



AGENDA REPORT

Meeting Date: December 4, 2012
Item Number: F-16
To: Honorable Mayor & City Council
From: Fred Simonson, Maintenance Operations Manager
Rene Biadoma, Fleet Manager
Subject: APPROVAL OF A PURCHASE ORDER TO "TRANSWEST TRUCK CENTER, LLC" FOR A TOTAL NOT-TO-EXCEED AMOUNT OF \$238,327.06 FOR PURCHASE OF TWO (2) 6 CUBIC YARD (CY) REAR LOADER SOLID-WASTE-COLLECTION VEHICLES
Attachment: 1. Price Proposal from Transwest Truck Center, LLC

RECOMMENDATION

Staff recommends that the City Council approve a purchase order in the not-to-exceed amount of \$238,327.06 to Transwest Truck Center, LLC ("Vendor") for the purchase of two (2) subject vehicles.

INTRODUCTION

This report constitutes a request for City Council approval to issue a purchase order in the not-to-exceed amount of \$238,327.06 to "Vendor" for purchase of two (2) 6-CY Rear Loader Solid-Waste-Collection Vehicles to replace and upgrade two (2) job-worn residential solid-waste-collection vehicles.

DISCUSSION

Following an annual review of the City's vehicle and equipment fleet and in conjunction with the annual evaluation of the City's Solid-Waste-Collection Program, Fleet Services staff has determined that the below-listed residential solid-waste-collection vehicles have either met or exceeded their life expectancies and, therefore, are eligible for replacement:

<u>ID #</u>	<u>YEAR/MAKE/MODEL</u>	<u>PROGRAM NO. / DESCRIPTION</u>
220	2002 Chevrolet 3500HD	8305201 / Solid Waste Residential
656	2003 Isuzu JWS042NPR	8305201 / Solid Waste Residential

After a joint deliberation with Solid-Waste Division staff, it was decided to replace and upgrade these worn residential solid-waste-collection vehicles with mid-size rear-loader vehicles that have compaction capabilities. The primary objectives for replacing the flat-bed trucks with rear-loader vehicles are twofold: 1) A rear-loader vehicle can achieve 300% greater efficiency in collecting bulk waste by crushing large objects and pushing them inside its body cavity with its hydraulic compactor mechanism. As the name implies, a flat-bed truck is just a truck with an open and flat floor with an enclosure around it - cargoes loaded are left whole; 2) A rear-loader truck sits lower than a flat-bed truck; therefore, collection crews can easily load trash by hand or by using the vehicle's loading mechanism. Additionally, this unit is relatively small enough to effectively function in narrow alleyways and congested areas of the City.

Procurement staff conducted a formal-bid solicitation by publishing "Bid 13-16" on the City's website. Once published, the bid document became visible to vendors via their bid search engines, such as "BidPlanet" or "BidNet." After three weeks of exposure, this formal-bid solicitation garnered only one proposal. Staff evaluated this single proposal and determined that the proposal submitted by "Vendor" is a responsible bid with a price proposal that is within the fair-market value for this type of equipment.

Staff recommends the approval of a purchase order in the not-to-exceed amount of \$238,327.06 to Transwest Truck Center, LLC for the purchase of two (2) 6-CY Rear Loader Solid-Waste-Collection Vehicles.

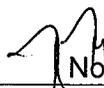
FISCAL IMPACT

Details of this purchase are shown in Attachment (1) and are summarized below:

One (1) 6-CY Rear Loader Solid-Waste-Collection Vehicle as specified in the City of Beverly Hills' bid specification "Bid 13-16" (Attachment 1)	\$107,928.00
2-year warranty for loading equipment	\$1,638.00
Subtotal	\$109,566.00
Tax (8.75%)	\$9,587.03
Tire Fee	\$10.50
Unit Total:	\$119,163.53
Purchase Total (2X):	\$238,327.06

Funding for this purchase is appropriated from the Fiscal Year 2012-2013 Council-approved budget source:

Budget Unit	Program # / Description of Fund Source	Account #	Amount
49	35498502 / Vehicle Replacement	85050	\$238,327.06


 Noel Marquis
 Approved By


 David D. Gustavson
 Approved By

Attachment 1



ATTACHMENT (1)

CITY OF BEVERLY HILLS

RECEIVED
CITY OF BEVERLY HILLS

DEPARTMENT OF PUBLIC WORKS & TRANSPORTATION

2012 NOV -8 P 3:00

CITY CLERK'S OFFICE

BID SUMMARY SHEET

BID NUMBER: 13 - 16

BID TITLE: TRUCK, REFUSE-COLLECTION, 6-CY REAR LOADER

BID OPENING DATE & TIME: November 8, 2012 @ 2:00 PM

REQUIRED DOCUMENTS: Sealed bids

CITY CLERK REP:

DEPARTMENT REP: Rene

	VENDORS NAME	Bid Price Proposals
1.	TRANS WEST TRUCK CENTER	\$107,928.00
2.		
3.		
4.		
5.		
6.		
7.		
8.		



