

OFFICE OF THE CITY ATTORNEY
CHARLES PARKIN, City Attorney
411 West Ocean Boulevard, 9th Floor
Long Beach, CA 90802-4511

1 AGREEMENT

2 **35804**

3 THIS AGREEMENT is made and entered, in duplicate, as of November 24,
4 2020 for reference purposes only, pursuant to Resolution No. RES-20-0142 adopted by
5 the City Council of the City of Long Beach at its meeting on November 17, 2020, by and
6 between LOS ANGELES TRUCK CENTERS, LLC, DBA VELOCITY TRUCK CENTERS,
7 a California limited liability company ("Contractor"), with a place of business located at 2429
8 S. Peck Rd., Whittier, CA 90601, and the CITY OF LONG BEACH ("City"), a municipal
9 corporation.

10 WHEREAS, Section 1802 of the Long Beach City Charter permits the City to
11 make purchases under the purchasing contracts of other governmental agencies when
12 authorized to do so by a resolution; and

13 WHEREAS, the City desires to purchase an Autocar ACX64 front loading
14 refuse truck ("Refuse Truck"); and

15 WHEREAS, the City of Glendale, after a competitive procurement process,
16 entered into an agreement with Los Angeles Truck Centers, LLC, DBA Velocity Truck
17 Centers, for the purchase of the Refuse Truck, Purchase Order No. 61900874 ("Glendale
18 Contract"); and

19 WHEREAS, Contractor has agreed to extend the terms and pricing rates
20 established in the Glendale Contract to the City, as outlined in Exhibit "A-1", attached
21 hereto and incorporated by this reference; and

22 WHEREAS, Resolution No. RES-20-0142 authorizes the City to purchase
23 the Refuse Truck by virtue of the Glendale Contract;

24 NOW, THEREFORE, in consideration of the terms and conditions contained
25 in this Agreement, the parties agree as follows:

26 1. The Glendale Contract with Contractor, attached hereto as Exhibit "A-
27 2", is incorporated by this reference as if fully set forth, and the same terms and conditions
28 contained in the Glendale Contract shall be applicable here except as follows:

- 1 A. Wherever the Glendale Contract refers to the City of Glendale,
2 it shall be deemed to refer to the City of Long Beach;
- 3 B. Contractor shall sell, furnish and deliver to the City a Refuse
4 Truck of substantially the same type and kind purchased under the Glendale
5 Contract, except as modified by Exhibit "B" attached hereto and incorporated by this
6 reference, in an amount not to exceed Three Hundred Forty Four Thousand Eight
7 Hundred Seven Dollars (\$344,807), including tax and fees, extending until the
8 warranty on the Refuse Truck expires. To the extent that the Glendale Contract and
9 this Agreement are inconsistent, the following priority shall govern: (1) this
10 Agreement and (2) the Glendale Contract.
- 11 C. Payment for the Refuse Truck purchased from Contractor by
12 the City shall be made by the City on delivery to and acceptance of the Refuse Truck
13 by the City and submittal of an invoice to the City. Payment is due thirty (30) days
14 after the date of the invoice.
- 15 D. All warranties shall accrue to the City of Long Beach.
- 16 2. Neither this Agreement nor any money that becomes due to
17 Contractor under this Agreement may be assigned by Contractor without the prior written
18 consent of the City Manager or his designee.
- 19 3. Any notice given under this Agreement shall be in writing and
20 personally delivered or deposited in the U.S. Postal Service, return receipt, and shall be
21 delivered or mailed to Contractor at the relevant address first stated above, and to the City
22 at 411 West Ocean Boulevard, Long Beach, California 90802 Attn: City Manager. Notice
23 shall be deemed given three days after deposit in the mail.
- 24 4. The terms appearing on the Glendale Contract are incorporated in this
25 Agreement.
- 26 5. Contractor shall cooperate with the City in all matters relating to self-
27 accrual of use tax. Contractor shall contact the City Treasurer for additional information
28 regarding self-accrual.

OFFICE OF THE CITY ATTORNEY
CHARLES PARKIN, City Attorney
411 West Ocean Boulevard, 9th Floor
Long Beach, CA 90802-4511


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6. This Agreement and all documents which are incorporated by reference in this Agreement constitute the entire understanding between the parties and supersede all other agreements, oral or written, with respect to the subject matter of this Agreement.

IN WITNESS WHEREOF, the parties have caused this document to be duly executed with all formalities required by law as of the date first stated above.

LOS ANGELES TRUCK CENTERS, LLC,
DBA VELOCITY TRUCK CENTERS, a
California limited liability company

_____, 20__

By 
Name James Barker
Title President

"Contractor"

CITY OF LONG BEACH, a municipal
corporation

_____, 20__

By _____
City Manager

"City"

This Agreement is approved as to form on _____, 20__.

CHARLES PARKIN, City Attorney

By _____
Deputy

OFFICE OF THE CITY ATTORNEY
CHARLES PARKIN, City Attorney
411 West Ocean Boulevard, 9th Floor
Long Beach, CA 90802-4511

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LOS ANGELES TRUCK CENTERS, LLC,
DBA VELOCITY TRUCK CENTERS, a
California limited liability company

_____, 20

By [Signature]
Name George Barker
Title President

"Contractor"

CITY OF LONG BEACH, a municipal
corporation

January 6, 2021

By [Signature]
City Manager

"City"

This Agreement is approved as to form on January 5, 2021

EXECUTED PURSUANT
TO SECTION 301 OF
THE CITY CHARTER

CHARLES PARKIN, City Attorney

By [Signature]
Deputy

EXHIBIT "A-1"



2429 S. PECK ROAD WHITTIER, CA. 90601

October 5, 2020

Mr. John Seevers

City of Long Beach Fleet Services

2600 Temple Avenue

Long Beach, CA. 90806

Re: Cooperative Purchase Agreement

Dear Mr. Seevers,

I am pleased to offer the City of Long Beach Fleet Services the opportunity to participate in a cooperative purchase agreement that was awarded from the City of Glendale to Los Angeles Truck Centers, LLC dba Velocity Vehicle Group for CNG Front End Loading Refuse Vehicles. This was a competitive bid process whereby Los Angeles Truck Centers, LLC was awarded by Purchase Order No. 61900874. It is understood that Los Angeles Truck Centers, LLC has offered to the City of Long Beach under the same pricing and terms plus optional equipment as listed on proposal included. We are submitting for your consideration the following: 2021 Model Year Autocar ACX64 with New Way 40 CY Mammoth Front End Loading Refuse Collection Body. We appreciate the opportunity to earn your valued business. Please feel free to contact me if you have any questions or require additional information.

Warmest Regards,

A handwritten signature in black ink that reads 'Ron Creighton'.

Ron Creighton

Fleet & Municipal Sales

(909) 510-4406 o

(562) 755-6108 c

EXHIBIT "A-2"



City of Glendale
 Purchasing
 141 N. Glendale Ave, Suite 346
 Glendale, CA 91206
 Phone: 818-548-2102
 Fax: 818-956-3286

Purchase Order

Fiscal Year 2019

Page 1 of 1

THIS NUMBER MUST APPEAR ON ALL INVOICES, PACKAGES AND SHIPPING PAPERS

Purchase Order # **61900874**

Delivery must be made within doors of specified destination.

BUYER

ACCOUNTS PAYABLE
 141 N. GLENDALE AVE, STE 346
 GLENDALE, CA 91206-4998
 Phone: 818-548-2085
 Fax: 818-956-3286

VENDOR

LOS ANGELES TRUCK CENTERS LLC
 VELOCITY TRUCK CENTERS
 PO DISTRIBUTION VIA EMAIL ONLY
 Email: jcreighton@lafreightliner.com

SHIP TO

PW MECHANICAL MAINTENANCE
 541 W. CHEVY CHASE DRIVE
 GLENDALE, CA 91204-1813
 Email: Lder-Bedrosian@glendaleca.gov
 Phone: 818-548-3952
 Fax: 818-409-7001

Vendor Number	Date Ordered	Date Required	PO Expiration Date	Requisition No.	Contract No.
232472	04/09/2019	12/26/2019	06/30/2020	21903109	
Freight/Payment Terms	Department/Location	Delivery Reference/Contact	Buyer		
DESTINATION/NET 30	PUBLIC WORKS		Gomez, Christina		
Item#	Description/Part No.	Qty.	UOM	Unit Price	Extended Price
1	FRONT LOADING REFUSE TRUCK AS PER ATTACHED SPECS UNIT PRICE: \$294,224.20 EA FOB GLENDALE, CA (INCLUDING DELIVERY) QUANTITY: 2 DOC FEE: \$70.00 EA TIRE FEE: \$21.00 EA TAXABLE AMOUNT: \$588,588.40 SALES TAX (10.25%): \$60,330.31 TOTAL COST: \$648,960.71 FOB GLENDALE, CA INCLUDING SHIPPING, TAX AND ALL FEES LEAD TIME: 180-210 DAYS DELIVERY INSTRUCTION: DELIVERY DAYS MONDAYS THROUGH THURSDAYS FROM 8:00 AM TO 3:00 PM ONLY. VENDOR SHALL CALL 818-548-3952 AT LEAST 48 HOURS IN ADVANCE WITH PURCHASE ORDER NUMBERS TO MAKE APPOINTMENT FOR VEHICLE/EQUIPMENT DELIVERY. FAILURE TO CALL IN ADVANCE MAY RESULT IN REJECTION OF DELIVERY AT VENDOR'S EXPENSE. IN ACCORDANCE WITH REQUEST FOR QUOTE #403028 AND VENDOR'S RESPONSE DATED 03/25/2019.	2.0	EACH	\$294,315.20	\$588,630.40

This Purchase Order is subject to City of Glendale Purchase Order/Service Authorization Terms & Conditions posted on www.glendalepurchasing.org and available upon request.

Total Ext. Price	\$588,630.40
Total Sales Tax	\$60,330.31
Total Freight	\$0.00
Total Discount	\$0.00
Total Credit	\$0.00
PO Total	\$648,960.71

By: *A. B. B. B.*
 Authorized Signature

VENDOR COPY

**REQUEST FOR QUOTATION #403028
REFUSE TRUCKS**



ALL QUOTATIONS SHALL BE SUBMITTED IN A SEALED ENVELOPE ADDRESSED TO:

**CITY OF GLENDALE
PURCHASING OFFICE
141 N. GLENDALE AVE, ROOM 346
GLENDALE, CA 91206**

SUBMITTALS SHALL BE CLEARLY IDENTIFIED IN THE LOWER LEFT-HAND CORNER OF THE ENVELOPE WITH THE RFQ NUMBER AND NAME.

SUBMITTALS SHALL BE ACCEPTED UNTIL 11:00 AM PST, MARCH 28, 2019

IT IS THE VENDOR'S SOLE RESPONSIBILITY TO HAVE THEIR RESPONSE DELIVERED TO THE DESIGNATED ADDRESS, BEFORE THE APPOINTED TIME.

THE CITY OF GLENDALE, ADMINISTRATIVE SERVICES' TIME CLOCK SHALL BE THE OFFICIAL TIME.

LATE SUBMITTALS WILL NOT BE ACCEPTED AND WILL NOT BE OPENED.

REQUEST FOR QUOTATION BID # 403028
REFUSE TRUCKS
CLOSING DATE: MARCH 28, 2019 AT 11:00 AM

THE CITY OF GLENDALE IS CURRENTLY SOLICITING QUOTES FOR FRONT AND REAR-LOADING REFUSE TRUCKS AS PER ATTACHED SPECS

- ALL QUOTES SHALL BE SUBMITTED ON THE ATTACHED FORM ONLY.
- ALL PRICES SHALL INCLUDE DELIVERY FOB GLENDALE, CALIFORNIA.
- PURCHASE ORDERS ISSUED AS A RESULT OF THIS RFQ SHALL BE SUBJECT TO THE CITY OF GLENDALE'S TERMS & CONDITIONS, WHICH CAN BE FOUND AT: WWW.GLENDALEPURCHASING.ORG
- THE CITY RESERVES THE RIGHT TO ACCEPT OR REJECT QUOTATIONS ON EACH ITEM SEPARATELY OR AS A WHOLE, AND TO REJECT ANY OR ALL QUOTATIONS.
- NO PERSON, FIRM OR CORPORATION SHALL BE ALLOWED TO SUBMIT MORE THAN ONE BID/QUOTE IN RESPONSE TO THIS REQUEST. IF ANY VENDOR SUBMITS MORE THAN ONE PRICE OR BID FOR THE SAME REQUEST FOR QUOTE, ALL BIDS WILL BE REJECTED.
- ALL QUESTIONS REGARDING THIS SOLICITATION MUST BE SUBMITTED ONLINE USING THE PLANETBIDS PORTAL. EMAILS AND TELEPHONE CALLS WILL NOT BE ACCEPTED
- THE DEADLINE TO SUBMIT QUESTIONS IS **THURSDAY, MARCH 14, 2019 AT 11:00 AM.**
- THE QUOTE MUST BE VALID FOR A MINIMUM OF NINETY (90) DAYS FROM THE BID CLOSING DATE. QUOTES MAY NOT BE WITHDRAWN BY RESPONDENT AFTER SUBMISSION DATE AND ALL QUOTES BECOME THE SOLE PROPERTY OF THE CITY.

SUBMITTALS

-SUBMIT TWO (2) COPIES OF QUOTE AND SPECIFICATIONS IN THE SAME ENVELOPE NO LATER THAN **THURSDAY, MARCH 28, 2019 AT 11:00 AM TO:**

CITY OF GLENDALE
PURCHASING DEPARTMENT
141 N. GLENDALE AVENUE ROOM 346
GLENDALE, CA 91206-4494

- THE QUOTE SHALL BE RECEIVED AT THE ABOVE ADDRESS BY THE CLOSING DATE AND TIME. VENDORS MAILING OR SHIPPING THEIR QUOTE SHALL ALLOW SUFFICIENT DELIVERY TIME TO ENSURE RECEIPT OF THEIR QUOTE BY THE TIME SPECIFIED.
- SUBMITTALS POSTMARKED ON THE CLOSING DATE, BUT NOT RECEIVED ON THE CLOSING DATE SHALL BE LATE.
- FAXED OR E-MAILED SUBMITTALS OF QUOTE SHALL NOT BE ACCEPTED. IT IS THE VENDOR'S SOLE RESPONSIBILITY TO HAVE THEIR RESPONSE DELIVERED TO THE DESIGNATED ADDRESS, BEFORE THE APPOINTED TIME.
- LATE SUBMITTALS SHALL NOT BE ACCEPTED AND SHALL NOT BE OPENED.
- SUBMITTALS SHALL BE CLEARLY IDENTIFIED IN THE LOWER LEFT-HAND CORNER OF THE ENVELOPE WITH THE RFQ NUMBER AND PROJECT NAME.

