

REQUEST FOR COUNCIL ACTION CITY OF SAN DIEGO	CERTIFICATE NUMBER (FOR COMPTROLLER'S USE ONLY) n/a
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TO: CITY COUNCIL	FROM (ORIGINATING DEPARTMENT): Environmental Services	DATE: 5/18/2015
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SUBJECT: As-Needed Agreement with Los Angeles Truck Centers, LLC dba Los Angeles Freightliner for the Purchase of Rear Loader Vehicles

PRIMARY CONTACT (NAME, PHONE): Mary Valerio, (858) 526-2355 MS 1200A	SECONDARY CONTACT (NAME, PHONE): Christian Sandoval, (858) 526-2301 MS 1200A
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COMPLETE FOR ACCOUNTING PURPOSES

FUND	720037				
FUNCTIONAL AREA					
COST CENTER	2113140012				
GENERAL LEDGER ACCT	560045				
WBS OR INTERNAL ORDER					
CAPITAL PROJECT No.					
AMOUNT	\$320,000.00	0.00	0.00	0.00	0.00

FUND					
FUNCTIONAL AREA					
COST CENTER					
GENERAL LEDGER ACCT					
WBS OR INTERNAL ORDER					
CAPITAL PROJECT No.					
AMOUNT	0.00	0.00	0.00	0.00	0.00

COST SUMMARY (IF APPLICABLE):

ROUTING AND APPROVALS

CONTRIBUTORS/REVIEWERS:	APPROVING AUTHORITY	APPROVAL SIGNATURE	DATE SIGNED
Environmental Analysis	ORIG DEPT.	Sierra, Mario	05/19/2015
Liaison Office	CFO		
Equal Opportunity Contracting	DEPUTY CHIEF		
Financial Management	COO		
Comptroller	CITY ATTORNEY	Guy, Amanda	
	COUNCIL PRESIDENTS OFFICE		

PREPARATION OF: RESOLUTIONS ORDINANCE(S) AGREEMENT(S) DEED(S)

1. Authorizing the Mayor, or his designee, to execute an Agreement with Los Angeles Truck Centers, LLC dba Los Angeles Freightliner, for the purchase of rear loader vehicles for a period of five (5) years, under the terms and conditions set forth in the Agreement.

2. Authorizing the Chief Financial Officer to expend an amount not to exceed \$320,000 from Fund 720037 Fleet Svc RP-700048 for the purchase of replacement rear loader vehicles for the City's recycling fleet, for Fiscal Year

2016, under the above Agreement, and contingent upon Council approval of the annual Appropriations Ordinance for the applicable fiscal year and the Chief Financial Officer first furnishing one or more certificates demonstrating funds are, or will be, on deposit with the City Treasurer.

3. Authorizing the Chief Financial Officer to expend an amount not to exceed \$10,880,000 from Fund No. 720011 Fleet Svc RP-100000, Fund 720037 Fleet Svc RP-700048, and Fund No. 720015 Fleet RP- 700039 for the purchase of replacement rear loader vehicles for the City's refuse and recycling fleets, for Fiscal Years 2017 through 2020, under the above Agreement, as needed, and contingent upon Council approval of the annual Appropriations Ordinance for the applicable fiscal year and the Chief Financial Officer first furnishing one or more certificates demonstrating funds are, or will be, on deposit with the City Treasurer.

STAFF RECOMMENDATIONS:

Approve Requested Actions

SPECIAL CONDITIONS (REFER TO A.R. 3.20 FOR INFORMATION ON COMPLETING THIS SECTION)

COUNCIL DISTRICT(S): All

COMMUNITY AREA(S): All

ENVIRONMENTAL IMPACT: This activity is not a "project" and is therefore not subject to CEQA pursuant to State CEQA Guidelines Section 15060(c)(3).

CITY CLERK INSTRUCTIONS: Please notify Jose Cruz, Motive Engineer, Fleet Services Division, MS 42 and Christian Sandoval, Motive Fleet Engineer, ESD Collection Services, MS 1200A when the agreements are ready for distribution.

**COUNCIL ACTION
EXECUTIVE SUMMARY SHEET
CITY OF SAN DIEGO**

DATE: 5/18/2015

ORIGINATING DEPARTMENT: Environmental Services

SUBJECT: As-Needed Agreement with Los Angeles Truck Centers, LLC dba Los Angeles Freightliner for the Purchase of Rear Loader Vehicles

COUNCIL DISTRICT(S): All

CONTACT/PHONE NUMBER: Mary Valerio/(858) 526-2355 MS 1200A

DESCRIPTIVE SUMMARY OF ITEM:

Authorize the execution of a five-year agreement with Los Angeles Truck Centers, LLC dba Los Angeles Freightliner for the purchase of rear loader vehicles for the recycling and refuse collection fleets in accordance with Invitation to Bid (ITB) No. 10054780-15-R. The agreement provides for two sizes of rear loader vehicles (18 cubic yard and 25 cubic yard) and for rear loading vehicles fueled by low sulfur diesel and compressed natural gas (CNG).

STAFF RECOMMENDATION:

Approve Requested Actions

EXECUTIVE SUMMARY OF ITEM BACKGROUND: The City collects and transports refuse, curbside recyclables and yard waste by means of refuse and recycling packers which deliver these waste commodities to landfills and recycling centers throughout the San Diego area. These vehicles are driven about 14,000 miles a year. The life cycle of a heavy duty refuse or recycling collection vehicle is seven years due to the extreme duty cycle.

The City issued ITB No. 10054780-15-R on February 13, 2015 for the procurement of rear loading vehicles. 166 potential bidders were contacted via DemandStar and Planetbids websites. The vendors invited to bid include current and prior providers of heavy vehicles. The ITB was also advertised on the City's Purchasing & Contracting website and in the San Diego Daily Transcript. Three bids were received on April 13, 2015 by two prospective bidders (one vendor submitted two bids).

The Public Works Department and the Environmental Services Department recommend the award of the agreement for the purchase of rear loader vehicles for the recycling and refuse collection fleets to Los Angeles Truck Centers, LLC dba Los Angeles Freightliner, which is the lowest responsible and responsive bidder.

The below costs were those bid by Los Angeles Truck Centers, LLC dba Los Angeles Freightliner, and are inclusive of all vehicle safety cameras, cart flippers for rear loaders, sales taxes and tire fees. Terms are net thirty (30) days, as may be required, for a period of five (5) years beginning from the date of award.

	18 cubic yard units:	25 cubic yard units:
Low sulfur diesel rear loaders:	\$282,767	\$290,625
CNG rear loaders:	\$311,867	\$319,851

Additionally, the Environmental Services Department has begun the process of converting its low sulfur diesel refuse and recycling fleet to one powered with CNG beginning in FY16. CNG has emerged as an environmentally safe, financially stable alternative fuel for refuse and recycling packers. CNG can reduce smog-producing pollutants by up to 90 percent and hydrocarbon emissions by 50-70 percent, compared to gasoline.

The Environmental Services Department is in the process of selecting a vendor to design and build a CNG fueling station at the Environmental Services Operations Station. The facility is anticipated to be operational in July of 2016. Once the fueling infrastructure is in place the City can begin putting CNG powered vehicles into service as the diesel models age out of the fleet. The conversion of the refuse and recycling fleet is anticipated to be completed by FY21/22 depending on funding.

The prior agreement for the purchase of rear loader vehicles expired May 6, 2012 and the department has not had a need for a contract since no vehicles were identified for replacement until FY16.

CITY STRATEGIC PLAN GOAL(S)/OBJECTIVE(S):

Goal #1: Provide high quality public service

Objective #4: Ensure equipment and technology are in place so that employees can achieve high quality public service

Goal #3: Create and sustain a resilient and economically prosperous City

Objective #4: Prepare and respond to climate change

FISCAL CONSIDERATIONS: One rear loader (at a cost of \$319,848) is anticipated to be included in the FY16 vehicle replacement plan if funding is allocated during the annual budget process. The Environmental Services Department anticipates that total rear loader purchases over the five-year life of this agreement will exceed \$3.0M and the Department intends to replace approximately 35 vehicles provided that funding is allocated during the annual budget process. This would result in an anticipated cost of \$11.2M over the five-year term of the agreement.

EQUAL OPPORTUNITY CONTRACTING INFORMATION (IF APPLICABLE): This agreement is subject to the City's Equal Opportunity Contracting (San Diego Ordinance No.18173, Section 22.2701 through 22.2708) and Non-Discrimination in Contracting Ordinance (San Diego Municipal Code Sections 22.3501 through 22.3517)

PREVIOUS COUNCIL and/or COMMITTEE ACTION: Vehicle replacements, in compliance with the replacement schedule, are predicated upon Fleet Services Annual condition assessments.

COMMUNITY PARTICIPATION AND PUBLIC OUTREACH EFFORTS: N/A

KEY STAKEHOLDERS AND PROJECTED IMPACTS: Refuse and recycling collection vehicles service eligible residences in all City Council districts in the City of San Diego.

Sierra, Mario

Originating Department

Deputy Chief/Chief Operating Officer



CITY OF SAN DIEGO PURCHASING & CONTRACTING DEPARTMENT

1200 THIRD AVENUE, SUITE 200

SAN DIEGO, CA. 92101-4195

SOLICITATION NUMBER 10054780-15-R

REAR LOADING REFUSE PACKERS

PRIME BID – CRANE CARRIER CORP LET2 WITH
PAK-MOR REFUSE COLLECTION BODIES 18 CY & 25 CY





COPY

CITY OF SAN DIEGO
PURCHASING & CONTRACTING DEPARTMENT
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195

INVITATION TO BID (ITB)/CONTRACT (COVER SHEET)
ADDENDUM E

Services: Furnish the City of San Diego with Rear Loading Refuse Packers
Solicitation Number: 10054780-15-R
Solicitation Issue Date: February 13, 2015
Bid Due Date and Time (Closing Date): 3:00 p.m. Pacific Time on April 13, 2015
Contract Term: As may be required for a period of five (5) years from Effective Date, as defined in General Contract Terms and Provisions
City Contact: Raymond Vestri, 619-236-6134, Rvestri@sandiego.gov
Mandatory Pre-Bid Conference: February 24, 2015 @ 1:00 P.M. at 1200 Third Avenue, Suite 200, Large Conference Room
Mandatory Site Inspection: WILL NOT BE REQUIRED
Questions and Comments Due: No later than April 7, 2015 at 5:00 p.m. Pacific Time.

The City's Standard Payment Terms are Net 30 Days. Bidders may offer other payment terms (e.g., 2% 20 days) but such terms will not be considered in making the award decision. If different terms are offered, the City retains the option of making payment(s) based on these terms.

State delivery time: 180-240 days after receipt of order. Discounted terms offered: 0 % 30 Days.

Duration of Offer: By submitting a bid, the bidder guarantees that the offer is firm for ninety (90) calendar days commencing the day following the Closing Date. Bidder agrees to accept a resulting contract subject to the terms and conditions stated herein. If an award is not made during that period, bidder's offer shall automatically extend for another ninety (90) calendar days unless the bidder indicates otherwise in writing thirty (30) calendar days prior to the end of the first ninety (90) calendar day period to the City Contact.

Bidder LOS ANGELES TRUCK CENTERS, LLC dba LOS ANGELES FREIGHTLINER

Street Address 13800 VALLEY BLVD.

City FONTANA, CA. 92335

Telephone No. 909-510-4406

E-Mail rcreighton@lafreightliner.com

IF BIDDER'S OFFER IS ACCEPTED BY THE CITY, THIS IS THE CONTRACT. Bidder is required to sign this document and return three (3) originals and two (2) copies of their bid in sealed envelopes or cartons to the City Contact. Bidders shall also include an electronic copy of their bid. Bidder agrees to furnish and deliver all goods and/or provide all services set forth or otherwise identified above subject to the terms and conditions specified herein. An original signature below is required. By signing below, the signer declares under penalty of perjury that she/he is authorized to sign this document and bind the bidder to the terms of this Contract.

Signature of Bidder's Authorized Representative: RON CREIGHTON
Signature of the City of San Diego Purchasing Agent
Approved as to Form City Attorney
RON CREIGHTON
FLEET & MUNICIPAL SALES
APRIL 10, 2015

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- Equal Opportunity Contracting Program (EOCP)
- Equal Benefits Ordinance Certification of Compliance

ATTACHMENT

- Attachment A – **Specifications Checklist for All Refuse Packers**
- Attachment B – Ground Reaction and Specification Chart
- Attachment C – **Equipment and Vehicle Financing Program**
- Attachment D – Warranty Acknowledgment Form

I. INSTRUCTIONS AND BID REQUIREMENTS

A. BID SUBMISSION

1. **Timely Bid Submittal.** Bids must be submitted as described herein in a sealed envelope to the Purchasing & Contracting Department (P&C) located at 1200 Third Avenue, Suite 200, San Diego, CA 92101. The Solicitation Number and Closing Date must be referenced in the lower left-hand corner of the outside of the envelope.

1.1 **Bid Due Date.** Bids must be received by the P&C reception desk prior to the Closing Date indicated on the Cover Sheet. Faxed bids will not be accepted. The City may consider a bid that was mailed before the Closing Date if the City finds that acceptance of the bid is in the City's best interests and there is no possibility of collusion or fraud in the procurement process.

1.2 **Pre-Bid Conference.** Pre-bid conference information is noted on the ITB's Cover Sheet.

1.2.1 Reserved.

1.2.2 Bidders are required to attend the pre-bid conference. Bidder's failure to attend will result in disqualification.

1.3 **Site Inspection.** No site inspection will be held for ITB.

1.3.1 Reserved.

1.3.2 Reserved.

1.4 **Questions and Comments.** Written questions and comments must be electronically mailed (e-mailed) to the City Contact identified on the Cover Sheet no later than the date specified on the Cover Sheet. Only written communications relative to the procurement shall be considered. E-mail is the only acceptable method for submission of questions. It is incumbent upon bidders to verify that the City has received their questions and/or comments. All questions will be answered in writing. The City will distribute questions and answers without identification of the inquirer(s) to all bidders who are on record as having received this ITB. No oral communications can be relied upon for this ITB. Addenda will be issued addressing questions or comments that are determined by the City to cause a change to any part of this ITB.

1.5 **Contact with City Staff.** Unless otherwise authorized herein, bidders who are considering submitting a bid in response to this ITB, or who submit a bid in response to this ITB, are prohibited from communicating with City staff or evaluation committee members about this ITB from the date this ITB is issued until a contract is awarded.

2. Submission of Information and Forms. Bidders shall submit the following completed forms and provide the following information with their bids:

- 2.1 The completed and executed Cover Sheet
- 2.2 Exceptions requested by bidder, if any. If a bidder requests an exception, or exceptions, to the Specifications or the City's Contract, including the City's General Contract Terms and Provisions, the bidder must present written factual or legal justification for the request. Any exceptions to the Contract that have not been accepted by the City in writing are deemed rejected. The City, in its sole discretion, may accept some or all of bidder's exceptions, reject bidder's exceptions and deem the bid non-responsive, or award the Contract without bidder's proposed exceptions.
- 2.3 The Contractor Standards Pledge of Compliance Form
- 2.4 Equal Opportunity Contracting forms including the Work Force Report and Contractors Certification of Pending Actions
- 2.5 Reserved
- 2.6 Reserved
- 2.7 Reserved
- 2.8 Reserved
- 2.9 Reserved
- 2.10 Equal Benefits Ordinance (EBO) Certification of Compliance.

3. Bid Review. Bidders are responsible for carefully examining the ITB, the Specifications, this Contract, and all documents incorporated into the Contract by reference before submitting a bid. If selected for award of contract, bidder shall be bound by same unless the City has accepted bidder's exceptions, if any, in writing.

4. Addenda. The City may issue addenda to this ITB as necessary. All addenda are incorporated into the Contract. The bidder is responsible for determining whether addenda were issued prior to a bid submission. Failure to respond to or properly address addenda may result in rejection of a bid.

5. Quantities. The estimated quantities provided by the City are not guaranteed. These quantities are listed for informational purposes only. Quantities vary depending on the demands of the City. Any variations from the estimated quantities shall not entitle the bidder to an adjustment in the unit price or any additional compensation.

6. Quality. Unless otherwise required, all goods furnished shall be new and the best of their kind.

6.1 Items Offered. Bidder shall state the applicable trade name, brand, catalog, manufacturer, and/or product number of the required good, if any, in the bid.

6.2 Brand Names. Any reference to a specific brand name in a solicitation is illustrative only and describes a component best meeting the specific operational, design, performance, maintenance, quality, or reliability standards and requirements of the City. Bidder may offer an equivalent or equal in response to a brand name referenced (Proposed Equivalent). The City may consider the Proposed Equivalent after it is subjected to testing and evaluation which must be completed prior to the award of contract. If the bidder offers an item of a manufacturer or vendor other than that specified, the bidder must identify the maker, brand, quality, manufacturer number, product number, catalog number, or other trade designation. The City has complete discretion in determining if a Proposed Equivalent will satisfy its requirements. It is the bidder's responsibility to provide, at their expense, any product information, test data, or other information or documents the City requests to properly evaluate or demonstrate the acceptability of the Proposed Equivalent, including independent testing, evaluation at qualified test facilities, or destructive testing.

7. Modifications, Withdrawals, or Mistakes. Bidder is responsible for verifying all prices and extensions before submitting a bid.

7.1 Modification or Withdrawal of Bid Before Bid Opening. Prior to the Closing Date, the bidder or bidder's authorized representative may modify or withdraw the bid by providing written notice of the bid modification or withdrawal to the City Contact. While e-mail is permissible, telephonic withdrawals or modifications are not.

7.2 Bid Modification or Withdrawal of Bid After Bid Opening. Any bidder who seeks to modify or withdraw a bid because of the bidder's inadvertent computational error affecting the bid price shall notify the City Contact identified on the Cover Sheet no later than three working days following the Closing Date. The bidder shall provide worksheets and such other information as may be required by the City to substantiate the claim of inadvertent error. Failure to do so may bar relief and allow the City recourse from the bid surety. The burden is upon the bidder to prove the inadvertent error. If, as a result of a bid modification, the bidder is no longer the apparent successful bidder, the City will award to the newly established apparent successful bidder. The City's decision is final.

8. Incurred Expenses. The City is not responsible for any expenses incurred by bidders in participating in this solicitation process.

9. Public Records. By signing this bid, the bidder acknowledges that any information submitted in response to this ITB is a public record subject to disclosure unless the City determines that a specific exemption in the California Public Records Act (CPRA) applies. If the

bidder submits information clearly marked confidential or proprietary, the City may protect such information and treat it with confidentiality to the extent permitted by law. However, it will be the responsibility of the bidder to provide to the City the specific legal grounds on which the City can rely in withholding information requested under the CPRA should the City choose to withhold such information. General references to sections of the CPRA will not suffice. Rather, the bidder must provide a specific and detailed legal basis, including applicable case law, that clearly establishes the requested information is exempt from the disclosure under the CPRA. If the bidder does not provide a specific and detailed legal basis for requesting the City to withhold bidder's confidential or proprietary information at the time of bid submittal, City will release the information as required by the CPRA and bidder will hold the City, its elected officials, officers, and employees harmless for release of this information. It will be the bidder's obligation to defend, at bidder's expense, any legal actions or challenges seeking to obtain from the City any information requested under the CPRA withheld by the City at the bidder's request. Furthermore, the bidder shall indemnify and hold harmless the City, its elected officials, officers, and employees from and against any claim or liability, and defend any action brought against the City, resulting from the City's refusal to release information requested under the CPRA which was withheld at bidder's request. Nothing in the Contract resulting from this bid creates any obligation on the part of the City to notify the bidder or obtain the bidder's approval or consent before releasing information subject to disclosure under the CPRA.

10. Right to Audit. The City Auditor may access bidder's records as described in San Diego Charter section 39.2 to confirm contract compliance.

B. BID OPENING

Bid Opening. All bids will be opened at, or immediately after, the time noticed for the bid opening in a location that is open to the public. No bidder or interested person will be excluded from the bid opening. Where no member of the public is in attendance, at least one City officer or employee, in addition to the City employee opening the bids, will be present. Bids will be unsealed and opened in the presence of those attending. The name of the project will be audibly announced to those present followed by the name of the bidder, the name of the surety, the amount of the bond, if required, and the total amounts or unit amounts bid. Any person present shall have the right to ask the announcements be repeated or to ask that omitted data be supplied. Such requests will be honored to the extent they do not unreasonably delay or interfere with the bid opening procedure, as determined at the sole discretion of the City employee opening the bids.

C. EVALUATION OF BIDS

1. Low Bid Award. A contract will be awarded to the lowest responsible and responsive bidder whose bid best meets the City's requirements.

2. Additional Information. The City may require bidder to provide additional written or oral information to clarify responses.

3. Sustainable Materials. Consistent with Council Policy 100-14, the City encourages use of readily recyclable submittal materials that contain post-consumer recycled content.

4. Waiver of Defects and Technicalities. The City may waive defects and technicalities in bids when to do so is in the City's best interests.

5. Rejection of All Bids. The City may reject any and all bids when to do so is in the City's best interests.

D. ANNOUNCEMENT OF AWARD

1. Award of Contract. The City will inform all bidders of its intent to award a Contract in writing.

2. Obtaining Bid Results. Bid results also may be obtained by: (1) attending the bid opening; (2) e-mailing a request to the City Contact identified on the Cover Sheet; or (3) visiting the P&C e-procurement system to review the bid results. To ensure an accurate response, requests should reference the Solicitation Number. Bid results will not be released over the phone.

3. Multiple Awards. City may award more than one contract by awarding separate items or groups of items to various bidders. Awards will be made for items, or combinations of items, which result in the lowest aggregate price and/or best meet the City's requirements. The additional administrative costs associated with awarding more than one Contract will be considered in the determination.

4. Solicitation Results. No solicitation results can be obtained until the City announces the bid or bids best meeting the City's requirements.

E. PROTESTS

The City's protest procedures are codified in Chapter 2, Article 2, Division 30 of the San Diego Municipal Code (SDMC). These procedures provide unsuccessful bidders with the opportunity to challenge the City's determination on legal and factual grounds. The City will not consider or otherwise act upon an untimely protest.

F. SUBMITTALS REQUIRED UPON NOTICE AWARD

The successful bidder is required to submit the following documents to P&C **within ten (10) business days** from the date on the Notice of Intent to Award letter:

1. Insurance Documents. Evidence of all required insurance, including all required endorsements, as specified in Article VII of the General Contract Terms and Provisions.

2. Taxpayer Identification Number. Internal Revenue Service (IRS) regulations require the City to have the correct name, address, and Taxpayer Identification Number (TIN) or Social Security Number (SSN) on file for businesses or persons who provide goods or services to the City. This information is necessary to complete Form 1099 at the end of each tax year. To comply with IRS regulations, the City requires each Contractor to provide a Form W-9 prior to the award of a Contract.

3. Business Tax Certificate. Unless the City Treasurer determines a business is exempt, all businesses that contract with the City must have a current business tax certificate.

4. Reserved.

The City may find the bidder to be non-responsive and award the Contract to the next responsible, responsive low bidder if the apparent successful bidder fails to timely provide the required information or documents.

II. SPECIFICATIONS

Bidder shall furnish the City with eighteen (18) and twenty-five (25) cubic yard Rear Loading Refuse Packers on an as-needed basis, in accordance with the terms, conditions, and specifications in this ITB. Bidder shall return Attachment A (Specifications Checklist), Attachment B (Ground Reaction and Specification Chart), and Attachment D (Warranty Acknowledgement Form) with their bid.

A. PRE-PRODUCTION MEETING

Subsequent to award of this bid, Contractor shall hold a Pre-Production Meeting with City Representatives at the City of San Diego Environmental Services Department, located at 8353 Miramar Place, San Diego, CA 92121-2511. The purpose of the meeting is to establish design finalization of the vehicles as specified in Attachment A.

B. MANDATORY PRE-BID CONFERENCE

All Bidders must attend the pre-bid conference of the proposed maintenance sites. The pre-bid conference will be held at City of San Diego Purchasing & Contracting Department, Large Conference Room located at 1200 Third Avenue, Suite 200, San Diego, CA 92101-4195, as referenced on the ITB Cover letter.

Bids will not be accepted from Bidders who do not attend the mandatory pre-bid conference, nor from Bidders who arrive after the pre-bid conference has started. Allow one (1) hour for the pre-bid conference.

C. VEHICLE/EQUIPMENT REGISTRATION AND LICENSE PLATES

Contractor shall comply with all vehicle/equipment registration and license plate requirements as specified herein.