BID PACKAGE



ORIGINAL

CITY OF BEVERLY HILLS
OFFICE OF THE CITY CLERK
455 NORTH REXFORD DRIVE
BEVERLY HILLS, CALIFORNIA
90210 (310) 285-2440

LEGAL NOTICE - BIDS WANTED

Sealed proposals are requested on the list of materials, supplies, equipment or services set forth herein, subject to all conditions outlined in the Proposal Document, including:

- SECTION I:** REQUEST FOR BIDS
- SECTION II:** GENERAL INFORMATION AND INSTRUCTION
- SECTION III:** DETAIL SPECIFICATIONS
- SECTION IV:** BID FORM

(IF YOU CHOOSE NOT TO SUBMIT A BID, PLEASE COMPLETE PAGE)

Sealed proposals will be received only at the Office of the City Clerk, 455 North Rexford Drive, Beverly Hills, until 2:00 p.m. local time, on the dates hereinafter stated at which time they will be opened and publicly read for furnishing the materials, supplies, equipment or services or for supplying the materials, and/or providing labor for the repair, construction or improvement as the case may be, as indicated by the items hereunder listed and in accordance with the applicable specifications.

SECTION I – REQUEST FOR BIDS

Date of Request: **OCTOBER 22, 2012**

Bid Number: **13-16**

Item Description: **TRUCK, REFUSE-COLLECTION, 6-CY REARLOADER**

Bid Opening: **NOVEMBER 08, 2012 @ 2:00 PM**

All bids must be delivered by the specified opening time of the bid. Bids arriving after the specified hour will not be accepted. Mailed bids, which are delivered after the specified hour will not be considered regardless of postmarked time on the envelope. All bids must be in writing and must contain an original signature by an authorized officer of the firm - Electronic bids (telephone, FAX, etc.) are **NOT** acceptable.

BID DEPOSIT - NONE REQUIRED WITH THIS BID
PERFORMANCE BOND AND PAYMENT BOND - NONE REQUIRED WITH THIS BID.
THE CITY RETAINS THE RIGHT TO REJECT ANY AND ALL BIDS WITHOUT CAUSE
AND/OR ELECT NOT TO AWARD A BID.

CITY OF BEVERLY HILLS ("CITY")
SECTION II - GENERAL INFORMATION AND INSTRUCTION

1. Bid deposits of unsuccessful bidders will be returned after the bid has been awarded. A successful bidder's bid deposit will be returned after he has entered into a written contract, or after a performance bond, if required, has been executed and accepted by the City.
2. The vendor's proposal may be withdrawn at any time prior to the bid opening. No proposal may be withdrawn after the bid opening. Violation of this policy may cause forfeiture of the bid deposit and removal from qualified Bidder's List.
3. Bidders are advised to become familiar with all conditions, instructions and specifications governing this bid. Once the award has been made, a failure to have read all the conditions, instructions and specifications of this contract shall not be cause to alter the original contract or for vendor to request additional compensation.
4. Bidders agree to defend and save the City from and against all demands, claims, suits, costs, expenses, damages and adjustments based on any infringement of any patent relating to goods specified in this contract.
5. Successful bidder shall not assign the contract, or subcontract the whole or any part of the contract without written consent of the City. Such consent shall neither relieve the bidder from his obligation nor change the terms of the contract.
6. The City shall have the right to inspect any material specified herein. Equipment, supplies or services that fail to comply with the specifications herein regarding design, material or workmanship are subject to rejection at the option of the City. Any materials rejected shall be removed from the premises of the City at the expense of the vendor.
7. Bidder shall state the nature and period of any warranty or guarantee. Manufacturer's specifications shall be submitted with the bid and shall be considered a part of this contract where such specifications meet the minimum of the City specifications.
8. Each bidder shall submit in full this completed original BID DOCUMENT and all necessary catalogues, descriptive literature, etc., needed to fully describe the materials or work he proposes to furnish.
9. Bidders shall state the delivery date for commodities in terms of calendar days after notification of award. Where the contract calls for performance of labor, the bidder shall also state the number of calendar days required for completion after notification of award.
10. Cash discounts shall be considered in the evaluation of the bids, except that payment periods of less than thirty (30) days will not be considered in award of this bid. Where cash discounts are offered, the discount date shall begin with the invoice date or delivery date to the City, whichever is later.