**REQUEST FOR QUOTATION BID # 403028
REFUSE TRUCKS
CLOSING DATE: MARCH 28, 2019 AT 11:00 AM**

ITEM #	DESCRIPTION	QTY.	UNIT PRICE (FOB GLENDALE INCLUDING DELIVERY)	TOTAL
1.	FRONT LOADING REFUSE TRUCK AS PER ATTACHED SPECS – LINE ITEM #1	2 EA	\$ 294,224.20	\$ 588,448.40
	DOC FEE	2 EA	\$ 70.00	\$ 140.00
	TIRE FEE	2 EA	\$ 21.00	\$ 42.00
	SALES TAX (9.5%)	2 EA	\$ 27,959.95	\$ 55,919.90
	TOTAL	2 EA	\$ 322,275.15	\$ 644,550.30

ITEM #	DESCRIPTION	QTY.	UNIT PRICE (FOB GLENDALE INCLUDING DELIVERY)	TOTAL
2.	20 YARD REAR-LOADING REFUSE TRUCK AS PER ATTACHED SPECS – LINE ITEM #2	1 EA	\$ 286,110.07	\$ 286,110.07
	DOC FEE	1 EA	\$ 70.00	\$ 70.00
	TIRE FEE	1 EA	\$ 17.50	\$ 17.50
	SALES TAX (9.5%)	1 EA	\$ 27,188.77	\$ 27,188.77
	TOTAL	1 EA	\$ 313,386.34	\$ 313,386.34

LEAD TIME: 180-210 DAYS ARO DAYS

VENDOR NAME: LOS ANGELES TRUCK CENTERS, LLC
dba VELOCITY TRUCK CENTERS CONTACT PERSON: RON CREIGHTON

EMAIL: rcreighton@vvgtruck.com TELEPHONE #: (909) 510-4406

SIGNATURE: *Ron Creighton* DATE: MARCH 25, 2018

PAYMENT TERMS (NET 30 OR BETTER): NET 30

*FOR ADDITIONAL PRICING OPTIONS & ALTERNATIVE FUEL GRANT OPPORTUNITIES, REFER TO EXHIBIT 1A PROVIDED WITH BID

GENERAL SPECIFICATIONS
FRONT-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #1

INTENT OF SPECIFICATIONS: THESE SPECIFICATIONS ARE INTENDED TO BE A GUIDE TO DESCRIBE THE SIZE, CAPACITY AND PERFORMANCE DESIRED. THE TRUCK IS TO BE A HEAVY VEHICLE CAPABLE OF HAULING A LOADED 40-44 CUBIC YARD FRONT-LOADING REFUSE BODY AT SPEEDS TO 55 MPH WITH POWER TO PULL IN AND OUT OF LANDFILLS.

GENERAL SPECIFICATIONS: 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 A 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 MATERIALS, AND WORKMANSHIP. ASSEMBLIES, SUBASSEMBLIES AND COMPONENT PARTS SHALL BE STANDARD AND INTERCHANGEABLE THROUGHOUT THE ENTIRE UNIT AS SPECIFIED IN THIS INVITATION TO BID. THE EQUIPMENT FURNISHED SHALL CONFORM TO ANSI SAFETY STANDARD Z245.1-1992.

BID EXCEPTIONS: VENDOR MUST INDICATE AT THE RIGHT, IN THE SPACE PROVIDED, THE MODIFICATIONS THEY ARE TAKING TO THESE SPECIFICATIONS. THIS SHALL INCLUDE BUT NOT LIMITED TO MINOR DIMENSION CHANGE, MANUFACTURERS AND THEIR NUMBERS, OR OTHER DATA WHICH MAY BE DIFFERENT. WORDS, PHRASES LIKE "AS SPECIFIED", "SAME", "NO DEVIATION", ETC. SHALL BE INTERPRETED TO MEAN WHAT IS WRITTEN IS WHAT SHALL BE RECEIVED. BID MAY BE REJECTED FOR FAILURE TO COMPLY.

CAB AND CHASSIS: FOUR-AXLE TANDEM WITH CAB AND CHASSIS CAB OVER TRUCK. STATE G.V.W.R. 71,000 LBS., STATE BRIDGE WEIGHT: *57,500 to 59,500 LEFT HAND STEERING AND READY FOR INSTALLATION FOR A REFUSE COLLECTION PACKER BODY. DROP AXLE MUST BE MOUNTED ON REAR OF TRUCK. THE CAB IS TO BE ELECTRO-GALVANIZED FOR RUST PREVENTION OR TO BE HOT-DIPPED IN A RUST PREVENTION SOLUTION AFTER THE ENTIRE CAB HAS BEEN PROPERLY CLEANED OF DIRT, GREASE AND WELD SLAG. ANY OTHER RUST PREVENTION METHOD CAN BE USED IF IT IS AN APPROVED EQUAL.

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

*BRIDGE WEIGHT ALLOWANCE FOR A 4 AXLE TRUCK WITH A 271" OVERALL BRIDGE IS A MINIMUM OF 57,500 LBS. & A MAXIMUM OF 59,500 LBS. PER SB2106 - PASSED INTO LAW SEPT. 2018. SEE ATTACHED SB2106 BILL LANGUAGE WITH BID PROPOSAL

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

**GENERAL SPECIFICATIONS
FRONT-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #1**

CAB MODIFICATION: THE TRUCK CAB SHALL BE FACTORY EQUIPPED LEFT-HAND DRIVE, WITH THE LATEST ERGONOMIC INNOVATIONS. CAB MUST HAVE FACTORY TINT REAR WINDOWS.

CAB: AUTOCAR (ACX) OR APPROVED EQUAL. THE FIRST STEP MUST BE AT 18" AND MUST BE FACTORY BUILT.

ENGINE: LATEST AND MOST UPDATED CNG CUMMINGS FOR REFUSE TRUCKS. EQUIPPED WITH AUTOMATIC ENGINE SHUT DOWN IN THE EVENT OF HIGH ENGINE TEMPERATURE, LOW ENGINE OIL PRESSURE, AND LOW COOLANT LEVEL.

INTEGRAL CONTROL OF VEHICLE SPEED, ENGINE SPEED, AND HYDRAULIC SYSTEM TO BE ELECTRONICALLY CONTROLLED BY THE ENGINE.

VENDOR TO PROVIDE "ON-SITE" SETTINGS OF "CUSTOMER PROGRAMMABLE" FEATURES AFTER DELIVERY OF TRUCK(S).

OIL FILTER(S) SHALL BE MANUFACTURER'S STANDARD FULL FLOW SPIN-ON. VISCOUS FAN DRIVE. MUST MEET CURRENT CALIFORNIA AIR EMISSION LIMITS WITH ELECTRONIC CONTROLS.

ENGINE MAKE CUMMINS

ENGINE MODEL L9N LOW Nox 8.9L

TRANSMISSION: AUTOMATIC COMPATIBLE TO ENGINE ALLISON 6 SPEED WORLD TRANS OR APPROVED EQUAL. AUTOMATIC TRANSMISSION SHALL PROVIDE MAXIMUM CAPACITY OIL COOLER MOUNTED AHEAD OF THE TRUCK RADIATOR. INCLUDE AUTO-NEUTRAL INTERLOCK SYSTEM WHEN PARKING BREAK IS SET. A TRANSMISSION OIL TEMPERATURE GAUGE WITH AN OVERHEATING WARNING LIGHT AND BUZZER SHALL BE INSTALLED. WARNING SYSTEM SET AT 250 DEGREES F. THE TRANSMISSION SHALL BE EQUIPPED WITH A NEUTRAL RANGE SHIFT INDICATOR. IT SHALL INHIBIT THE DRIVER FROM SHIFTING FROM THE

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED
AUTOCAR ACX64

AS SPECIFIED
CUMMINS L9N LOW Nox

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED
MODEL 3000RDS

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

GENERAL SPECIFICATIONS
FRONT-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #1

NEUTRAL TO DRIVE OR REVERSE RANGES WHEN THE ENGINE RPM EXCEEDS A SET RPM, OR WHEN OTHER INTERLOCK SWITCH IS ENERGIZED. THE SETTING OF RPM SHALL BE DETERMINED BY THE ENGINE/TRANSMISSION OPERATING CRITERIA.

PTO OVER SPEED IN TRANS COMPUTER.

WHEEL BASE: STATE WHEEL BASE IN INCH 195". CAB TO AXLE LENGTH SHALL BE AT LEAST 171" INCHES.

MAX LENGTH: NOT TO EXCEED 400 INCHES.

MAX HEIGHT: 13' 6" WITH FORKS, ARMS AND ROOF MOUNTED CNG

FRAME: THE FRAME SHALL BE HEAVY DUTY, 3/8 STEEL CHANNEL FULL RAILS THAT START AT THE FRONT OF THE FRAME AND CONTINUE UNBROKEN TO THE REAR OF THE FRAME. THE FRAME SHALL BE CONSTRUCTED OF ALLOY STEEL, WITH AN RBM OF NOT LESS THAN 3,200,000 IN LBS. PER RAIL. THE BIDDER SHALL SPECIFY THE RBM OF FRAME. FRONT SECTION SHALL BE DROPPED TO ALLOW LOW MOUNT ENGINE AND LOW ENTRY CAB.

THE FRAME SHALL HAVE A SUFFICIENT NUMBER OF CROSS MEMBERS TO PROVIDE TORSIONAL RIGIDITY AND TO SUPPORT THE FRAME RAILS WHERE THE FUEL TANK(S) AND REAR SUSPENSION ASSEMBLIES SHALL BE MOUNTED. A CROSS MEMBER SHALL BE INSTALLED AT THE EXTREME END OF THE FRAME. THE ORIGINAL FRAME SHALL NOT BE ALTERED, LENGTHENED OR MODIFIED IN ANY WAY IN ORDER TO INSTALL THE REFUSE BODY AND/OR MECHANICAL SIDE LOADING DEVICE.

IF HEAT-TREATED FRAME IS PROVIDED, IT SHALL NOT BE HEATED OR WELDED DURING THE BODY OR LIFT INSTALLATION.

TWO FRONT TOW HOOKS SHALL BE CAPABLE OF TOWING FULLY LOADED VEHICLE.

THE FRAME SHALL BE UNCONDITIONALLY GUARANTEED BY MANUFACTURER AGAINST CRACKS FOR 3 YEARS.

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

MAIN RBM = 3,529,000

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

AS SPECIFIED

**GENERAL SPECIFICATIONS
FRONT-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #1**

THE GUARANTEE MUST BE IN WRITING AND SUBMITTED WITH THE BID.

COMPRESSED NATURAL GAS (CNG) SYSTEM: 90 DIESEL GALLON EQUIVALENT (DGE) MINIMUM TYPE III NECK-MOUNTED CYLINDERS SYSTEM WIDTH NOT TO EXCEED WIDTH OF BODY RAIL LENGTH SYSTEM DESIGNED BY A PROFESSIONAL ENGINEER

ALL STRUCTURAL AND PLUMBING COMPONENTS DESIGNED AS PER NFPA 52-2006 EDITION SYSTEM DESIGN ENGINEERED TO MEET 8G REQUIREMENTS PER NFPA 52-2006 EDITION POWDER-COATED ALUMINUM FRAME WITH SIDE IMPACT CRASH PROTECTION

POWDER-COATED ALUMINUM PROTECTIVE COVERS STAINLESS STEEL FUEL LINES STAINLESS STEEL PRD VENT LINES VENT UP AND AWAY FROM THE VEHICLE

FUEL INTERFACE PANEL INCLUDING:

- HIGH PRESSURE GAUGE BEFORE PRESSURE REGULATOR
- LOW PRESSURE GAUGE AFTER PRESSURE REGULATOR
- NGV1 3600 PSI RECEPTACLE WITH DUST CAP
- BACKUP PRESSURE RELIEF VALVE PLUMBED DOWNSTREAM OF PRESSURE REGULATOR
- PRESSURE TRANSDUCER/DASH-MOUNTED ELECTRONIC FUEL GAUGE
- SECONDARY CHECK VALVE AS PER NFPA 52-2006 EDITION OR NEWER EDITION.

TRUCK FUEL TANK MUST BE ROOF MOUNTED, HAVE FUEL "PORT" AT DRIVER'S SIDE AND IN FRONT OF TRUCK, MUST BE CNG WITH A MINIMUM 100-MILE RANGE, MUST BE EQUIVALENT TO A 90 GALLON DIESEL TANK. NO TAILGATE MOUNTED SYSTEMS WILL BE ACCEPTED.

STATE GALLONS PROVIDED: 80 DGE
STATE MILEAGE RANGE: 240 (APPOX)

MUFFLER: MUFFLER SHALL BE HORIZONTAL, WITH NO LESS THAN 4-INCH DIAMETER PIPE. EXHAUST MUST BE BLANKETED IN ALL POSITIONS ON EXHAUST PIPES.

REAR AXLES: AIR SUSPENSION WOULD PREFERRED IF POSSIBLE SHALL BE EQUIVALENT TO A HENDRECKSON HMX 400

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED
80 DGE - MOMENTUM FUEL SYSTEM

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED - HORIZONTAL
MUFFLER BOC W/ RH VERT.
OUTLET
VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

AS SPECIFIED

GENERAL SPECIFICATIONS
FRONT-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #1

SUSPENSION. AXLE RATIO GEARED 5.86 to 1. SHALL HAVE TIRES AND WHEELS TO MATCH. RATED AT MIN. 20,000 LBS. PER AXLE.