Contractor shall obtain the exempt registration and license plates for all vehicles/equipment provided to City under this ITB.

The legal registration title shall be as follows:

City of San Diego
Fleet Services
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195

City Equipment I.D. No. _____

Registration requirements for vehicles that are a lease purchase will be identified in the Order Letter provided by Debt Management.

Prior to applying for Exempt "E" license plates, the Contractor shall contact the City's Equipment Coordinator at (619) 527-7558 or (619) 527-7561 to obtain a City of San Diego Equipment identification number for each vehicle/equipment. This number must appear on the final registration certificate.

Some vehicles/equipment may be purchased via the City's Equipment and Vehicle Financing Program. These vehicles will require that the Vehicle Financing Program Provider be listed as Lien holder on vehicle/equipment registration. Contact the Fleet Services Engineer at (619) 527-7561 for Lien holder verification.

A facsimile of the registration card shall be inserted in the registration holder and each holder shall be attached inside the vehicle/equipment. The location and method of attachment of the registration holder to the vehicle/equipment shall be approved by the Fleet Services Engineer prior to installation.

The original registration card shall be included with the warranty documents upon delivery of each vehicle/equipment to the City. These documents shall be contained in a document delivery envelope.

The license or identification plates shall be installed prior to delivery of each vehicle/equipment.

D. DELIVERY

The City is seeking a projected timeline for delivery of the vehicle /equipment ready for service of approximately one hundred eighty (180) calendar days from receipt of order. Failure to provide delivery of vehicle within this specified timeline or the timeline offered by the bidder in the bid, and accepted by the City upon award, may result in the enforcement of Liquidated Damages in accordance with Section II, paragraph Z.

To optimize Fleet Services labor requirements, all deliveries shall be scheduled in advance. The successful bidder, upon receipt of City Purchase Order or Equipment and Vehicle Financing Program Order Letter, and prior to submittal of factory order, shall contact the Fleet Services Engineer at (619) 527-7561 to establish delivery intervals.

The equipment shall be delivered complete and ready for operation. It shall be new and the latest model and, except as otherwise specified, be standard in all respects. It shall have all the usual equipment and features as shown by current Manufacturer's catalogs. It shall be fueled and completely lubricated, and all pre-delivery services shall have been performed.

The complete units shall be delivered FOB destination to the Fleet Services, General Services Department, 2740 Caminito Chollas, San Diego, CA 92105-5039. Delivery must be made Monday through Friday, 10:00 a.m. to 3:00 p.m.

The City will not pay for any equipment that is not delivered as specified in the bid. Conformity to bid specifications and the subsequent acceptance date will be determined by the Fleet Services Engineer. Payment terms will be based on date of acceptance into service by the City.

E. EQUIPMENT AND VEHICLE FINANCING PROGRAM

The City reserves the right to make a direct purchase of proposed equipment, or to arrange financing under the City's Equipment and Vehicle Financing Program.

If the City chooses to utilize its Equipment and Vehicle Financing Program, the successful bidder shall sell the equipment to the City's lessor under the same terms and conditions offered to the City. (See Attachment "C")

F. WARRANTY **PROVIDED IN ADDITION TO STANDARD CCC WARRANTY WITH THIS PROPOSAL IS 2 YR. WARRANTY FOR RADIATOR, STEERING GEAR, AIR COMPRESSOR & DRYER.

All equipment shall have the regular Manufacturer's guarantees against defects in material and workmanship. The guarantee shall have the standard Manufacturer's warranty. In no case shall coverage be less than twelve (12) months after the equipment is deemed completely operational in accordance with all bid specifications and is placed in service. Where a standard Manufacturer warranty exceeds a period of one (1) year, this warranty shall be provided to the City.

The following components shall have a minimum warranty of two years: radiator, steering gear box, air compressor and air dryer.

If within this one (1) year period any repairs or replacements in connection with the vehicle/equipment are, in the opinion of the City, deemed necessary as a result of the Manufacturer's use of inferior or defective materials, equipment, or workmanship, the Manufacturer shall, upon receipt of notice and without expense to the City, take action to properly repair, replace, or correct any and all such defects therein.

Upon provisional award, the successful bidder shall establish and deliver to the City a one (1) year service contract with a City-approved local warranty service facility. Contractor shall furnish written verification of the local warranty service facility contract upon notice of provisional award. Contract and service facility shall have prior approval of the Deputy Director, General Services/Fleet Services.

In the event of a breakdown or failure of the equipment during the warranty period and upon receipt of notice (written or verbal) from the City, Contractor shall take satisfactory action to effect repair or replacement of affected parts within forty-eight (48) hours beginning on the following work day.

Transportation of the equipment from any City of San Diego Station, or place of breakdown, to the warranty service facility for warranty work and back, shall be the responsibility of the Contractor. This includes towing when necessary. If the City must have the equipment towed for reasons of security or safety, the Contractor shall be responsible for all costs. This towing

provision includes manufacturer warranties and emission component warranties that exceed the minimum requirement of twelve (12) months.

Bidder (and any applicable Subcontractors) shall complete the Warranty Acknowledgement Form and submit with bid for each item bid. (See Attachment "D")

Bidders shall submit a copy of the Manufacturer's warranty for all equipment with their bid. If any Manufacturer warranty conflicts with these specifications, these specifications shall prevail as may be in the best interests of the City.

In the event of any conflict between Section III, paragraph E of this ITB and Article V, section 5.7 (Warranties), of the City's General Contract Terms and Provisions, dated October 13, 2014, the language contained in paragraph E shall prevail.

G. OPTIONAL EXTENDED REFUSE BODY WARRANTY

The City requests all bidders to submit an optional price extending the existing one (1) year refuse body warranty excluding sales taxes, for six (6) additional years (seven (7) years total). Bids not offering the extended warranty will still be considered for award. The cost of the optional refuse body warranty will not be evaluated in the ITB award. If included in bidder's bid, the optional warranty shall be available for purchase any time during the initial warranty period offered. Minimum terms and conditions of the additional six (6) year warranty are as follows: *PAK-MOR STANDARD WARRANTY IS 1 YR WITH THE OPTION TO ADD A 3 YR. EXTENDED WARRANTY

THEREFORE OFFERING A TOTAL OF 4 YRS. FROM THE DATE VEHICLE FIRST PUT INTO SERVICE.

1. Items covered under additional six (6) year warranty shall include:

- All hydraulic cylinders, pumps, and valves.
2. Items not covered under six (6) year warranty:
- a. All body related electrical components.
 - b. All hydraulic hoses.

In addition to the items listed, the packer blade, guides, shoes, wear strips, and hopper floor shall be warranted including normal wear and tear for the entire six (6) year period.

Repairs made under the extended refuse body warranty shall be made at the City of San Diego Repair Facility located on Miramar Place. If the vehicle must be transported more than ten (10) miles, the bidder shall be required to pay all transportation costs associated with the transport of the vehicle.

Bidders shall submit with their bid documentation indicating the terms and conditions of any extended warranty offered.

H. PARTS STIPULATION

The successful bidder shall ensure adequate and continued parts support for the useful life of the equipment. The successful bidder shall provide access to proprietary parts for the equipment for a period of not less than five (5) years from the last delivery of the equipment. Parts must be available in San Diego County and/or received by the City of San Diego within forty-eight (48) hours from placement of the order.

Parts shall include, but not be limited to, those for the cab and chassis and related components such as engine, transmission, suspension, and brakes. Additionally, all proprietary consumable and wear parts for the equipment and its related components shall be included.

It is the intent of the City to have a full complement of fast moving spare parts in stock prior to the first delivery of the equipment. The successful bidder shall provide the City with a recommended minimum stock parts list for the equipment within forty-five (45) days of award of contract.

Failure to comply with these stipulations may result in the termination of this contract by the City.

I. KEYS

All locks on delivered equipment shall be operable with one (1) key. Doors and ignition switch shall be keyed to the 1970AM RA4 key blank with N324 key code. Five (5) keys per unit shall be provided upon delivery. All vehicles in this series shall be keyed alike.

J. EQUIPMENT SPECIFICATIONS BROCHURE

Each bidder shall furnish, as a part of the bid, manufacturing specifications brochures clearly describing the equipment they propose to furnish. These accompanying documents shall clearly indicate all points specified herein. Failure to provide brochures may cause the bid to be rejected as non-responsive.

K. EQUIPMENT SPECIFICATIONS CHECKLIST

Each bidder shall furnish, as a part of the bid, the Equipment Specifications Checklist included as Attachment A. The bidder shall insert a "X" (checkmark) in the box labeled "Meets Specifications" or in the box labeled "Exceptions". If bidder inserts a checkmark in the box labeled "Exceptions," any exceptions and/or deviations from the specifications must be clearly stated. Any exceptions will be evaluated and may be basis for rejection if they are found to be detrimental to the operations of the City. Attach additional information regarding exceptions and/or deviations if necessary. The specifications checklist shall be completed in its entirety. Failure to provide a complete, accurate Equipment Specifications Checklist may cause the bid to be rejected as non-responsive.

L. GROUND REACTION AND SPECIFICATIONS CHART

Each bidder shall furnish, as part of the bid, the Ground Reaction and Specifications Chart included as Attachment B. Failure to provide a complete, accurate Ground Reaction and Specifications Chart may cause the bid to be rejected as non-responsive.

**REFER TO LOAD DISTRIBUTION CHARTS PROVIDED BY PAK-MOR & SUBMITTED WITH BID.

M. EQUIPMENT DEMONSTRATION

Bidders may be required, at bidder's expense, to demonstrate their proposed equipment for a minimum of five (5) days in the City of San Diego prior to City award of the contract. Equipment provided for the demonstration must be deemed by the City to be comparable to the equipment specified in the bid. Bidders will not be reimbursed for any costs incurred. The City shall be the sole judge of the suitability and acceptability of any equipment proposed or demonstrated. Demonstration equipment shall be provided within ten (10) calendar days from request.

Demonstration for each truck shall include but not limited to the following:

1. Ability to pick-up and dump at a rate of no less than 120 containers per hour continuously for a minimum of ten (10) continuous hours daily.
2. Ability to pick-up and dump containers ranging in size from 32 to 96 gallons.
3. Ability to pick-up and dump containers for a minimum of 1,000 to maximum of 1,500 service stops per day on street slopes up to 24 degrees.

N. LABELS

All signs and labels required by American National Standards Institute (ANSI), Occupational Safety and Health (OSHA), California Air Resources Board (CARB) and Department of Transportation (DOT) shall be affixed inside the cab or as directed by the appropriate agency. All equipment delivered under these specifications shall comply with all applicable provisions of the Federal Motor Vehicle Standards and California Vehicle Codes.

O. ENGINE EMISSIONS REQUIREMENTS

The engine provided shall conform to the latest federal and state regulations including but not limited to Environmental Protection Agency (EPA) and California Air Resources Board (CARB) Emissions Regulations. Bidder shall provide with their bid copies of the NOX & Particulate Matter (PM) standards to which the engine is certified. Bidder shall also provide with their bid the Executive Order from CARB documenting Certification Level for the equipment offered. The City will fuel the diesel engines with Ultra Low Sulfur (Green) diesel fuel.

P. CHANGES IN EMISSIONS REQUIREMENTS

The City acknowledges that State and/or federal emissions requirements that are applicable to this contract may change at any time during this contract and such changes may include equipment and/or equipment upgrades to the specifications herein. The Contractor shall be responsible for immediately notifying the City in writing of any state and/or federal changes in emissions requirements. In cases where these changes require a price increase, the Contractor shall notify the City immediately of such increase in writing and shall provide detailed supporting documentation to justify the requested increase. The Contractor must include details of any special equipment and/or equipment upgrades that are mandated for installation as a result of the change in emissions requirements. The requested increase will be evaluated by the City, and the City reserves the right to accept or reject.

Q. FEDERAL EXCISE TAX

The City of San Diego is exempt from Federal Excise Tax and will furnish an exemption certificate upon request.

R. PERFORMANCE SUMMARY

A performance summary SCAAN shall be submitted with the bid for all power trains offered. This report shall be issued by the transmission manufacturer.

S. MANUFACTURERS CERTIFIED TRAINING CLASSES

Manufacturers certified training shall be provided to the City by a qualified instructor. Training shall be conducted at a designated City facility. The City will not pay any cost incurred by the successful bidder in providing this training. The successful bidder shall be required to conduct training as follows:

1. Packer Body Training

- a. Three (3) eight (8) hour workdays of instruction for City mechanics.
- b. Two (2) eight (8) hour workdays of instruction for City equipment operators.

2. Cab and Chassis Training

Three (3) eight (8) hour workdays for City mechanics. Diagnostic materials shall be provided during training to Technicians i.e. manuals, software and website access to manufacturer specific information.

Training topics shall include:

- a. Engine familiarization covering topics such as fuel system, engine diagnostics, installation of gas injectors (if applicable), and hands-on diagnostics; and

- b. Transmission trouble shooting and diagnostics of electronic shift control system.

T. APPROVAL DRAWINGS

Final drawings of the proposed refuse packer shall be provided to the City for approval before construction begins. Drawings shall include the following data: Make and Model of all chassis and body components, all external dimensions, including operational clearances, and weight distribution on all axles in both an un-laden and fully loaded state. General schematics of the electrical, pneumatic, and hydraulic systems shall also be provided. Contractor shall provide copies of final drawings in electronic format to the City. Electronic format can be a PDF format, DVD, or access to manufacturer specific websites which provide access to the drawings.

U. PERFORMANCE TESTS AND REQUIREMENTS

All trucks delivered will be road tested before acceptance by the City. A road test will be conducted with the truck fully loaded. A continuous run of at least fifty (50) miles will be made under various driving and load conditions, during which time the truck shall show no loss of power or overheating. The drive line shall run quietly and be free from vibration or noise throughout the operating range of the truck.

The truck, when fully loaded, must be capable of thirty-four percent (34%) gradeability at eighty percent (80%) torque converter efficiency, at a speed of not less than four (4) miles per hour. Note: thirty-four percent (34%) gradeability equals a nineteen degree (19°) slope.

The truck startability, fully loaded, on dry paved street shall exceed forty-four percent (44%) gradeability. Note: forty-four percent (44%) gradeability equals a twenty-four degree (24°) slope.

The truck, fully loaded, shall be capable of attaining a highway speed consistent with the performance profile (SCAAN) submitted with the bid.

V. FAILURE TO MEET TESTS AND REQUIREMENTS

In the event a truck fails to meet the test requirements on the first trial, then at the City's option, a second trial may be conducted within thirty (30) calendar days of the first trial. Such trials shall be final and conclusive, and failure to comply with these requirements may be cause for contract termination if equipment fails to meet any of these specifications.

W. MANUALS AND TECHNICAL INFORMATION

Contractor shall furnish one (1) complete and accurate hard copy of each of the following items for each vehicle/equipment delivered, at the time the first vehicle is delivered, as well as provide access to online manuals and/or current PDF file copies.

1. Shop maintenance manual, illustrated engine repair, and troubleshooting manual.

2. Transmission repair and troubleshooting manual.
3. Chassis repair and troubleshooting manual.
4. Air brake piping diagram including color-coding, shall show all components applicable to equipment furnished.
5. Operator's manual.
6. Certified weight slip.
7. Shop maintenance manual for body equipment.
8. Illustrated parts book, all OEM part numbers and only those parts pertaining directly to these bodies.
9. Complete wiring diagrams shall be provided with the vehicle, including one (1) 36" x 44" laminated set of "E" electrical wiring prints.

X. VIDEO/CD-R TRAINING GUIDES

Four (4) pre-recorded DVD or CD programs shall be provided upon delivery, two (2) from the chassis manufacturer and two (2) from the body/arm builder. These programs shall explain in detail the operations, maintenance procedures, and points of lubrication for the equipment bid.

Y. COMPONENT SUBSTITUTION AND MOUNTING STIPULATION

All packer components and component mounting locations pertaining to the cab and chassis, drive line, suspension and running gear, electrical, and packer body, shall be standardized for all vehicles provided to the City under the terms of this bid. Changes in the components supplied or the component mounting location shall be submitted to the Fleet Services Engineer in writing for review of compatibility with the current equipment specifications. The City shall be the sole judge in approving or rejecting the proposed changes. Changes shall be compatible with existing equipment bid. All units per order shall be from the same production run.

Z. LIQUIDATED DAMAGES

Time is of the essence, and should delivery not be completed on or before the time stipulated, it is mutually agreed and understood by and between the successful bidder and the City that:

A delay would affect the public and the operation of the City; that a reduction in the unit price of one thousand dollars (\$1,000.00) per calendar day for each and every day for each unit which exceeds the delivery time set forth in the contract is the nearest measure of damages for such delay that can be fixed at this time; therefore, the City and the successful bidder hereby establish said reduction in the unit price of one thousand dollars (\$1,000.00) per calendar day for each and every day of delay for each unit as liquidated damages and not as a penalty or forfeiture for the

breach of agreement to complete delivery by the successful bidder on or before the time specified in the contract.

Liquidated damages shall not apply to time elapsing between date of delivery and date of notification to the successful bidder of rejection of sub-specification material.

The above conditions may be invoked if deliveries exceed the specified time or if replacement of material not meeting specifications exceeds the specified time.

Should the Contractor be obstructed or delayed in the work required to be done hereunder by changes in the work or by default, act, or omission of the City, or by strikes, fire, act of God, or by the inability to obtain materials, equipment, or labor due to Federal Government restrictions arising out of the defense or war program, then the time of completion shall be extended for such period as may be agreed. Should there be insufficient time to grant such extensions prior to the completion date of the contract, the City may, at the time of acceptance of the work, waive liquidated damages which may have accrued for failure to complete on time, due to any of the above reasons, after hearing evidence as to the reasons for such delay.

Z. LIQUIDATED DAMAGES CLAUSE - LOS ANGELES TRUCK CENTERS, LLC IS TAKING EXCEPTION TO THE LIQUIDATED DAMAGES CLAUSE OF \$1,000.00 PER CALENDAR DAY AS STIPULATED IN SOLICITATION NUMBER 10054780-15-R FOR DELAYS THAT ARE OUT OF THE SCOPE OF OUR CONTROL. LOS ANGELES TRUCK CENTERS, LLC WILL BE PROACTIVE IN MANAGING THIS PROJECT TO ASSURE THE CITY OF SAN DIEGO WILL GET THEIR SAID EQUIPMENT IN A REASONABLE TIME FRAME. SHOULD LOS ANGELES TRUCK CENTERS, LLC INCUR ANY UNEXPECTED DELAYS DUE TO INABILITY TO OBTAIN MATERIALS, EQUIPMENT, OR LABOR REQUIRED TO COMPLETE FROM ANY OF ITS MANUFACTURERS AND (OR) SUPPLIERS, WE WILL NOTIFY THE CITY OF SAN DIEGO IN WRITING DETAILING SUCH DELAYS WITH AN APPROXIMATE TIME WHEREBY THE CITY OF SAN DIEGO COULD EXPECT TO RECEIVE ITS EQUIPMENT AND REASONS FOR SUCH DELAY.

BEST REGARDS,
RON CREIGHTON
909-510-4406 OFFICE

III. PRICING PAGE(S)

A. Pricing.

I. **City's Estimated Need.** The City will consider the pricing provided for Sections 1 through 2 in the ITB award evaluation. Bidder's pricing for Sections 3 through 5 will not be considered for ITB award evaluation purposes but the City may, at its sole option, award a contract for any of those items in accordance with Section I, paragraphs C.1 and D.3 of this ITB. Bidders are required to provide pricing for Sections 1 through 5 in order to be considered responsive to this ITB.

NOTE: Estimated quantity is the number of units estimated to be purchased over the term of the agreements. Units purchased is dependent upon fiscal year funding.

SECTION 1 – 18 AND 25 CUBIC YARD REAR LOADING REFUSE PACKERS

Est. Qty	U/M	Description	Unit Cost	Extension
15	EA	18 Cubic Yard Rear Loading Refuse Packer (as specified in Attachment A). Pricing with Diesel Engine: Delivery Time: <u>180-240</u> Calendar Days ARO. Cab and Chassis Manufacturer: <u>CRANE CARRIER CORP.</u> Model: <u>LET2-23</u> Body Manufacturer: <u>PAK-MOR</u> Model: <u>R21B3</u> Warranty Period Cab and Chassis: <u>1 YEAR</u> Warranty Period Body: <u>1 YEAR</u>	\$ 247,967.00	\$ 3,719,505.00

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Est. Qty.	U/M	Description	Unit Cost	Extension
15	EA	18 Cubic Yard Rear Loading Refuse Packer (as specified in Attachment A). Pricing with CNG Engine: Delivery Time: <u>180-240</u> Calendar Days ARO. Cab and Chassis Manufacturer: <u>CRANE CARRIER CORP.</u> Model: <u>LET2-23</u> Body Manufacturer: <u>PAK-MOR</u> Model: <u>R21EB</u> Warranty Period Cab and Chassis: <u>1 YEAR</u> Warranty Period Body: <u>1 YEAR</u>	\$ 274,911.00	\$ 4,123,665.00

Est. Qty	U/M	Description	Unit Cost	Extension
15	EA	25 Cubic Yard Rear Loading Refuse Packer (as specified in Attachment A) Pricing with Diesel Engine: Delivery Time: <u>180-240</u> Calendar Days ARO _____ Cab and Chassis Manufacturer: <u>CRANE CARRIER CORP</u> Model: <u>LET2-40</u> Body Manufacturer: <u>PAK-MOR</u> Model: <u>R225B</u> Warranty Period Cab and Chassis: <u>1 YEAR</u> Warranty Period Body: <u>1 YEAR</u>	\$ 255,240.00	\$ 3,828,600.00
15	EA	25 Cubic Yard Rear Loading Refuse Packer (as specified in Attachment A) Pricing with CNG Engine: Delivery Time: <u>180-240</u> Calendar Days ARO _____ Cab and Chassis Manufacturer: <u>CRANE CARRIER CORP.</u> Model: <u>LET2-40</u> Body Manufacturer: <u>PAK-MOR</u> Model: <u>R225B</u> Warranty Period Cab and Chassis: <u>1 YEAR</u> Warranty Period Body: <u>1 YEAR</u>	\$ 282,301.00	\$ 4,234,515.00

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Est. Qty	U/M	Description	Unit Cost	Extension
		<u>The following is for information purposes only and will not be included in the ITB award evaluation.</u>		
15	EA	18 Cubic Yard Loading Refuse Packer Pricing for optional six (6) year Refuse Body Warranty:	\$ 5,000.00*	\$ 75,000.00
15	EA	25 Cubic Yard Loading Refuse Packer Pricing for optional six (6) year Refuse Body Warranty	\$ 5,000.00*	\$ 75,000.00

*EXCEPTION (6) YEAR REFUSE BODY WARRANTY

STANDARD WARRANTY 1 YEAR - ADDITIONAL 3 YEAR EXTENDED WARRANTY = 4 YEAR TOTAL = \$5,000.00 PER UNIT

SECTION 2 – CAMERA SYSTEM FOR REAR LOADING REFUSE PACKERS (18 CUBIC YARD AND 25 CUBIC YARD)

Est. Qty.	U/M	Description	Unit Cost	Extension
15	EA	Color Camera System, including installation (as specified in Attachment A) Camera Manufacturer: <u>INTEC VIDEO SYSTEMS, INC.</u> Model: <u>CVC470HXL</u> Co-axial Cable Manufacturer: <u>INTEC VIDEO</u> Model: <u>CVXLP21MA</u> Monitor Manufacturer: <u>INTEC VIDEO SYSTEMS, INC.</u> Model: <u>CVD650LCD</u> Monitor Swivel Mounting Bracket Manufacturer: <u>INTEC VIDEO</u> Model: <u>SMB470</u> Warranty Period: <u>CAMERA - 8 YR, DISPLAY MONITOR - 5 YR.</u>	\$ 1,900.00	\$ 28,500.00

TOTAL FOR SECTIONS 1 THROUGH 2 (Excluding Section 1 Cost for Optional Six (6) Year Refuse Body Warranty):

\$ 15,934,785.00

*OPTION - INTEC VIDEO SYSTEMS, INC. CVC500AH CAMERA W/AUDIO & HEATER, 123x91 WITH 1 YEAR WARRANTY
 CVD650LCD DISPLAY MONITOR 6.5" COLOR LCD WATERPROOF DISPLAY WITH 1 YEAR WARRANTY
 CVS100H CONTROLLER 1 CHANNEL WATERPROOF HIROSE
 CVR100 REMOTE - CVS100/102 WATERPROOF
 CVH21MA CABLE ASSY - 21 METER (69.5') POLYURETHANE HIROSE
 EXCEPTION - PG. 27 SECTION 01a. FIELD OF VIEW 91 DEGREES VERTICAL, 123 DEGRESS HORIZONTAL

*OPTION COST - \$1,235.00 EACH x EST. QTY (15) = \$18,525.00 IN LIEU OF ABOVE PRICE

SECTION 3 – ZONAR VEHICLE INSPECTION SYSTEM (Option to Purchase)

Est. Qty.	U/M	Description	Unit Cost	Extension
15	EA	Cost to provide the Zonar Vehicle Inspection System (as specified in Attachment A) Manufacturer: ZONAR SAFETY SYSTEMS Model: SAN0441 Warranty Period: V3 = 5YR. 2010 HAND HELD = 3YRS. Price Kit Only: \$ 632.00 <u>Pricing for this Section is for information purposes only and will not be included in the ITB award evaluation</u>	\$ 782.00	\$ 11,730.00
TOTAL FOR SECTION 3:				\$ 11,730.00

SECTION 4 – LAPTOP COMPUTER AND DIAGNOSTIC TOOLS (Option to Purchase)

Est. Qty	U/M	Description	Unit Cost	Extension
2	EA	Cost to provide Laptop Computer and Diagnostic Tools (as specified in Attachment A) Manufacturer: <u>GETAC</u> Model: <u>*S400 SRNB 2.6 GHZ 4GB 500GB 14" MONITOR</u> Warranty Period: <u>1 YEAR</u> <u>Pricing for this Section is for information purposes only and will not be included in the ITB award evaluation</u>	\$ 6,141.00	\$ 12,282.00
*INCLUDES: PCM CONFIGURATION & ASSET MANAGEMENT SERVICES. COMPUTER IMAGING, CONFIGURATION, & ASSET MANAGEMENT SERVICES FOR CITY OF SAN DIEGO.			TOTAL FOR SECTION 4:	\$ 12,282.00

SECTION 5 – CART FLIPPER (Option to Purchase)

Est. Qty	U/M	Description	Unit Cost	Extension
15	EA	Cost to provide Cart Flipper Manufacturer: <u>PERKINS</u> Model: <u>D6080</u> Warranty Period: <u>1 YEAR</u> <u>Pricing for this Section is for information purposes only and will not be included in the ITB award evaluation</u>	\$ 5,800.00	\$ 87,000.00
TOTAL FOR SECTION 5:				\$ 87,000.00

2. **Discounts.** Any discount offered other than for prompt payment should be included in the net price quoted instead of shown as a separate item.
3. **Prices Submitted or Corrected.** All prices and notations must be written in ink or typed. Responses must be free of erasures. Corrections must be initialed in ink by the person signing the bid.
4. **Manufacturer's Price List.** Bidders must submit a current manufacturer's price list with the bid.
5. **Fixed Price.** All prices shall be firm, fixed, fully burdened, FOB destination, and include any applicable delivery or freight charges, and any other costs required to provide the requirements as specified in this ITB.

