resistant.			
Safety rear bumper/Under-ride is to be constructed of 3" x 4" x 3/16" rectangular tubing.			
Body prop is to be included.			
There shall be an additional set of turn signals mounted mid-body.			

REQUEST FOR BIDS FOR BRUSH LOADER (Continued):

Steel ladder mounted at front of body side. Tops of rungs constructed of non-skid material.			
Dual Preco strobe mounted on top of the head assembly.			
WARRANTY:			
<p>Specify: Cab & Chasis _____</p> <p>Specify: Refuse Body _____</p> <p>Specify: Hydraulics _____</p> <p>Specify: Pistons _____</p> <p>Extended Warranty: Cab & Chasis _____</p> <p>Cost: _____</p> <p>Extended Warranty: Specify: _____</p> <p>Cost: _____</p>			
MANUALS:			
Two sets each of parts manuals, videos, operator's manuals, and service manuals.			
DELIVERY, SETUP AND TRAINING:			

REQUEST FOR BIDS FOR BRUSH LOADER (Continued):

	<p>The unit shall be delivered to the CITY OF EDINBURG Department of Solid Waste Management located at 8601 NORTH JASMAN Rd, EDINBURG TEXAS 78540 and set up to work at the selling dealer's expense. Training on proper operation and maintenance of the unit shall be conducted over a two (2) day period and shall not be less than twelve (8) hours.</p>			
	<p>MACHINE AVAILABILITY GUARANTEE:</p>			
	<p>In the event of a warrantable failure of the unit, the Successful bidder shall guarantee to repair the unit to an operating condition within 24 hours, excluding weekend and holidays, from the time of arrival at the Successful bidders location. This warranty shall remain in effect for any warrantable repair for the warranty period listed above. If the Successful bidder cannot comply with this condition, a comparable machine shall be provided at no cost until the repairs are complete. If no machine is available, a daily rental credit payment of \$500 shall accrue until repairs are completed. Details of this warranty shall accompany the bid.</p>			
	<p>PARTS and SERVICE AVAILABILITY GUARANTEE:</p>			
	<p>The Successful bidder shall guarantee that factory-warranted parts and service are available directly from the equipment manufacturer/dealer within 30 miles of the CITY. If the CITY orders a new part necessary to operate the machine and the successful bidder does not have the part available or give reasonable notice that the part is available for pickup at the location ordered within 24 hours, excluding weekends and holidays, the successful bidder shall furnish the part to the CITY at no cost. Parts covered by this guarantee shall be ordered from the successful bidder's parts department during normal working hours. This guarantee shall not apply when parts ordered from the successful bidder in connection with service work in progress. Detail of this guarantee shall accompany the bid.</p>			
	<p>FIVE YEAR GUARANTEED REPURCHASE PROVISION:</p>			
	<p>The CITY may return the machine to the Successful bidder and the Successful bidder agrees to repurchase the machine, at the guaranteed repurchase price within five (5) years from the date of delivery. The CITY agrees that the machine will be in operating condition at the time of the repurchase. The Successful bidder shall provide a quoted repurchase price for the machine.</p>			

REQUEST FOR BIDS FOR BRUSH LOADER (Continued):

<u>Dump Body Warranty</u>			
Entire body is to have a 3 year structural warranty. Copy of warranty is to be included with bid.	YES	NO	OFFER

REQUEST FOR BIDS FOR BRUSH LOADER (Continued):

Company Name:			
Printed Name of Person Submitting Bid:			
Street Address:			
County, State:			
Zip:			
Phone Number: ()			
Fax Number: ()			
E-mail Address:			
	Make & Model:	\$	
	Warranty: Specify	\$	
	Warranty: Specify	\$	
	Warranty: Specify	\$	
	Total Cost of Equipment :	\$	
	Delivery time after award:		

REQUEST FOR BIDS FOR BRUSH LOADER (Continued):

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

Respectfully submitted this _____ day of _____, 2011.

SIGNATURE: _____

TYPE/PRINT NAME: _____

TITLE: _____

COMPANY: _____

ADDRESS: _____

TELEPHONE NO.: _____

FAX NO.: _____

EMAIL: _____