FRONT AXLE: SHALL HAVE A RATED CAPACITY OF NOT LESS THAN 20,000 LBS. HEAVY DUTY SHOCK ABSORBERS SHALL BE

PROVIDED. MFS 20 WITH THE MOST FACTORY AMOUNT AVAILABLE 45 DEGREE WHEEL CUT (MAX WHEEL CUT).

FRONT TIRES: TO BE 315/80R22.5 RADIAL WITH L LOAD RATING, TUBELESS. WITH AN ADDITIONAL SPARE WITH RIM. ALL POSITION TREAD TIRES.

REAR TIRES: TO BE 315/80R 22.5 ALL POSITION TREAD TIRES, RADIAL WITH G LOAD RATING, DRIVE TREAD, TUBELESS.

ALL RIMS TO BE ALUMINUM WITH DURA-BRIGHT FINISH IN ALL POSITIONS.

STATE TIRE MAKE AND MODEL GOODYEAR G289 WHA

STEERING: POWER STEERING SHALL BE FACTORY FURNISHED RATED TO AXLE CAPACITY.

BRAKES: DISC BRAKES (BENDIX PREFERRED) ARE PREFERRED IF POSSIBLE IN ALL POSITIONS.
ALL AIR FITTINGS TO BE NUT AND FERRELL TYPE CONNECTIONS

BRAKES: TO BE AIR OPERATED AND CONFORM TO DEPARTMENT OF TRANSPORTATION RULES AND REGULATIONS AND CALIFORNIA MOTOR VEHICLE CODE IN ALL RESPECTS. SELF-ADJUSTING "S" CAM TYPE (WEDGE TYPE WILL NOT BE ACCEPTABLE).

- A. "REFUSE SPECIAL" OVER-SIZED FRONT BRAKES - MINIMUM 16 ½" X 7" CAM TYPE WITH 20 SQ. INCH CHAMBERS.
- B. **NOTE: MUST HAVE MGM P/N 143082 (WITH THREADED ROD) AND 1.38 THREADED CLEVIS, COMPATIBLE WITH THE MERITOR SLACK ADJUSTER. FRONT BRAKES MUST BE TYPE "30" AIR CHAMBER.**

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

50 DEGREE WHEEL CUT
*AUTOCAR HAS THE BEST IN CLASS
TURNING RADIUS
AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

**GENERAL SPECIFICATIONS
FRONT-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #1**

B. "REFUSE SPECIAL" OVER-SIZED REAR BRAKES - MINIMUM 16 ½" X 8.61" CAM TYPE WITH 30 SQ. INCH CHAMBERS WITH OUTBOARD CENTRIFUGE DRUMS. **NOTE: MUST HAVE MGM P/N 143082 (WITH THREADED ROD) AND 1.38 THREADED CLEVIS, COMPATIBLE WITH THE MERITOR SLACK ADJUSTER. REAR BRAKES MUST BE TYPE "30" AIR CHAMBER. ALL BRAKE DRUMS MUST BE "WEBB VORTEX" UNLIMITED**

C. THE AIR COMPRESSOR SHALL HAVE A CAPACITY OF NOT LESS THAN 18.7 C.F.M. (MINIMUM). THE DISCHARGE LINE OF THE AIR COMPRESSOR SHALL BE BRAIDED; TUBING COMING DIRECTLY FROM THE COMPRESSOR SHALL NOT BE ACCEPTED. MIDLAND BERG OR BENDIX TU FLO 600 OR APPROVED EQUAL.

D. THE VEHICLE SHALL BE EQUIPPED WITH PIGGYBACK MOUNTED SPRING ACTUATED DUAL DIAPHRAGM CHAMBER SYSTEM, WITH QUICK RELEASE VALVES LOCATED ON OR NEAR THE REAR AXLE FOR IMMEDIATE APPLICATION OF THE SPRING BRAKE WHEN APPLIED FROM THE CAB. ANCHORLOK, OR APPROVED EQUAL.

E. THE SPRING-TYPE EMERGENCY BRAKE WITH WARNING LIGHT VISIBLE TO OPERATOR WHILE DRIVING SHALL BE CAPABLE OF HOLDING THE LOADED UNIT AT THE MAXIMUM LEGAL CAPACITY ON A 20% GRADE WITHOUT CREEPING.

F. THE SYSTEM SHALL HAVE BENDIX MODEL AD9 OR EQUAL AIR DRYER INSTALLED.

REBUILDABLE AIR DRYER WITH CYCLE SPITTER VALVE. BENDIX ONLY.

G. TRUCK SHALL BE EQUIPPED WITH A DELPHI FORE WARNING SYSTEM" OR EQUIVALENT.

H. ANTI-LOCK BRAKES SHALL BE INSTALLED. THE BRAKE SYSTEM SHALL CONFORM TO ALL CURRENT STATE AND FEDERAL CODES.

RADIATOR: 1400 SQUARE INCH RADIATOR TO BE OF EXTRA COOLING CAPACITY AND SHALL BE HEAVY DUTY

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED - WABCO 1800P

AS SPECIFIED

AS SPECIFIED - AUTOCAR DIGITAL DISPLAY

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC
1300 SQ. IN 2-ROW HIGH
CAPACITY

**GENERAL SPECIFICATIONS
FRONT-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #1**

DESIGN. THE RADIATOR SHALL NOT HAVE SHUTTERS. ALL COOLANT AND HEATER HOSES SHALL BE SILICONE, BUG SCREEN.

MUST HAVE A "CITY" RADIATOR WITH SCREEN.

ALTERNATOR: MINIMUM 12-VOLT 200 AMP.

BATTERIES: THREE (3) EACH HEAVY DUTY MAINTENANCE FREE BATTERIES SHALL BE FURNISHED. THE CAPACITY OF EACH SHALL BE 625 COLD-CRANKING AMPERES MINIMUM. THE BIDDER SHALL SPECIFY THE NUMBER OF BATTERIES AS WELL AS THEIR INDIVIDUAL AND COMBINED AMPERE HOUR RATING. .VEHICLE MUST ALSO BE EQUIPPED WITH AN EXTERNAL JUMP STARTING POSTS. TO ELIMINATE HAVING TO REMOVE THE BATTERY BOX COVER TO JUMP START THE VEHICLE. BATTERY DISCONNECT SWITCH COLE HERSEE #M290-05, MOUNTED AT BATTERY BOX WITH EASY ACCESS AND PERMANENTLY MARKED ON/OFF FACE PLATE.

HOURMETER/TACHOMETER: FACTORY INSTALLATION REQUIRED.

LIGHTING: ALL LIGHTS AND OTHER DEVICES SHALL CONFORM TO CURRENT STATE AND FEDERAL CODES.

ALL MARKERS, TAIL & TURN SIGNALS MUST BE L.E.D.

SEATS AND DOORS: SEATS TO BE AIR SUSPENSION TYPE (DRIVER SEAT ONLY), ADJUSTABLE TO PROVIDE COMFORT AND ALLOW ENTRY AND EXIT FROM THE CAB WITHOUT USE OF A COLUMN. SAFETY SEAT BELTS, OUTSIDE BELTS TO EQUIPPED WITH BOOT-TYPE RETRACTOR. BOTH DOORS SHALL ALLOW OCCUPANT TO SEE THROUGH AMPLE WINDOWS IN BOTTOM HALF OF DOORS. DOOR HINGES TO BE STREUCTURAL STEEL AND WAY ADJUSTABLE.

MIRRORS: TO BE POWERED AND HEATED IN ALL POSITIONS. TO BE OF RECTANGULAR, BUS TYPE, AND ONE MOUNTED ON EACH SIDE OF CAB. MIRRORS SHALL HAVE MINIMUM

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

GENERAL SPECIFICATIONS
FRONT-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #1

LENGTH OF 16 INCHES WITH SPOT MIRRORS MOUNTED BENEATH. ALL ARMS TO BE RETRACTABLE TO FOLD AT IMPACT WITHOUT DAMAGING DOOR.

EXTERIOR GRAB HANDLES: LOCATED TO FACILITATE EASY AND SAFE ENTRY TO CAB ON RIGHT AND LEFT SIDE.

AUDIO & VISION SYSTEM:
CAR VISION SYSTEM TO BE MANUFACTURED BY INTEC, THIS SYSTEM MUST BE THE NEWEST MODEL IN COLOR AND MUST HAVE 3 CAMERAS ALL WITH RAIN SHIELDS
CAMERA 1 SHALL BE MOUNTED IN THE CENTER OF REAR DOOR. CAMERA 2 ALLEY CAMERA TO BE MOUNTED ON EACH SIDE OF REAR DOOR. THE CAMERA SHALL BE PROTECTED AND WILL BE EFFECTIVE WHILE BODY IS ELEVATED. THE CAMERA SYSTEM SHALL BE MOUNTED BY BODY MANUFACTURER.
COLOR MONITOR NEEDS VISOR FOR SUN. MONITOR MOUNTED ON THE DASH.

HEATER: HOT WATER CAB FRESH AIR HEATER AND DEFROSTER WITH VARIABLE SPEED SWITCH SHALL BE FURNISHED.

AIR CONDITIONER: FACTORY INSTALLED. NO ROOF MOUNT.

SUN VISORS INTERIOR : TWO EACH TO BE MOUNTED ON THE CAB INTERIOR, ONE ON THE RIGHT SIDE AND ONE ON THE LEFT SIDE.

RADIO: AM/FM/CD REQUIRED, FACTORY INSTALLED.

EQUIPMENT: TO BE EQUIPPED WITH AMPMETER, SPEEDOMETER, LOW AIR ALARM, OIL PRESSURE GAUGE, HOUR METER, ENGINE TEMPERATURE GAUGE, AND ELECTRIC HORN AND DUAL AIR HORNS, INTERIOR GRAB HANDLES, AND ALL SAFETY FEATURES REQUIRED BY THE STATE OF CALIFORNIA. THE BACK-UP ALARM MUST BE CERTIFIED FOR USE ON REFUSE COLLECTION TRUCKS.

THE VEHICLE SHALL BE EQUIPPED WITH MUD FLAPS AT THE FRONT WHEELS SUFFICIENT TO PROTECT THE CAB AND REFUSE BODY FROM ROAD DIRT AND FROM THE FRONT TIRES.

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED - INTEC

*OPTION - FOR AWTI 3rd EYE SAFETY VISION CAMERA SYSTEM DEDUCT (-\$950.00) FROM BID PRICE.

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

AS SPECIFIED

GENERAL SPECIFICATIONS
FRONT-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #1

DUAL REAR WHEEL MUD FLAPS SHALL BE REQUIRED AND MOUNTED ON REAR DOOR, NO EXCEPTIONS.

REAR MUD FLAPS MUST BE INSTALLED ON REAR TAIL GATE.

THE VEHICLE SHALL BE EQUIPPED WITH AN EXTERNAL AUDIBLE WARNING SIGNAL CONFORMING TO SAE J994 TYPE A, B, OR C INDICATING WHEN THE VEHICLE IS IN REVERSE. THE ALARM MUST BE AUTOMATIC AND SOUND IMMEDIATELY UPON BACKING, BED UP WARNING LIGHTS, MID BODY SIDE TURNING LIGHTS.

CONTROLS: SAFETY LIGHT TO INDICATE ON/OFF STATUS OF HYDRAULIC SYSTEM.

ENGINE AND VEHICLE SPEED TO BE ELECTRONICALLY CONTROLLED BY ENGINE TO PROVIDE HYDRAULIC OVERSPEED PROTECTION.

ELECTRICAL WIRING TO BE IN CONDUIT.

AIR CLEANER: FACTORY EQUIPPED WITH PRE-CLEANER. IT SHALL BE A HEAVY DUTY 16" DRY TYPE WITH REPLACEABLE ELEMENT. IT SHALL HAVE THE LARGEST FILTER AREA AVAILABLE.

ENCLOSED FRONT-LOADING REFUSE COLLECTION BODY

INTENT: IT IS THE INTENT OF THIS SPECIFICATION TO DESCRIBE A HYDRAULICALLY ACTUATED REFUSE PACKER BODY WITH THE FOLLOWING MINIMUM SPECIFICATIONS CONSIDERED NECESSARY TO PERFORM THE WORK ASSIGNED AND WILL BE THE PRODUCT OF A MANUFACTURER ACTIVELY ENGAGED IN THE PRODUCTION OF REFUSE COLLECTION EQUIPMENT AND WILL EMBODY THEIR LATEST IMPROVEMENTS IN DESIGN AND CONSTRUCTION. BODY MANUFACTURER MUST MEET WITH ENGINE MANUFACTURER AND CITY REPRESENTATIVE FOR FINAL APPROVAL OF TANKS AND LOCATION.

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

2019 NEW WAY MAMMOTH
COMMERCIAL FRONT END
LOADER.

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

GENERAL SPECIFICATIONS
FRONT-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #1

GENERAL: THE BODY SHALL BE MOUNTED IN A STATIONARY MANNER THAT DOES NOT REQUIRE THE BODY TO BE TILTED IN ORDER TO DISCHARGE REFUSE (PUSH OUT ONLY). THE BODY SHALL BE OF A DESIGN SUCH THAT NO CUTTING, WELDING AND/OR MATERIAL MODIFICATION OF A STANDARD CHASSIS FRAME FORWARD OF THE REAR AXLE(S) IS REQUIRED TO MOUNT THE BODY. THE BODY SHALL BE EQUIPPED WITH A FRONT LOADING CONTAINER HANDLING DEVICE CAPABLE OF ENGAGING, RAISING, DISCHARGING, LOWERING AND DISENGAGING STANDARD SQUARED METAL CONTAINERS OF 1 THROUGH 6 CUBIC YARD SIZE WITH THE OPERATOR REMAINING IN THE CAB OF CHASSIS THROUGHOUT THE ENTIRE CYCLE.

BOTH FRONT FORKS MUST MOVE AND BE CONTROLLED FROM INSIDE THE CAB AND BODY HEIGHT NOT TO EXCEED 13'6". ALSO A RETURN PACKER BUTTON ON OUTSIDE CONTROL AND THROTTLE CONTROL ON OUTSIDE. INSIDE AND OUTSIDE CONTROLS MUST BE AN AIR OPERATED TWO STICK OPERATION (NO JOY STICK).