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6. Taxes and Fees. Taxes and applicable local, state, and federal regulatory fees should not be included in the price proposal. Applicable taxes and regulatory fees will be added to the net amount invoiced. The City is liable for state, city, and county sales taxes but is exempt from Federal Excise Tax and will furnish exemption certificates upon request. All or any portion of the City sales tax returned to the City will be considered in the evaluation of bids.

7. Escalation. An escalation factor is not allowed unless called for in this ITB. If escalation is allowed, bidder must notify the City in writing in the event of a decline in market price(s) below the bid price. At that time, the City will make an adjustment in the Contract or may elect to re-solicit.

8. Unit Price. Unless the bidder clearly indicates that the price is based on consideration of being awarded the entire lot and that an adjustment to the price was made based on receiving the entire bid, any difference between the unit price correctly extended and the total price shown for all items shall be offered shall be resolved in favor of the unit price.

IV. CONTRACT

A. Contract Documents. The following documents comprise the Contract between the City and Contractor: this ITB and Cover Sheet; the successful bid; the Notice of Intent to Award; the City's written acceptance of exceptions or clarifications to the ITB, if any; and the City's General Contract Terms and Provisions.

B. Contract Interpretation. The Contract Documents completely describe the goods and/or services to be provided. Contractor will provide any goods and/or services that may reasonably be inferred from the Contract Documents or from prevailing custom or trade usage as being required to produce the intended result whether or not specifically called for or identified in the Contract Documents. Words or phrases which have a well-known technical or construction industry or trade meaning and are used to describe goods or services will be interpreted in accordance with that meaning unless a definition has been provided in the Contract Documents.

C. Precedence. In resolving conflicts resulting from errors or discrepancies in any of the Contract Documents, the Parties will use the order of precedence as set forth below. The document highest in the order of precedence controls. Inconsistent provisions in the Contract Documents that address the same subject, are consistent, and have different degrees of specificity, are not in conflict and the more specific language will control. The order of precedence from highest to lowest is as follows:

- 1st This ITB and Cover Sheet
- 2nd The City's written acceptance of any exceptions to clarifications to the ITB, if any
- 3rd Specifications and any addenda thereto
- 4th Contractor's Pricing Page(s)
- 5th All sections of the ITB not identified above
- 6th City's General Contract Terms and Provisions

D. Counterparts. This Contract may be executed in counterparts which, when taken together, shall constitute a single signed original as though all Parties had executed the same page.

E. Public Agencies. Other public agencies, as defined by California Government Code section 6500, may choose to use the terms of this Contract, subject to Contractor's acceptance. The City is not liable or responsible for any obligations related to a subsequent agreement between Contractor and another public agency.

City of San Diego
CONTRACTOR STANDARDS
Pledge of Compliance

The City of San Diego has adopted a Contractor Standards Ordinance (CSO) codified in section 22.3004 of the San Diego Municipal Code (SDMC). The City of San Diego uses the criteria set forth in the CSO to determine whether a bidder or proposer has the capacity to fully perform the contract requirements and the business integrity to justify the award of public funds. This completed Pledge of Compliance signed under penalty of perjury must be submitted with each bid and proposal. If an informal solicitation process is used, the bidder must submit this completed Pledge of Compliance to the City prior to execution of the contract. All responses must be typewritten or printed in ink. If an explanation is requested or additional space is required, Respondents must provide responses on Attachment A to the Pledge of Compliance and sign each page. Failure to submit a signed and completed Pledge of Compliance may render the bid or proposal non-responsive. In the case of an informal solicitation, the contract will not be awarded unless a signed and completed Pledge of Compliance is submitted. A submitted Pledge of Compliance is a public record and information contained within will be available for public review except to the extent that such information is exempt from disclosure pursuant to applicable law.

A. BID/PROPOSAL/SOLICITATION TITLE:

10054780-15-R / REAR LOADING REFUSE PACKERS

B. BIDDER/PROPOSER INFORMATION:

LOS ANGELES TRUCK CENTERS, LLC		SAN DIEGO FREIGHTLINER	
Legal Name		DBA	
13800 VALLEY BLVD.	FONTANA	CA	92335
Street Address	City	State	Zip
RON CREIGHTON	909-510-4406	562-447-1544	
Contact Person, Title	Phone	Fax	

C. OWNERSHIP AND NAME CHANGES:

1. In the past five (5) years, has your firm changed its name?

Yes No

If Yes, use Attachment "A" to list all prior legal and DBA names, addresses, and dates each firm name was used. Explain the specific reasons for each name change.

2. In the past five (5) years, has a firm owner, partner, or officer operated a similar business?

Yes No

If Yes, use Attachment "A" to list names and addresses of all businesses and the person who operated the business. Include information about a similar business only if an owner, partner, or officer of your firm holds or has held a similar position in another firm.

D. BUSINESS ORGANIZATION/STRUCTURE:

Indicate the organizational structure of your firm. Fill in only one section on this page. Use Attachment "A" if more space is required.

Corporation Date incorporated: ___/___/___ State of incorporation: CALIFORNIA

List corporation's current officers: President: _____
 Vice Pres: _____
 Secretary: _____
 Treasurer: _____

If **Yes**, use Attachment "A" to explain specific circumstances; include bonding company name.

3. In the past five (5) years, has a bonding company made any payments to satisfy claims made against a bond issued on your firm's behalf or a firm where you were the principal?

Yes No

If **Yes**, use Attachment "A" to explain specific circumstances.

4. In the past five (5) years, has any insurance carrier, for any form of insurance, refused to renew the insurance policy for your firm?

Yes No

If **Yes**, use Attachment "A" to explain specific circumstances.

5. Within the last five years, has your firm filed a voluntary petition in bankruptcy, been adjudicated bankrupt, or made a general assignment for the benefit of creditors?

6. Please provide the name of your principal financial institution for financial reference. By submitting a response to this Solicitation Contractor authorizes a release of credit information for verification of financial responsibility.

Name of Bank: JPMorgan Chase Bank, N.A.

Point of Contact: _____

Address: New York, NY - Acct No. 113872630

Phone Number: _____

7. By submitting a response to a City solicitation, Contractor certifies that he or she has sufficient operating capital and/or financial reserves to properly fund the requirements identified in the solicitation. At City's request, Contractor will promptly provide to City a copy of Contractor's most recent balance sheet and/or other necessary financial statements to substantiate financial ability to perform.

F. PERFORMANCE HISTORY:

1. In the past five (5) years, has your firm been found civilly liable, either in a court of law or pursuant to the terms of a settlement agreement, for defaulting or breaching a contract with a government agency?

Yes No

If **Yes**, use Attachment "A" to explain specific circumstances.

2. In the past five (5) years, has a public entity terminated your firm's contract for cause prior to contract completion?

Yes No

If **Yes**, use Attachment "A" to explain specific circumstances and provide principal contact information.

3. In the past five (5) years, has your firm entered into any settlement agreement for any lawsuit that alleged contract default, breach of contract, or fraud with or against a public entity?

Yes No

If **Yes**, use Attachment "A" to explain specific circumstances.

4. Is your firm currently involved in any lawsuit with a government agency in which it is alleged that your firm has defaulted on a contract, breached a contract, or committed fraud?

Yes No

If Yes, use Attachment "A" to explain specific circumstances.

5. In the past five (5) years, has your firm, or any firm with which any of your firm's owners, partners, or officers is or was associated, been debarred, disqualified, removed, or otherwise prevented from bidding on or completing any government or public agency contract for any reason?

Yes No

If Yes, use *Pledge of Compliance Attachment "A"* to explain specific circumstances.

6. In the past five (5) years, has your firm received a notice to cure or a notice of default on a contract with any public agency?

Yes No

If Yes, use Attachment "A" to explain specific circumstances and how the matter resolved.

7. Performance References:

Please provide a minimum of three (3) references familiar with work performed by your firm which was of a similar size and nature to the subject solicitation within the last five (5) years.

Company Name: City of Los Angeles

Contact Name and Phone Number: Claudia Landrum 213-928-9540

Contact Email: claudia.landrum@lacity.org

Address: 111 E. 1st. Street Room 110 Los Angeles, CA. 90012

Contract Date: September 2014

Contract Amount: \$5,328,552.47

Requirements of Contract: Qty (15) Refuse Collection Vehicles

Company Name: City of Claremont

Contact Name and Phone Number: Kristin Mikula

Contact Email: ktturner@ci.claremont.ca.uc

Address: 1616 Monte Vista Avenue Claremont, CA. 91711

Contract Date: March 2015

Contract Amount: \$970,004.59

Requirements of Contract: Qty (3) Refuse Collection Vehicles

Company Name: City of San Diego

Contact Name and Phone Number: Raymond Vestri

Contact Email: rvestri@sandiego.gov

Address: 1200 Third Avenue San Diego, CA. 92101

Contract Date: December 2014

Contract Amount: \$2,548,197.08

Requirements of Contract: Qty (10) Refuse Collection Vehicles

G. COMPLIANCE:

1. In the past five (5) years, has your firm or any firm owner, partner, officer, executive, or manager been criminally penalized or found civilly liable, either in a court of law or pursuant to the terms of a settlement agreement, for violating any federal, state, or local law in performance of a contract, including but not limited to, laws regarding health and safety, labor and employment, permitting, and licensing laws?

Yes No

If **Yes**, use Attachment "A" to explain specific circumstances surrounding each instance. Include the name of the entity involved, the specific infraction(s) or violation(s), dates of instances, and outcome with current status.

2. In the past five (5) years, has your firm been determined to be non-responsible by a public entity?

Yes No

If **Yes**, use Attachment "A" to explain specific circumstances of each instance. Include the name of the entity involved, the specific infraction, dates, and outcome.

H. BUSINESS INTEGRITY:

1. In the past five (5) years, has your firm been convicted of or found liable in a civil suit for making a false claim or material misrepresentation to a private or public entity?

Yes No

If **Yes**, use Attachment "A" to explain specific circumstances of each instance. Include the entity involved, specific violation(s), dates, outcome and current status.

2. In the past five (5) years, has your firm or any of its executives, management personnel, or owners been convicted of a crime, including misdemeanors, or been found liable in a civil suit involving the bidding, awarding, or performance of a government contract?

Yes No

If **Yes**, use *Pledge of Compliance Attachment "A"* to explain specific circumstances of each instance; include the entity involved, specific infraction(s), dates, outcome and current status.

3. In the past five (5) years, has your firm or any of its executives, management personnel, or owners been convicted of a federal, state, or local crime of fraud, theft, or any other act of dishonesty?

Yes No

If **Yes**, use *Pledge of Compliance Attachment "A"* to explain specific circumstances of each instance; include the entity involved, specific infraction(s), dates, outcome and current status.

I. WAGE COMPLIANCE:

In the past five (5) years, has your firm been required to pay back wages or penalties for failure to comply with the federal, state or local prevailing, minimum, or living wage laws? Yes No If Yes, use Attachment "A" to explain the specific circumstances of each instance. Include the entity involved, the specific infraction(s), dates, outcome, and current status.

J. STATEMENT OF SUBCONTRACTORS:

Please provide the names and information for all subcontractors used in the performance of the proposed contract, and what portion of work will be assigned to each subcontractor. Subcontractors may not be substituted without the written consent of the City. Use Attachment "A" if additional pages are necessary. If no subcontractors will be used, please write "Not Applicable."

Company Name: RAY GASKIN SERVICE

Contact Name and Phone Number: 909-574-7000

Contact Email: rgaskinservice@yahoo.com

Address: 14572 RANCHO VISTA DRIVE FONTANA, CA. 92335

Contract Date: APRIL 2015

Sub-Contract Dollar Amount: \$2,711,110.00 (30 REFUSE BODIES)

Requirements of Contract: REAR END LOADER BODY DEALER & INSTALLER

What portion of work will be assigned to this subcontractor: SUPPLY REFUSE COLLECTION BODY

Is the Subcontractor a certified SLBE, ELBE, MBE, DBE, DVBE, or OBE? (Circle One) YES NO
CERTIFIED STATE OF CALIFORNIA AS DVBE & SLBE. *SEE CERTIFICATE ATTACHED.

If YES, Contractor must provide valid proof of certification with the response to the bid or proposal.

Company Name: _____

Contact Name and Phone Number: _____

Contact Email: _____

Address: _____

Contract Date: _____

Sub-Contract Dollar Amount: _____

Requirements of Contract: _____

What portion of work will be assigned to this subcontractor: _____

Is the Subcontractor a certified SLBE, ELBE, MBE, DBE, DVBE, or OBE? (Circle One) YES NO

If YES, Contractor must provide valid proof of certification with the response to the bid or proposal.

California Certification Report

25500 - RAY GASKIN SERVICE - MB			
Legal Business Name	RAY GASKIN SERVICE		
Doing Business As	RAY GASKIN SERVICE		
Address	14572 RANCHO VISTA DRIVE	Phone	(909) 574-7000
	FONTANA, CA 92335	FAX	(909) 574-7005
Email			
Web Page	http://raygaskinservice.com		
Active Certifications	SB (micro) Mar 8, 2013 - Mar 31, 2017		
Business Types	Service; Non-Manufacturer; Manufacturer;		
Classifications	[231530] Holding and positioning and guiding systems and devices		
	[241128] Freight containers		
	[251728] Hydraulic systems and components		
	[411041] Specimen collection and transport containers and supplies		
	[471217] Waste containers and accessories		
	[333924] Industrial Truck, Tractor, Trailer, and Stacker Machinery Manufacturing		
Keywords	HYDRAULICS REFUSE EQUIPMENT PAKMOR PERKINS MANUFACTURER WAYNE ENGINEERING NEW WAY SCRANTON GASKIN SALES SERVICE AND REPAIR OF REFUSE AND DUMP TRUCKS REPAIR OF HYDRAULIC CYLINDERS		



K. STATEMENT OF AVAILABLE EQUIPMENT:

List all necessary equipment to complete the work specified. Use *Pledge of Compliance Attachment "A"* if additional pages are necessary. In instances where the required equipment is not owned by the Contractor, Contractor shall explain how the equipment will be made available before the commencement of work. The City of San Diego reserves the right to reject any response when, in its opinion, the Contractor has not demonstrated he or she will be properly equipped to perform the work in an efficient, effective manner for the duration of the contract period.

If no equipment is necessary to complete the work specified, please write "Not Applicable."

Equipment Description: NOT APPLICABLE

Owned Rented Other (explain below)

If Owned, Quantity Available: _____

Year, Make & Model: _____

Explanation: _____

Equipment Description: _____

Owned Rented Other (explain below)

If Owned, Quantity Available: _____

Year, Make & Model: _____

Explanation: _____

Equipment Description: _____

Owned Rented Other (explain below)

If Owned, Quantity Available: _____

Year, Make & Model: _____

Explanation: _____

L. TYPE OF SUBMISSION: This document is submitted as:

Initial submission of *Contractor Standards Pledge of Compliance*.

Update of prior *Contractor Standards Pledge of Compliance* dated 03 / 01 / 12.

Complete all questions and sign below.

Under penalty of perjury under the laws of the State of California, I certify that I have read and understand the questions contained in this Pledge of Compliance, that I am responsible for completeness and accuracy of the responses contained herein, and that all information provided is true to the best of my knowledge and belief. I agree to provide written notice to the Purchasing Agent within five (5) business days if, at any time, I learn that any portion of this Pledge of Compliance. Failure to timely provide the Purchasing Agent with written notice is grounds for Contract termination.

I, on behalf of the firm, further certify that I and my firm will comply with the following provisions of SDMC section 22.3004:

- (a) I and my firm will comply with all applicable local, State and Federal laws, including health and safety, labor and employment, and licensing laws that affect the employees, worksite or performance of the contract.
- (b) I and my firm will notify the Purchasing Agent in writing within fifteen (15) calendar days of receiving notice that a government agency has begun an investigation of me or my firm that may result in a finding that I or my firm is or was not in compliance with laws stated in paragraph (a).
- (c) I and my firm will notify the Purchasing Agent in writing within fifteen (15) calendar days of a finding by a government agency or court of competent jurisdiction of a violation by the Contractor of laws stated in paragraph (a).
- (d) I and my firm will notify the Purchasing Agent in writing within fifteen (15) calendar days of becoming aware of an investigation or finding by a government agency or court of competent jurisdiction of a violation by a subcontractor of laws stated in paragraph (a).
- (e) I and my firm will cooperate fully with the City during any investigation and to respond to a request for information within ten (10) working days.

Failure to sign and submit this form with the bid/proposal shall make the bid/proposal non-responsive. In the case of an informal solicitation, the contract will not be awarded unless a signed and completed *Pledge of Compliance* is submitted.

RON CREIGHTON



4-10-15

Name and Title

Signature

Date

City of San Diego
CONTRACTOR STANDARDS
Pledge of Compliance Attachment "A"

Provide additional information in space below. Use additional Attachment "A" pages as needed. Each page must be signed. Print in ink or type responses and indicate question being answered.

I have read the matters and statements made in this Contractor Standards Pledge of Compliance and attachments thereto and I know the same to be true of my own knowledge, except as to those matters stated upon information or belief and as to such matters, I believe the same to be true. I certify under penalty of perjury that the foregoing is true and correct.

RON CREIGHTON

Print Name, Title

Ron Creighton

Signature

4-10-15

Date

ATTACHMENT

EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP)

GOODS AND SERVICES CONTRACTOR REQUIREMENTS

I. City's Equal Opportunity Contracting Commitment.

The City of San Diego (City) promotes equal employment and subcontracting opportunities. The City is committed to ensuring that taxpayer dollars spent on public contracts are not paid to businesses that practice discrimination in employment or subcontracting. The City encourages all companies seeking to do business with the City to share this commitment.

City contractors must submit the required EOCP documentation indicated below with their bids. Contractors who fail to provide the required EOCP documentation are considered non-responsive.

II. Definitions.

Minority Business Enterprise (MBE): a certified business which is at least fifty-one percent (51%) owned by African Americans, American Indians, Asians, Filipinos, Latinos, or a combination and whose management and daily operation is controlled by one or more members of the identified ethnic groups. In the case of a publicly-owned business, at least fifty-one percent (51%) of the stock shall be owned by, and the business operated by, one or more members of the identified ethnic groups.

Women Business Enterprise (WBE): a certified business which is at least fifty one percent (51 %) owned by one or more women and whose management and daily operation is controlled by the qualifying party(ies). In the case of a publicly-owned business, at least fifty-one percent (51%) of the stock shall be owned by, and the business operated by, one or more women.

Disadvantaged Business Enterprise (DBE): a certified business which is at least fifty-one (51%) owned and operated by one or more socially and economically disadvantaged individuals and whose management and daily operation is controlled by the qualifying party(ies). In the case of a publicly-owned business, at last fifty-one (51%) of the stock shall be owned by, and the business operated by, socially and economically disadvantaged individuals

Disabled Veteran Business Enterprise (DVBE): a certified business which is at least fifty-one percent (51%) owned and operated by one or more veterans with a service related disability and whose management and daily operation is controlled by the qualifying party(ies). The firm shall be certified by the State of California's Department of General Services, Office of Small and Minority Business.

Other Business Enterprise (OBE): any business which does not otherwise qualify as Minority, Woman, Disadvantaged or Disabled Veteran Business Enterprise.

Emerging Business Enterprise (EBE): a business whose gross annual receipts do not exceed the amount set by the City Manager, and which meets all other criteria set forth in regulations implementing the City's small and local business preference program. The City Manager shall review the threshold amount for EBEs on an annual basis, and adjust as necessary to reflect changes in the marketplace.

Emerging Local Business Enterprise (ELBE): a Local Business Enterprise that is also an Emerging Business Enterprise.

Small Business Enterprise (SBE): a business whose gross annual receipts do not exceed the amount set by the City Manager, and that meets all other criteria set forth in regulations implementing the City's small and local business preference program. The City Manager shall review the threshold amount for SBEs on an annual basis, and adjust as necessary to reflect changes in the marketplace. A business certified as a DVBE by the State of California, and that has provided proof of such certification to the City Manager, shall be deemed to be an SBE.

Small Local Business Enterprise (SLBE): a Local Business Enterprise that is also a Small Business Enterprise.

Local Business Enterprise (LBE): a business that has both a principle place of business and a significant employment presence in the County of San Diego, and that has been in operation for twelve (12) consecutive months. This definition is subsumed within the definition of Small Local Business Enterprise.

Principle Place of Business: a location wherein a business maintains a physical office and through which it obtains no less than fifty percent (50%) of its gross annual receipts.

Significant Employee Presence: no less than twenty-five percent (25%) of a business's total number of employees.

Commercially Useful Function: an SLBE/ELBE performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the SLBE/ELBE shall also be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself.

To determine whether an SLBE/ELBE is performing a commercially useful function, an evaluation will be performed of the amount of work subcontracted, normal industry practices, whether the amount the SLBE/ELBE firm is to be paid under the contract is commensurate with the work it is actually performing and the SLBE/ELBE credit

claimed for its performance of the work, and other relevant factors. Specifically, an SLBE/ELBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of meaningful and useful SLBE/ELBE participation, when in similar transactions in which SLBE/ELBE firms do not participate, there is no such role performed.

III. Disclosure of Discrimination Complaints.

As part of its bid or proposal, Contractor shall provide to the City a list of all instances within the past ten (10) years where a complaint was filed or pending against Contractor in a legal or administrative proceeding alleging that Contractor discriminated against its employees, subcontractors, vendors, or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken. (Attachment AA).