11. Upon the award of the bid to the successful bidder, if insurance is required by the terms of this bid, the City will require evidence of such coverage be furnished within fourteen (14) days of notification of bid award. The amounts and types of coverage will be specified in Section IV of this bid. **All insurance forms must be in a format acceptable to the City.**
12. The Contractor agrees to indemnify, defend and hold harmless the City, City Council and each member thereof, and every officer, and employee of the City, from any liability or financial loss including, without limitation, attorneys fees and costs, arising in any manner whatsoever from any intentional, reckless, negligent, or otherwise wrongful acts, errors or omissions of Contractor, or any person employed by Contractor, including agents and independent contractors, in the performance of this agreement.
13. Every supplier of materials and services and all contractors doing business with the City shall be an "Equal Opportunity Employer" as defined by Section 2000 (E) of Chapter 21, Title 42 of the United States Code Annotated and Federal Executive Orders #11375, and as such shall not discriminate against any other person by reason of race, creed, color, religion, age, sex or physical or mental handicaps with respect to the hiring, application for employment, tenure, terms or conditions or employment of any person.
14. Prices quoted herein must be firm for a period of not less than ninety (90) days after date of bid opening.
15. Bids calling for other than a "lump sum" total bid may be awarded by single item, by groups of items, or as a whole, as the City deems to be in the best interest of the City.
16. The City will be the sole and exclusive judge of quality, compliance with bid specifications or any other matter pertaining to this bid. The City reserves the exclusive right to award this bid in any manner it deems to be in the best interest of the City.
17. Quantities specified in Section III are approximate only, the City reserves the right, within the period for delivery to increase or decrease the quantity ordered and upon mutual agreement after the period specified for delivery, order additional quantities of items bid.
18. "Contractor shall cooperate with the City in all matters relating to taxation and the collection of taxes. It is the policy of the City to self-accrue use tax associated with its own purchases. The City requests that its contractors self-accrue their use tax, **when applicable**, and report the use tax to the State Board of Equalization with a City-assigned permit number. The City's own use tax which is self-accrued by the City will be remitted to the State of California pursuant to the City's permit with the State Board of Equalization."
19. For any questions regarding this bid, please contact Rene Biadoma at (310) 285-2484 or Craig Crowder at (310) 285-2490.

SECTION III – DETAILED SPECIFICATIONS

SUBSECTION A - TECHNICAL NOTES

IN EVENT OF CONFLICT, THE FOLLOWING SPECIFICATIONS SHALL PREVAIL OVER GENERAL INSTRUCTIONS CONTAINED ELSEWHERE IN THIS BID.

IMPORTANT NOTICE - THIS SECTION III, SUBSECTION A, COMPLETED WITH REQUIRED INFORMATION AND/OR BIDDER'S EXCEPTIONS MUST BE ATTACHED TO AND RETURNED WITH SECTION IV - BID FORM.

BIDDER MUST EXPLAIN IN DETAIL ALL ITEMS OFFERED WHICH DO NOT CONFORM TO SPECIFICATIONS CONTAINED HEREIN. IF NO EXCEPTIONS ARE LISTED, IT WILL BE ASSUMED BIDDER IS BIDDING "AS SPECIFIED."

SPECIFICATIONS FOR A NEW 6-CY REARLOADER
REFUSE-COLLECTION TRUCK

BIDDERS EXCEPTIONS

SECTION A: TRUCK, CAB & CHASSIS

I. GENERAL

- a) It is the CITY's goal to standardize its fleet in order to maximize operational and maintenance efficiency. Specific make or model listed herein is specifically intended to attain that goal.
- b) The refuse-collection truck with a rearloader body is intended to be used in collecting both loose and/or canned bulk solid-waste items from City' residential and business districts.
- c) This truck will be required to operate under varied and extreme conditions, including ambient temperatures reaching as high as 110 degrees Fahrenheit and roads or streets with as much as eight (8) percent grade.
- d) Cab & Chassis shall be a Ford F-550XL, DRW, with regular cab design and rated for the intended application. Specify:

MANUFACTURER: FORD

YEAR/MODEL: 2013 F-550 XL, DRW

II. ADDITIONAL VEHICLES

- a) The City reserves the right to order one (1) or more additional vehicles under the same terms, conditions and specifications of the bid, not to exceed a total of two (2) units. Any such orders

AS SPECIFIED

BIDDER'S EXCEPTIONS

may be placed under separate Purchase Order within in twelve (12) months of award of this bid. Unit pricing of any and all additional vehicles ordered under this provision shall not exceed the awarded total unit bid price plus any documented price increases from the vehicle or body manufacturers.

AS SPECIFIED



III. DIMENSIONS

- a) Front and rear axle loading shall be the maximum allowable weights for the application and for operation on California roads and highways. State the following:

Front axle load: 7,000 FA RATING LBS

Rear axle load: 13,660 RA RATING LBS

- b) Expected GVW Capacity: 19,500 LBS

- c) Expected curb (TARE) weight: 6,808 ESTIMATED LBS

- d) Expected maximum load: CHASSIS ONLY 12,355 EST. LBS

- e) Wheelbase and CA shall be determined by bidder. Both dimensions shall be the most appropriate for the application and shall be as compact as possible. State the following:

Wheelbase: 165 INCHES

CA: 84 INCHES

IV. INTERIOR FEATURES

- a) Air Conditioning – Manual Temperature Control
- b) Cup holders - dual instrument panel mounted
- c) Dome Lamp – door-activated instrument panel switch operated with delay
- d) Door Trim – armrest/grab handle and reflector
- e) Floor Covering - black vinyl
- f) Grab handles – driver and front passenger and roof ride handles; front passenger (also over rear doors with Crew Cab)
- g) Headliner – color coordinated cloth
- h) Instrument Cluster - multifunction message center plus trip computer
- i) Instrumentation with tachometer and Message Center
- j) Instrument panel