THE UNIT BEING BID MUST HAVE BEEN DEMONSTRATED TO THE CITY PRIOR TO BID OPENING. BODY BEING BID MUST NOT BE A PROTO-TYPE AND MUST HAVE A LIFE EXPECTANCY OF BETWEEN 8 AND 10 YEARS.

PAYLOAD: THE BODY AND CHASSIS SHALL BE CAPABLE OF PROVIDING A **22,000 POUNDS / 11.0 TONS** LEGAL PAYLOAD. MUST MEET BRIDGE LAW REQUIREMENTS TO LOAD SPECIFIED TONNAGE.

STATE PAYLOAD: 11 TON

BODY SERVICE HOIST: MUST BE FACTORY INSTALLED BODY SERVICE LIFT PUMP TO BE GUARANTEED FOR MINIMUM OF TWO YEARS.

BODY - CAPACITY: THE BODY AND HOPPER SHALL HAVE A COMBINED GROSS CAPACITY OF 44 CUBIC YARDS, INCLUDING HOPPER.

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

+ OR - 5%

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

**GENERAL SPECIFICATIONS
FRONT-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #1**

BODY MATERIALS: THE BODY SHALL BE CONSTRUCTED FROM THE FOLLOWING MATERIALS:

HOPPER:

THE HOPPER SHALL HAVE A MINIMUM CAPACITY OF 12 CUBIC YARDS.

THE HOPPER FLOOR SHALL BE CONSTRUCTED OF ¼” AR400, 200,000 PSI.

THE LOWER HOPPER SIDES SHALL BE CONSTRUCTED OF 3/16” AR400 STEEL 200,000 PSI FORMED TO A RADIUS FOR ADDITIONAL STRENGTH. STRAIGHT HOPPER SIDES NOT ACCEPTABLE.

THE UPPER HOPPER SIDE SHALL BE CONSTRUCTED 3/16” GA HI-TENSILE STEEL.

THE HOPPER FRONT SHALL BE ENCLOSED WITH EXPANDED METAL FOR VIEWING BEHIND THE PACKER BLADE AND TO PREVENT TRASH FROM BLOWING OUT.

THE HOPPER SHALL BE LINED WITH SIX (6) ¼” AND 3/8” AR400 WEAR STRIPS TO MATCH THE WEAR STRIPS ON THE PACKER BLADE. PLOW STEEL WEAR STRIPS ARE NOT ACCEPTABLE.

THERE SHALL BE A HYDRAULIC SLIDING HOPPER COVER CONSTRUCTED OF 10GA 50K HI-TENSILE AND REINFORCED WITH 2” X 2” TUBE.

THE HOPPER COVER SHALL BE POWERED BY A ONE (1) 2 ½” X 80” DOUBLE ACTING HYDRAULIC CYLINDER FRONTLOADER.

EJECTOR: LOWER PACKING FACE: ¼” AR 200
PACKING PANEL FLOOR TRACKS: ¼” HS STEEL
WEAR STRIPS: ½” AR 400

BODY:

BODY: MANUFACTURER’S LIMITED WARRANTY SHALL APPLY FOR A PERIOD OF ONE YEAR AFTER DATE OF ACCEPTANCE OF THE UNIT.

CYLINDERS—2 YEARS

HOPPER LIGHTS (INSERT INTO ELECTRICAL IF DESIRED).

TWO LED LAMPS. THE LIGHTS SHALL BE CAPABLE OF ILLULMINATING THE HOPPER. A SWITCH IN THE CAB OF THE CHASSIS WILL ACTIVATE THE LIGHTS.

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

*OPTION - ADDITIONAL 3 YR. CYLINDER WARRANTY ADD \$4,900.00 TO BID PRICE (NON-TAXABLE).

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

**GENERAL SPECIFICATIONS
FRONT-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #1**

FRONT LOADER

THE LOAD ARM CYCLE TIME SHALL NOT BE MORE THAN 12 SECONDS

THE LIFT ARMS SHALL BE POWERED BY TWO (2) 5" X 36" DOUBLE ACTING CYLINDERS WITH 2 ½" RODS

THE ARM PIVOT SHAFT SHALL BE CONSTRUCTED OF 4 ½" OD WALL

DOM TUBING

THE PIVOT BUSHINGS SHALL HAVE AT LEAST FOUR SPLIT TYPE

BRONZE BUSHINGS TO PREVENT WEAR.

THE FORKS SHALL BE CONSTRUCTED OF 1 ¼" HI-TENSILE PLATE, 53" LONG AND TAPERED AT THE END.

FRONT-LOADER:

FRONTLOADER (EJECT) REFUSE COLLECTION TRUCK BODY FORK CROSS SHAFT MUST BE BOLT ON STYLE OR WELDED THE FORKS AT THE DUMP POSITION SHALL NOT EXCEED 13'6" ABOVE THE GROUND.

THE FORK ROTATION SHALL BE ACCOMPLISHED BY TWO (2) 4" DOUBLE ACTING HYDRAULIC CYLINDERS, 24" STROKE, WITH A MINIMUM 2" ROD.

THE FORK PIVOT SHAFT SHALL BE CONSTRUCTED OF 4 ½" OD X 11/2" WALL DOM TUBE.

THE FORK BUSHINGS SHALL BE OF THE SPLIT BRASS TYPE BOLTED TO THE ARMS WITH FOUR (4) ¾" GRADE 8 BOLTS ON EACH SIDE.

THERE SHALL BE UHMW ARM SCUFF PLATES MOUNTED TO THE UPPER HOPPER SIDES.

TAILGATE: TAILGATE REAR AND SIDE WALLS:

11 GAUGE AR 400

TAILGATE SEAL EXTENDS: 31"

MUST HAVE CONTAINMENT AREA UNDER REAR DOOR SEAL.

ARM ASSEMBLY:

ARMS MUST BE WELD ON STYLE

THE ARMS SHALL BE OF FABRICATED TUBE DESIGN AND

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

GENERAL SPECIFICATIONS
FRONT-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #1

SHALL BE 8 ½" IN HEIGHT AND 2 ½" IN OVERALL WIDTH. BOTH DIMENSIONS ARE TO BE UNIFORM THROUGHOUT THE ARM. THE ARM IS COMPRISED OF 2" X 1" UPPER AND LOWER CONTINUOUS FLAT BAR. (MULTIPLE PIECES WELDED FLAT BAR IS UNACCEPTABLE). THE ARM SHALL ALSO BE REINFORCED INTERNALLY WITH ¼" X 1 ½" FLAT BAR EVERY 18" THROUGHOUT THE ARMS. THE ARMS SHALL BE COVERED WITH ½" T-1 STEEL.

FORK ASSEMBLY: FORK TORQUE TUBE: 4" OD W/ 3/8" WALL THICKNESS.

FORK TINE CONSTRUCTION: 1 ¼" MILD STEEL HYDRAULIC EQUALLY ADJUSTABLE FORKS ADAPTED FOR SIDE POCKETS.

CAB SHIELD: 14 GAUGE HS STEEL – CAB SHIELD MUST BE MOUNTED FROM THE TOP OF BODY AND TO PROTECT THE COMPLETE SURFACE OF CAB. TO BE WELD BE WELDED IN POSTITIONS.

HYDRAULIC PUMP: THE HYDRAULIC PUMP SHALL BE COMMERCIAL WITH A MAXIMUM OPERATING PRESSURE OF 2500 PSI (54 GPM @1500 RPMs). 35 VALVE SECTION, A 50 GALLON OIL RESERVOIR.

THE HYDRAULIC SYSTEM: WILL HAVE A PROTECTED COOLER AND COOLING FAN TO KEEP THE HYDRAULIC OIL TO AN ACCEPTABLE MANUFACTURES TEMPERATURE RATING FOR SAFE OPERATIONS.

TANK: MUST BE FRAME MOUNTED.

CONTROLS

THE OPERATING CONTROLS SHALL BE LOCATED IN THE CAB EASILY ACCESSIBLE TO THE DRIVER.

THE FORK AND ARM FUNCTION SHALL BE CONTROLLED BY TWO (2) 2 WAY (FORWARD & BACK) METERING AIR CONTROLLERS BOLTED TOGETHER ALONG WITH THE PUMP CONTROL.

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

GENERAL SPECIFICATIONS
FRONT-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #1

THE CONTROLLER SHALL COMMUNICATE WITH THE HYDRAULIC VALVE AIR SHIFTERS IN A METERING FUNCTION TO PROVIDE BETTER CONTROL IN THE LOADING PROCESS. THE PACKER, HOPPER COVER, AND REAR DOOR OPERATION SHALL BE CONTROLLED BY A FOUR (4) WAY, THREE (3) POSITION AIR TOGGLE VALVES.

THE REAR DOOR SHALL NOT OPERATE WITHOUT DEPRESSING A SAFETY AIR TOGGLE VALVE IN CONJUNCTION WITH THE TAILGATE TOGGLE SWITCH TO PREVENT ACCIDENTAL OPERATING OF THE REAR DOOR. IT MUST HAVE A TWO BUTTON OPERATION. (OR APPROVED EQUIVALENT)

THE ARM CONTROL SHALL HAVE AN INTERLOCK TO PREVENT DUMPING BIN (S) DURING THE PACKING CYCLE OR BEHIND THE PACKER BLADE.

OUTSIDE LEFT SIDE/ DRIVER SIDE ARM/FORKS/PACKER CONTROLS

HYDRAULIC CYLINDERS: HYDRAULIC CYLINDERS MUST HAVE FIVE-YEAR WARRANTY.

CONTAINER HANDLING DEVICE: THE CONTAINER HANDLING DEVICE SHALL BE CAPABLE OF LIFTING 8,000 POUNDS.

PACKER: HALF PACK SYSTEM IS PREFERRED, TRUCK (S) TO BE PROVIDED WITH AUTO PACKER SYSTEM WITH INSIDE AND OUTSIDE CONTROLS. OUTSIDE CONTROLS MUST BE LOCATED ON LEFT (STREET) SIDE NEAR FRONT OF BODY. MODE SWITCH 1-2-3 PACKER CYCLE IS PREFERRED.

BODY HEIGHT: THE OVERALL BODY HEIGHT ABOVE THE FRAME SHALL NOT TO EXCEED 13' 6" WHEN ARMS AND FORKS ARE STOWED.

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

GENERAL SPECIFICATIONS
FRONT-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #1

FEATURES: BODY SHALL/MUST INCLUDE THE FOLLOWING FEATURES:

1. MECHANICAL LIMIT SWITCHES
2. FUNCTION CODED CHASSIS HARNESS
3. ACCESS LADDER WITH THREE POINT CONTACT TO SIDE DOOR WITH PTO TURN OFF SWITCH
4. WELDED-ON CANOPY
5. REMOVABLE TOP DOOR COVER
6. HIGH WEAR BODY SERVICE LIFT
7. HYDRAULIC OVERSPEED CONTROL
8. CURBSIDE ACCESS TO THE TOP OF BODY WITH FOLD UP LADDER
9. HYDRAULICALLY CONTROLLED TOP DOOR IS MANDATORY.
10. ALL HOSES SHALL BE STAUF CLAMPED
11. EXPANDED/SOILD METAL SCREEN AT FRONT OF BODY TO PROTECT ENGINE FROM DEBRIS.
12. DRIP PAN UNDER REAR DOOR
13. ACCESS DOOR FOR "CLEAN-OUT" MUST HAVE SWITCH TO STOP PTO OPERATION WHEN OPENED.(FULL BLADE ONLY)
14. CONTROL BOX COVER(S): THERE MUST BE REMOVABLE WATER RESIDENT CLOTH COVERS CAPABLE OF STOPPING RAIN AND ANY HIGH PRESSURE TRUCK WASHING SYSTEM.

BODY LIGHTING: A MID BODY TURN SIGNAL. ALL LIGHTS TO BE LED. ALL MARKERS, TAIL AND TURN SIGNALS AS REQUIRED.

LED STROBES ON REAR DOOR, SIDE AND FRONT LIGHTS.

PAINT (CAB & BODY): AFTER THE ENCLOSED STEEL REFUSE BODY HAS BEEN FABRICATED AND INSTALLED ON THE CHASSIS, THREE (3) COATS OF PAINT SHALL BE APPLIED TO ALL EXTERIOR EXPOSED SURFACES. HOWEVER, SHOULD THE MANUFACTURER OF THE BODY BE EQUIPPED FOR PAINTING AND COATING WITH ENAMEL

YOUR SPECIFICATIONS

AS SPECIFIED 1-14

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

**GENERAL SPECIFICATIONS
FRONT-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #1**

BAKED TO THE BODY, SUCH A PROCESS MAY BE SUBSTITUTED FOR THE THREE COATS OF PAINT.

THE FIRST COAT OF PAINT APPLIED SHALL BE SUITABLE RUST-RESISTANT HIGH SOLIDS EPOXY PRIME COAT AND THE TWO (2) COLOR COATS APPLIED SHALL BE BRINE PROOF PAINT WHICH WILL DRY AND FINISH IN A COLOR OF SHERWIN-WILLIAMS #42075 WHITE, OR AN APPROVED EQUAL. FINISH COAT TO BE AKSO COATING'S SIKKENS HIGH SOLIDS ACRYLIC URETHANE.

PRIOR TO APPLYING THE ENAMEL TO BE BAKED ON THE BODY, A PRIME COAT OF RUST RESISTANT HIGH SOLIDS EPOXY PAINT SHALL BE APPLIED TO ALL SAID EXTERIOR BODY SURFACES AND ALLOWED TO DRY. AFTER THE PRIME COAT IS DRY, THE ENAMEL SHALL BE APPLIED TO ALL SUCH SURFACES AND THE BODY SHALL BE PLACED IN THE OVEN AND BE OVEN-HEATED TO THE REQUIRED TEMPERATURE. THE COATED BODY SHALL REMAIN IN SAID HEATED OVEN THE LENGTH OF TIME AND AT THE TEMPERATURE SPECIFIED BY THE OVEN MANUFACTURER FOR THE ENAMEL USED.