IV. Workforce Report and Equal Opportunity Outreach Plan.

A. Work Force Report. Contractors shall submit with their bid or proposal a Work Force Report for approval by the City. (Attachment BB). If the City determines that there are under representations when compared to County Labor Force Availability data, then the Contractor will also be required to submit an Equal Employment Opportunity (EEO) Plan to the City for approval.

B. Duty to Comply with Equal Opportunity Outreach Plan. A Contractor for whom an Equal Employment Opportunity Plan (EEOP) has been approved by the City shall use best efforts to comply with that EEOP.

V. **Small and Local Business Program Requirements.** The City has adopted a SLBE program for goods and services contracts. SLBE program requirements for goods and services contracts are set forth Council Policy 100-10.

A. SLBE and ELBE Participation for Contracts Valued Over \$50,000:

1. The City shall apply a bid discount in the way of:

- a. Two percent (2%) discount off the bid price for SLBE or ELBE prime contractors; or
- b. Two percent (2%) discount off the bid price for prime contractors achieving the voluntary goal of twenty percent (20%) for SLBE or ELBE subcontractor participation set forth in Subsection 2 below.

The discount will not apply if an award to the discounted bidder or proposer would result in a total contract cost of \$10,000 in excess of the low, non-discounted bid or proposal. In the event of a tie between a

discounted bidder or proposer and non-discounted bidder or proposer, the discounted bidder or proposer will be awarded the contract.

2. All goods or services contracts valued over \$50,000 or more have a voluntary SLBE/ELBE goal of twenty percent (20%). For the purposes of this Council Policy, the voluntary subcontractor requirement may be met by a provider of materials or supplies.

VI. Certification.

The City accepts certifications of MBE, WBE, DBE, or DVBE from the following certifying agencies:

- A. Current certification by the State of California Department of Transportation (CALTRANS) as DBE.
- B. Current MBE or WBE certification from the California Public Utilities Commission.
- C. DVBE certification is received from the State of California's Department of General Services, Office of Small and Minority Business.
- D. Current certification by the City of Los Angeles as DBE, WBE or MBE.

Subcontractors' valid proof of certification status e.g., copy of MBE, WBE, DBE, or DVBE certification must be submitted with the ITB.

VII. List of Attachments.

- AA. Contractors Certification of Pending Actions
- BB. Work Force Report

ATTACHMENT

AA. CONTRACTORS CERTIFICATION OF PENDING ACTIONS

As part of its bid, the Contractor must provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against the Contractor in a legal or administrative proceeding alleging that Contractor discriminated against its employees, subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

CHECK ONE BOX ONLY.

- The undersigned certifies that within the past 10 years the Contractor has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Contractor discriminated against its employees, subcontractors, vendors or suppliers.
- The undersigned certifies that within the past 10 years the Contractor has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Contractor discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

DATE OF CLAIM	LOCATION	DESCRIPTION OF CLAIM	LITIGATION (Y/N)	STATUS	RESOLUTION/ REMEDIAL ACTION TAKEN

Contractor Name: LOS ANGELES TRUCK CENTERS, LLC

Certified By RON CREIGHTON Title MUNICIPAL SALES

Name

Ron Creighton

Signature

Date APRIL 10, 2015



City of San Diego

EQUAL OPPORTUNITY CONTRACTING (EOC)

1200 Third Avenue • Suite 200 • San Diego, CA 92101

Phone: (619) 236-6000 • Fax: (619) 236-5904

BB. WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report (WFR)*.

NO OTHER FORMS WILL BE ACCEPTED**CONTRACTOR IDENTIFICATION**

Type of Contractor: Construction Vendor/Supplier Financial Institution Lessee/Lessor
 Consultant Grant Recipient Insurance Company Other

Name of Company: LOS ANGELES TRUCK CENTERS, LLCADA/DBA: LOS ANGELES FREIGHTLINER, SAN DIEGO FREIGHTLINER, VELOCITY VEHICLE GROUPAddress (Corporate Headquarters, where applicable): 2429 S. PECK ROADCity: WHITTIER County: LOS ANGELES State: CA Zip: 90601Telephone Number: (562) 447-1200 Fax Number: (562) 447-1544Name of Company CEO: BRYAN KOBUS

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: SAN DIEGO FREIGHTLINER 6006 MIRAMAR ROADCity: SAN DIEGO County: SAN DIEGO State: CA. Zip: 92121Telephone Number: (619) 564-3700 Fax Number: (619) 564-3719Type of Business: TRUCK DEALERSHIP

Type of License: _____

The Company has appointed: ELIZABETH LIZARRAGA

As its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: 2429 S. PECK ROAD WHITTIER, CA. 90601Telephone Number: (562) 447-1539 Fax Number: (562) 447-1271 One San Diego County (or Most Local County) Work Force - Mandatory Branch Work Force * Managing Office Work Force*Check the box above that applies to this WFR.***Submit a separate Work Force Report for all participating branches. Combine WFRs if more than one branch per county.*I, the undersigned representative of LOS ANGELES TRUCK CENTERS, LLC

(Firm Name)

LOS ANGELESCALIFORNIA

hereby certify that information provided

(County)

(State)

herein is true and correct. This document was executed on this 10 day of APRIL, 2015M. Cobus
(Authorized Signature)BRYAN KOBUS - CFO

(Print Authorized Signature Name)

ATTACHMENT

NAME OF FIRM: LOS ANGELES TRUCK CENTERS, LLC DATE: 4-10-15

OFFICE(S) or BRANCH(ES): LA / FONTANA / SAN DIEGO / CARSON / OXNARD COUNTY: LOS ANGELES

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- | | |
|--|--|
| (1) Black, African-American | (5) Filipino |
| (2) Hispanic, Latino, Mexican-American, Puerto Rican | (6) White, Caucasian |
| (3) Asian, Pacific Islander | (7) Other ethnicity; not falling into other groups |
| (4) American Indian, Eskimo | |

ADMINISTRATION OCCUPATIONAL CATEGORY	(1) Black		(2) Hispanic		(3) Asian		(4) American Indian		(5) Filipino		(6) White		(7) Other Ethnicity	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Management & Financial	2	0	10	4	3	1	0	0	1	0	50	10	1	0
Professional	1	0		0	1	0	0	0	0	1	1	2		
A&E, Science, Computer														
Technical														
Sales	1	0	58	3	2	0	0	0	1	1	70	4	1	1
Administrative Support	0	1	11	46	1	2	1	0	1	4	7			2
Services	0		7								4	30		
Crafts	7		94	1	2		3		2		61		4	
Operative Workers											7	5		
Transportation														
Laborers*	1		46	1	2		1		1		14		1	

*Construction laborers and other field employees are not to be included on this page

Totals Each Column	12	1	227	55	11	3	5	0	6	6	214	51	7	3
--------------------	----	---	-----	----	----	---	---	---	---	---	-----	----	---	---

Grand Total All Employees	601
---------------------------	-----

Indicate by Gender and Ethnicity the Number of Above Employees Who Are Disabled:

Disabled														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Non-Profit Organizations Only:

Board of Directors														
Volunteers														
Artists														

NAME OF FIRM: LOS ANGELES TRUCK CENTERS, LLC DATE: 4-10-15

OFFICE(S) or BRANCH(ES): LA / FONTANA / SAN DIEGO / CARSON / OXNARD COUNTY: LOS ANGELES

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) Black, African-American
- (2) Hispanic
- (3) Asian
- (4) American Indian
- (5) Filipino
- (6) White, Caucasian
- (7) Other ethnicity; not falling into other groups

TRADE OCCUPATIONAL CATEGORY	(1) Black		(2) Hispanic		(3) Asian		(4) American Indian		(5) Filipino		(6) White		(7) Other Ethnicity	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Brick, Block or Stone Masons														
Carpenters														
Carpet, Floor & Tile Installers Finishers														
Cement Masons, Concrete Finishers														
Construction Laborers														
Drywall Installers, Ceiling Tile Inst														
Electricians														
Elevator Installers														
First-Line Supervisors/Managers														
Glaziers														
Helpers; Construction Trade														
Millwrights														
Misc. Const. Equipment Operators														
Painters, Const. & Maintenance														
Pipelayers, Plumbers, Pipe & Steam Fitters														
Plasterers & Stucco Masons														
Roofers														
Security Guards & Surveillance Officers														
Sheet Metal Workers														
Structural Metal Fabricators & Fitters														
Welding, Soldering & Brazing Workers														
Workers, Extractive Crafts, Miners														
Totals Each Column														
Grand Total All Employees	0													
Indicate By Gender and Ethnicity the Number of Above Employees Who Are Disabled:														



CITY OF SAN DIEGO WORK FORCE REPORT

HISTORY

The Work Force Report (WFR) is the document that allows the City of San Diego to analyze the work forces of all firms wishing to do business with the City. We are able to compare the firm's work force data to County Labor Force Availability (CLFA) data derived from the United States Census. CLFA data is a compilation of lists of occupations and includes the percentage of each ethnicity we track (Black, Hispanic, Asian, American Indian, Filipino) for each occupation. Currently, our CLFA data is taken from the 2010 Census. In order to compare one contractor to another, it is important that the data we receive from the Contractor firm is accurate and organized in the manner that allows for this fair comparison.

WORK FORCE & BRANCH WORK FORCE REPORTS

When submitting a WFR, especially if the WFR is for a specific project or activity, we would like to have information about the firm's work force that is actually participating in the project or activity. That is, if the project is in San Diego and the work force is from San Diego, we want a San Diego County Work Force Report.¹ By the same token, if the project is in San Diego, but the work force is from another county, such as Orange or Riverside County, we want a Work Force Report from that county.² If participation in a San Diego project is by work forces from San Diego County and, for example, from Los Angeles County and from

Sacramento County, we ask for separate Work Force Reports representing your firm from each of the three counties.

MANAGING OFFICE WORK FORCE

Equal Opportunity Contracting may occasionally ask for a Managing Office Work Force (MOWF) Report. This may occur in an instance where the firm involved is a large national or international firm but the San Diego or other local work force is very small. In this case, we may ask for both a local and a MOWF Report.^{1,3} In another case, when work is done only by the Managing Office, only the MOWF Report may be necessary.³

TYPES OF WORK FORCE REPORTS:

Please note, throughout the preceding text of this page, the superscript numbers one ¹, two ² & three ³. These numbers coincide with the types of work force report required in the example. See below:

- ¹ One San Diego County (or Most Local County) Work Force – Mandatory in most cases
- ² Branch Work Force *
- ³ Managing Office Work Force

**Submit a separate Work Force Report for all participating branches. Combine WFRs if more than one branch per county.*

Exhibit A: Work Force Report Job categories-Administration

Refer to this table when completing your firm's Work Force Report form(s).

Management & Financial

Advertising, Marketing, Promotions, Public Relations, and Sales Managers
--

Business Operations Specialists

Financial Specialists

Operations Specialties Managers

Other Management Occupations

Top Executives

Professional

Art and Design Workers

Counselors, Social Workers, and Other Community and Social Service Specialists
--

Entertainers and Performers, Sports and Related Workers

ATTACHMENT

Health Diagnosing and Treating Practitioners
Lawyers, Judges, and Related Workers
Librarians, Curators, and Archivists
Life Scientists
Media and Communication Workers
Other Teachers and Instructors
Postsecondary Teachers
Primary, Secondary, and Special Education School Teachers
Religious Workers
Social Scientists and Related Workers

Architecture & Engineering, Science, Computer

Architects, Surveyors, and Cartographers
Computer Specialists
Engineers
Mathematical Science Occupations
Physical Scientists

Technical

Drafters, Engineering, and Mapping Technicians
Health Technologists and Technicians
Life, Physical, and Social Science Technicians
Media and Communication Equipment Workers

Sales

Other Sales and Related Workers
Retail Sales Workers
Sales Representatives, Services
Sales Representatives, Wholesale and Manufacturing
Supervisors, Sales Workers

Administrative Support

Financial Clerks
Information and Record Clerks
Legal Support Workers
Material Recording, Scheduling, Dispatching, and Distributing Workers
Other Education, Training, and Library Occupations
Other Office and Administrative Support Workers
Secretaries and Administrative Assistants
Supervisors, Office and Administrative Support Workers

Services

Building Cleaning and Pest Control Workers
Cooks and Food Preparation Workers
Entertainment Attendants and Related Workers
Fire Fighting and Prevention Workers
First-Line Supervisors/Managers, Protective Service Workers
Food and Beverage Serving Workers

Funeral Service Workers
Law Enforcement Workers
Nursing, Psychiatric, and Home Health Aides
Occupational and Physical Therapist Assistants and Aides
Other Food Preparation and Serving Related Workers
Other Healthcare Support Occupations
Other Personal Care and Service Workers
Other Protective Service Workers
Personal Appearance Workers
Supervisors, Food Preparation and Serving Workers
Supervisors, Personal Care and Service Workers
Transportation, Tourism, and Lodging Attendants

Crafts

Construction Trades Workers
Electrical and Electronic Equipment Mechanics, Installers, and Repairers
Extraction Workers
Material Moving Workers
Other Construction and Related Workers
Other Installation, Maintenance, and Repair Occupations
Plant and System Operators
Supervisors of Installation, Maintenance, and Repair Workers
Supervisors, Construction and Extraction Workers
Vehicle and Mobile Equipment Mechanics, Installers, and Repairers
Woodworkers

Operative Workers

Assemblers and Fabricators
Communications Equipment Operators
Food Processing Workers
Metal Workers and Plastic Workers
Motor Vehicle Operators
Other Production Occupations
Printing Workers
Supervisors, Production Workers
Textile, Apparel, and Furnishings Workers

Transportation

Air Transportation Workers
Other Transportation Workers
Rail Transportation Workers
Supervisors, Transportation and Material Moving Workers
Water Transportation Workers

Laborers

Agricultural Workers
Animal Care and Service Workers
Fishing and Hunting Workers
Forest, Conservation, and Logging Workers
Grounds Maintenance Workers
Helpers, Construction Trades
Supervisors, Building and Grounds Cleaning and Maintenance Workers
Supervisors, Farming, Fishing, and Forestry Workers

Exhibit B: Work Force Report Job categories-Trade**Brick, Block or Stone Masons**

Brickmasons and Blockmasons
Stonemasons

Pipelayers, Plumbers, Pipefitters and Steamfitters
Roofers
All other Construction Trades

Carpenters**Carpet, floor and Tile Installers and Finishers**

Carpet Installers
Floor Layers, except Carpet, Wood and Hard Tiles
Floor Sanders and Finishers
Tile and Marble Setters

Cement Masons, Concrete Finishers

Cement Masons and Concrete Finishers
Terrazzo Workers and Finishers

Construction Laborers**Drywall Installers, Ceiling Tile Inst**

Drywall and Ceiling Tile Installers
Tapers

Electricians**Elevator Installers and Repairers****First-Line Supervisors/Managers**

First-line Supervisors/Managers of Construction Trades and Extraction Workers

Glaziers**Helpers, Construction Trade**

Brickmasons, Blockmasons, and Tile and Marble Setters
Carpenters
Electricians
Painters, Paperhangers, Plasterers and Stucco

Millwrights

Heating, Air Conditioning and Refrigeration Mechanics and Installers
Mechanical Door Repairers
Control and Valve Installers and Repairers
Other Installation, Maintenance and Repair Occupations

Misc. Const. Equipment Operators

Paving, Surfacing and Tamping Equipment Operators
Pile-Driver Operators
Operating Engineers and Other Construction Equipment Operators

Painters, Const. Maintenance

Painters, Construction and Maintenance
Paperhangers

Pipelayers and Plumbers

Pipelayers
Plumbers, Pipefitters and Steamfitters

Plasterers and Stucco Masons

Roofers

Security Guards & Surveillance Officers

Sheet Metal Workers

Structural Iron and Steel Workers

Welding, Soldering and Brazing Workers

Welders, Cutter, Solderers and Brazers
Welding, Soldering and Brazing Machine Setter, Operators and Tenders

Workers, Extractive Crafts, Miners

**EQUAL BENEFITS ORDINANCE
CERTIFICATION OF COMPLIANCE**



For additional information, contact:
CITY OF SAN DIEGO
EQUAL BENEFITS PROGRAM
202 C Street, MS 9A, San Diego, CA 92101
Phone (619) 533-3948 Fax (619) 533-3220

COMPANY INFORMATION

Company Name: LOS ANGELES TRUCK CENTERS, LLC	Contact Name: RON CREIGHTON
Company Address: 13800 VALLEY BLVD. FONTANA, CA. 92335	Contact Phone: 909-510-4406
	Contact Email: rcreighton@lafreightliner.com

CONTRACT INFORMATION

Contract Title: REAR LOADING REFUSE PACKERS	Start Date:
Contract Number (if no number, state location): 10054780-15-R	End Date:

SUMMARY OF EQUAL BENEFITS ORDINANCE REQUIREMENTS

The Equal Benefits Ordinance [EBO] requires the City to enter into contracts only with contractors who certify they will provide and maintain equal benefits as defined in San Diego Municipal Code §22.4302 for the duration of the contract. To comply:

- Contractor shall offer equal benefits to employees with spouses and employees with domestic partners.
 - Benefits include health, dental, vision insurance; pension/401(k) plans; bereavement, family, parental leave; discounts, child care; travel/relocation expenses; employee assistance programs; credit union membership; or any other benefit.
 - Any benefit not offered to an employee with a spouse, is not required to be offered to an employee with a domestic partner.
- Contractor shall post notice of firm's equal benefits policy in the workplace and notify employees at time of hire and during open enrollment periods.
- Contractor shall allow City access to records, when requested, to confirm compliance with EBO requirements.
- Contractor shall submit *EBO Certification of Compliance*, signed under penalty of perjury, prior to award of contract.

NOTE: This summary is provided for convenience. Full text of the EBO and its Rules are posted at www.sandiego.gov/administration.

CONTRACTOR EQUAL BENEFITS ORDINANCE CERTIFICATION

Please indicate your firm's compliance status with the EBO. The City may request supporting documentation.

- I affirm compliance with the EBO because my firm (*contractor must select one reason*):
- Provides equal benefits to spouses and domestic partners.
 - Provides no benefits to spouses or domestic partners.
 - Has no employees.
 - Has collective bargaining agreement(s) in place prior to January 1, 2011, that has not been renewed or expired.

- I request the City's approval to pay affected employees a cash equivalent in lieu of equal benefits and verify my firm made a reasonable effort but is not able to provide equal benefits upon contract award. I agree to notify employees of the availability of a cash equivalent for benefits available to spouses but not domestic partners and to continue to make every reasonable effort to extend all available benefits to domestic partners.

It is unlawful for any contractor to knowingly submit any false information to the City regarding equal benefits or cash equivalent associated with the execution, award, amendment, or administration of any contract. [San Diego Municipal Code §22.4307(a)]

Under penalty of perjury under laws of the State of California, I certify the above information is true and correct. I further certify that my firm understands the requirements of the Equal Benefits Ordinance and will provide and maintain equal benefits for the duration of the contract or pay a cash equivalent if authorized by the City.

RON CREIGHTON

4-10-15

Name/Title of Signatory

Signature

Date

FOR OFFICIAL CITY USE ONLY

Receipt Date: EBO Analyst: Approved Not Approved – Reason:

ATTACHMENT "A"

I. SPECIFICATIONS CHECKLIST FOR ALL REFUSE PACKERS

It is the intent of these specifications to describe a high quality and high performing truck cab and chassis complete with body required for refuse collection. The refuse packer will be utilized for collection of residential refuse and greens waste including hard-to-collect (HTC) areas with narrow alleys and roadways with difficult turn-around or obstructions.

These refuse packers are expected to perform in ambient temperatures that may reach 110° F. The terms "high quality" and "high performing" shall be interpreted to mean that the equipment shall exceed the usual quality, operational capacity, or functionality of standard equipment and shall be able to withstand unusual strain, exposure, temperature, wear, and use. More detailed component specifications are outlined in Section II of this Attachment.

Completed unit shall conform to all requirements of the California Motor Vehicle Code. Code requirements shall include, but not be limited to the following:

- 1. Gross vehicle weight requirements.
- 2. Bridge formula weight requirements to support required payload.
- 3. Legal axle weight requirements.
- 4. Fender and Mudguard DMV requirements per Vehicle Code Section 27600

Meets Specifications or Exceptions: _____

- 1. The payload capacity for the trucks shall be 8.5 tons for both the 18 and 25CY rear loader packers.

Payload offered (Diesel): 18CY $\frac{8.99 \text{ TON}}{8.5 \text{ TON} - \text{ROOF MTD.}}$; 25CY $\frac{9.25}{8.78 - \text{ROOF MTD.}}$ (tons)

Payload offered (CNG): 18CY $\frac{8.86 \text{ TON} - \text{BACK OF CAB}}$; 25CY $\frac{9.72 - \text{BACK OF CAB}}$ (tons)

A. GROSS VEHICLE WEIGHT RATING (GVWR)

GVWR shall be a minimum of 37,000 pounds for the single axle (S/A) 18CY packer configuration (with pusher) and 60,000 pounds for the tandem axle (T/A) 25CY packer.

GVWR Offered: 18CY $\frac{55,010 \text{ LBS.}}$; 25CY $\frac{60,000 \text{ LBS.}}$

Meets Specifications or Exceptions: _____

B. ENGINE AND EQUIPMENT

The diesel fueled engine shall be turbo charged, four (4) cycle, and wet sleeve design. The engine shall be the Cummins ISL 345. Torque rise shall be a minimum of 22%.

Engine Manufacturer: CUMMINS

Model/Horsepower Offered: ISL / 345 HP at 2200 RPM

Gross Torque Offered: 1150 FT-LBS at 1400 RPM

Torque Rise Offered: 18 %
(PEAK TORQUE) - (TORQUE @ RATED RPM)

Meets Specifications or Exceptions: TORQUE RISE = / TORQUE @ RATED RPM

The CNG fueled engine shall be the CUMMINS WESTPORT turbo charged, four (4) cycle ISL G320. The engine shall be rated at a minimum S.A.E gross horsepower of 323 at 2,000 RPM and S.A.E gross torque of 1,000 foot-lbs. at 1,300 RPM.

Engine Manufacturer: CUMMINS WESTPORT

Model/Horsepower Offered: ISL G / 320 HP at 2000 RPM

Gross Torque Offered: 1000 FT-LBS at 1300 RPM

Torque Rise Offered: 23 %

Meets Specifications or Exceptions: _____

Diesel and CNG Engine equipment shall include the following:

1. Oil filter, full flow spin-on type.
 Meets Specifications or Exceptions: _____
2. For Diesel Engine equipment only: Diesel Fuel Filter, spin on type.
 Meets Specifications or Exceptions: _____
3. For CNG Engine equipment only: CNG Filter shall be the Cummins 3607140 Fleetguard NGV NG5900 low-pressure filter.
 Meets Specifications or Exceptions: _____
4. Exhaust system vertical muffler and exhaust pipe with heat guard mounted on left side at rear of cab in compliance with Vehicle Code 27152. The entire exhaust system shall be approved by the engine Manufacturer, and shall meet all noise requirements set forth in the California Vehicle Code.

Meets Specifications or Exceptions: _____

5. Engine specified shall incorporate the maximum heavy-duty cooling system available from OEM.

Meets Specifications or Exceptions: _____

6. Cooling system specified shall be provided with extended life coolant.

Meets Specifications or Exceptions: _____

7. Engine shutdown shall be automatic and shall operate on high water temperature, low oil pressure, and low water level. Shutdown shall be Kysor or equal.

Manufacturer: CUMMINS

Meets Specifications or Exceptions: _____

8. Shall have heavy-duty replacement dry air cleaner and shall be matched to provide maximum engine air intake and minimum air restriction and shall be approved by the engine Manufacturer. All intake tubing/plumbing shall be corrosive and moisture resistant stainless steel, or equal. An air restriction indicator shall be located in cab.

Meets Specifications or Exceptions: _____

C. DIESEL FUEL TANK/CNG FUEL SYSTEM

The DIESEL fuel tank shall be of aluminum construction and a minimum of 70 U.S. gallons total capacity, mounted on left side of vehicle, and shall not interfere with the body installation.

Capacity Offered: 80 gals.

Meets Specifications or Exceptions: _____

The CNG fuel tank(s) shall be comprised of aluminum/carbon fiber type 3 tank(s) and shall have a total of 75 diesel gas equivalent (DGE) capacity. In order to keep the overall height as low as possible, the location of the tank shall be at the front of the packer body. The hydraulic oil tank reservoir will be located on the left hand frame rail. Fuel tank(s) shall be full at time of delivery. The complete fuel system shall be stainless steel with adequate capabilities suitable for 3,600-PSI service and flow requirements for both "slow" and "fast-fill" fueling station.