AS SPECIFIED



AS SPECIFIED



BIDDER'S EXCEPTIONS

- k) Map lights – dual (front and rear with Crew Cab
- l) Power Equipment - accessory delay
- m) Power Equipment - door locks and windows with one-touch down driver window
- n) Power point - auxiliary, 2 , instrument panel mounted
- o) Rearview Mirror - 11.5" day/night
- p) Steering Wheel - Black Vinyl
- q) Storage – secondary glove box
- r) Sun visors - color coordinated vinyl, single driver with pocket, single passenger with mirror insert
- s) Tilt/Telescoping steering wheel
- t) Upfitter switches located on instrument panel (4)
- u) Windshield wipers – interval control
- v) AM/FM stereo with digital clock and two speakers
- w) Seats - Front, Vinyl 40/20/40 split bench seat
- x) Seats - Front, manual lumbar support, driver side

AS SPECIFIED



AS SPECIFIED

V. EXTERIOR FEATURES

- a) Bumpers, front and rear - black painted steel with front grained MIC top cover and black lower air dam
- b) Cab Steps - 6" angular black molded-in color Optional
- c) Door Handles – black
- d) Grille - black bar-style
- e) Headlamps - dual beam halogen
- f) Mirrors - Manual Telescoping Trailer Tow with Manual Glass
- g) Roof Clearance Lights
- h) Tow hooks – (2) front, black
- i) Glass – solar tinted
- j) Window - rear, fixed
- k) Tail, Stop, Directional, Clearance and Side Marker lights, shall be LED.
- l) All warning lights on the cab, chassis and body shall be LED.

AS SPECIFIED



CHASSIS LIGHTS FORD STANDARD. BODY LIGHTS SHALL BE LED.

CHASSIS LIGHTS FORD STANDARD. BODY LIGHTS SHALL BE LED.

BIDDER'S EXCEPTIONS

VI. POWER AND HANDLING

- a) Alternator - 155 amp Heavy Duty
- b) Axle - Mono-beam front axle with coil spring suspension
- c) Brakes – 4-wheel power disc brakes with Anti-lock Brake System (ABS); Hydro-boost (DRW)
- d) Engine-Only Traction Control (EOTC) --DRW only
- e) Standard 28-GL mid-ship fuel tank
- f) Heavy-Service Front Suspension Package
- g) Extra Heavy-Service Suspension Package
- h) Shock absorbers – heavy duty gas
- i) Stabilizer bar – front
- j) Steering – power
- k) Steering damper
- l) Hot-shift Drive Power Takeoff (PTO)
- m) Payload Upgrade Package (F-550)
- n) Engine - 6.8L 3-valve SOHC EFI V10 engine
- o) 5-speed TorqShift® Automatic Transmission
- p) Wheels - 19.5" Argent Painted Steel (DRW)
- q) 225/70Rx19.5G BSW A/S (6)
- r) Full-size spare tire assembly.

AS SPECIFIED



AS SPECIFIED

VII. CAB&CHASSIS SAFETY

- a. Airbags — front seat front with passenger side deactivation switch (Regular Cab and SuperCab only)
- b) Airbags — front seat side
- c) Airbags — Safety Canopy® System with roll-fold side-curtain airbags
- d) Belt-Minder®, chime and flashing warning light on instrument cluster if belts not buckled
- e) Seat Belts - color coordinated with height adjustment

AS SPECIFIED



AS SPECIFIED

VIII. PAINT

- a) At least one coat of primer shall be applied throughout, spot puttied where required, and sanded to a smooth surface.

AS SPECIFIED



BIDDER'S EXCEPTIONS

- b) Finish coats shall be applied in accordance with paint manufacturer's recommendations, free of runs. All paintwork shall be sprayed. AS SPECIFIED
- c) The entire vehicle (cab, hood, fenders, frame and all grillwork not chromed) to be finished in accordance with the manufacturer's standard practices. Finish coat to be a 2-step base coat/clear coat DUPONT IMRON polyurethane enamel, or approved equal. (Bidder to specify brand). BRAND: _____ AS SPECIFIED
- d) EXTERIOR COLOR:
 - 1) Cab: WHITE AS SPECIFIED
 - 2) Frame, bumper and wheels: BLACK AS SPECIFIED
 - 3) Body: WHITE with two (2) 5-inch stripes (colored YELLOW and BLACK) running parallel around body (call for detail). AS SPECIFIED

SECTION B: REARLOADING EQUIPMENT AND BODY

I. REARLOADER BODY SPECIFICATIONS

a) REARLOADER BODY

- 1) Realoader body shall be a New Way Diamondback 6HC-RL or approved equal. AS SPECIFIED
Specify: NEW WAY DIAMONDBACK 6HC-RL

b) CAPACITY

- 1) The capacity shall be measured exclusive of the hopper. AS SPECIFIED
- 2) The body shall have a minimum capacity of 6 Cubic Yards
- 3) The body shall have an average compaction rate of up to 1,000 pounds per cubic yard.
- 4) Maximum overall width not to exceed 75"
- 5) Maximum overall length and height (*with tailgate in Locked position*) above the chassis frame not to exceed: 161.5" Length; 61"Height
- 6) Body height above truck frame with the tailgate fully extended shall not exceed 109"
- 7) Body weight (exclusive of options) shall not exceed: 5,985 pounds AS SPECIFIED



c) BODY CONSTRUCTION

- 1) The body shall be constructed entirely of high tensile sheet steel and formed sections. AS SPECIFIED