ALL COMPONENTS TO BE SHOT BLASTED PRIOR TO PRIMING.

ACCENT MARKINGS: TWO PAINTED (2) 6" HORIZONTAL STRIPES, LENGTH OF REFUSE BODY AND CAB. COLORS SHALL BE SHERMAN-WILLIAMS #42109 BLUE AND #50635 GOLD OR APPROVED EQUALS. EXACT LOCATION TO BE DETERMINED AT THE TIME OF BID AWARD.

TRAINING: BEFORE EACH PIECE OF EQUIPMENT IS ACCEPTED FOR PAYMENT, THE VENDOR SHALL PROVIDE A 2-3 DAY TRAINING CLASS AT THE CITY OF GLENDALE PUBLIC WORKS YARD. CLASS SHALL TRAIN MECHANICS AND SERVICEMEN IN THE REGULAR REPAIR, MAINTENANCE, AND SERVICE OF THE EQUIPMENT. FURTHERMORE, THE BIDDER SHALL MAINTAIN A STAFF OF QUALIFIED PERSONNEL AVAILABLE AT ALL TIMES DURING NORMAL WORKING HOURS TO CONSULT WITH THE USER, DIAGNOSE PROBLEMS, AND TO ADVISE THEIR REPAIR AND MAINTENANCE. PROVIDE A COORDINATOR TO

YOUR SPECIFICATIONS
AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

GENERAL SPECIFICATIONS
FRONT-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #1

AUTOMATICALLY SEQUENCE AND COORDINATE CONTROLS TO ASSURE THAT FUNCTIONS ARE OPERATED CONJUNCTIVELY TO ASSURE FAST, SMOOTH CYCLES.

TRAINING FOR DRIVERS.

CAB/CHASSIS AND BODY MANUALS: COMPLETE AND ACCURATE COPIES (2 SETS) OF THE FOLLOWING ITEMS SHALL BE FURNISHED AT THE TIME OF DELIVERY OF THE COMPLETED UNIT(S) TO THE CITY OF GLENDALE. ALL INFORMATION TO BE PROVIDED ON CD ROM.

1. OPERATOR'S INSTRUCTION MANUAL;
2. MAINTENANCE MANUALS;
3. ILLUSTRATED PARTS BOOK;
4. HYDRAULIC DIAGRAMS.

DELIVERY: UPON AWARD, SUCCESSFUL BIDDER MUST PROVIDE DELIVERY OF THE COMPLETED UNIT WITH REFUSE BODY AND CAMERA SYSTEM INSTALLED WITHIN 180 DAYS OF AWARD.

INSPECTION: THE COMPLETED UNITS MUST BE INSPECTED BY 2 INTEGRATED WASTE MANAGEMENT SUPERVISORS AND MECHANICAL MAINTENANCE PRIOR TO PAINTING AND DELIVERY TO GLENDALE.

THIS WILL FACILITATE MAKING ANY NECESSARY CORRECTIONS AND MODIFICATIONS TO BRING THE UNIT INTO COMPLIANCE WITH THESE SPECIFICATIONS. THIS INSPECTION WILL BE DONE AT THE BODY MANUFACTURERS FACILITY AND ANY COST TO TRAVEL TO MANUFACTORY WILL BE PAID FOR BY WINNING BIDDER. DEALER SITE DOES NOT CONSTITUTE TOTAL ACCEPTANCE UNTIL: **“VEHICLE(S) MUST OPERATE FOR 30 CONTINUOUS CALENDAR DAYS WITHOUT BREAKDOWN BEFORE PAYMENT WILL BE AUTHORIZED BY CITY OF GLENDALE.”**

REGISTRATION AND PLATES TO BE PROVIDED BY DEALER.

ALL APPLICABLE FEDERAL AND STATE REBATES AND TAX CREDITS MUST BE PASSED ON TO THE CITY OF GLENDALE.

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED 180-210 DAYS ARO

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

AS SPECIFIED

GENERAL SPECIFICATIONS
20-YARD REAR-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #2

INTENT OF SPECIFICATIONS: THIS SPECIFICATION IS INTENDED TO BE A GUIDE TO DESCRIBE THE SIZE, CAPACITY AND PERFORMANCE DESIRED. THE TRUCK IS TO BE A HEAVY VEHICLE CAPABLE OF HAULING A LOADED 20 CUBIC YARD REAR-LOADING REFUSE BODY AT SPEEDS TO 55 MPH WITH POWER TO PULL IN AND OUT OF LANDFILLS.

GENERAL SPECIFICATIONS: 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 A 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 MATERIALS, AND WORKMANSHIP. ASSEMBLIES, SUBASSEMBLIES AND COMPONENT PARTS SHALL BE STANDARD AND INTERCHANGEABLE THROUGHOUT THE ENTIRE UNIT AS SPECIFIED IN THIS INVITATION TO BID.

NOTE: INSTALLATION OF ALL EQUIPMENT BY CHASSIS OR BODY MANUFACTURE SHALL CONFORM TO APPLICABLE REQUIREMENTS OF ANSI, C.A.P.P. AND CAL-OSHA.

BID EXCEPTIONS: VENDOR MUST INDICATE AT THE RIGHT, IN THE SPACE PROVIDED, THE MODIFICATIONS THEY ARE TAKING TO THESE SPECIFICATIONS. THIS SHALL INCLUDE BUT NOT LIMITED TO MINOR DIMENSION CHANGE, MANUFACTURERS AND THEIR NUMBERS, OR OTHER DATA, WHICH MAY BE DIFFERENT. WORDS, PHRASES LIKE "AS SPECIFIED", "SAME", "NO DEVIATION", ETC. SHALL BE INTERPRETED TO MEAN WHAT IS WRITTEN IS WHAT SHALL BE RECEIVED. BID MAY BE REJECTED FOR FAILURE TO COMPLY.

CAB AND CHASSIS: MAXIMUM HEIGHT OF TRUCK IS TO BE 144" NO EXCEPTIONS TWO-AXLE TANDEM WITH CAB AND CHASSIS. LEFT HAND STEERING ONLY AND READY FOR INSTALLATION FOR A REFUSE COLLECTION REAR PACKER BODY. THE CAB IS TO BE ELECTRO-GALVANIZED FOR RUST PREVENTION OR TO BE HOT-DIPPED IN A RUST PREVENTION SOLUTION AFTER THE ENTIRE CAB HAS BEEN PROPERLY CLEANED OF DIRT, GREASE AND WELD SLAG. ANY OTHER RUST PREVENTION METHOD CAN BE USED IF IT IS AN APPROVED EQUAL.

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

GENERAL SPECIFICATIONS
20-YARD REAR-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #2

STATE G.V.W.R: 60,000 LBS.
STATE PAYLOAD: 8 TON + OR - 5%
STATE BRIDGE RATING: 47,000 LBS. FOR 3 AXLE

CAB MODIFICATION: THE TRUCK CAB SHALL BE FACTORY EQUIPPED LEFT-HAND DRIVE, WITH THE LATEST ERGONOMIC INNOVATIONS. CAB MUST HAVE FACTORY TINT REAR WINDOWS.

LOW ENTRY: LOW ENTRY CAB OR APPROVED EQUAL.

ENGINE: LATEST AND MOST UPDATED CNG CUMMINGS FOR REFUSE TRUCKS. EQUIPPED WITH AUTOMATIC ENGINE SHUT DOWN IN THE EVENT OF HIGH ENGINE TEMPERATURE, LOW ENGINE OIL PRESSURE, AND LOW COOLANT LEVEL.

EQUIPPED WITH AUDIBLE AND VISUAL WARNING AND AUTOMATIC ENGINE SHUT DOWN IN THE EVENT OF HIGH ENGINE TEMPERATURE, LOW ENGINE OIL PRESSURE, AND LOW COOLANT LEVEL.

INTEGRAL CONTROL OF VEHICLE SPEED, ENGINE SPEED, AND HYDRAULIC SYSTEM TO BE ELECTRONICALLY CONTROLLED BY THE ENGINE.

VENDOR TO PROVIDE "ON-SITE" SETTINGS OF "CUSTOMER PROGRAMMABLE" FEATURES AFTER DELIVERY OF TRUCK(S).

OIL FILTER(S) SHALL BE MANUFACTURER'S STANDARD FULL FLOW SPIN-ON. VISCOUS FAN DRIVE. MUST MEET CURRENT CALIFORNIA AIR EMISSION LIMITS WITH ELECTRONIC CONTROLS.

ENGINE MAKE CUMMINS

ENGINE MODEL L9N 8.9L LOW NOx

TRANSMISSION: AUTOMATIC COMPATIBLE TO ENGINE ALLISON 6 SPEED WORLD TRANS OR APPROVED EQUAL. AUTOMATIC TRANSMISSION SHALL PROVIDE MAXIMUM CAPACITY OIL COOLER MOUNTED AHEAD OF THE TRUCK RADIATOR. INCLUDE AUTO-NEUTRAL INTERLOCK SYSTEM

YOUR SPECIFICATIONS

AS SPECIFIED

AUTOCAR ACX64

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LBS ANGELES TRUC

GENERAL SPECIFICATIONS
20-YARD REAR-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #2

WHEN PARKING BREAK IS SET. A TRANSMISSION OIL TEMPERATURE GAUGE WITH AN OVERHEATING WARNING LIGHT AND BUZZER SHALL BE INSTALLED. WARNING SYSTEM SET AT 250 DEGREES F. THE TRANSMISSION SHALL BE EQUIPPED WITH A NEUTRAL RANGE SHIFT INDICATOR. IT SHALL INHIBIT THE DRIVER FROM SHIFTING FROM THE NEUTRAL TO DRIVE OR REVERSE RANGES WHEN THE ENGINE RPM EXCEEDS A SET RPM, OR WHEN OTHER INTERLOCK SWITCH IS ENERGIZED. THE SETTING OF RPM SHALL BE DETERMINED BY THE ENGINE/TRANSMISSION OPERATING CRITERIA.

PTO OVER SPEED IN TRANS COMPUTER.

WHEEL BASE:

STATE WHEEL BASE IN INCHES: 152"

CAB TO AXLE LENGTH IN INCHES: 128"

FRAME: THE FRAME SHALL BE HEAVY DUTY, 3/8 STEEL CHANNEL FULL RAILS THAT START AT THE FRONT OF THE FRAME AND CONTINUE UNBROKEN TO THE REAR OF THE FRAME. THE FRAME SHALL BE CONSTRUCTED OF ALLOY STEEL, WITH AN RBM OF NOT LESS THAN 3,200,000 IN LBS. PER RAIL. THE BIDDER SHALL SPECIFY THE RBM OF FRAME.

THE FRAME SHALL HAVE A SUFFICIENT NUMBER OF CROSS MEMBERS TO PROVIDE TORSIONAL RIGIDITY AND TO SUPPORT THE FRAME RAILS WHERE THE FUEL TANK(S) AND REAR SUSPENSION ASSEMBLIES SHALL BE MOUNTED. A CROSS MEMBER SHALL BE INSTALLED AT THE EXTREME END OF THE FRAME. THE ORIGINAL FRAME SHALL NOT BE ALTERED, LENGTHENED OR MODIFIED IN ANY WAY IN ORDER TO INSTALL THE REFUSE BODY.

IF HEAT-TREATED FRAME IS PROVIDED, IT SHALL NOT BE HEATED OR WELDED DURING THE BODY.

TWO FRONT TOW HOOKS SHALL BE CAPABLE OF TOWING FULLY LOADED VEHICLE.

THE FRAME SHALL BE UNCONDITIONALLY GUARANTEED BY MANUFACTURER AGAINST CRACKS FOR THREE (3) YEARS. THE GUARANTEE MUST BE IN WRITING AND SUBMITTED WITH THE BID.

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED
RBM = 3,529,000

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

**GENERAL SPECIFICATIONS
20-YARD REAR-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #2**

**ROOF MOUNTED COMPRESSED NATURAL GAS (CNG) SYSTEM: NOTE: ALL CNG TANKS MUST BE FACTORY INSTALLED EITHER BY CHASSIS OR BODY MANUFACTURER. 75 DIESEL GALLON EQUIVALENT (DGE) MINIMUM TYPE III NECK-MOUNTED CYLINDERS SYSTEM WIDTH:
NOT TO EXCEED WIDTH OF BODY RAIL LENGTH SYSTEM DESIGNED BY A PROFESSIONAL ENGINEER
ALL STRUCTURAL AND PLUMBING COMPONENTS DESIGNED AS PER NFPA 52-2006 EDITION
SYSTEM DESIGN ENGINEERED TO MEET 8G REQUIREMENTS PER NFPA 52-2006 EDITION
POWDER-COATED OR PAINTED ALUMINUM FRAME WITH SIDE IMPACT CRASH PROTECTION
POWDER-COATED OR PAINTED ALUMINUM PROTECTIVE ALL CNG COVERS MUST BE HINGENED WITH A POSITIVE LOCKING SYSTEM.**

**STAINLESS STEEL FUEL LINES
STAINLESS STEEL PRD VENT LINES VENT UP AND AWAY FROM THE VEHICLE**

**FUEL INTERFACE PANEL INCLUDING:
HIGH PRESSURE GAUGE BEFORE PRESSURE REGULATOR
LOW PRESSURE GAUGE AFTER PRESSURE REGULATOR
NGV1 3600 PSI RECEPTACLE WITH DUST CAP
BACKUP PRESSURE RELIEF VALVE PLUMBED DOWNSTREAM OF PRESSURE REGULATOR
PRESSURE TRANSDUCER/DASH-MOUNTED ELECTRONIC FUEL GAUGE
SECONDARY CHECK VALVE AS PER NFPA 52-2006 EDITION OR NEWER EDITION.
DEFUELING VALVE AND CONTROL**

**MUST BE CNG WITH A MINIMUM 100-MILE RANGE, MUST BE EQUIVALENT TO A 75 GALLON DIESEL TANK.
BODY MANUFACTURER MUST MEET WITH ENGINE MANUFACTURER AND CITY REPRESENTATIVE FOR FINAL APPROVAL OF CNG TANKS AND LOCATION.
STATE MILEAGE RANGE: 180 (APPOX)
STATE CNG GALLONS: *60 - 75 DGE**

FRONT BUMPER: TWO (2) PIN SUPPORTED AND BRACED INTO FRONT BUMPER PIN RAILS SHALL BE CAPABLE OF TOWING FULLY LOADED VEHICLE, UP TO 30.0 TONS.