Capacity Offered: 75 DGEs

Meets Specifications or Exceptions: _____

The fill receptacle shall be a 3,600 PSI type NGV1. All high pressure tubing shall be stainless steel with a minimum 3/8" outside diameter with a wall thickness suitable for 3600 PSI service pressure and shall provide adequate flow for supplied CNG powered engine. There will be two (2) fuel fill locations as follows;

1. Slow fill receptacle to be located on the left hand rear of the packer body (not on tailgate) and ensure there is adequate ground clearance.
2. Fast fill receptacle to be located on the left hand side forward of the front rear axle (or pusher axel).

Meets Specifications or Exceptions: _____

The Fuel Management Module (FMM) shall be manufactured by Agility Fuel Systems or approved equal and shall incorporate the following components; 0 – 5,000 PSI gauge, 0 – 300 PSI gauge, 1/4 turn shut-off valve, lock-off solenoid, high pressure regulator (ITT Conoflow with an output pressure of 125 PSI), high pressure coalescing filter, fuel gauge pressure transducer, and high pressure fuel line bleed tee to allow safe venting of the fuel system for service function. The FMM shall be mounted on the left hand street side frame rail, protected by latchable door(s) with lock, also forward of the rear axle. A safety interlock system shall be incorporated into the fuel management door to prevent the vehicle from being started if the door is not securely latched in the closed position. This is to prevent accidental drive off with fueling hose connected.

FMM offered: AGILITY FUEL SYSTEMS - CCC FACTORY INSTALLED

Meets Specifications or Exceptions: _____

An auxiliary fuel gauge shall be mounted in the dash area of the driver view and this shall be driven by a pressure transducer located on the high-pressure side of the fuel system.

System shall have an "Amerex" methane detection system, model # AM GADS III Plus or equal, with two sensors, one in the cab and one in the engine compartment. The methane detection system shall be operational at all times.

Meets Specifications or Exceptions: _____

D. ENGINE COOLING

The cooling system shall be so designed that the circulating coolant water at the top of the radiator will not rise above Manufacturers suggested operating temperature when operating under maximum load, speed or grade, regardless of ambient temperature. The cooling system shall be equipped with a thermostat to maintain proper temperature of the coolant when operated continuously over twelve (12) hour work cycle, under load, road speed, or grade, regardless of outside ambient temperature.

Cooling system size (square inch) offered: 1814 SQUARE INCHES REMOTE MOUNTED

Meets Specifications or Exceptions: _____

E. POWER STEERING

Power steering shall be provided. Steering effort shall not exceed 150 inch-pounds measured at the steering column with a fully loaded front axle, rated tire pressure, on dry brushed concrete and at a rate of one (1) turn per second. Single gear type shall be provided.

Steering Effort Offered: NOT TESTED TO THAT SPECIFICATION

Meets Specifications or Exceptions: STEERING EFFORT IS THE SAME AS YOUR CURRENT CRANE CARRIER CORP. TRUCKS IN YOUR FLEET.

F. STEERING WHEEL CLEARANCE

Driver steering wheel shall have a minimum of 4" clearance around the outer radius of wheel to prevent interference with cab equipment, including but not limited to boarding handles and steering wheel.

Driver Steering Wheel Clearance Offered: 5.5" EXCEEDS

Meets Specifications or Exceptions: _____

G. TURNING DIAMETER

Operating conditions of the equipment specified, including but not limited to cul-de-sacs, narrow streets, steep grades, and other confining parameters shall dictate the maximum maneuverability that shall be provided. Maneuverability will be an important factor in the selection process with preference given to those vehicles with the highest degree of maneuverability as measured by turning diameter.

The single axle 18CY unit specified shall have a maximum turning diameter of 60 FT. This dimension shall be the "wall to wall" diameter as measured from the corner of the front bumper, tracing a 360° circle.

Maximum Turning Diameter Offered (18CY): DIESEL - 32.8 FT. NG - 36.3 FT. + OR - 5% WALL TO WALL

Meets Specifications or Exceptions: AT 360 DEGREES - DIESEL 65.6 FT. NG 72.6 FT.

The tandem axle 25CY unit specified shall have a maximum turning diameter of 71 FT. This dimension shall be the "wall to wall" diameter as measured from the corner of the front bumper, tracing a 360° circle.

Maximum Turning Diameter Offered (25CY): DIESEL - 38.0 FT. NG - 41.5 FT. + OR - 5% WALL TO WALL

Meets Specifications or Exceptions: AT 360 DEGREES - DIESEL 76.0 FT NG 83.0 FT.

H. FRONT SUSPENSION

The front suspension for both the 18CY and 25CY capacity packer trucks shall be taper leaf/parabolic design. Spring capacity shall be rated 20,000 pound minimum. Shock absorbers shall be provided.

Meets Specifications or Exceptions: _____

I. CHASSIS CONSTRUCTION

The frame shall be constructed of steel having a yield strength of not less than 100,000 pounds per square inch. The basic frame shall have a channel cross section. The frame shall have a minimum R.B.M. of 1,969,000 inch-pounds per rail. If reinforcement is required to obtain this R.B.M., the reinforcement cross-section shall be an inverted "L" or full channel. Fish plating is not acceptable.

120,000 PSI; SM: 18.61; RBM: 2,233,200 PER RAIL W/O CHANNEL REINFORCEMENT

Meets Specifications or Exceptions: _____

J. BRAKE EQUIPMENT

1. Service Brakes

Shall be full air brakes of the "S-CAM" design with automatic slack adjusters, Bendix ASA-5, or equal, Antilock (ABS) with full traction control. The system shall include an air compressor rated at 12 CFM minimum and plumbed to the clean side of the air intake system. Bendix System Guard AD-9 or equal air dryer shall be installed ahead of the first air tank. Air tank drains shall be remote mounted with manual petcocks to a central manifold for easy access behind left front tire area and have the ability to drain each tank individually. Air lines shall be color-coded continuously throughout each individual circuit, and color-coding shall be visible with 6" of each connection of tie-down clamp. All rubber hoses shall be free of paint. All flex air lines to brake chambers shall be wire-braded. Brakes shall be "Extended Service" maximum size offered OEM, minimum 16-1/2 x 7" front and 16-1/2 x 8-5/8" rear.

The air compressor shall be plumbed to the clean side of the air intake system. Brake pedal shall be conveniently located at both operator locations for easy access and driver comfort. If the steering column is located in the drivers foot well, and only one (1) brake pedal is offered, it shall be on the left side (street) of the steering column. If steering column is not located in driver foot well, Bidders shall submit specifications identifying the location of the steering column as well as operator clearances with their Bid.

Brake Manufacturer: BENDIX Model: S-CAM EXTENDED SERVICE

Air Dryer Manufacturer: BENDIX Model: AD-9EP HEATED

Meets Specifications or Exceptions: *NOTE: STRG COLUMN LEFT SIDE

2. Parking Brakes

The spring set parking brakes shall be automatically actuated in the event of failure in either the main or protected air system. Parking brakes shall be provided on both axles of the tandems. The parking brake must hold fully loaded truck without any movement headed up or down hill at a 24° slope.

Meets Specifications or Exceptions: _____

K. FRONT BUMPER

An adequate front bumper with recessed steps to allow cleaning of windshield shall be provided. A tow device or tow hooks adequate for pulling stuck trucks out of landfill fully loaded without damaging any part of the cab or chassis shall be installed.

Meets Specifications or Exceptions: _____

L. ELECTRICAL

1. General

The electrical system shall be 12 volt - negative ground.

2. Batteries

Shall provide battery group, maintenance-free, rated at a minimum of 2,400 C.C.A. at 0° Fahrenheit total. The batteries shall be mounted in a location that is easily accessible for service and replacement located on left side of vehicle and shall not interfere with body installations. A battery disconnect switch shall be provided.

Meets Specifications or Exceptions: _____

3. Alternator

Shall be rated a minimum capacity of 135 amps.

Meets Specifications or Exceptions: *NOTE: 160 AMP _____

4. Electrical Wiring

All electrical wiring shall be installed in a loom, be color-coded, or color-coded and number stamped, identical to all vehicles in production per purchase order and shall be properly secured to prevent damage by movement or vibration. All electrical connections shall be soldered; Scotch Loks and similar connectors are prohibited. Conductors shall be properly sized to minimize voltage drop. Grommets shall be provided where wire passes through frames or gussets.

Meets Specifications or Exceptions: _____

M. LIGHTING

Lighting provided shall include daytime running lights and LED tail, brake marker/clearance. Directional signals provided shall be amber. Additional turn signals shall be mounted on cab doors. The following additional lighting requirements shall be provided:

1. All lighting and reflectors shall meet or exceed FMVSS 108.

Meets Specifications or Exceptions: _____

2. For long life and ease of service, all clearance, tail stop lights, and back-up lights shall be plug-in type, grommet mounted, shock resistant, water-proof, with Lexan Lens. They shall be Truk-Lite, or an approved equal.

Manufacturer: TRUK-LITE OR EQUAL

Meets Specifications or Exceptions: _____

3. Two (2) wide-angle halogen working lights shall be attached to the body to illuminate the container during the container lift and dump cycle. Exact location of these lights shall be determined by City at the Pre-Production Meeting. Controls for lights shall be mounted in the cab.

Meets Specifications or Exceptions: _____

4. All wiring shall be enclosed in a loom and properly secured to prevent damage by movement or vibration. All electrical connections shall be soldered; Scotch Loks and similar connectors are prohibited. Reflectors provided shall be rivet secured type, adhesive style is unacceptable.

Meets Specifications or Exceptions: _____

5. All wiring shall be color coded and consistent with color codes of the cab and chassis wiring.

Meets Specifications or Exceptions: _____

N. REAR SUSPENSION

The rear suspension of the 18CY packer shall have a minimum rated capacity of 25,500 pounds, and include transverse torque rods. Suspension provided shall be Hendrickson Model or equal.

Capacity Offered: 26,000 LBS.

Manufacturer: REYCO Model: 102CC

Meets Specifications or Exceptions: _____

The rear suspension of the 25CY packer shall have a minimum rated capacity of 40,000 pounds, and include transverse torque rods. Suspension provided shall be Hendrickson Model HMX400 or equal.

Capacity Offered: 40,000 LBS.

Manufacturer: HENDRICKSON Model: HMX-400

Meets Specifications or Exceptions: _____

O. FRONT AXLE

The front axle provided shall be rated a minimum of 20,000 pounds for both the 18CY and 25CY capacity packer truck.

Rating Offered: 20,000 LBS.

Meets Specifications or Exceptions: _____

P. WHEELS

Front and rear wheels for both the 18CY and 25CY rear loading refuse packers shall be hub piloted. All wheels shall be Alcoa aluminum disc style, with drop center. The front wheel size shall be 22.5 x 9.0, ten (10) hole; 10,000 GVWR. The rear wheels shall be 22.5 x 9.0, ten (10) hole; 9,000 GVW each. All wheels shall be equipped with lug nut indicators.

Meets Specifications or Exceptions: _____

The 18CY rear loading refuse packer shall utilize a PUSHER AXLE. The wheels shall be Budd/Disc style with drop center. The wheel size shall be 17.5 x 6.75, eight (8) hole.

Meets Specifications or Exceptions: *NOTE: 10-HOLE

Q. TIRES

Each tire shall have a rating of 10,000 pounds minimum. The front and rear tires provided shall be 315/80R-22.5 (L), twenty (20) ply highway radial tread design.

Tire Rating Offered: 20 PLY FRONT & REAR

Meets Specifications or Exceptions: _____

Pusher axle tires provided shall be 235/70R x 17.5 (J), 16 ply highway radial tread design. Please specify tire manufacturer and tread design

Manufacturer/tread design offered: BRIDGESTONE / 235/70R17.5 (J) 16 PLY

Manufacturer/ tread design R184 *NOTE: BRIDGESTONE R184 RATED @ 6,005 LBS. EACH.

Meets Specifications or Exceptions: _____

R. CAB

The cab shall be equipped with an electric over hydraulic tilting mechanism for maintenance.

Meets Specifications or Exceptions: _____

S. AIR CONDITIONING

OEM integral air-conditioning shall be provided. Roof mounted units are unacceptable. The air conditioning provided shall maintain the cab temperature at 70° Fahrenheit when ambient temperature is 110° Fahrenheit. Factory installed, ceiling mounted air conditioning (evaporator only, condenser in front of radiator) air shall be diffused to upper torso of driver for maximum cooling. Fresh air heater and integral defroster shall be directed to both sides of cab and windshield. All cab glass shall be tinted in accordance with California Vehicle Code. Rear window shall be tinted to a No. 3 level.

Meets Specifications or Exceptions: _____

T. LUBRICATION

All grease zerk fittings shall be easily accessible from ground level. Remote grease zerks shall be provided as required. All lubrication fittings shall be accessible for servicing without the use of special adapters.

Meets Specifications or Exceptions: _____

U. INSTALLATION

The installation of the body on the cab and chassis shall be done in accordance with current industry practice. The body shall be centered laterally on the truck frame and there shall be no evidence of binding or interference. Special consideration shall be given to the following points; accessibility of the various units which require periodic maintenance operations, ease of operations, and symmetrical proportions.

Meets Specifications or Exceptions: _____

1. All welding is to be done by qualified welders. Welds exhibiting evidence or lack of penetration or lack of fusion will be cause for rejection of the delivered equipment. Weld slag shall be removed prior to application of primer paint.

1. Electrical wiring shall be properly secured to prevent damage by movement or vibration.

Meets Specifications or Exceptions: _____

2. Welding shall not be employed in the assembly of the compaction mechanism or packer body in a manner that will prevent the ready removal of any component part for service or repair.

Meets Specifications or Exceptions: _____

V. PAINT

The rear of the body shall be striped with 8" wide orange Chevron stripes at a 60° angle and 8" spacing with the "V" at the bottom. The orange stripes shall be Omaha orange, DuPont 311 or OEM equivalent. Bidder shall provide painted orange accent stripes on the cab. Location to be determined at the pre-production meeting and final approval by the City will be given prior to installation.

Stripe Brand Offered: DECAL 3M OMAHA ORANGE

Meets Specifications or Exceptions: _____

W. MOUNTING AND SAFETY REQUIREMENTS

The complete body shall comply with all applicable requirements of the California Vehicle Code, Cal-OSHA, D.O.T. and ANSI standards.

Meets Specifications or Exceptions: _____

X. DIGITAL MOBILE RADIO SYSTEM

1. General Description

The City is currently adopting the Motorola model APX 6500 mobile radio (or equivalent) as the replacement for the current XTL series. Bidders are to price for this latest model (or equivalent) with the provision that the City may request a change to a newer model, if upgrades in technology should result in a model change. The installation will be provided by the City, so the vendor should price for a kitted radio package. The kitted package should include the following optional items:

1. Palm Microphone
2. Astro Digital CAI Operation
3. 05 Control Head
4. Remote Mount Mid Power
5. APX Control Head Software
6. ¼ Wave Antenna
7. Auxilliary Speaker 7.5 Watt
8. Key Supplemental Data
9. P25 Trunking Software

- 10. Smartzone Operation APX6500
- 11. Over The Air Provisioning
- 12. Astro 25 Integrated Voice and Data

Manufacturer: MOTOROLA Model: APX6500 7/800 MHZ MID POWER

Meets Specifications or Exceptions: _____

2. DELETED

3. DELETED

Y. ON-BOARD SCALES/WEIGHT SYSTEM

Complete system shall be Trans-Data Model TD2965-L, or approved equal. Scale system shall be installed by the Contractor, operational and calibrated prior to acceptance of completed refuse packer by the City.

Manufacturer: TRANS DATA Model: TD2965-L

Meets Specifications or Exceptions: _____

1. General

The system installed shall consist of an in-cab monitor that receives signal voltages from each of the front and rear axles load beams; two (2) on the 18CY and three (3) on the 25CY axle configurations. Monitor installed shall have the capability of indicating the following weight readings:

- a. Front axle gross weight.
- b. Drive axle gross weight.
- c. Total vehicle gross weight.
- d. Location and mounting of monitor shall be approved by the City prior to installation.

Meets Specifications or Exceptions: _____

2. Load Beams

Load beams shall be constructed of grade 17-4 stainless steel with all gauging and wire connections potted and sealed to protect against corrosion and the elements. Load beams shall be capable of signaling both positive and negative load impositions.

Meets Specifications or Exceptions: _____

3. Meter

Read-out weight numerals shown on the meter shall be bright red LED's and clearly visible. Load beam connections to the meter shall be through an interface board with adjustable pots on each channel to permit the beam signals to be balanced under no load conditions. Meter shall be equipped with an adjustable overweight warning device.

Meets Specifications or Exceptions: _____

4. Mounting System

Load beam mounting shall not affect structural integrity of the axle. Mounting hardware shall be designed to eliminate any interface deflection between load beam and mounting member. Mounting shall permit sensor beam to track negative voltage loads indicating loss of original tare load.

Meets Specifications or Exceptions: _____

5. Power

Power supply shall be rated twelve (12) volts and supplied to the meter interface board by a fused three (3) wire shielded cable. Power shall be supplied and meter activated when truck ignition is on. All signal wires from the load beams to the meter shall be in shielded cable, and enclosed in a loom protective harness. All wiring shall be secured and follow standard chassis routing.

Meets Specifications or Exceptions: _____

Z. TOOL BOX

24" H x 18" W, 18" D, aluminum, single door tool box mounted on the left side of the truck. The tool box and door shall be water tight and capable of storing 10 pounds dry chemical fire extinguisher (upright), two (2) bags of sand (25 pounds) each, and an emergency triangle kit.

Meets Specifications or Exceptions: _____

AA. SIGN HOLDERS

Two (2) Roadway Displays sign holders shall be installed, one on each side of the body (Stock No. SS315955) secured with self tapping screws. Riveted installation will not be accepted. Frames shall be 2-1/4" x 95-1/2" x 31-1/2" outside diameter, satin anodized aluminum, tamper proof design, with stainless steel cam-over springs.

Meets Specifications or Exceptions: _____

BB. BROOM AND SHOVEL HOLDERS

Three (3) receptacles for accepting two (2) brooms (sweeper and push style) and one (1) shovel shall be provided similar to current design that is attached to the front of the packer body. The actual design shall be agreed upon subsequent to the award of the bid. AS SPECIFIED

II. SPECIFICATIONS CHECKLIST FOR DIESEL OR CNG FUELED 18 AND 25 CUBIC YARD (CY) CAPACITY REAR LOADING REFUSE PACKERS

A. GENERAL CAB AND CHASSIS SPECIFICATIONS

The cab and chassis provided shall be of cab over engine design and industry designated as "4 x 2" for the 18CY and "6 x 4" for the 25CY rear loading refuse packers. The cab shall be of aluminum or steel construction. Trucks that incorporate fiberglass panels that are not susceptible to sustaining vehicle fires may be considered. The cab and chassis provided shall be an OEM standard production model and shall not be built-up utilizing various Manufacturers' components.

Meets Specifications or Exceptions: _____

B. WHEELBASE

Wheelbase of the truck provided shall be the minimum possible to achieve maximum maneuverability. Maximum wheelbase acceptable for the 18CY rear loading refuse packer shall be 164 inches.

Wheelbase Offered: 164 INCHES

Meets Specifications or Exceptions: _____

Maximum wheelbase acceptable for the 25CY rear loading refuse packer shall be 196 inches.

Wheelbase Offered: 196 INCHES TO 200 INCHES

Meets Specifications or Exceptions: _____

C. CAB TO AXLE/TRUNNION

Cab to axle (CA) dimension as measured from the effective back of cab to centerline of rear axle for the 18CY rear loading refuse packer shall be in the range of 120 inches to 140 inches.

CA Dimension Offered: 140 INCHES MAXIMUM

Meets Specifications or Exceptions: _____

Cab to trunnion (CT) dimension as measured from the effective back of cab to centerline of rear trunnion for the 25CY rear loading refuse packer shall be in the range of 162 inches.

CT Dimension Offered: 176 INCHES - RECOMMENDED BY BODY COMPANY

Meets Specifications or Exceptions: _____

D. TRANSMISSION

The transmission shall be a six (6) speed automatic and incorporate a direct mounted oil cooler, electronically controlled and include an oil level sensor system, and be Allison HD4500 RDS, or equal. Transmission shall include Allison AK86 package which automatically shifts into neutral when service brakes are applied. A transmission shift lever control shall be provided (touch pad controls are not acceptable). Torque converter shall be Allison Model TC-521, or approved equal. The automatic transmission shall be matched with engine to provide maximum power and efficiency. Both the torque converter and transmission shall have a rated capacity equal to or exceeding the maximum power output of the engine furnished.

Transmission Manufacturer: ALLISON

Model: 4500 RDS

Torque Converter Manufacturer: ALLISON

Model: TC-521

Meets Specifications or Exceptions: _____

E. REAR AXLE

The rear axle of the 18CY rear loading packer truck shall be a minimum rated capacity of 23,000 pounds. Rear axle ratio shall be 6.17 to 1.00 as required to provide a minimum 20% gradeability fully loaded and at governed engine speed.

Manufacturer: DANA SPICER Model: S23-190

R/A Ratio: 6.17 Capacity Offered: 23,000 LBS

Meets Specifications or Exceptions: _____

The 18CY rear loader shall also incorporate a PUSHER AXLE. The axle shall be a bent tube design located 46 to 48 inches (measured from centerline of rear axle to centerline of pusher axle) forward of the rear axle.

Meets Specifications or Exceptions: _____

The pusher axle shall be air actuated via dash mounted controls and shall automatically apply sufficient down pressure to compensate for overloading of the rear drive axle. A pressure relief valve shall be provided to regulate maximum down pressure. The pressure relief valve shall be set to ensure the pusher axle down pressure does not unload the drive axle.

Meets Specifications or Exceptions: _____

Axle shall include: 10 stud, ball seat type hubs, 16.5" x 7" brakes with automatic slack adjusters and provide 71.5 inch tracking

Meets Specifications or Exceptions: _____

Suspension shall be adjustable air-lift type utilizing restraint straps. Ground clearance with rated tires and fully retracted shall not be less than 10 inches.

Meets Specifications or Exceptions: _____

The rear axle of the 25CY rear loading packer truck shall be Dana Spicer model number DSH44, or equal, and a minimum rated capacity of 40,000 pounds. Rear axle ratio shall be approximately 5.57 to 1.00 or as required to provide grade ability of 34.4% at four (4) MPH and a road speed of fifty-five (55) MPH at governed RPM. Rear axle rear ratio shall be compatible with maximum highway speed and transmission in sixth gear mode. The rear axle interlock shall be equipped with an audible interlock alarm in the cab. The alarm shall engage when the interlock is in the on position.

Manufacturer: DANA SPICER Model: DS405P

R/A Ratio: 5.57 Capacity Offered: 40,000 LBS.

Meets Specifications or Exceptions: *NOTE: FOR DSH44P 44,000 LBS. REAR AXLE ADD \$1,478.00 TO PRICE

F. CAB AND EQUIPMENT

1. Cab

Cab provided shall facilitate the multiple functions that this truck is scheduled to perform. The cab shall be left hand drive, low cab forward tilt design. The height of the cab floor above ground level for both the left and right side of the cab shall not exceed 18" with the refuse body empty. The cab shall be of steel or aluminum construction, not to exceed twenty (20%) percent of materials. Operational controls are required on the left-side driver position only. The cab provided shall be capable of being tilted a minimum of 60° (to facilitate engine maintenance).

Meets Specifications or Ride height offered: 18 inches.

2. Seats

Both seats provided shall be air suspension type with isolator and shoulder type seat belt. The Komfort Latch® seat belt tension relief system shall be provided on both left and right seats.

Meets Specifications or Exceptions: _____

3. Doors

Doors are required on both sides of the cab.

Meets Specifications or Exceptions: _____

4. Visibility

Cab design shall not impair operator's vision from any driver position.

Meets Specifications or Exceptions: _____

5. Other Cab Equipment

Gauges and Instruments:

The truck shall be equipped with speedometer, hour meter, odometer, tachometer, oil pressure gauge, dual air pressure gauges, water temperature gauge, fuel gauge, voltmeter, low air pressure warning buzzer, and air cleaner restriction gauge with restriction indicator in cab. Gauges shall be analog type. An air horn and an electric horn shall be provided.