BIDDER'S EXCEPTIONS

- 2) Body sides and roof shall be curved and the floor shall be reinforced so as to withstand continuous operation at maximum loads without harmful deformation or wear.
- 3) The roof shall be constructed of 10 gauge 80,000 PSI high tensile steel.
- 4) The body sides shall be constructed of a minimum of 10 gauge 80,000 PSI high tensile steel.
- 5) The body sides shall be of the curve shell design.
- 6) The body floor shall incorporate a trough design (*flat floors not acceptable*).
- 7) The body floor sides shall be a minimum of 10 gauge 80,000 PSI high tensile steel.
- 8) The body floor center shall be 1/4" high tensile plate steel.
- 9) The trough shall be constructed of two 6" channel sills to hold the ejection panel in line under the most extreme load conditions.
- 10) Side access door shall be located on the street side of the body side wall.
- 11) Side access door shall incorporate a PTO shut-down interlock switch to prevent the hydraulic system from operating the door in the open position.
- 12) Body shall incorporate appropriate rear-wheel fenders and mudflaps.
- 13) Discreet panels – fitted on both sides beneath the body side panels, extending between rear of cab and rear fender. Discreet panels are intended to enhance body appearance by blocking view of frame rails and serving as side air dams. Discreet panel installation shall allow for easy removal during servicing.

AS SPECIFIED



AS SPECIFIED

d) TAILGATE DIMENSIONS

- 1) Hopper width shall not be less than 54".
- 2) Hopper opening height shall not be less than 45".
- 3) Hopper capacity shall not be less than 1 cubic yard, measured by the WASTEC DWRP03 No.1 method.

AS SPECIFIED



AS SPECIFIED

BIDDER'S EXCEPTIONS

- 4) Hopper cycle time with the standard PTO and pump shall not exceed 15 seconds.

AS SPECIFIED

e) TAILGATE CONSTRUCTION

- 1) Tailgate sides shall be constructed of a minimum of 10 gauge high tensile sheet steel.
- 2) The lower tailgate sidewall shall have a 10 gauge AR200 liner.
- 3) Tailgate sides shall be reinforced by 10 gauge 1 3/4" x 4" formed steel and fully welded in a horizontal position for maximum support.
- 4) An interlaced network of 3/16" wall 1 1/2" x 2 1/2" structural tube shall form the slide blade guide tract.
- 5) The tailgate perimeter edge shall be reinforced by a 2" x 2" structural steel tube.
- 6) The tailgate shall be equipped with an automatic hydraulic locking system to ensure constant pressure for a tight seal.
- 7) The tailgate shall be raised by two 2 1/2" x 24" cylinders equipped with restrictors to prevent precipitous tailgate decent in the event of a broken hydraulic line.
- 8) Tailgate shall be equipped with a chemically inert seal to provide a watertight seal.
- 9) The hopper floor shall be equipped with a 1 1/2" drain plug.
- 10) Hopper floor shall remain stationary during the packing cycle.
- 11) Hopper floor shall be a minimum of 1/4" high strength sheet steel adequately braced to withstand maximum pressures imposed upon it.
- 12) The hopper load sill shall be constructed of 3" x 4" x 1/4" wall tube and shall be even with the truck frame.
- 13) Self cleaning grip strut bolt on steps and grab handles shall be required on both sides of the tailgate.

AS SPECIFIED

f) PACKING MECHANISM CONSTRUCTION

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

AS SPECIFIED

BIDDER'S EXCEPTIONS

- 2) The sweep panel face plate shall be constructed of 1/4" high tensile sheet steel and shall be reinforced with internal and lateral braces constructed of 3/4" plate steel.
- 3) The sweep panel shall be powered by two 3" x 16" double action cylinders.
- 4) The slide panel face plate shall be constructed of formed 10 gauge high strength sheet steel reinforced with internal braces of 10 gauge high strength sheet steel and 4" channel.
- 5) The slide blade shall be powered by two 3" x 30" double action cylinders.
- 6) The linear slide movement of the panel shall be accomplished on four 2 1/2" x 4 1/2" x 6" high density UHMW guide bearing blocks.
- 7) The pivotal rotation of the sweep panel shall be accomplished through the sweep blade pivots which shall be a minimum of 2 1/2" in diameter.