YOUR SPECIFICATIONS

AS SPECIFIED
*60 DGE - MOMENTUM FUEL SYSTEM

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

*CLARIFICATION - CNG FUEL STORAGE LIMITED BY AVAILABLE SPACE ON ROOF. 60 DGE FOR SURE; 75 DGE IS POSSIBLE. NEEDS TO BE CONFIRMED DURING POST AWARD MEETING. LATC WILL PROVIDE 75 DGE AT SAME COST AS 60 DGE SYSTEM IF THERE IS ENOUGH REAL ESTATE ON ROOF BODY

VENDOR NAME:
AS SPECIFIED
LOS ANGELES TRUCK CENTERS, LLC

**GENERAL SPECIFICATIONS
20-YARD REAR-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #2**

MUFFLER: MUFFLER SHALL BE VERTICAL, CURBSIDE, WITH NO LESS THAN 4-INCH DIAMETER PIPE AT A 90% ELBOW. EXHAUST MUST HAVE HEAT PROTECTION (HEAT BLANKET) NO EXCEPTIONS

REAR AXLES: (AIR RIDE IS PREFERRED) SHALL BE EQUIVALENT TO A HENDRECKSON HMX 400 SUSPENSION. AXLE RATIO GEARED 5.86 to 1. SHALL HAVE TIRES AND WHEELS TO MATCH. RATED AT MIN. 20,000 LBS. PER AXLE.

FRONT AXLE: SHALL HAVE A RATED CAPACITY OF NOT LESS THAN 20,000 LBS. HEAVY DUTY SHOCK ABSORBERS SHALL BE PROVIDED WITH MAX WHEEL CUT.

FRONT TIRES: TO BE 315/80R22.5 RADIAL WITH L LOAD RATING, TUBELESS. WITH AN ADDITIONAL SPARE WITH RIM. ALL POSITION TREAD TIRES.

REAR TIRES: TO BE 315/80R 22.5 ALL POSITION TREAD TIRES, RADIAL WITH G LOAD RATING, DRIVE TREAD, TUBELESS.

ALL RIMS TO BE ALUMINUM WITH DURA-BRIGHT FINISH IN ALL POSITIONS.

STATE TIRE MAKE AND MODEL GOODYEAR G289 WHA

STEERING: POWER STEERING SHALL BE FACTORY FURNISHED RATED TO AXLE CAPACITY.

BRAKES: DISC BRAKES (BENDIX PREFERRED) ARE PREFERRED IF POSSIBLE IN ALL POSITIONS. ALL AIR FITTINGS TO BE NUT AND FERRELL TYPE CONNECTIONS

BRAKES: TO BE AIR OPERATED AND CONFORM TO DEPARTMENT OF TRANSPORTATION RULES AND REGULATIONS AND CALIFORNIA MOTOR VEHICLE CODE IN ALL RESPECTS. SELF-ADJUSTING "S" CAM TYPE (WEDGE TYPE WILL NOT BE ACCEPTABLE).

A. "REFUSE SPECIAL" OVER-SIZED DISC FRONT BRAKES - MINIMUM 16 ½" X 7" CAM TYPE WITH 30 SQ. INCH CHAMBERS

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED
HENDRICKSON HMX-400

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

AS SPECIFIED

GENERAL SPECIFICATIONS
20-YARD REAR-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #2

NOTE: MUST HAVE MGM P/N 143082 (WITH THREADED ROD) AND 1.38 THREADED CLEVIS, COMPATIBLE WITH THE MERITOR SLACK ADJUSTER. FRONT BRAKES MUST BE TYPE “30” AIR CHAMBER.

B. “REFUSE SPECIAL” OVER-SIZED DISC REAR BRAKES - MINIMUM 16 ½” X 8.61” CAM TYPE WITH 30 SQ. INCH CHAMBERS WITH OUTBOARD CENTRIFUGE DRUMS. NOTE: MUST HAVE MGM P/N 143082 (WITH THREADED ROD) AND 1.38 THREADED CLEVIS, COMPATIBLE WITH THE MERITOR SLACK ADJUSTER. REAR BRAKES MUST BE TYPE “30” AIR CHAMBER. ALL BRAKE DRUMS MUST BE “WEBB VORTEX” UNLIMITED

C. THE AIR COMPRESSOR SHALL HAVE A CAPACITY OF NOT LESS THAN 18.7 C.F.M. (MINIMUM). THE DISCHARGE LINE OF THE AIR COMPRESSOR SHALL BE BRAIDED; TUBING COMING DIRECTLY FROM THE COMPRESSOR SHALL NOT BE ACCEPTED. MIDLAND BERG, OR BENDIX TU FLO 600 OR APPROVED EQUAL.

D. THE VEHICLE SHALL BE EQUIPPED WITH PIGGYBACK MOUNTED SPRING ACTUATED DUAL DIAPHRAGM CHAMBER SYSTEM, WITH QUICK RELEASE VALVES LOCATED ON OR NEAR THE REAR AXLE FOR IMMEDIATE APPLICATION OF THE SPRING BRAKE WHEN APPLIED FROM THE CAB. ANCHORLOK, OR APPROVED EQUAL.

E. THE SPRING-TYPE EMERGENCY BRAKE WITH WARNING LIGHT VISIBLE TO OPERATOR WHILE DRIVING SHALL BE CAPABLE OF HOLDING THE LOADED UNIT AT THE MAXIMUM LEGAL CAPACITY ON A 20% GRADE WITHOUT CREEPING.

F. THE SYSTEM SHALL HAVE LATEST BENDIX MODEL OR APPROVED EQUAL AIR DRYER INSTALLED.

REBUILDABLE AIR DRYER WITH CYCLE MOISTURE EJECTOR VALVE. BENDIX ONLY.

G. TRUCK SHALL BE EQUIPPED WITH A DELPHI FORE WARNING SYSTEM” OR APPROVED EQUIVALENT.

H. ANTI-LOCK BRAKES SHALL BE INSTALLED. THE BRAKE SYSTEM SHALL CONFORM TO ALL CURRENT STATE AND

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

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AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

AS SPECIFIED

**GENERAL SPECIFICATIONS
20-YARD REAR-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #2**

FEDERAL CODES.

RADIATOR: 1400 SQUARE INCH RADIATOR TO BE OF EXTRA COOLING CAPACITY AND SHALL BE HEAVY DUTY DESIGN. NOT LESS THAN 14 FINS PER LINEAL INCH. THE RADIATOR SHALL NOT HAVE SHUTTERS. ALL COOLANT AND HEATER HOSES SHALL BE SILICONE.

ALTERNATOR: MINIMUM 12-VOLT 200 AMP.

BATTERIES: THREE (3) EACH HEAVY DUTY MAINTENANCE FREE BATTERIES SHALL BE FURNISHED. THE CAPACITY OF EACH SHALL BE 625 COLD-CRANKING AMPERES MINIMUM. THE BIDDER SHALL SPECIFY THE NUMBER OF BATTERIES AS WELL AS THEIR INDIVIDUAL AND COMBINED AMPERE HOUR RATING. MUST HAVE EXTERNAL POSTS FOR JUMP START.

BATTERY DISCONNECT SWITCH COLE HERSEE #M290-05, MOUNTED AT BATTERY BOX WITH EASY ACCESS AND PERMANENTLY MARKED ON/OFF FACE PLATE.

HOURMETER/TACHOMETER: FACTORY INSTALLATION REQUIRED.

LIGHTING: ALL LIGHTS AND OTHER DEVICES SHALL CONFORM TO CURRENT STATE AND FEDERAL CODES.

ALL MARKER, TAIL & TURN SIGNALS MUST BE L.E.D IN ALL POSITIONS.

SEATS AND DOORS: SEATS TO BE AIR SUSPENSION TYPE (DRIVER SEAT ONLY), ADJUSTABLE TO PROVIDE COMFORT AND ALLOW ENTRY AND EXIT FROM THE CAB WITHOUT USE OF A COLUMN. SAFETY SEAT BELTS, OUTSIDE BELTS TO EQUIPPED WITH BOOT-TYPE RETRACTOR. BOTH DOORS SHALL ALLOW OCCUPANT TO SEE THROUGH AMPLE WINDOWS IN BOTTOM HALF OF DOORS. DOOR HINGES TO BE STRUCTURAL STEEL AND WAY ADJUSTABLE. DRIVERS AND PASSENGER WINDOWS ARE TO BE MOTORIZED AND FULLY ADJUSTABLE FROM DRIVERS POSITION.

MIRRORS: **MIRRORS:** TO BE POWERED AND HEATED IN ALL

YOUR SPECIFICATIONS

1300 SQ. IN 2-ROW HIGH CAPACITY
AUTOCAR HAS THE LARGEST
RADIATOR COOLING CAPACITY
1300 SQ. INCHES - BEST IN CLASS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

AS SPECIFIED
LOS ANGELES TRUCK CENTERS, LLC

GENERAL SPECIFICATIONS
20-YARD REAR-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #2

POSITIONS. TO BE OF RECTANGULAR, BUS TYPE, AND ONE MOUNTED ON EACH SIDE OF CAB. MIRRORS SHALL HAVE MINIMUM LENGTH OF 16 INCHES WITH SPOT MIRRORS MOUNTED BENEATH. **ALL ARMS TO BE RETRACTABLE TO FOLD AT IMPACT WITHOUTH DAMAGING DOOR.**

EXTERIOR GRAB HANDLES: LOCATED TO FACILITATE EASY AND SAFE ENTRY TO CAB ON RIGHT AND LEFT SIDE.

AUDIO & VISION SYSTEM:
 CAR VISION SYSTEM TO BE MANUFACTURED BY INTEC, THIS SYSTEM MUST BE THE NEWEST MODEL IN COLOR AND MUST HAVE 3 CAMERAS ALL WITH RAIN SHIELDS CAMERA 1 SHALL BE MOUNTED IN THE CENTER OF REAR DOOR. CAMERA 2 TO BE MOUNTED ON PASSENGER SIDE OF TRUCK. CAMERA 3 ALLEY CAMERA. THE CAMERA SHALL BE PROTECTED AND WILL BE EFFECTIVE WHILE BODY IS ELEVATED. THE CAMERA SYSTEM SHALL BE MOUNTED BY BODY MANUFACTURER. COLOR MONITOR NEEDS VISOR FOR SUN. MONITOR MOUNTED ON THE DASH.

HEATER: HOT WATER CAB FRESH AIR HEATER AND DEFROSTER WITH VARIABLE SPEED SWITCH SHALL BE FURNISHED.

AIR CONDITIONER: FACTORY INSTALLED. NO ROOF MOUNT.

SUN VISORS: TWO EACH TO BE MOUNTED ON THE CAB INTERIOR, ONE ON THE RIGHT SIDE AND ONE ON THE LEFT SIDE.

RADIO: AM/FM/CD REQUIRED, FACTORY INSTALLED.

EQUIPMENT: TO BE EQUIPPED WITH AMPMETER, SPEEDOMETER, LOW AIR ALARM, OIL PRESSURE GAUGE, HOUR METER, ENGINE TEMPERATURE GAUGE, ELECTRIC HORN AND DUAL AIR HORNS, AUTO-NEUTRAL SWITCH WILL BE WIRED "ON"/HOT AT ALL TIMES, INTERIOR GRAB HANDLES, AND ALL SAFETY FEATURES REQUIRED BY THE STATE OF CALIFORNIA. THE BACK-UP ALARM MUST BE CERTIFIED FOR USE ON REFUSE COLLECTION TRUCKS.

THE VEHICLE SHALL BE EQUIPPED WITH MUD FLAPS AT THE FRONT WHEELS SUFFICIENT TO PROTECT THE CAB AND REFUSE BODY FROM ROAD DIRT AND FROM THE FRONT TIRES. DUAL

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

*OPTION - FOR AWTI 3rd EYE SAFETY VISION CAMERA SYSTEM DEDUCT (-\$950.00) FROM BID PRICE.

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

AS SPECIFIED

GENERAL SPECIFICATIONS
20-YARD REAR-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #2

REAR WHEEL MUD FLAPS SHALL BE REQUIRED.

THE VEHICLE SHALL BE EQUIPPED WITH AN EXTERNAL AUDIBLE WARNING SIGNAL CONFORMING TO SAE J994 TYPE A, B, OR C INDICATING WHEN THE VEHICLE IS IN REVERSE. THE ALARM MUST BE AUTOMATIC AND SOUND IMMEDIATELY UPON BACKING, BED UP WARNING LIGHTS, MID BODY SIDE TURNING LIGHTS.

CONTROLS: SAFETY LIGHT TO INDICATE ON/OFF STATUS OF HYDRAULIC SYSTEM.

ENGINE AND VEHICLE SPEED TO BE ELECTRONICALLY CONTROLLED BY ENGINE TO PROVIDE HYDRAULIC OVERSPEED PROTECTION.

ALL ELECTRICAL WIRING TO BE IN CONDUIT.

AIR CLEANER: FACTORY EQUIPPED WITH PRE-CLEANER. IT SHALL BE A HEAVY DUTY 16" DRY TYPE WITH REPLACEABLE ELEMENT. IT SHALL HAVE THE LARGEST FILTER AREA AVAILABLE. MUST HAVE AIR RESTRICTION GAUGE.

ENCLOSED REAR-LOADING REFUSE COLLECTION BODY

INTENT: IT IS THE INTENT OF THIS SPECIFICATION TO DESCRIBE A HYDRAULICALLY ACTUATED REFUSE PACKER BODY WITH THE FOLLOWING MINIMUM SPECIFICATIONS CONSIDERED NECESSARY TO PERFORM THE WORK ASSIGNED AND WILL BE THE PRODUCT OF A MANUFACTURER ACTIVELY ENGAGED IN THE PRODUCTION OF REFUSE COLLECTION EQUIPMENT AND WILL EMBODY THEIR LATEST IMPROVEMENTS IN DESIGN AND CONSTRUCTION. BODY MANUFACTURER MUST MEET WITH ENGINE MANUFACTURER AND CITY REPRESENTATIVE FOR FINAL APPROVAL OF CNG TANKS AND LOCATION.