Meets Specifications or Exceptions: _____

6. Mirrors

The truck shall be equipped West Coast type mirrors outside right and left, minimum size of 6" x 15," and equipped with parabolic spot mirrors to enable driver to see down both sides of vehicle. A convex bubble type mirror, 8" mounted via stainless steel mounting bracket shall be mounted above the left windshield. This mirror shall enable the driver to view across the front of the truck. Proposed mirror installations shall be approved by the City prior to attachment. Both street and curbside mirrors shall be electric and remotely adjustable from the operator's seat.

Mirror Manufacturer: LUCERIX 19"x8" HEATED, POWERED W/ TURN SIGNAL/OPTION D
4 WAY MOTORIZED, EXTERNAL TURN SIGNAL ON OUTER SIDE W/

Meets Specifications or Exceptions: _____
BLACK PLASTIC MOUNTING

7. Handles

The truck shall be equipped with exterior and interior cab entry assist handles.

Meets Specifications or Exceptions: _____

8. Radio Equipment

AM/FM Radio, CSS-6000E, or equal, shall be provided. Antenna shall be mounted street side. Two (2) heavy-duty speakers matched to system shall be provided and mounted in the top rear section of cab utilizing theft proof bolts.

Radio Manufacturer: CUSTOM RADIO CORP. Model: AM/FM STEREO WITH 2 SPEAKERS

Meets Specifications or Exceptions: _____

9. Steering Column

Steering column tilt and telescoping features are required.

Bidder Offers steering column tilt and telescoping features (check one):

Yes No

G. GENERAL PACKER BODY SPECIFICATIONS

It is the intent of these specifications to describe the minimum requirements of a complete rear loading refuse body. Body design shall eliminate leakage to permit collection in wet/dry applications. The body shall be capable of packing the maximum legal load. The City will consider only those Bidders who can demonstrate proven history of like units have been manufactured, performing similar tasks in service for no less than two (2) years. Name of references and contact personnel shall be supplied with bid.

Meets Specifications or Exceptions: _____

H. BODY

1. Capacity

Both the 18CY and 25CY body capacities will be offered. The capacities offered shall be exclusive of the hopper capacity.

18CY Capacity Offered: 18 CUBIC YARD 25CY Capacity Offered: 25 CUBIC YARD

Meets Specifications or Exceptions: _____

2. Dimensions

a. Length

The 18CY body shall have an overall length in the range of 220"

The 25CY body shall have an overall length in the range of 270".

Overall Length Offered: 18CY 228" 25CY 276"

Meets Specifications or Exceptions: _____

b. Height

The body shall have an overall height in the range of 97".

Overall Height Offered: 94"

Meets Specifications or Exceptions: _____

c. Width

The body shall have a maximum overall width of 96".

Overall Width Offered: 96"

Meets Specifications or Exceptions: _____

I. BODY CONSTRUCTION

1. Body shell

Body floor shall be 10 gauge ASTM A-607 grade 50 steel minimum. Body roof shall be 12 gauge ASTM A-607 grade 50 steel minimum. Body sides shall be 11 gauge ASTM A-607 grade 50 steel minimum.

Meets Specifications or Exceptions: _____

2. The body shall incorporate a design to collect fluids preventing any leakage.

Meets Specifications or Exceptions: _____

3. The vertical side channels shall interconnect with the roof channels to form a (external body ribbing) must be vertical and spaced closer together where body compaction pressures are highest (e.g., rear to front).

Meets Specifications or Exceptions: _____

4. Body shall be adequately braced at all points to withstand repeated maximum packing pressures without distortion.

Meets Specifications or Exceptions: _____

5. Rectangular tubing body frames, front and rear, shall be provided to ensure body shape is retained during normal operation.

Meets Specifications or Exceptions: _____

6. A side access door shall be located at the left front corner of the body, at floor level. Door shall be not less than 30" x 30" and shall swing outward right to left on a single continuous piano style hinge. Door is to incorporate both slide bolt and safety pin locking mechanism to securely keep door in "open" position.

Meets Specifications or Exceptions: _____

7. Body floor shall be a flat (smooth) design.

Meets Specifications or Exceptions: _____

8. Mud flaps shall be provided at both rear axles. Rubber fender extensions on the body at both rear axles shall be provided to prevent the wide tires from splashing on the tailboard rider, the body, and hydraulic cylinders.

Meets Specifications or Exceptions: _____

J. HOPPER CONSTRUCTION (18 AND 25 CY REAR LOADERS)

1. Size

The hopper opening shall be a minimum of 80"W x 56"H.

Size Offered: 78" Width x 62" Height (inches)

Meets Specifications or Exceptions: _____

2. Capacity

Minimum acceptable hopper capacity is 2.8 cubic yards.

Capacity Offered: 2.8 CUBIC YARDS (cubic yards)

Meets Specifications or Exceptions: _____

3. Side Sheets

The hopper lower side sheets shall be 3/16", 100,000 PSI yield strength steel.

Meets Specifications or Exceptions: _____

4. Hopper Floor

Hopper floor shall be a minimum 1/4", 100,000 PSI yield strength steel. Steel utilized shall have a minimum Brinell Hardness of 265 BHN.

Meets Specifications or Exceptions: _____

5. Hopper Sill

Hopper sill shall be a boxed section of 6" x 5" x 5/16" with an 80" length.

Meets Specifications or Exceptions: _____

6. Cycle Time

Total packing blade cycle time shall not exceed thirty-two (32) seconds.

Meets Specifications or Exceptions: _____

7. Hopper Bottom

Hopper bottom shall incorporate a minimum of three (3) external longitudinal flat bar reinforcing members. Each bar shall be a minimum 2" thick and 4" wide.

Meets Specifications or Exceptions: _____

K. TAILGATE

1. The tailgate shall be top-hinged to the body at the roof line utilizing cast steel hinges. It is to be raised for load ejection by two (2), 4" bore, single acting cylinders mounted on the outside of the tailgate. Cylinders shall contain a restricting mechanism to prevent rapid descent of the tailgate and be manufactured with a nitro carburization process versus chrome plating for added durability.

Meets Specifications or Exceptions: 3.5" CYLINDERS. MEETS CAPACITY TO LIFT TAILGATE ASSEMBLY.

2. The tailgate shall be held in the closed position by two (2), one (1)-piece drop forged screw clamps, one (1) on each side of the tailgate. Clamps are to be equipped with a fast spin handle and grease zerck fitting.

Meets Specifications or Exceptions: _____

3. An extruded rubber gasket shall be affixed to the tailgate. The tailgate gasket shall be easily replaceable to provide a watertight seal between the body and tailgate. Sealing shall be effective up to a minimum of 31".

Meets Specifications or Exceptions: _____

4. A rubber gasket or "flap" shall be affixed to the top portion of the rear body-to-tailgate interface to mitigate the contents inside the body to leak or flow through the existing gap in the current design.

Meets Specifications or Exceptions: _____

5. Tailgate side installation shall seal 42" minimum.

Meets Specifications or Exceptions: _____

6. Riding steps shall be provided on each side of the tailgate. Vertical and horizontal grab handles, capable of withstanding 500 pound pull shall be located in a convenient place for rider safety. Rear of tailgate should have two (2) hold handles for each tailboard rider. One (1) should be vertical chest level on the outside of body and the other horizontal above hopper slightly higher than rider's head. The City will provide a drawing and pictures of the vertical handle design at the time of production so as to maintain commonality with current design. All rear hold handles and rear steps will have non-skid installed. The steps shall consist of a self-cleaning, slip resistant surface, grip-strut open grate material which shall comply with ANSI Z2445.1 standards. Steps are to be a minimum dimension of 12" wide x 24" long with 10" extending beyond hopper. Warning signs shall be posted above the riding steps to prohibit their use when traveling at speeds above ten (10) miles per hour or when backing.

Meets Specifications or Exceptions: _____

7. The tailgate shall be equipped with a "tailgate ajar" switch with an indicator light in the cab. The purpose of this light is to indicate to the driver that the tailgate is not completely closed. The "tailgate ajar" switch with light shall comply with ANSI safety standards.

Meets Specifications or Exceptions: _____

8. Tailgate top sheets shall be secured by bolt down or screw down type fasteners.

Meets Specifications or Exceptions: _____

9. The loading height of the hopper shall not exceed 37" above ground level.

Meets Specifications or Exceptions: _____

10. Warning buzzer system. Waterproof electrical push buttons shall be 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. The push buttons will be located safe and convenient to person on rear step. Tailboard safety swamp buzzer should be approximately chest high and 2" minimum in diameter. Access shall be unblocked by obstructions.

Meets Specifications or Exceptions: *NOTE COLE HERSEE PUSH BUTTON, NOT 2"

L. PACKING SYSTEM

1. The packer face plate face shall be 1/4", 80,000 PSI yield strength steel, minimum.
 Meets Specifications or Exceptions: _____
2. The carrier plate face shall be 3/16", 50,000 PSI yield strength steel, minimum.
 Meets Specifications or Exceptions: _____
3. Minimum two (2) double acting, single stage 5" bore packer plate cylinders shall be provided.
 Meets Specifications or Exceptions: _____
4. Minimum two (2) double acting, single stage 5" bore carrier plate cylinders shall be provided.
 Meets Specifications or Exceptions: _____
5. The packer and carrier plate cylinders shall be mounted inside the tailgate and all four (4) cylinders must be interchangeable with each other.
 Meets Specifications or Exceptions: NOT INTERCHANGEABLE _____
6. The packing plate shall compact material into the body against the ejector panel. "Pre-crushing" of material in the hopper is periodically required.
 Meets Specifications or Exceptions: _____
7. The packing plate shall be protected from overload by an independent packer circuit relief valve located at the operating valve.
 Meets Specifications or Exceptions: _____
8. The upper carrier plate shall utilize rollers versus slides for easy movement. Rollers shall be 5" diameter manufactured from forged 4,150 steel induction hardened to 57-60 "Rockwell C" and have zerk fittings accessible from external roller access openings.
 Meets Specifications or Exceptions: _____
9. The packing mechanism shall retain the compacted material in the body, be capable of compacting residential refuse to a minimum density of 750 pounds per cubic yard, and provide protection for the operating cylinders.
 Meets Specifications or Exceptions: _____

10. When the packer plate reaches the interrupt position, it shall stop approximately 14" to 16" above the loading sill to avoid a pinching action. The packing control handles must then be reactivated to complete the cycle. The packing control handles shall be able to stop or reverse the packing mechanism at any point in the cycle. A single control for all functions is preferred.

Meets Specifications or Exceptions: *NOTE: PER PAGE #26 DUAL CONTROLS

M. EJECTION SYSTEM

1. Unloading by full ejection method only.

Meets Specifications or Exceptions: _____

2. The upper 2/3 of the ejector panel face sheet shall be a minimum 11 gauge, 50,000 PSI yield strength steel. The lower 1/3 of the ejector panel face sheet shall be a minimum of 3/16" thick 50,000 PSI yield strength steel. The heavy-duty panel shall withstand the packing mechanism forces and the ejection of highly compacted refuse.

Meets Specifications or Exceptions: _____

3. The ejector panel shall travel to full length of the body and be equal in area to the cross section area of the body.

Meets Specifications or Exceptions: _____

4. The ejector panel shall be designed to act as a bulkhead against which refuse is compressed by the packing mechanism.

Meets Specifications or Exceptions: _____

5. The ejector panel shall travel on six (6), 16" ultra high molecular weight polyethylene shoes and four (4), 8" phenolic guide shoes. These guide shoes shall be replaceable without removing the ejection panel from body.

Meets Specifications or Exceptions: _____

6. At no time may any portion of the ejector panel, when in its rearmost position, extend beyond the plane of the rear body opening. However, the ejector panel must be capable of fully emptying the body.

Meets Specifications or Exceptions: _____

N. HYDRAULIC SYSTEM

1. The hydraulic pump shall be a bi-directional spur gear type with wear compensating side plates using hydraulic pressure to keep them properly tensioned and positioned to maintain a consistent fluid flow rate. Both the low and high pressure side of all hydraulic systems shall use high quality, low micron filters. Pump shall be driven through a transmission mounted PTO.

Meets Specifications or Exceptions: _____

2. The capacity of the pump shall not be rated at less than 42 gallons per minute at 1,200 RPM.

Meets Specifications or Exceptions: _____

3. A factory sealed relief valve shall be set at a maximum of 1,650 PSI.

Meets Specifications or Exceptions: _____

4. An externally mounted, in-line, 141 micron (100 mesh) suction strainer with built-in bypass shall be provided.

Meets Specifications or Exceptions: _____

5. A 20 micron in-tank return line filter with a visual indicator to show when the filter is in a bypass mode shall be supplied.

Meets Specifications or Exceptions: _____

6. A hydraulic steel reservoir of not less than 50 gallon capacity shall be provided and mounted to the frame underneath the front left corner of the packer body.. The tank shall be equipped with a breather filter to prevent the entrance of foreign matter, tank drain plug (magnetic type), and a bulls-eye at design oil level indicator showing service level with packer blade retracted and all systems at rest. The service lines to the hydraulic reservoir shall be fitted with shut-off valves on the suction and return lines. The shut-off valves shall be located in a manner which allows servicing of suction screen (100 mesh, minimum) and return line 10 micron filter. The tank shall be equipped with Aero-Quip Coupling Adaptor 502-12-10S and Dust Cap 5657-12-10S for oil filling. Breather filters to be Pall HC7400-SDT4H and Adaptor HHAM-7000, or equal. Dual lever operation of the packing blade is required. Connecting main supply and return hoses shall be fitted with JIC-24 female Eaton compressed hydraulic connecting line fittings. Main supply hoses and return lines are identified as the supply line from the hydraulic tank to the PTO and the main returning line to the hydraulic tank. Main supply and return hoses must be rated at or above 150 psi minimum.

Reservoir Capacity Offered: 50 U.S. GALLON

O. CAMERA SYSTEM FOR REAR LOADING REFUSE PACKERS

These specifications describe a color camera system that shall be fully compatible with the rear loading refuse packer. Do not include price of this camera system in the Bid price of each refuse packer. This camera system shall be priced separately in Section 4 of the Pricing Pages. The system selected, will be designated on a City Purchase Order or Vehicle Financing Program Order Letter. It shall be fully installed and ready for operation upon delivery of each refuse packer ordered.

1. Camera

One (1) rear mounted backup color camera shall be provided. The camera shall be mounted at the rear of the vehicle over the hopper. The camera provided shall be equipped with a sun shield, weatherproof, and mounted utilizing vibration and shock resistant mounts. Installation shall be of a permanent nature utilizing tamper-proof nuts and bolts. Co-axial cable shall be of polyurethane jacket and contained in rigid conduit for protection.

The camera shall meet the following requirements:

- a. Field of view, 100° vertical, 125° horizontal (minimum).
- b. Illumination, 0.5 lux (minimum).
- c. 320 lines of resolution (minimum).
- d. Shock resistant. Capable of withstanding continued 9G loads.
- e. Auto-iris lens, f2.0mm, f2.0 fixed focus.
- f. 12 VDC.
- g. IP 68 Waterproof rate.

Meets Specifications or Exceptions: _____

2. Monitor

Monitor shall be on an adjustable base to permit easy viewing and shall have a sunshield. Monitor controls shall include automatic on, day/night sensitivity switch and shall be mounted to the ceiling in the center of the cab utilizing swivel mounting bracket. Monitor will be set to the rear-view camera.

Monitor shall meet the following requirements:

- a. 6.4" color picture measured diagonally (minimum).
- b. 11-32 VDC.
- c. On-Screen LCD distance markers.

- a. Field of view, 100° vertical, 125° horizontal (minimum).
- b. Illumination, 0.5 lux (minimum).
- c. 320 lines of resolution (minimum).
- d. Shock resistant. Capable of withstanding continued 9G loads.
- e. Auto-iris lens, f2.0mm, f2.0 fixed focus.
- f. 12 VDC.
- g. IP 68 Waterproof rate.

Meets Specifications or Exceptions: _____

2. Monitor

Monitor shall be on an adjustable base to permit easy viewing and shall have a sunshield. Monitor controls shall include automatic on, day/night sensitivity switch and shall be mounted to the ceiling in the center of the cab utilizing swivel mounting bracket. Monitor will be set to the rear-view camera.

Monitor shall meet the following requirements:

- a. 6.4" color picture measured diagonally (minimum).
- b. 11-32 VDC.
- c. On-Screen LCD distance markers.
- d. IP 68 Waterproof rating.
- e. Backlit control buttons on waterproof remote control.
- f. 50,000 hour LCD panel protected by polycarbonate cover.

Meets Specifications or Exceptions: _____

P. ADDITIONAL EQUIPMENT FEATURES

The following additional equipment features shall be on the Pricing Page as an option to purchase by the City. Contractor must provide pricing for this item in order to be considered responsive. The City has the discretion of placing an order for any of these equipment features as may be in its best interests. The selected optional equipment features will be specified on a Purchase Order or Vehicle Financing Program Order Letter and shall be delivered with the primary unit, ready for operation at the time of delivery. All equipment offered shall be compatible with the primary unit provided.

1. Cart Flipper (Option to Purchase)

- a. The cart dumping mechanism shall be a Perkins Model D6080 tuck-away type (no exceptions) design and permit full utilization of the hopper during manual loading of containers without any obstructions.
 Meets Specifications or Exceptions: _____
- b. The design and mounting of the dumper to the hopper sill shall permit full and safe access to the hopper during manual loading of bulk items.
 Meets Specifications or Exceptions: _____
- c. The cart dumping mechanism shall be mounted to the refuse body and powered and controlled hydraulically without requiring electrical switches and/or solenoids.
 Meets Specifications or Exceptions: _____
- d. The cart dumping mechanism shall be designed to accommodate, thirty two (32), 64 and 96 gallon refuse containers. The mechanism shall have a minimum lifting capacity of 300 pounds. Cart dumper must be compatible with the City's existing Toter, Zarn, Otto, and Rherig Pacific containers.
 Meets Specifications or Exceptions: _____
- e. The cart dumping mechanism shall be mounted assuring adequate ground clearance during typical conditions of loading and transporting. The cart dumping mechanism shall be mounted in the center of the hopper and hydraulic controls shall be located on the right hand curb-side, rear of refuse body. Hydraulic lines shall be routed to eliminate chaffing or damage.
 Meets Specifications or Exceptions: _____
- f. The dumping mechanism and hydraulic system shall be capable of functioning properly at ambient temperature of 120° Fahrenheit.
 Meets Specifications or Exceptions: _____

2. Construction

The dumping mechanism shall be constructed to assure safety when lifting, emptying, and lowering containers without deformation, scratching, or otherwise damaging the container. The dumping mechanism provided shall incorporate a lifting plate, hydraulic cylinder, and hydraulic controls.

- Meets Specifications or Exceptions: _____

3. Operation

The dumping mechanism shall engage the container, without requiring manual lifting of the container, and shall rotate the container a minimum of 45° above horizontal and empty the contents of the container into the refuse body hopper. The mechanism shall then return to vertical and be capable of continuing its movement through the disengagement position to the storage, tuck-away, position under the hopper. Cycle time, vertical-dump-vertical, shall not exceed ten (10) seconds. Installation of equipment shall conform to all applicable requirements of ANSI and CAL-OSHA.

Meets Specifications or Exceptions: _____

Q. LAPTOP COMPUTER AND DIAGNOSTIC SYSTEM

The following item shall be on the Pricing Page as an option to purchase by the City. Contractor must provide pricing for this item in order to be considered responsive. The City has the discretion of placing an order for any of these equipment features as may be in its best interests. The selected optional equipment features will be specified on a Purchase Order or Vehicle Financing Program Order Letter and shall be delivered with the primary unit, ready for operation at the time of delivery. All equipment offered shall be compatible with the primary unit provided.

An industrial quality tough case diagnostic type laptop computer with the "NEXIQ interface," all needed connections to data link with the vehicle, and of sufficient capacity to run all diagnostic functions and software shall define the system and be provided. Current requirements call for laptop model Getac S400 SRNB I5 2.6GHZ 4GB 500GB 14IN (SWM144).

Meets Specifications or Exceptions: _____

Software provided shall include all components accessible through the data link such as engine, transmission, and brake system. Licensed software shall be provided with a minimum two (2) year subscription for each of the specific components.

Meets Specifications or Exceptions: _____

Delivery details and Laptop quantities shall be determined at the pre-production meeting. It is estimated that one laptop system per ten (10) units delivered will support the service needs.

Meets Specifications or Exceptions: _____

R. ZONAR VEHICLE EQUIPMENT INSPECTION SYSTEM

The following item shall be on the pricing page as an option to purchase by the City. Contractor must provide pricing for this item in order to be considered responsive.

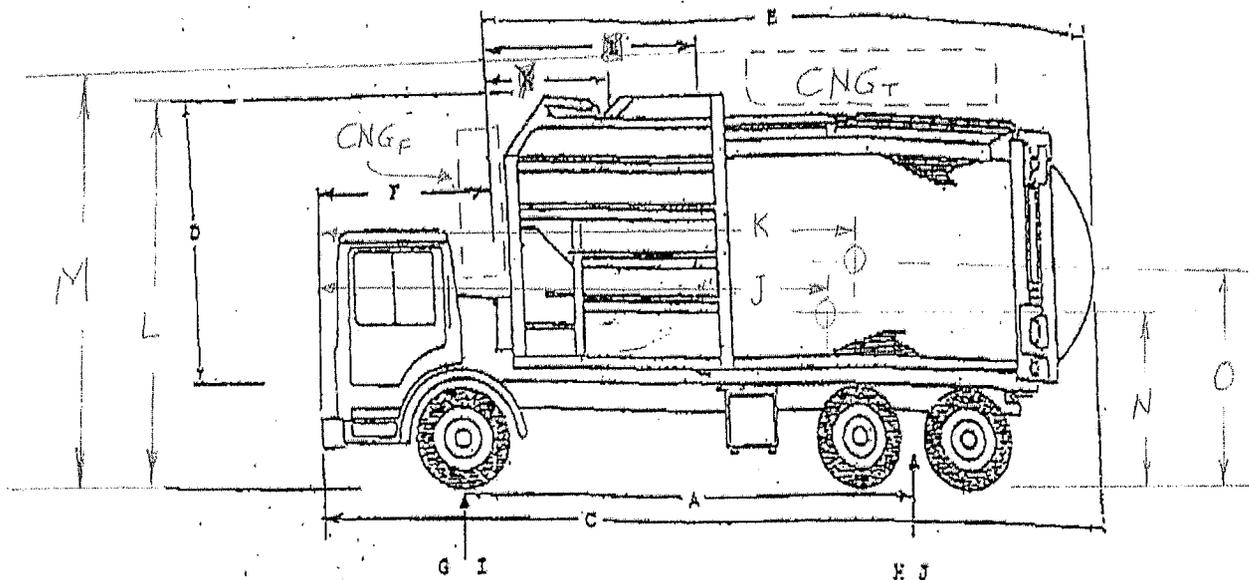
The City has the discretion of placing an order for any of these equipment features as may be in its best interests. The selected optional equipment features will be specified on a Purchase Order or Vehicle Financing Program Order Letter and shall be delivered with the primary unit, ready for operation at the time of delivery. All equipment offered shall be compatible with the primary unit provided.

At the City's option, the Zonar equipment may be purchased separately in kit form for installation at the City. The Zonar kit shall be inclusive of the EVIR GSM Inspection Kit, hand held units, all current zone tags eleven (11) and asset tags one (1), inline fuse kits, and GPS antenna. A complete listing of all the items with their description shall be provided upon request.

Meets Specifications or Exceptions: _____

ATTACHMENT B

GROUND REACTION AND SPECIFICATION CHART



- A. Wheel Base _____ inches
- C. Overall Length _____ inches
- D. Height Above Frame _____ inches
- E. Wheel Base (W & W/O CNG) _____ inches
- F. Bumper to Back of Cab _____ inches
- I. Front Axle Loading Empty _____ pounds
- J. Rear Axle Loading Empty _____ pounds
- G. Front Axle Loading (Payload Noted in Spec's) _____ pounds
- H. Rear Axle Loading (Payload Noted in Spec's) _____ pound
- J. Center of Gravity (Empty Truck) _____ inches (No CNG & W/CNG)
- K. Center of Gravity (Payload Noted in Spec's) _____ inches (No CNG & W/CNG)
- L. Overall Height (No CNG) _____ inches
- M. Overall Height (W/CNG) _____ inches
- N. Center of Gravity (Empty) _____ inches (W/CNG & W/O CNG)
- O. Center of Gravity (Payload Noted in Spec's) _____ inches (W/CNG & W/O CNG)

Note: CNG is Compressed Natural Gas (Front of Body or Roof Mounted).