AS SPECIFIED



f) EJECTION PANEL CONSTRUCTION

- 1) Ejection panel shall form the front of the body and be hydraulically operated and designed to have a minimum clearance to thoroughly clean the body during cycling.
- 2) The load shall be discharged by means of a positive ejection system. A double acting telescopic cylinder shall extend and retract the full length of the body.
- 3) The ejection panel face plate shall be constructed of 10 gauge high strength sheet steel and reinforced with trapezoidal cross members of high strength 1/4" wall 3" x 3" structural tube.
- 4) The ejection panel shall slide in a 6" channel sill on four high density UHMW slide bearing blocks.
- 5) The telescopic cylinder shall be horizontally positioned & consist of the following dimensional characteristics:

AS SPECIFIED



Capacity	Type	Bore
6 yd ³	3 Stage	5.5"

g) CONTROLS

- 1) The ejector panel and tailgate raise control shall be mounted outside the front left hand side of the body.

AS SPECIFIED

BIDDER'S EXCEPTIONS

- 2) An electrical device shall be supplied to automatically raise the engine speed to the proper RPM during the packing cycle.
- 3) An additional throttle advance switch shall be mounted at the front left hand side of the body near the tailgate raise control handle and at the rear right hand side near the packing panel control.
- 4) A Back Pack Valve shall be required to automatically advance the ejector panel when packing against it.
- 5) The packing blade control shall be designed to accomplish the normal packing cycle in two steps and shall be reversible or stopped at any time during the cycle.
- 6) The packing panel control shall be a two handle design and located at the rear of the tailgate on the curbside.

g) HYDRAULIC SYSTEM

- 1) PTO/pump (Hot-shift PTO/ P2100 pump) combination shall be used to power the hydraulic system.
- 2) All hydraulic valve shall be mechanically operated and use direct link controls.
- 3) The hydraulic pump shall provide adequate delivery output for the application. State:
Output: 14 GPM @ 1400 RPM.
- 4) Normal maximum operating pressures shall not exceed 2000 PSI.
- 5) The hydraulic system shall incorporate a relief valve to protect all components from excess pressures. All hydraulic hoses shall conform to S.A.E. Standards No flat spots in hoses will be acceptable.
- 6) Hydraulic tank shall not be less than 22 gallons and must be equipped with a sight and temperature gauge. The tank shall be located inside the body.
- 7) A replaceable 10 micron spin on filter with bypass valve shall be furnished in the return line of the hydraulic system.
- 8) A shut-off valve shall be mounted on the suction line near the oil tank.
- 9) All cylinder rods shall be chrome plated.

AS SPECIFIED

AS SPECIFIED

BIDDER'S EXCEPTIONS

- 10) All cylinders shall incorporate nylon wear rings on the piston and rods to prevent metal to metal contact, and an "O" ring is to be used to pre-load the seal.

AS SPECIFIED

h) BODY ELECTRICAL

- 1) All wiring shall be loomed or in conduit.
- 2) The body shall be equipped with approved LED clearance, warning, tail, license, stop and turn signals in compliance with the national safety standards.
- 3) A light shall illuminate in the cab when the tailgate is open and an audible alarm will sound when the vehicle is placed in reverse while the tailgate is open.
- 4) A light bar shall be mounted on the upper section of the tailgate and consist of stop, turn, backup and three cluster lights.
- 5) Driver alert buzzer shall be installed at the rear of the tailgate by packing controls.
- 6) Safety shut down switch to be provided on the right side of the tailgate.
- 7) Two aim-adjustable weather-resistant work light (3,000 candlepower minimum) shall be installed at rear of body. Check with customer for location prior to installation.
- 8) Four (4) 4-inch round Amber LED warning lights, mounted at each rear corner, with alternating corner-to-corner flash patterns. Controller in cab. Check with customer for location prior to installation.
- 9) Whelen Model-R2LPHA Six-LIN6 Super-LED' Modules, permanent mount, Amber, mounted on top of cab roof. Controller in cab.

AS SPECIFIED



i) MOUNTING

- 1) Body shall be mounted in accordance to industry standards. No welding shall be performed on the chassis frame in the mounting process.

AS SPECIFIED

j) FOLDING ARM GRABBER LIFTER

- 1) Perkins Model D6098 (No Exception) shall be installed; to include manufacturer-specified hydraulic system and controls.
- 2) Grabber/Lifter shall be installed on a rear mounting plate to enable fast lifter replacement.

AS SPECIFIED

BIDDER'S EXCEPTIONS

- 3) Grabber/Lifter shall be able to lift plastic refuse containers and dump the contents of the containers into the rear hopper of a refuse collection vehicle, and then return the emptied container safely to the ground.
- 4) Grabber/Lifter shall be compatible with all styles/brands of carts between 60 and 100 gallon in size, that have been designed to meet ANSI code for US semi-automated collection containers, as well as variety of barrels / 55-gallon drums.
- 5) The design of the lifter shall allow for the easy engagement/disengagement of the plastic carts.
- 6) The contact of the lifter with the plastic carts shall be designed to eliminate or minimize scratching and wearing, in order to maximize cart life.
- 7) Weight Capacity of the lifter shall meet or exceed ANSI's current standard container capacity limit of 350 lbs.
- 8) Grabber/Lifter hydraulic working pressure shall be the maximum pressure provided the body hydraulic system.
- 9) Complete cycle time to lift, dump, and return a cart shall be within 6-8 seconds.
- 10) Grabber/lifter will be rated for usage of 700 times a day.
- 11) The container will be dumped at an angle of 45 degrees above the horizon to ensure a complete dump of the refuse.
- 12) Overall design shall provide for the maximum possible safety for the operator.
- 13) The grasping arms shall fold hydraulically to conserve space.
- 14) Grabber/Lifter shall be able to dump as high and deep into the hopper as possible, to prevent spillage and to provide for even dispersal of waste into the hopper.
- 15) Lifter shall allow for a minimum of 19" of ground clearance at all times to help prevent bottom-out damage.
- 16) All structural components of the Lifter will be AISI A36 HRS.