GENERAL: THE BODY SHALL BE MOUNTED IN A STATIONARY MANNER THAT DOES NOT REQUIRE THE BODY TO BE TILTED IN ORDER TO DISCHARGE REFUSE. THE BODY SHALL BE OF A DESIGN SUCH THAT NO CUTTING, WELDING AND/OR MATERIAL MODIFICATION OF A STANDARD CHASSIS FRAME FORWARD OF

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED
PAK-MOR R220B 20 CY REAR END
LOADER

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

**GENERAL SPECIFICATIONS
20-YARD REAR-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #2**

THE REAR AXLE(S) IS REQUIRED TO MOUNT THE BODY. THE BODY SHALL BE EQUIPPED WITH A REAR-LOADING CONTAINER HANDLING DEVICE. **ALL FRAMES (INBOARD OR OUTBOARD) MOUNTED EQUIPMENT MUST BE VISIBLE FOR INSPECTION.**

THE UNIT BEING BID MUST HAVE BEEN DEMONSTRATED TO THE CITY PRIOR TO BID OPENING. BODY BEING BID MUST NOT BE A PROTO-TYPE AND MUST HAVE A LIFE EXPECTANCY OF BETWEEN 8 AND 10 YEARS.

PAYLOAD: THE BODY AND CHASSIS SHALL BE CAPABLE OF PROVIDING A 8.0 LEGAL PAYLOAD. MUST MEET BRIDGE LAW REQUIREMENTS TO LOAD SPECIFIED TONNAGE

BODY: THE BODY SHALL INCORPORATE A DESIGN TO COLLECT FLUIDS PREVENTING ANY LEAKAGE. THE SHALL BE ADEQUATELY BRACED AT ALL POINTS TO WITHSTAND REPEATED MAXIMUM PACKING PRESSURES WITHOUT DISTORTION. BODY FLOOR SHALL BE A FLAT (SMOOTH) DESIGN. **CAPACITY: 20 CY**

STATE LENGTH: 240"

STATE HEIGHT: 94"

STATE WIDTH: 96"

SHELL:

FLOOR: SHALL BE 10 GAUGE ASTM A-607 GRADE 50 STEEL MINIMUM.

ROOF SHALL BE 12 GAUGE ASTM A-607 GRADE 50 STEEL MINIMUM.

SIDES: SHALL BE 11 GAUGE ASTM A-604 GRADE 50 STEEL MINIMUM

CLEAN OUT DOOR: DOOR SHALL BE LOCATED ON CURB SIDE OF THE BODY, AT FLOOR LEVEL. DOOR SHALL BE NOT LESS 30''X 30'' AND SHALL SWING OUTWARD. DOOR SHALL HAVE A P.T.O. SHUT-OFF INSTALLED WHEN OPENED. ACCESS LATTER WITH THREE POINT CONTACT TO BE PROVIDED.

HOPPER:

REAR OPENING: SHALL BE MINIMUM OF 80'' WIDTH AND 65'' HEIGHT

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

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AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

AS SPECIFIED

**GENERAL SPECIFICATIONS
20-YARD REAR-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #2**

LOAD HEIGHT: SHALL NOT EXCEED: 37" ABOVE THE GROUND LEVEL.

CAPACITY: 3.0 CUBIC YARDS

SIDE SHEETS: SHALL BE 3/16, 100,000 PSI YIELD STRENGTH STEEL
FLOOR: SHALL BE MINIMUM OF ¼", 100,000 PSI YIELD STRENGTH STEEL. STEEL HARDNESS SHALL BE BRINELL HARDNESS OF 265 BHN.

CYCLE TIME: NOT TO EXCEED THIRTY (30) SECONDS

HOPPER BOTTOM: SHALL INCORPORATE A MINIMUM OF THREE (3) EXTERNAL LONGITUDINAL FLAT BAR REINFORCING MEMBER. EACH BAR SHALL BE A MINIMUM 2" THICK AND 4" WIDE.

TAILGATE: SHALL BE TOP HINGED TO THE BODY AT THE ROOF LINE. IT IS TO BE RAISED FOR LOAD EJECTION BY TWO (2) 4" BORE, SINGLE ACTING CYLINDERS MOUNTED ON THE OUTSIDE OF TAILGATE. CYLINDERS SHALL CONTAIN A RESTRICTING MECHANISM TO PREVENT RAPID DECENT OF THE TAILGATE. A RUBBER GASKET SHALL BE AFFIXED TO THE TAILGATE. THE GASKET SHALL BE WATERTIGHT AND EASILY REPLACEABLE. SEALING SHALL BE EFFECTIVE UP TO A MINIMUM OF 42". TAILGATE SHALL BE EQUIPPED WITH A "TAILGATE AJAR" SWITCH WITH INDICATOR LIGHT AND BUZZER IN THE CAB. THE SWITCH WITH COMPLY WITH ANSI STANDARDS. **TAILGATE SHALL BE OPENED AND UNLOCKED BY A IN CAB OPERATION WITH A TWO-BUTTON BY-PASS SWITCH.**

WARNING BUZZER SYSTEM: SHALL BE WATER PROOF INSTALLED AT THE REAR OF THE BODY ON BOTH LEFT AND RIGHT SIDES TO ACTUATE A BUZZER LOCATED NEAR THE DRIVER'S POSITION IN THE CAB. ACCESS TO BUZZER SHALL BE UNBLOCKED BY OBSTRUCTIONS.

RIDING STEPS: SHALL BE PROVIDED ON EACH SIDE OF TAILGATE. VERTICAL AND HORIZONTAL GRAB HANDLES; CAPABLE OF WITHSTANDING 500 LBS. PULL SHALL BE LOCATED IN A CONVENIENT PLACE FOR RIDER SAFETY. ALL REAR HOLD HANDLES AND STEPS WILL BE NON-SKID INSTALLED. STEPS SHALL COMPLY WITH ANSI Z2445-1 STANDARDS.

YOUR SPECIFICATIONS

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

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AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

GENERAL SPECIFICATIONS
20-YARD REAR-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #2

PACKING SYSTEM:

FACE PLATE: SHALL BE ¼", 80,000 PSI YIELD STRENGTH STEEL MINIMUM.

CARRIER PLATE: SHALL BE 3/16", 50,000 PSI YIELD STRENGTH STEEL MINIMUM.

CYLINDERS: SHALL BE 5" BORE SINGLE STAGE.

EJECTION SYSTEM:

FULL EJECTION METHOD ONLY

EJECTION PANEL FACE: SHALL BE A MINIMUM 11 GAUGE, 50,000 PSI YIELD STRENGTH STEEL. THE HEAVY-DUTY PANEL SHALL WITHSTAND THE PACKING MECHANISM FORCES AND THE EJECTION OF HIGHLY COMPACTED REFUSE.

CART FLIPPER: SHALL BE PERKINS MODEL D6098 FOLDING GRABBER ARM LIFTER, ADJUSTMENTS TO BE TO ARM LIFTER BY MECHANICAL TECHNICIAN PERSONNEL ONLY AND NOT USER ACCESSABLE NO EXCEPTIONS.

FIRE EXTINGUISHER: A 20 LBS. DRY CHEMICAL TO BE MOUNTED TO THE BODY (DRIVERSIDE)

BROOM AND SHOVEL HOLDERS: TO BE MOUNTED TO THE BODY LOCATION (CURBSIDE) AND TYPE OF HOLDER TO BE DETERMINED AT TIME OF AWARD

BODY:

BODY: MANUFACTURER'S LIMITED WARRANTY SHALL APPLY FOR A PERIOD OF ONE YEAR AFTER DATE OF ACCEPTANCE OF THE UNIT.

HYDRAULIC SYSTEM:

PUMP: THE HYDRAULIC PUMP SHALL HAVE A FIVE (5) WARRANTY WITH A MAXIMUM OPERATING PRESSURE OF 2500 PSI (54 GPM @1500 RPMS), PUMP SHALL BE RATED AT LESS THAN 42 GALLON PER MINUTE AT 1,200 RPM. A 50 GALLON OIL RESERVOIR, TANK MOUNTED ON FRAME WITH EASY ACCESS SHUT-OFF

RELIEF VALVE: SHALL BE SET AT A MAXIMUM OF 1,650 PSI

YOUR SPECIFICATIONS

AS SPECIFIED

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AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

AS SPECIFIED

GENERAL SPECIFICATIONS
20-YARD REAR-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #2

CONTROLS

THE OPERATING CONTROLS SHALL BE LOCATED IN THE CAB EASILY ACCESSIBLE TO THE DRIVER.

HYDRAULIC CYLINDERS: HYDRAULIC CYLINDERS MUST HAVE FIVE-YEAR WARRANTY.

FEATURES: BODY SHALL INCLUDE THE FOLLOWING FEATURES:

PROXIMITY LIMIT SWITCHES
FUNCTION CODED CHASSIS HARNESS
ACCESS LADDER WITH THREE POINT CONTACT TO SIDE DOOR
RECESSED TAILGATE CYLINDERS AND HOSES
HYDRAULIC OVERSPEED CONTROL

ALL HOSES SHALL BE STAUF CLAMPED WITH REUSABLE CLAMPS

BODY LIGHTING: A MID BODY TURN SIGNAL. ALL LIGHT TO BE LED IN ALL POSITIONS. ALL MARKERS, TAIL AND TURN SIGNALS AS REQUIRED.

LED STROBES ON SIDES, FRONT AND REAR OF TRUCK.

PAINT (CAB & BODY): AFTER THE ENCLOSED STEEL REFUSE BODY HAS BEEN FABRICATED AND INSTALLED ON THE CHASSIS, THREE (3) COATS OF PAINT SHALL BE APPLIED TO ALL EXTERIOR EXPOSED SURFACES. HOWEVER, SHOULD THE MANUFACTURER OF THE BODY BE EQUIPPED FOR PAINTING AND COATING WITH ENAMEL BAKED TO THE BODY, SUCH A PROCESS MAY BE SUBSTITUTED FOR THE THREE COATS OF PAINT.

THE FIRST COAT OF PAINT APPLIED SHALL BE SUITABLE RUST-RESISTANT HIGH SOLIDS EPOXY PRIME COAT AND THE TWO (2) COLOR COATS APPLIED SHALL BE BRINE PROOF PAINT WHICH WILL DRY AND FINISH IN A COLOR OF SHERWIN-WILLIAMS #42075 WHITE, OR AN APPROVED EQUAL. FINISH COAT TO BE AKSO COATING'S SIKKENS HIGH SOLIDS ACRYLIC URETHANE.

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GENERAL SPECIFICATIONS
20-YARD REAR-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #2

PRIOR TO APPLYING THE ENAMEL TO BE BAKED ON THE BODY, A PRIME COAT OF RUST RESISTANT HIGH SOLIDS EPOXY PAINT SHALL BE APPLIED TO ALL SAID EXTERIOR BODY SURFACES AND ALLOWED TO DRY. AFTER THE PRIME COAT IS DRY, THE ENAMEL SHALL BE APPLIED TO ALL SUCH SURFACES AND THE BODY SHALL BE PLACED IN THE OVEN AND BE OVEN-HEATED TO THE REQUIRED TEMPERATURE. THE COATED BODY SHALL REMAIN IN SAID HEATED OVEN THE LENGTH OF TIME AND AT THE TEMPERATURE SPECIFIED BY THE OVEN MANUFACTURER FOR THE ENAMEL USED.

ALL COMPONENTS TO BE SHOT BLASTED PRIOR TO PRIMING.
ACCENT MARKINGS: TWO (2) 6" HORIZONTAL PAINTED STRIPES, LENGTH OF REFUSE BODY AND CAB. COLORS SHALL BE SHERMAN-WILLIAMS #42109 BLUE AND #50635 GOLD OR APPROVED EQUALS. EXACT LOCATION TO BE DETERMINED AT THE TIME OF BID AWARD.

TRAINING: BEFORE EACH PIECE OF EQUIPMENT IS ACCEPTED FOR PAYMENT, THE VENDOR SHALL PROVIDE A MINIMUM 2 DAY TRAINING CLASS AT THE CITY OF GLENDALE PUBLIC WORKS YARD. CLASS SHALL TRAIN MECHANICS AND SERVICEMEN IN THE REGULAR REPAIR, MAINTENANCE, AND SERVICE OF THE EQUIPMENT. FURTHERMORE, THE BIDDER SHALL MAINTAIN A STAFF OF QUALIFIED PERSONNEL AVAILABLE AT ALL TIMES DURING NORMAL WORKING HOURS TO CONSULT WITH THE USER, DIAGNOSE PROBLEMS, AND TO ADVISE THEIR REPAIR AND MAINTENANCE. PROVIDE A COORDINATOR TO AUTOMATICALLY SEQUENCE AND COORDINATE CONTROLS TO ASSURE THAT FUNCTIONS ARE OPERATED CONJUNCTIVELY TO ASSURE FAST, SMOOTH CYCLES.

TRAINING FOR OPERATORS WILL BE OF SUFFICIENT DETAIL AND DURATION TO COMPLETELY FAMILIARIZE THE USERS IN THE OPERATION OF THE REFUSE TRUCK AND BODY. THE TRAINING WILL BE CONDUCTED AT THE CITY LOCATION.

THE INTEGRATED WASTE ADMINISTRATOR AND MECHANICAL MAINTENANCE AND WAREHOUSE ADMINISTRATOR MUST INSPECT THE COMPLETED UNITS PRIOR TO DELIVERY TO GLENDALE TO MAKE NECESSARY CORRECTION AND

YOUR SPECIFICATIONS

AS SPECIFIED

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VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

GENERAL SPECIFICATIONS
20-YARD REAR-LOADING REFUSE TRUCK
RFQ #403028 – LINE ITEM #2

MODIFICATION.