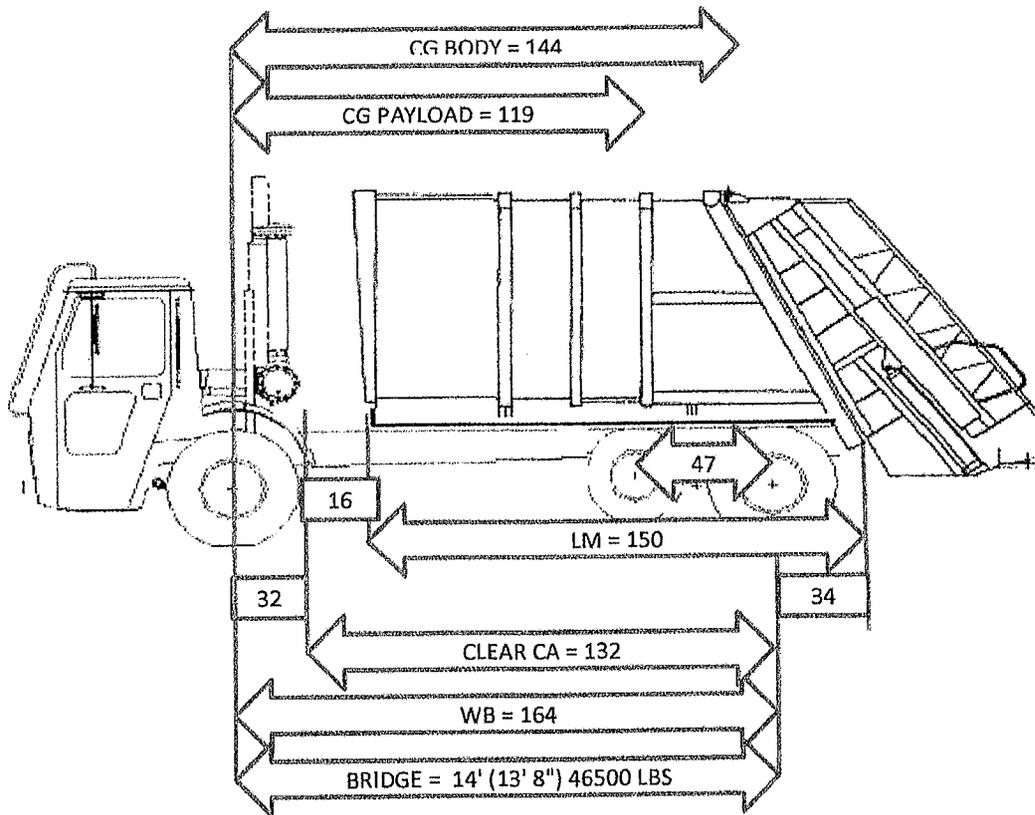
LOAD DISTRIBUTION

Pak-Mor Limited
 P.O. Box 389
 Seguin, TX 78156
 (830) 303-7256
 (830) 303-3648

Date

Body

Chassis



Wheelbase <WB> =	164	Long-member <LM> =	150
CLEAR Cab-to-axle <CA> =	132	After-frame <AF> =	34
Cab-to-body spacing <S> =	16	Compaction - lbs/yd ³ =	998
Center of gravity - body <CG-B> =	144		
Center of gravity - payload <CG-P> =	119		

	FRONT	PUSHER	REAR	TOTAL
CHASSIS	11557		4025	15582
BODY	1427		10273	11700
PUSHER UP	358	(1250)	892	1250
TARE	13342		15190	28532
PAYLOAD	4930		13038	17968
PUSHER DOWN	(3305)	11533	(8228)	
GROSS	14967	11533	20000	46500



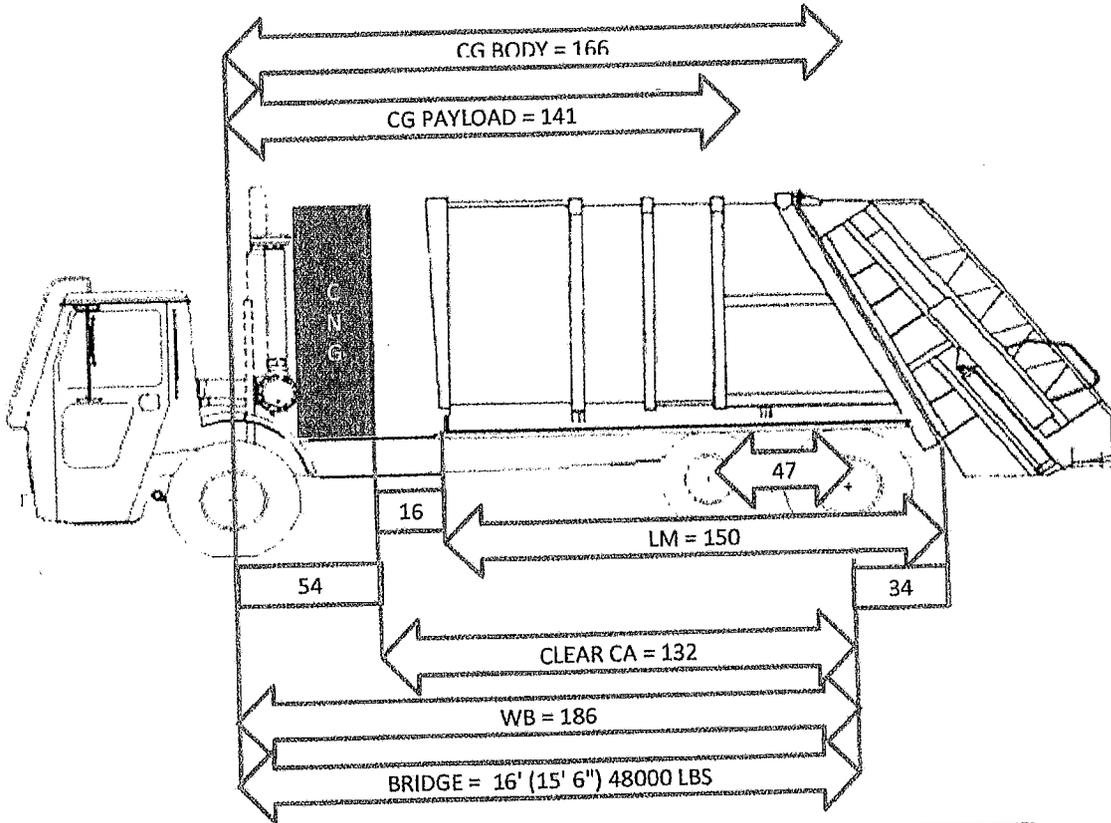
Pak-Mor Limited
 P.O. Box 389
 Seguin, TX 78156
 (830) 303-7256
 (830) 303-3648

LOAD DISTRIBUTION

Date

Body

Chassis



Wheelbase <WB> =	186
CLEAR Cab-to-axle <CA> =	132
Cab-to-body spacing <S> =	16
Center of gravity - body <CG-B> =	166
Center of gravity - payload <CG-P> =	141

Long-member <LM> =	150
After-frame <AF> =	34

Compaction - lbs/yd³ =

	FRONT	PUSHER	REAR	TOTAL
CHASSIS	12691		4620	17311
BODY	1258		10442	11700
PUSHER UP	316	(1250)	934	1250
TARE	14265		15996	30261
PAYLOAD	4292		13447	17739
PUSHER DOWN	(3193)	12636	(9443)	
GROSS	15364	12636	20000	48000

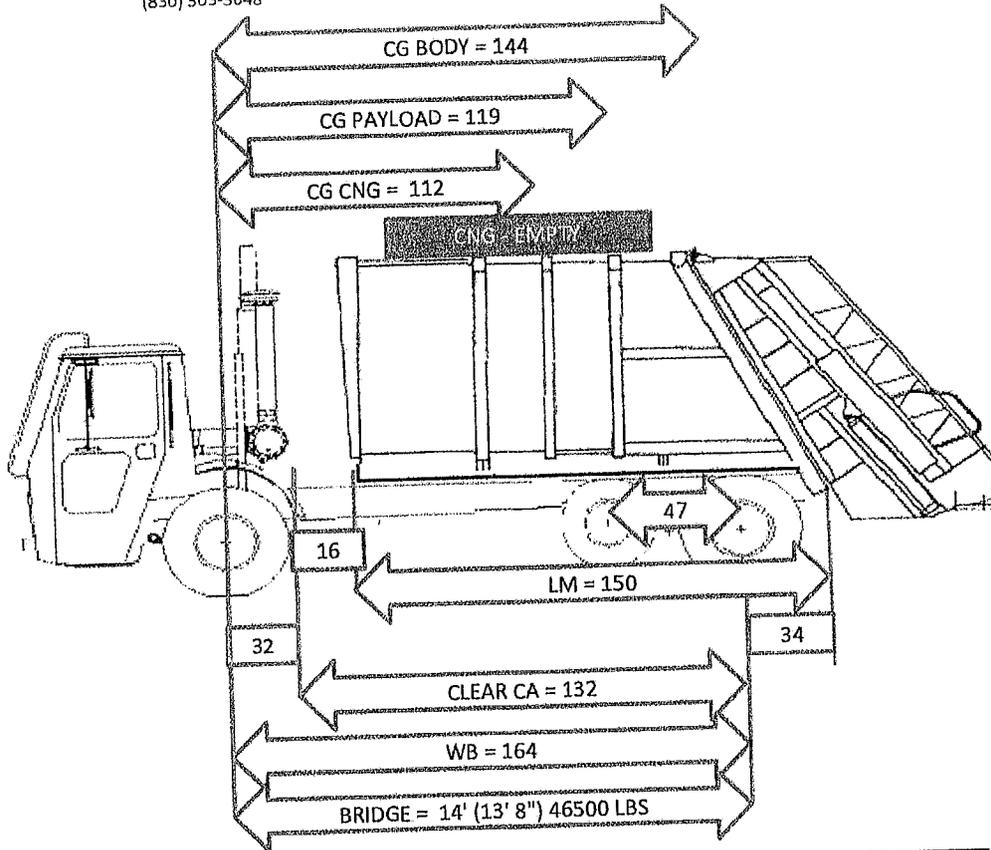


LOAD DISTRIBUTION

Pak-Mor Limited
 P.O. Box 389
 Seguin, TX 78156
 (830) 303-7256
 (830) 303-3648

Date:

Body:
 Chassis:



Wheelbase <WB> =	164	Long-member <LM> =	150
CLEAR Cab-to-axle <CA> =	132	After-frame <AF> =	34
Cab-to-body spacing <S> =	16	Compaction - lbs/yd ³ =	945
Center of gravity - body <CG-B> =	144		
Center of gravity - payload <CG-P> =	119		

	FRONT	PUSHER	REAR	TOTAL
CHASSIS	11557		4025	15582
OMIT *DIESEL	(200)		(100)	(300)
ADD *CNG	396		854	1250
BODY	1427		10273	11700
*PUSHER UP	358	(1250)	892	1250
TARE	13538		15944	29482
PAYLOAD	4670		12348	17018
PUSHER DOWN	(3331)	11623	(8292)	
*GROSS	14877	11623	20000	46500

*ESTIMATIONS



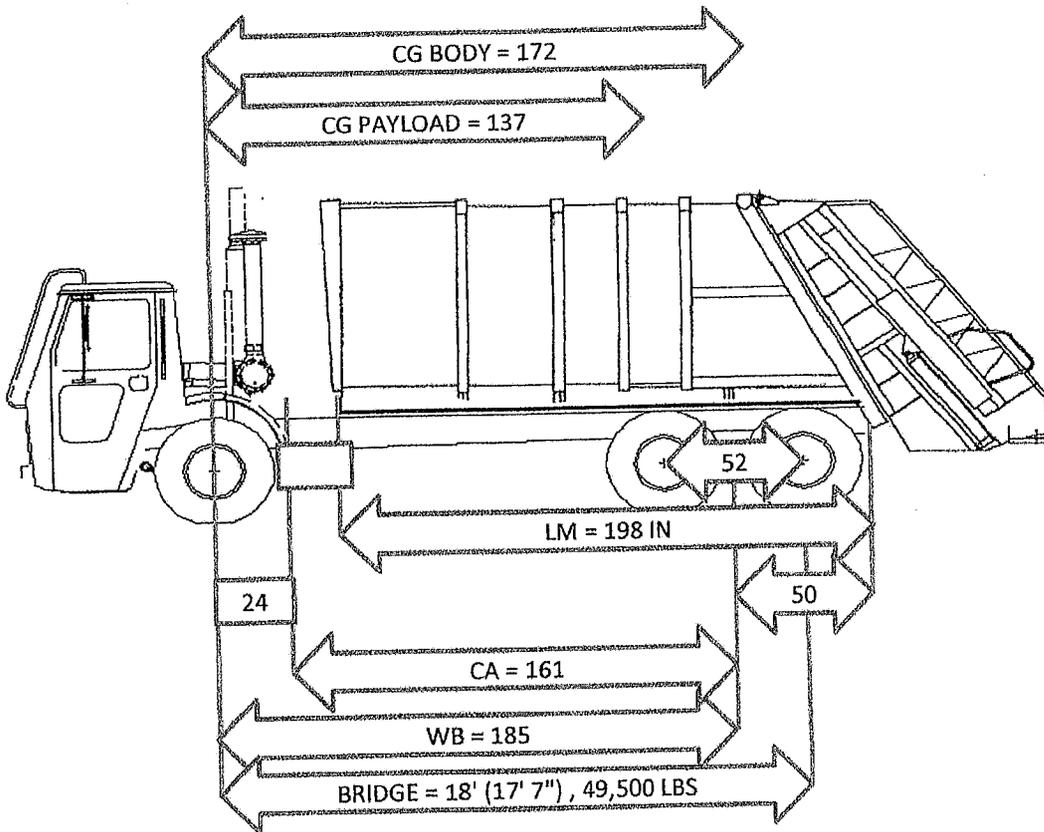
Pak-Mor Limited
 P.O. Box 389
 Seguin, TX 78156
 (830) 303-7256
 (830) 303-3648

LOAD DISTRIBUTION

Date

Body

Chassis



Wheelbase <WB> =	185
Cab-to-axle <CA> =	24
Center of gravity - body <CG-B> =	172
Center of gravity - payload <CG-P> =	137

Long-member <LM> =	198
After-frame <AF> =	50

Compaction - lbs/yd³ =

	FRONT	REAR	TOTAL
CHASSIS	11614	6840	18454
BODY	880	11650	12530
TARE	12494	18490	30984
PAYLOAD	4804	13712	18516
GROSS	17298	32202	49500

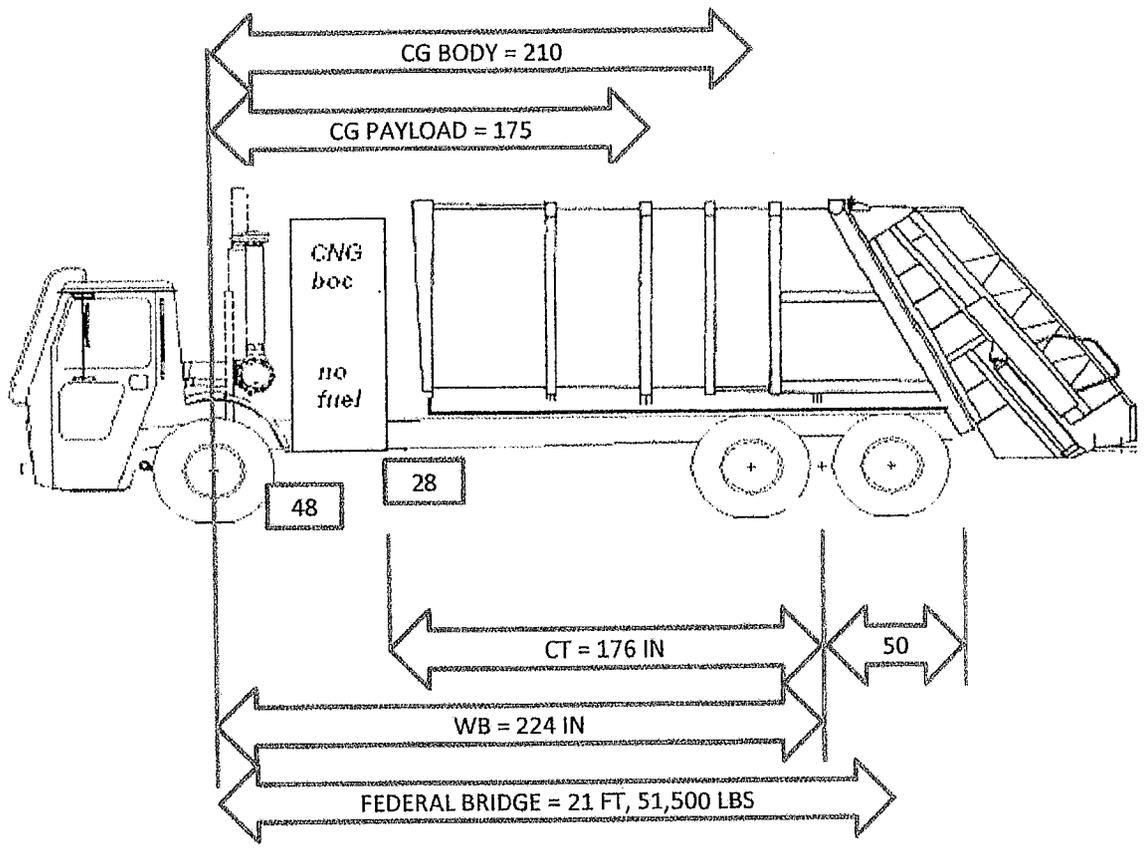


Pak-Mor Limited
 P.O. Box 389
 Seguin, TX 78156
 (830) 303-7256
 (830) 303-3648

LOAD DISTRIBUTION

Date

Body
 Chassis



Wheelbase <WB> =	224
Cab-to-axle <CA> =	176
Cab-to-body spacing <S> =	28
Center of gravity - body <CG-B> =	210
Center of gravity - payload <CG-P> =	175

Long-member <LM> =	198
After-frame <AF> =	50
Compaction - lbs/yd ³ =	778

	FRONT	REAR	TOTAL
CHASSIS	12895	6410	19305
BODY	797	11953	12750
TARE	13692	18363	32055
PAYLOAD	4254	15191	19445
GROSS	17946	33554	51500

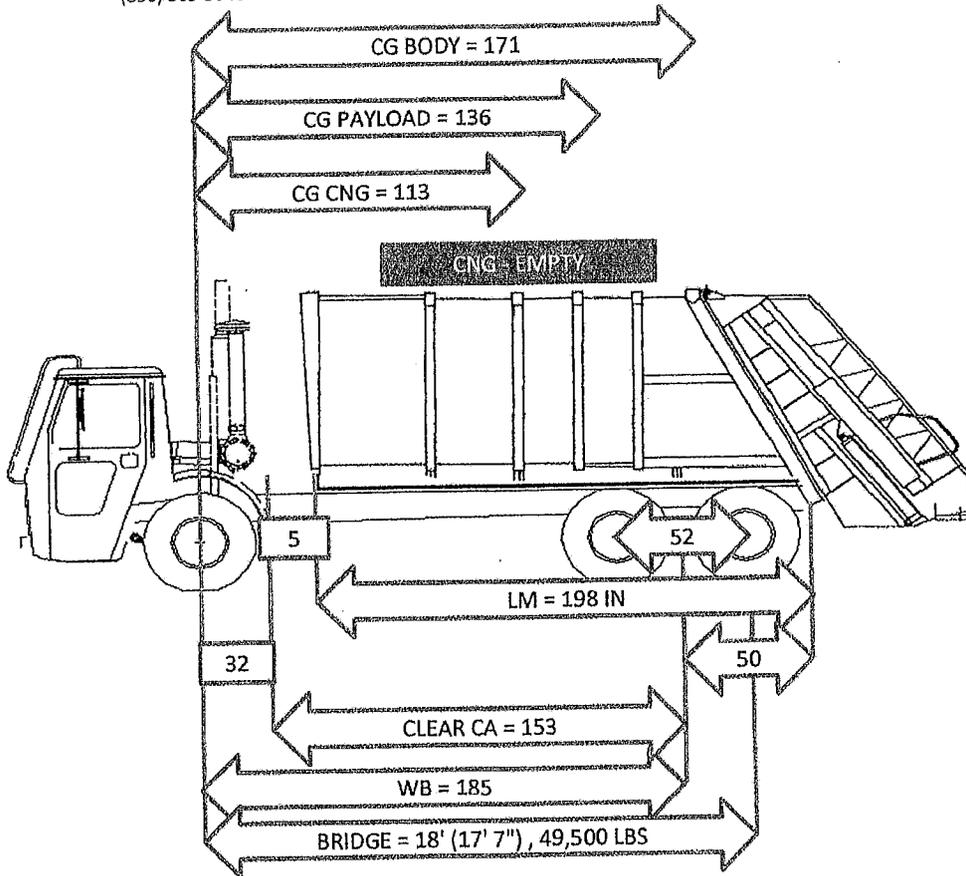


LOAD DISTRIBUTION

Pak-Mor Limited
 P.O. Box 389
 Seguin, TX 78156
 (830) 303-7256
 (830) 303-3648

Date

Body
 Chassis



Wheelbase <WB> =	185
CLEAR Cab-to-axle <CA> =	32
Cab-to-body spacing <S> =	5
Center of gravity - body <CG-B> =	171
Center of gravity - payload <CG-P> =	136

Long-member <LM> =	198
After-frame <AF> =	50
Compaction - lbs/yd ³ =	703

		FRONT	REAR	TOTAL
	CHASSIS	11614	6840	18454
OMIT	*DIESEL	(200)	(100)	(300)
ADD	*CNG	486	764	1250
	BODY	948	11582	12530
	TARE	12848	19086	31934
	PAYLOAD	4653	12913	17566
	*GROSS	17501	31999	49500

*ESTIMATION

ATTACHMENT "C"

City of San Diego

EQUIPMENT AND VEHICLE FINANCING PROGRAM

Vendor Requirements

The Equipment and Vehicle Financing Program is a lease-to-purchase program to finance City equipment acquisitions. At the City's option, the Equipment and Vehicle Financing Program may be used to fund new acquisitions. The following information outlines the Equipment and Vehicle Financing Program requirements for vendors.

EQUIPMENT ORDERS

Successful Bidders will receive an Order Letter in place of a Purchase Order from the City's Financing Services Department. A sample Order Letter is attached. The Order Letter will designate the equipment to be ordered and will confirm that the City has obtained pre-approval from a lease provider to fund the acquisition.

- Sign the Order Letter and return a copy to City of San Diego Financing Services, within ten (10) business days to acknowledge receipt of the order.
- The Order Letter will designate a lease number to be used by the vendor on all shipping and billing documents.

DOCUMENTATION REQUIRED FROM VENDORS PRIOR TO FUNDING

The lease provider will make full payment to the vendor upon receiving approval from the City. The City will provide approval only after the equipment has been accepted by the acquiring Department and the complete documentation from the vendor detailed below has been received.

- Two invoice copies are required: one (1) to be provided directly to the City Department acquiring the equipment and one (1) to be provided directly to the City's Financing Services Department. Addresses are provided in the Order Letter.
- A copy of the Manufacturer's Certificate of Origin for vehicles is required by the City's lease provider prior to funding the equipment. Vendors are requested to provide a copy of the Manufacturer's Certificate of Origin to the City with the invoices at the time of delivery or a minimum of seven (7) business days prior to receipt of funds.
- The lease provider is required to be designated as lienholder on the title and Manufacturer's Certificate of Origin for all vehicles purchased. The City will be named as titleholder.

SALES TAX PAYMENT

Sales tax will not be financed.

- Sales tax will be paid by the City directly to California vendors in a separate check at 7.75%.
- Sales tax will be paid by the City directly to the State of California at 7.75%, for out-of-state vendors. This will be confirmed in the Order Letter. If further verification of sales tax payment is required by out-of-state vendors, contact the Master Lease Program Administrator.

PAYMENT FOR EQUIPMENT

Funding will require a minimum of seven (7) business days for processing by Financing Services and the City's lease provider, after receipt of written acceptance of the equipment from the acquiring City department. Acquisitions CAN NOT and WILL NOT be funded until the acquiring City department accepts and approves the equipment.