AS SPECIFIED



AS SPECIFIED

BIDDER'S EXCEPTIONS

- 17) All hardware, such as bolts, nuts, washers will be Grade 8.
- 18) Grasping arms shall be 1/4" thick 2x2 tube
- 19) The driver & idler arms will be 1/2" thick HRS.
- 20) A set of rubber bumpers supports the containers midsection to prevent scratching.
- 21) Grabber/Lifter shall use a 25K Helical Rotary Actuator for its lifting motion. This Actuator will produce up to 25,000 in/lb of torque at 3,000 PSI, and has a total potential rotation of 220 degrees.
- 22) Grabber/Lifter shall have an initial primer coating and one top-coat that will be "Safety Yellow" unless otherwise specified.
- 23) Completed unit shall have all appropriate safety decals.
- 24) Appropriate identification tags permanently affixed to the side member.
- 25) Provide instruction manual that contains detailed instructions on the proper mounting and care for the lifter, as well as a spare parts key and ordering information.
- 26) Grabber/Lifter shall be warranted against manufactures defects for a period of 3-years. Standard warranty does not cover labor.

AS SPECIFIED



PERKINS TIPPER HAS 1 YEAR STD. WAARANTY ONLY.

SECTION C: MISCELLANEOUS REQUIREMENTS

I. ADDITIONAL SAFETY

- a) An Intec video system shall be installed to include the following features:
 - 1) 6.4" Color flat-panel display.
 - 2) Rear-vision camera activated automatically when transmission is placed in REVERSE or manually by the operator.
- b) An audible warning alarm indicating when the vehicle is moving in reverse, GROTE #73030 or approved equal, shall be installed.
- c) Bi-directional emergency triangles, GROTE #71422, or approved equal shall be provided
- d) A 5-pound pressurized dry chemical extinguisher for type A, B and C fires shall be provided and installed. Location to be determined at a time prior to delivery.

AS SPECIFIED



AS SPECIFIED

BIDDER'S EXCEPTIONS

- e) Install truck & trailer conspicuity DOT-C2 reflective tape on appropriate locations on both sides and on the rear. AS SPECIFIED

II. TRAINING

- a) The successful bidder shall provide factory authorized training, to include operation and maintenance procedures to be held at a designated location in the City of Beverly Hills. AS SPECIFIED

III. WARRANTY

- a) The entire unit shall be warranted against defects in materials and workmanship. The warranties shall cover both parts and labor and begin at the in-service date. State standard warranties

Bumper-to-bumper:	3 YR./36,000 MILE 5YR./60,000 MILE POWERTRAIN
Loading equipment/Body:	1 YEAR STD
Grabber/Lifter:	1 YEAR STD

Optional warranty offerings:

Bumper-to-bumper:	7 YR./150,000 PREMIUM CARE ADD \$4,730.00
Loading equipment/Body:	2 YEAR ADD \$1638.00
Grabber/Lifter:	NOT AVAILABLE

IV. MISCELLANEOUS REQUIREMENT

- a) Four (4) key sets shall be furnished with each unit. AS SPECIFIED
- b) One lockable tool box appropriately sized to store one grease gun, reflectors, and one set of wheel chocks. Painted black and mounted at curbside. AS SPECIFIED
- c) One (1) each - flat square-point shovel and push broom with mounting and securing provisions. Check with customer for mounting locations. AS SPECIFIED

V. MANUALS

- a) Successful Bidder shall furnish maintenance, repair, and parts manuals, for a total of three (3) sets for the complete bid package. One set to be on CD for PC, if applicable. All publications to be delivered with first vehicle ordered. AS SPECIFIED
- b) If not included in the above publication requirements, the following publications shall also be provided:
 - 1) Illustrated engine and transmission, service and parts manuals, listing all parts and only those AS SPECIFIED

parts pertaining directly to the model chassis furnished. There shall be three (3) sets of each total, with one set on CD for PC, if applicable.

- 2) Training CD's, if available.
- 3) For each unit delivered there shall be one line setting ticket or invoice, and one certified weight ticket with front axle, rear axle and tire weight. AS SPECIFIED
- 4) Two operator manuals shall be furnished with each truck. AS SPECIFIED
- 5) Information manuals or references for mounted equipment and/or accessories. AS SPECIFIED

VI. SERVICE AND PARTS

- a) The bidder shall state below, the representatives responsible for assisting the distribution center, which shall furnish a complete supply of parts and components for the repair and maintenance of the cab/chassis units to be supplied. The bidder shall also state below, or by separate attachment, its policy on transportation charges for parts other than those covered by warranty.