PRE-MID-POST INSPECTION MEETINGS TO BE PAYED IN FULL FOR BY AWARDED BIDDER. MID- INSPECTION MEETING IS TO BE A MINIMUM OF TWO STAFF MEMBERS FROM THE CITY OF GLENDALE.

NOTE: ALL APPLICABLE REBATES AND TAX CREDITS MUST BE PASSED ALONG TO THE CITY OF GLENDALE.

MINOR REPAIRS SHALL BE DONE AT CITY FACILITIES BY CITY OF GLENDALE. CITY OF GLENDALE SHALL BE FULLY REIMBURSED FOR PARTS AND LABOR.

REPLACEMENT OR REPAIR OF WARRANTY ITEMS SHALL BE PRE-APPROVED BY THE VENDOR(S).

CAB/CHASSIS AND BODY MANUALS: COMPLETE AND ACCURATE COPIES (2 SETS) OF THE FOLLOWING ITEMS SHALL BE FURNISHED AT THE TIME OF DELIVERY OF THE COMPLETED UNIT(S) TO THE CITY OF GLENDALE. ALL INFORMATION TO BE PROVIDED ON CD ROM.

- 1 OPERATOR'S INSTRUCTION MANUAL;
2. MAINTENANCE MANUALS;
3. ILLUSTRATED PARTS BOOK;
4. HYDRAULIC DIAGRAMS.

DELIVERY: UPON AWARD, SUCCESSFUL BIDDER MUST PROVIDE DELIVERY OF THE COMPLETED UNIT WITH REFUSE BODY AND CAMERA SYSTEM INSTALLED WITHIN 180 DAYS OF AWARD.

REGISTRATION AND EXMPT PLATES TO BE PROVIDED BY DEALER. REGISTERED TO:
CITY OF GLENDALE
ATTN: FLEET MANAGER
541 WEST CHEVY CHASE DR.
GLENDALE CA 91204

OPERATION PRIOR TO PAYMENT: VEHICLE(S) MUST OPERATE FOR 30 CONTINUOUS CALENDAR DAYS WITHOUT BREAKDOWN RESULTING IN INTERRUPTION OF SERVICE

YOUR SPECIFICATIONS

AS SPECIFIED
@ RAY GASKIN SERVICE

AS SPECIFIED
*CALIFORNIA HVIP VOUCHERS AVAILABLE. SUBJECT TO APPROVAL & QUALIFICATION. CITY OF GLENDALE SUBJECT TO CCC FACTORY QUALIFICATION REQUIREMENTS FOR WARRANTABLE REPAIRS. EXCLUDES, ENGINE & TRANS & MAJOR COMPONENTRY.

AS SPECIFIED

180-210 DAYS ARO

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC
AS SPECIFIED

GENERAL SPECIFICATIONS
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RFQ #403028 – LINE ITEM #2

BEFORE PAYMENT WILL BE AUTHORIZED BY CITY OF GLENDALE.

***WARRANTIES:** STATE LENGTH AND/OR MILEAGE OF WARRANTIES. *AUTOCAR STANDARD WARRANTY - NO EXTENDED AVAILABLE

_____ AND/OR _____
(LENGTH) (MILEAGE)

QUOTE SEPARATELY: WARRANTIES 1 YEAR, 2 YEARS AND 5 YEARS EXTENDED

1 YEAR: \$ _____ 2 YEARS: \$ _____
5 YEARS: \$ _____

NOTE: A WEIGHT MASTER'S COPY OF TOTAL VEHICLE'S TARE WEIGHT, FRONT AXLE AND REAR AXLE WEIGHTS, SHALL ACCOMPANY EACH VEHICLE AT TIME OF DELIVERY, AND LEGAL PAYLOAD PER BRIDGE ALLOWANCE FORMULA. SAID WEIGHT TICKET MUST BE CERTIFIED. VEHICLE WEIGHT SHALL BE CERTIFIED WITH VEHICLE CONTAINING A FULL TANK OF FUEL AND TEN (10) WHEELS. TRUCK CERTIFIED MUST HAVE ALL COMPONENTS IN WORK READY CONDITION WHEN CERTIFIED.

MANUFACTURER TO HAVE COMPLETE PARTS, SERVICE AND WARRANTY CENTER PHYSICALLY LOCATED WITHIN 60 MILES OF THE CITY OF GLENDALE MECHANICAL MAINTENANCE FACILITY.

DURING THE WARRANTY PERIOD, ALL TOWING, PICKUP, AND DELIVERY OF VEHICLES FOR WARRANTY REPAIR REASONS OF THE TRUCK OR BODY WILL BE TAKEN CARE OF BY THE WINNING BIDDER. THIS INCLUDES ALL COSTS RELATED TO THE PICK-UP AND DELIVERY OF THESE VEHICLES.

TO ARRANGE FOR INSPECTIONS, CONTACT:
CITY OF GLENDALE
PUBLIC WORKS/IWM
548 W. CHEVY CHASE DR.
GLENDALE, CA 91204
818 548-3916

YOUR SPECIFICATIONS

*WARRANTIES - REFER TO AUTOCAR WARRANTY MATRIX SUPPLIED WITH BID PROPOSAL.

*CUMMINS STD. 2 YRS./200,000 MILES
ALLISON 3000RDS 3 YRS./UNLIMITED

CUMMINS L9N 5 YR./150,000 MILES \$2,500.00
ALLISON 3000 RDS TRANS 5 YR./UNLIMITED \$1,126.00

AS SPECIFIED

AS SPECIFIED

AS SPECIFIED

VENDOR NAME:

LOS ANGELES TRUCK CENTERS, LLC

EXHIBIT “B”



SALES
Toll Free (800) 366-4621
Reception (562) 447-1200

PARTS (877) 727-0752
SERVICE (800) 385-0757
COLLISION CENTER (562) 447-1257
2479 S. Peck Road, Whittier CA 90601

Buyers Order

Deal#: DE-69710
Opp#: 2020-118328
Date: 10/05/2020

www.VelocityTruckCenters.com

Contact: Ron Creighton - Mobile: 562/755-6108 - Email: RCreighton@vvgtruck.com

Bill To: 112663
CITY OF LONG BEACH FINANCIAL MGMT-FLEET OPERATIONS
2600 TEMPLE AVE
LONG BEACH CA 90806 County: Los Angeles
Phone: (562) 570-5000

Ship To:

Unit#: On Order	Stock#:	New 2021 AUTOCAR ACX64	Price:	\$294,315.20
VIN: Factory Order		GVW: 71000	Color: WHITE	
		1. 90 DGE PRO RAIL CNG TANKS (2) @ 45 DGE W/ BLUE IQ TECHNOLOGY		\$7,625.00
		2. AWTI CAMERA SYSTEM		\$1,500.00
		3. AMEREX FIRE SUPPRESSION SYSTEM		\$4,995.00
		4. VULCAN 2-POINT SCALE SYSTEM		\$4,225.00
To Be Delivered On or About: 12/31/2020			Unit Price:	\$312,660.20

Sub Total	\$312,660.20
Doc Fee	\$70.00
CA Tire Recycle Fee	\$21.00
Sales Tax (10.250%)	\$32,054.85
Total Vehicle Sale Price	\$344,806.05
Net Total	\$344,806.05

Lienholder: None

CITY OF GLENDALE COOPERATIVE PURCHASE AGREEMENT PURCHASE ORDER NO. 61900874
COMMERCIAL FRONT END LOADER

ONLY THOSE ITEMS AND SERVICES SPECIFICALLY WRITTEN ON THIS ORDER ARE INCLUDED IN THE STATED PRICE.
ANY OTHER AGREEMENTS, UNLESS IN WRITING, ARE NOT BINDING ON SELLER.

The numbered pages of this Order comprise the entire agreement affecting this purchase and no other agreement or understanding of any nature concerning this purchase has been made or entered into, or will be recognized. I hereby certify that no credit has been extended to me for the purchase of this motor vehicle except as appears in writing on the face of this agreement. I have read and understand the final page of this agreement and agree to it as a part of this order the same as if it were printed above my signature. I certify that I am of legal age, or older, that I have legal capacity and authority to execute this agreement on behalf of my company, and hereby acknowledge receipt of a copy of this order.

CITY OF LONG BEACH FINANCIAL MGMT-FLEET OPERATIONS
(Purchaser's Name)

Ron Creighton
(Salesperson Name)

X

(Purchaser's Signature)

(Approved By)

Date

Date

1. TRADE-IN(S). Purchaser shall deliver trade-in(s) in the same condition as at the time of inspection and appraisal by Seller reasonable wear and tear excepted, except as disclosed in the Agreement. Purchase represents that each truck shall be free and clear of all liens and encumbrances and warrants that the trade-in(s) are that type and condition described in this Agreement, including any attachments hereto.

2. TERMS OF PAYMENT. Unless otherwise agreed, net payment shall be due on delivery. Late payments shall bear interest at the rate of 18% per annum, or the maximum permitted by law, whichever is less. If acceptance of delivery is delayed by Purchaser, payment shall become due on the date when Seller is prepared to deliver. If the financial condition of Purchaser at any time does not, in the judgment of Seller, justify continuance of the work to be performed by Seller hereunder on the terms of payment as agreed upon, Seller may suspend such work, or postpone delivery, and require such assurances of Purchaser's performance as Seller deems adequate, including payment in advance, or Seller may cancel this order and shall receive reimbursement for its reasonable and proper cancellation charges. In the event of bankruptcy or insolvency of Purchaser, voluntary or involuntary, Seller shall be entitled to cancel any order then outstanding at any time and seek reimbursement for its reasonable and proper cancellation charges.

3. CANCELLATION. Purchaser may cancel this order only if Seller is able to cancel said order with the manufacturer, and only upon written notice. Upon cancellation or failure to accept delivery, Purchaser shall pay Seller reasonable cancellation charges and expenses, not to be less than Seller's out-of-pocket expenses including carrying costs.

4. SALES AND OTHER TAXES. Unless otherwise specified herein, Seller's price does not include federal excise, sales, use, or other taxes. Consequently, in addition to the price specified herein, the amount of any other excise, sales, use or ~~Purchaser's liability~~ to the sale or use of the trucks purchased hereunder shall be paid by Purchaser, or in lieu thereof Purchaser shall provide Seller with a tax exemption certificate acceptable to the taxing authorities. Purchaser agrees that all taxes related to this transaction, whether arising at the time of the transaction or in the future, are Purchaser's responsibility and further agrees to promptly pay any such taxes.

5. DELIVERY. All trucks furnished hereunder shall be delivered to Purchaser at the Seller's dealership location or other location as designated in this Agreement. Unless otherwise provided, delivery will be made via carriers and routes designated by manufacturer with freight charges to be included in the purchase price. Delivery dates are approximate and are based upon receipt of all necessary information from Purchaser. Seller shall not be liable for delays in delivery or manufacturing, or other causes beyond Seller's control.

6. TECHNICAL CHANGES. Purchaser acknowledges that the manufacturer and Seller reserve the right to change the specifications of the truck(s) at any time without obligation to make such changes in other trucks previously delivered to Purchaser. In addition, manufacturer and Seller reserve the right to make design changes and substitution of materials subsequent to the receipt of the order which, in manufacturers or Seller's opinion are necessary to improve the truck. Purchaser agrees to accept any such changes as fulfillment of Seller's obligations under this order.

7. REQUIRED EQUIPMENT. This order shall be deemed to include, whether or not specified herein, all equipment or accessories required by the National Highway Traffic Safety Act or other regulations in effect at the time of order of receipt. It is agreed that any additional or different equipment not specified which is required at the time of delivery to meet the foregoing Act or other regulations will be added and the costs shall be paid by Purchaser. Purchaser understands that certain safety equipment is available that is not legally required and is available at Purchasers request for an additional fee.

8. TITLE AND REMEDIES. Until full payment by Purchaser of all amounts due hereunder, Seller reserves the title to all equipment furnished hereunder. If Purchaser defaults in payment or performance hereunder or becomes subject to insolvency, receivership, or bankruptcy proceedings, or makes an assignment for the benefit of creditors, or without the consent of Seller voluntarily or involuntarily sells, transfers, leases, or permits any lien or attachment on the equipment delivered hereunder, Seller may treat all amounts then or thereafter owing hereunder by Purchaser as immediately due and payable (subject only to credits required by law) and Seller may repossess said equipment by any means available by law and shall enjoy any and all other remedies of a secured creditor under the Uniform Commercial Code. Purchaser shall execute and deliver to Seller such financing statements and other documents, as Seller may deem appropriate to evidence, perfect, and protect the priority of its security interest in the truck(s) subject to this order.

9. GENERAL. Any assignment by Purchaser of this order or any rights hereunder, without written consent of Seller, shall be void. Clerical errors in this order may be automatically corrected by giving written notice thereof to Purchaser by a duly authorized representative of Seller. No waiver, alteration, or modification of any of the provisions hereof shall be binding unless and until in writing and signed by a duly authorized representative of Seller. To the extent not covered by other terms herein, including terms of warranty and limitation of liability, etc., the provisions of the Uniform Commercial Code shall govern this sale.

10. IMPORT TARIFFS: Purchaser acknowledges that any Import tariffs imposed by the government are the sole responsibility of the Purchaser and will result in an increase in the Seller's price equal to the amount of the obligatory tariff.

This Agreement (including by reference the provisions set out in manufacturer's standard warranty or warranties) shall constitute the entire agreement between Purchaser and Seller, and no understandings or obligations not expressly set forth herein or in manufacturer's standard warranty or warranties are binding upon Purchaser or Seller.

ALL WARRANTIES, IF ANY, BY A MANUFACTURER OR SUPPLIER OTHER THAN SELLER ARE THEIRS, NOT SELLER'S, AND ONLY SUCH MANUFACTURER OR OTHER SUPPLIER SHALL BE LIABLE FOR PERFORMANCE UNDER SUCH WARRANTIES. SELLER HEREBY DISCLAIMS ALL WARRANTIES, EXPRESS OR IMPLIED, INCLUDING ANY IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

Accepted and Agreed by: _____
(Company Name)

(Date)

Signor's Name and Title: _____
(Please Print Name and Title. Must be an Officer of the company Authorized to approve capital purchases.)

X _____
(Signature)