Location of nearest Technical Service Representative:

Address: 10150 CHERRY AVENUE

Telephone: 909-770-5730

Location of nearest Distribution Center:

Name: TRANS WEST TRUCK CENTER

Address: 10150 CHERRY AVENUE

Telephone: 909-770-5730

Policy for delivery of parts and components to be purchased for service and maintenance:

Regular method of shipment: PARTS TRUCK

Cost to City: \$0.00

a) REFERENCES

- 1) State name and contact information of at least three (3) local municipal agencies that currently use a similar machine being offered.

- 1) CITY OF LOS ANGELES

(Agency Name)

RON COLE 818-752-5771

(Contact name & telephone number)

SUBSECTION B - SPECIAL REQUIREMENTS

1. The successful bidder will complete all documents and / or file all applications necessary to obtain exempt registration and license plates for vehicle(s) covered by this bid from the California Department of Motor Vehicles in the name of the City of Beverly Hills, 455 North Rexford Drive, Beverly Hills, California 90210, before the vehicles(s) are delivered. Ownership Certificate(s), Registration(s) and license plates must be delivered with the vehicle(s).
2. Delivery is an important consideration in award of this bid. Bidder will be strictly bound to his commitments.
3. Vehicle(s) covered by this bid, including all equipment and accessories, must comply with all requirements of the California Vehicle and Federal Motor Vehicle Safety Standards for 1997 vehicles, and safety orders of the California Division of Industrial Safety, including all amendments thereto.
4. Bidder is to state warranty period(s) on all vehicle(s).
5. City shall be the sole and final judge of compliance with bid specifications and reserves the exclusive right to award this bid in any manner it deems to be in the best interests of the City.

F.O.B.

All prices of the bid shall be F.O.B. destination Beverly Hills, California; and delivery to any point within Beverly Hills shall be without additional charge.

TAX

All bid proposals shall be exclusive of tax; City staff will compute all tax involved when applicable.

ACCEPTANCE OF PROPOSAL

The City reserves the right to accept or reject any and all bids and reserves the right to waive technicalities where such action best serves the interests of the City. The manufacturer of the proposed materials or equipment may be required to acknowledge by written conformation that the minimum requirements of the specifications are included in the Bidder's proposal before the award of the bid.

EXCEPTIONS

Any bidder's exceptions to these terms or conditions or deviations from the written specifications shall be shown in writing and attached to bid form. However, such exceptions or deviations may result in bid rejection.

INSURANCE (applicable to successful bidder who may come into the City)

- (1) **Commercial general liability** coverage at least as broad as Insurance Services Office Commercial General Liability occurrence coverage ("occurrence" form CG0001, Ed. 11/85) with a limit of not less than \$2,000,000 (Two Million Dollars) per occurrence. If the insurance includes a general aggregate limit, that limit shall apply separately to this contract or it shall be at least twice the required per occurrence limit.
- (2) **Business automobile liability** insurance at least as broad as Insurance Services office form CA 0001 (Ed. 1/87) covering Automobile Liability, code 1 "any auto" and endorsement CA 0029 (Ed. 12/88) with a limit not less than \$1,000,000 (One Million Dollars) per accident.
- (3) **Workers Compensation** Insurance as required by the State of California and **employers liability** insurance with a limit not less than \$1,000,000 (One Million Dollars) per accident.

All insurance coverages shall be provided by insurers with a rating of B+; VII or better in the most recent edition of Best's Key Rating Guide, Property-Casualty Edition.

Work on City property covered by a purchase order cannot be commenced until certificates of insurance have been approved.

Please use the official City of Beverly Hills certificate of insurance form (attached). If you use another form, the following requirements must be met to make the certificates acceptable to the City:

1	name the City of Beverly Hills as additional insured for both GENERAL liability and AUTO liability; and
2	have at least thirty (30) days written notice of cancellation.

All certificates of insurance must remain current until the purchase order expires or is sooner cancelled.

AFTER THE ACCEPTANCE AND AWARD OF THE BID BY THE CITY COUNCIL UPON RECEIPT OF A WRITTEN PURCHASE ORDER EXECUTED BY A PROPER OFFICER OF THE CITY, THIS DOCUMENT WILL CONSTITUTE THE LEGAL CONTRACT BETWEEN THE CITY AND THE SUCCESSFUL BIDDER.

If your response is "NO BID", please explain below:

COMPANY NAME: _____

ADDRESS: _____

CITY, STATE, ZIP CODE: _____

TELEPHONE NUMBER: _____

FAX NUMBER: _____

BY: _____
(Print Name)

(Signature)

(Title)

(Date)

PLEASE RETURN TO:

**CITY OF BEVERLY HILLS
OFFICE OF THE CITY CLERK, ROOM 290
455 NORTH REXFORD DRIVE
BEVERLY HILLS, CA 90210**

(Attn: Bid 13-16)

(END)