Funds will be wired or overnighted by the lease provider, depending on the dollar value of the acquisition. Financing Services will notify vendors of the date funds are scheduled to be wired or overnighted.

To receive wired funds, vendors must provide the following information on COMPANY LETTERHEAD:

- Name, address and telephone number of bank to which funds are to be wired;
- Bank routing number;
- Account number and account name;
- Signature and title of person supplying this information; and,
- Vendor federal tax I.D. number

QUESTIONS

- Questions about the Equipment and Vehicle Financing Program may be directed to Sonya Prado, Debt Management, (619) 236-6640.
- Vendors are prohibited from contacting the City's lease provider regarding the Equipment and Vehicle Financing Program or vendor payment status.

Date

Vendor Representative
Vendor Name
Street Address
City, State Zip Code

Dear Mr./Ms:

Subject: Bid Number

The City of San Diego is ordering the equipment described below from VENDOR in accordance with the specifications of bid number ###. This order is independent of any other equipment the City of San Diego may order from VENDOR through a purchase order. The total price of this order is \$ _____ plus sales tax. The equipment will be funded by the City through a lease purchase agreement with LEASE PROVIDER. Preapproval of the lease purchase through LEASE PROVIDER is enclosed.

The equipment to be lease purchased is:

- Quantity (#) Brand Name, Model, and Description

This letter authorizes VENDOR to provide the City with the equipment as specified and to bill the City for the sale. Upon passing the City's incoming inspection and upon receipt of original invoice(s) and, if appropriate, manufacturer's certificate(s) of origin, the City will notify LEASE PROVIDER to make payment for the equipment. The sales tax will be paid by the City to VENDOR in a separate check at 7.75%.

Please use lease #**NUMBER** on all shipping and billing documents related to this order. Where appropriate, equipment identification number(s) should be listed on the invoice(s). Please send original invoices to the City at the following addresses:

City Department

Mark Caroccia
Financing Services
City of San Diego
2740 Caminto Chollas, MS42
San Diego, CA 92105

Page 2 - LEASE NUMBER

Vendor Representative

Vendor.

Please sign below, indicating your acceptance of this order, and return a copy of this letter within ten (10) business days to Sonya Prado at the above address. Please refer questions regarding the leasing procedure to Sonya Prado, Financing Services, (619) 533-6491. Thank you.

Sincerely,

Mary Lewis
Chief Financial Officer
kb

Enclosure: Lease Pre-Approval Form

Vendor

Date

ATTACHMENT "D"

WARRANTY ACKNOWLEDGEMENT FORM

Prime Contractor and all Sub-Contractors listed below acknowledge and will adhere to all warranty provisions specified in ITB # 10054780-15-R

PRIME CONTRACTOR	
Company Name	LOS ANGELES TRUCK CENTERS, LLC
Address	13800 VALLEY BLVD.
	FONTANA, CA. 92335

Signature: *Ray Gaskin* Date: MARCH 23, 2015

SUB-CONTRACTOR	
Company Name	RAY GASKIN SERVICE, INC.
Address	14572 RANCHO VISTA DR.
	FONTANA, CA. 92335

Signature: *Ray Gaskin* Date: MARCH 23, 2015

SUB-CONTRACTOR	
Company Name	TRANS-DATA ON-BOARD WEIGHT SYSTEMS / A DIVISION OF R.F. & ASSOC. INDUSTRIES, INC.
Address	1445 MURRAY AVENUE
	EL CAJON, CA. 92020

Signature: *Ray Gaskin* Date: APRIL 10, 2015

ITB No. 10054780-15-R
Questions and Answers

NOTE: These questions and answers are for informational purposes only, and is not part of any resulting contract.

Question 1: In accordance with Section I Part A item 1.4, we're writing concerning a question we have with regard to Part II Section O – CAMERA SYSTEM FOR REAR LOADING REFUSE PACKERS.

Clearly the specification is the INTEC Camera system comprising INTEC model CVC470HXL camera and INTEC model CVD640LCD which the COSD has installed on nearly 100% of your refuse collection fleet for the past 20+ years (some older trucks have our b/w systems and the newest trucks have our model CVC400XL color cameras with 120 horizontal field of view). If the specification is the INTEC system, and we believe it is, why does your spec not indicate 'INTEC or equal' like it does in at least 15 other places with respect to equipment and/or material specification the city is asking the bidders to meet for this purchase?

Specifying 'INTEC or equal' on the bid document will put all bidders on a level playing field and allow the city to evaluate all bids on an 'apples to apples' basis as opposed to otherwise.

Considering the importance a properly working camera system is not only in compliance with the law but also the safe operation of the vehicle, we respectfully request COSD reconsider Part II Section O of the ITB, and issue an appropriate addenda to specify 'INTEC or equal' in your bid specification

Answer 1:

The City does not want to be locked-in to a particular brand or model for all sub-systems components. The City believes going out to bid with more general specifications will allow the City to have a system that meets current needs and will help reduce the overall cost of the vehicle and still maintain a quality system.

Question 2:

I have a question regarding solicitation # 10054780-15-R rear loading refuse packers, The city has asked for 18 cubic yard and also 25 cubic yard units, My question is on the 18 cubic yard is that a non exception item or can I bid 17 or 16 cubic yard and take exception.

Answer 2:

The Department has responded that they need to have the 18 cubic yard capacity body. A lower capacity body bid would not meet the City requirements.

Question 3:

Autocar OEM built minimum cab floor height that can be attained is 30" give or take 2" bid spec is asking for 18" floor height. To attain 18" floor height would be a modification to original OEM build

Answer3:

The cab floor height requirement (or target) on both the LH and RH sides is 18", and a factory OEM would be the required (preferred) cab floor height. A Mod Center body modification would not be considered as an OEM system.

Question 4:

Autocar OEM built Pusher and Tag axle wheel and tire size option is only 19.5 wheels and tires with 15x4 brakes. Bid request 17.5 pusher axle wheels and tires. Again this would take a non original OEM build

Answer 4:

Pusher (or tag) axles are acceptable to be installed at a Mod Center or at the Body company during the packer body installation to meet specifications.

Question 5:

In the last City of San Diego rear loader bid I was low bidder but because of these two specs not being attainable with an Autocar Truck my bid was considered non-responsive. If I can't provide these two major specs with an Autocar chassis will my bid be non-responsive bid again?

Answer 5:

If you can not meet specifications, your bid will be non-responsive.

Question 6:

How will the bid response be evaluated? Will the award be based on factors that are weighted based on important to the city.

For example

Cost.....%

Compliance to Specifications.....%

Demo performance.....%

Other factors, Please indicate other factors and their weight ...%.

Answer 6:

The bid will be evaluated Per section 1.C.1 page 4 of the Instructions.
The example will not apply.

Question 7:

If exceptions are taken, will evaluation points be taken off for each exception taken ?

Answer 7:

No, so long as the exceptions meet the requirements specified.

Question 8:

Are there any item(s) in the specification that have been determined to be “absolutely necessary” and taking exception would result in rejection of the bid proposal. Please indicate which items would be in this category.

Answer 8:

Per section 1.C.1 page 4 of the instructions.”whose bid best meets the City’s requirement. “

Question 9:

Are there any items described in the specifications that could be considered “proprietary” for a specific manufacturer? Please indicate which items could be considered proprietary.

Answer 9 :

No, we are looking for products, which meet the needs indentified in Attachment A
No items are considered proprietary unless specified by the OEM

Question 10 :

For clarification purposes, is the wheelbase for the 18CY truck the distance from the center of the front axle to the center of the drive axle?

Answer 10 :

Yes

Question 11 :

Is the desired 8.5 Ton payload capacity based on the “allowable gross” as per CVC 35551 or based on individual axle group limitations resulting from the payload C. G. location.

Answer 11 :

Based on individual group limitations resulting from the payload CG location and proper weight distribution. The first part of the question is reflective of the bridge law, which allows for the pusher to be counted for meeting those "gross" limits.

Question 12 :

Is attachment B to be completed and submitted using 8.5 Ton payload or 10 Ton payload as shown in the attachment.

Answer 12 :

8.5 ton, water level loading for both rear loaders.

Question 13 :

Since the 18 CY truck has a pusher axle, will a new attachment be provided to reflect individual ground reactions for the drive axle and pusher axle.

Answer 13 :

No. Assume the pusher axle to be the forward rear axle for th weight distribution(but not the Wheel Base question # 10).

***End of Questions and Answers ***

ITB No. 10054780-15-R
Questions and Answers

NOTE: These questions and answers are for informational purposes only, and is not part of any resulting contract.

Question 1: In the pre-bid meeting, both you and Chris indicated there wasn't going to be an addendum to the camera spec. We received Addendum B, including an addendum to the camera spec for the rear loaders.

Answer 1: Some of the verbiage on page 27 (first paragraph) was changed, but, there were no changes to any of the specifications.

Question 2: In the original bid, the camera system spec spans pages 27 and 28 and included several items O2d – IP68 waterproofing through O2f – 50,000 backlight. The addendum includes only page 27 and does not include items O2d through O2f. 1

Answer 2: Addendum B only included page 27, because verbiage was changed in the first paragraph. There were NO CHANGES to page 28; therefore it was not included in Addendum B.

Page 28 remains in effect as previously noted in the original bid documents.

Question 3: Is the extent of the camera system spec that which you now indicate now on the addendum?

Answer 3: NO. Addendum B only included change to page 27, as stated above. Page 28 was not changed. Therefore, it was not included in Addendum B, but page 28 remains in effect as previously noted in the original bid documents.

Question 4: We have a new Model coming out this year that we (at present) do not have pricing on. How do you want to bid it over 5 years?

Answer 4: The City cannot recommend to a bidder how to price their vehicle.

Question 5: Page 11, Item "X" – Digital Mobile Radio System wherein you request a Motorola XTL1500 radio. I have contacted Motorola about this radio only to be informed that this series of radio has been discontinued final production in November of 2014. They will make parts available, however they will not sell us the radio. Would you be able to contact your end user

department and establish a replacement for us? Mobile radio systems are VERY EQUIPMENT SPECIFIC, meaning that your system will work with only one specific radio from Motorola. It is not something you or we would want to guess at.

Answer 5: Since model XTL1500 has been discontinued. Mark as an exemption and provide an equivalent manufacturer and model number.

*** End of Questions and Answers ***

CITY OF SAN DIEGO

PURCHASING & CONTRACTING DEPARTMENT

1200 Third Avenue, Suite 200

San Diego, CA 92101-4195

Fax: (619) 236-5904

ADDENDUM B

ITB No. 10054780-15-R

ITB Closing Date: March 27, 2015
@ 3:00 p.m. P.T.

Furnish the City of San Diego with **Rear Loading Refuse Packers**.

The following changes to Attachment A and Attachment B are hereby made effective as though they were originally shown and/or written:

1. Delete the original Invitation to Bid Contract Cover Sheet and replace with the attached Addendum B Invitation to Bid Contract Cover Sheet.
2. Delete the original Attachment A page 27 and replace with Attachment Addendum B page 27. (NOTE: Bold text has been changed).
3. Delete the original Attachment B and replace with Attachment B Addendum B. (NOTE: Bold text has been changed).
4. Add a two (2) page "Questions and Answers". (NOTE: This is for informational purposes only, and is not part of any resulting contract.)

CITY OF SAN DIEGO PURCHASING & CONTRACTING DEPARTMENT



Raymond Vestri
Procurement Specialist
(619) 236-6134

March 6, 2015

RAY/mw

CITY OF SAN DIEGO

PURCHASING & CONTRACTING DEPARTMENT
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195
Fax: (619) 236-5904

ADDENDUM C

ITB No. 10054780-15-R

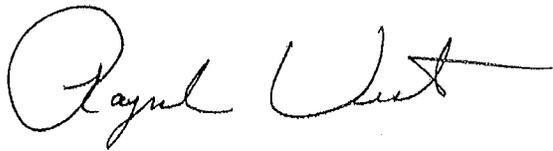
Revised ITB Closing Date: April 13, 2015
@ 3:00 p.m. P.T.

Furnish the City of San Diego with Rear Loading Refuse Packers.

The following changes are hereby made effective as though they were originally shown and/or written:

- Delete the Addendum B Invitation to Bid (ITB) Contract Cover Sheet and replace with the attached Addendum C Invitation to Bid Contract (ITB) Cover Sheet. (NOTE: The ITB closing date and Questions and Comments Due Date has been changed).

CITY OF SAN DIEGO PURCHASING & CONTRACTING DEPARTMENT



Raymond Vestri
Procurement Specialist
(619) 236-6134

March 24, 2015

RAY/mw

CITY OF SAN DIEGO

PURCHASING & CONTRACTING DEPARTMENT
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195
Fax: (619) 236-5904

ADDENDUM D

ITB No. 10054780-15-R

ITB Closing Date: April 13, 2015
@ 3:00 p.m. P.T.

Furnish the City of San Diego with Rear Loading Refuse Packers.

The following changes are hereby made effective as though they were originally shown and/or written:

1. Delete the Addendum C Invitation to Bid (ITB) Contract Cover Sheet and replace with the attached Addendum D Invitation to Bid (ITB) Contract Cover Sheet.
2. Add a two (2) page "Questions and Answers". (NOTE: This is for Informational Purposes Only, and is not Part of any Resulting Contract).

CITY OF SAN DIEGO PURCHASING & CONTRACTING DEPARTMENT



Raymond Vestri
Procurement Specialist
(619) 236-6134

March 26, 2015

RAY/mw

CITY OF SAN DIEGO

PURCHASING & CONTRACTING DEPARTMENT
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195
Fax: (619) 236-5904

ADDENDUM E

ITB No. 10054780-15-R

ITB Closing Date: April 13, 2015
@ 3:00 p.m. P.T.

Furnish the City of San Diego with **Rear Loading Refuse Packers**.

The following changes are hereby made effective as though they were originally shown and/or written:

1. Delete the Addendum D Invitation to Bid (ITB) Contract Cover Sheet and replace with the attached Addendum E Invitation to Bid (ITB) Contract Cover Sheet. (NOTE: Questions and Comments Due date has been changed).
2. Delete the original Attachment A, pages 11 and 12 and replace with Attachment A, Addendum E pages 11 and 12. (NOTE: Paragraph X, Digital Mobile Radio System, bold text has been changed. The requirement, items 2 and 3, for installation and mobile antenna have been deleted.)

The City is currently adopting the Motorola model APX 6500 mobile radio (or equivalent) as the replacement for the current XTL series. Bidders are to price for this latest model (or equivalent) with the provision that the City may request a change to a newer model, if upgrades in technology should result in a model change. The installation will be provided by the City, so the vendor should price for a kitted radio package.

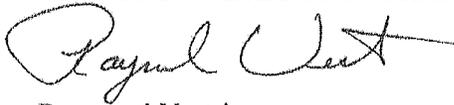
Bidders are to price for this latest model **with the options noted below** (or equivalent).

1. Palm Microphone
2. Astro Digital CAI Operation
3. 05 Control Head
4. Remote Mount Mid Power
5. APX Control Head Software
6. ¼ Wave Antenna

ITB No. 10054780-15-R
Addendum E
Page 2

7. Auxilliary Speaker 7.5 Watt
8. Key Supplemental Data
9. P25 Trunking Software
10. Smartzone Operation APX6500
11. Over The Air Provisioning
12. Astro 25 Integrated Voice and Data

CITY OF SAN DIEGO PURCHASING & CONTRACTING DEPARTMENT



Raymond Vestri
Procurement Specialist
(619) 236-6134

April 3, 2015

RAY/mw

Broom/Shovel
HOLDER

⚠ DANGER
DO NOT ENTER
UNLESS BODY IS
EMPTY ENGINE IS
OFF AND IGNITION
KEY IS REMOVED

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-14-012;

IT IS ORDERED AND RESOLVED: The engine and emission control systems produced by the manufacturer are certified as described below for use in on-road motor vehicles with a manufacturer's GVWR over 14,000 pounds. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	ENGINE SIZE (L)	FUEL TYPE	STANDARDS & TEST PROCEDURE	INTENDED SERVICE CLASS	ECS & SPECIAL FEATURES		DIAGNOSTIC
				Diesel	MHDD	TBI, TC, CAC, ECM, EGR, TWC, HO2S	EMD*	
2015	FCEXH0540LBF	8.9	CNG/LNG	Diesel	MHDD			
PRIMARY ENGINE'S IDLE EMISSIONS CONTROL			ADDITIONAL IDLE EMISSIONS CONTROL					
EXEMPT			N/A					
ENGINE (L)			ENGINE MODELS / CODES (rated power, in hp)					
8.9			See attachment for engine models and ratings					

* =not applicable; GVWR=gross vehicle weight rating; 13 CCR xyz=Title 13, California Code of Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section 86.abc; L=liter; hp=horsepower; kw=kilowatt; hr=hour;
 1 CNG/LNG=compressed/liquefied natural gas; LPG=liquefied petroleum gas; E85=85% ethanol fuel; MF=multi fuel a.k.a. BF=bi fuel; DF=dual fuel; FF=flexible fuel;
 2 L/M/H HDD=light/medium/heavy heavy-duty diesel; UB=urban bus; HDO=heavy duty Otto;
 3 ECS=emission control system; TWC/OC=three-way/oxidizing catalyst; NAC=NOx adsorption catalyst; SCR-U / SCR-N=selective catalytic reduction - urea / - ammonia; WU (prefix) =warm-up catalyst; DPP=diesel particulate filter; PTOX=periodic trap oxidizer; HO2S/O2S=heated/oxygen sensor; HAFS/AFS=heated/air-fuel-ratio sensor (e.k.a. universal or linear oxygen sensor); TBI=throttle body fuel injection; SFI/MFI=sequential/multi port fuel injection; DGI=direct gasoline injection; GCARB=gaseous carburetor; IDI/DDI=indirect/direct diesel injection; TC/SC=turbo/super charger; CAC=charge air cooler; EGR / EGR-C=exhaust gas recirculation / cooled EGR; PAIR/AIR=pulsed/secondary air injection; SPL=smoke puff limiter; ECM/PCM=engine/powertrain control module; EM=engine modification, 2 (prefix)=parallel; (2) (suffix)=in series;
 4 ESS=engine shutdown system (per 13 CCR 1956.8(a)(6)(A)(1); 30g=30 g/hr NOx (per 13 CCR 1956.8(a)(6)(C); APS =internal combustion auxiliary power system; ALT=alternative method (per 13 CCR 1956.8(a)(6)(D); Exempt=exempted per 13 CCR 1956.8(a)(6)(B) or for CNG/LNG fuel systems; N/A=not applicable (e.g., Otto engines and vehicles);
 5 EMD=engine manufacturer diagnostic system (13 CCR 1971); OBD=on-board diagnostic system (13 CCR 1971 1);

Following are: 1) the FTP exhaust emission standards, or family emission limit(s) as applicable, under 13 CCR 1956.8; 2) the SET and NTE limits under the applicable California exhaust emission standards and test procedures for heavy-duty diesel engines and vehicles (Test Procedures); and 3) the corresponding certification levels, for this engine family. "Diesel" CO, SET and NTE certification compliance may have been demonstrated by the manufacturer as provided under the applicable Test Procedures in lieu of testing. (For flexible- and dual-fueled engines, the CERT values in brackets [] are those when tested on conventional test fuel. For multi-fueled engines, the STD and CERT values for default operation permitted in 13 CCR 1956.8 are in parentheses.).

in g/bhp-hr	NMHC		NOx		NMHC+NOx		CO		PM		HCHO	
	FTP	SET	FTP	SET	FTP	SET	FTP	SET	FTP	SET	FTP	SET
STD	0.14	0.14	0.20	0.20	*	*	15.5	15.5	0.01	0.01	*	*
CERT	0.07	0.03	0.13	0.01	*	*	7.8	6.4	0.002	0.001	*	*
NTE	0.21		0.30		*		19.4		0.02		*	

* g/bhp-hr=grams per brake horsepower-hour; FTP=Federal Test Procedure; SET= Supplemental emissions testing; NTE=Not-to-Exceed; STD=standard or emission test cap; FEL=family emission limit; CERT=certification level; NMHC/HC=non-methane/hydrocarbon; NOx=oxides of nitrogen; CO=carbon monoxide; PM=particulate matter; HCHO=formaldehyde;

BE IT FURTHER RESOLVED: For the listed engine models the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR 1965 (emission control labels), 13 CCR 1971 (engine manufacturer diagnostic) and 13 CCR 2035 et seq. (emission control warranty).

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this 30 day of October 2014.



Annette Hebert, Chief
 Emissions Compliance, Automotive Regulations and Science Division

EO#: A-021-0614

Attachment: Page 1 of 1

10-14-2014

Engine Model Summary Template

Engine Family	1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4 Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
FCEXH0540LBF	3517;FR93274	ISL G 320	320@2100	N/A	N/A	1000@1300	N/A	N/A	H02S, PCM, TWC
FCEXH0540LBF	3517;FR93277	ISL G 300	300@2100	N/A	N/A	860@1300	N/A	N/A	H02S, PCM, TWC
FCEXH0540LBF	3517;FR93280	ISL G 280	280@2200	N/A	N/A	900@1300	N/A	N/A	H02S, PCM, TWC
FCEXH0540LBF	3517;FR93283	ISL G 260	260@2200	N/A	N/A	660@1300	N/A	N/A	H02S, PCM, TWC
FCEXH0540LBF	3517;FR93285	ISL G 250	250@2200	N/A	N/A	730@1300	N/A	N/A	H02S, PCM, TWC
FCEXH0540LBF	3517;FR94378	ISL G 320	320@2100	N/A	N/A	1000@1300	N/A	N/A	H02S, PCM, TWC
FCEXH0540LBF	3517;FR94381	ISL G 300	300@2100	N/A	N/A	860@1300	N/A	N/A	H02S, PCM, TWC
FCEXH0540LBF	3517;FR94384	ISL G 280	280@2200	N/A	N/A	900@1300	N/A	N/A	H02S, PCM, TWC
FCEXH0540LBF	3517;FR94387	ISL G 260	260@2200	N/A	N/A	660@1300	N/A	N/A	H02S, PCM, TWC
FCEXH0540LBF	3517;FR94389	ISL G 250	250@2200	N/A	N/A	730@1300	N/A	N/A	H02S, PCM, TWC

TBI, TC, CAC, ECM,
EGR, TWC, H02S

Pursuant to the authority vested in the Air Resources Board by Health and Safety Code Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-14-012;

IT IS ORDERED AND RESOLVED: The engine and emission control systems produced by the manufacturer are certified as described below for use in on-road motor vehicles with a manufacturer's GVWR over 14,000 pounds. Production engines shall be in all material respects the same as those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	ENGINE SIZES (L)	FUEL TYPE ¹	STANDARDS & TEST PROCEDURE	INTENDED SERVICE CLASS ²	ECS & SPECIAL FEATURES ³	DIAGNOSTIC ⁶
2015	FCEXH0540LAV	8.9	Diesel	Diesel	MHDD	DDI, TC, CAC, ECM, EGR, OC, PTOX, SCR-U, AMOX	OBD(\$)
PRIMARY ENGINE'S IDLE EMISSIONS CONTROL ⁵		ADDITIONAL IDLE EMISSIONS CONTROL ⁵					
30g		N/A					
ENGINE (L)		ENGINE MODELS / CODES (rated power, in hp)					
8.9		See Attachment for engine models and ratings					
¹ =not applicable; GVWR=gross vehicle weight rating; 13 CCR xyz=Title 13, California Code of Regulations, Section xyz; 40 CFR 86.abc=Title 40, Code of Federal Regulations, Section 86.abc; l=liter; hp=horsepower; kw=kilowatt; hr=hour; ² CNG/LNG=compressed/liquefied natural gas; LPG=liquefied petroleum gas; E85=85% ethanol fuel; MF=multi fuel a.k.a. BF=bi fuel; DF=dual fuel; FF=flexible fuel; ³ L/M/H HDD=light/medium/heavy heavy-duty diesel; UB=urban bus; HDO=heavy duty Otto; ⁴ ECS=emission control system, TWC/OC=three-way/oxidizing catalyst; NAC=NOx adsorption catalyst; SCR-U / SCR-N=selective catalytic reduction - urea / - ammonia; WU (prefix) =warm-up catalyst; DPF=diesel particulate filter; PTOX=periodic trap oxidizer; HO2S/O2S=heated/oxygen sensor; HAFS/AFS=heated/fair-fuel-ratio sensor (a.k.a., universal or linear oxygen sensor); TBI=throttle body fuel injection; SF/MFI=sequential/multi port fuel injection; DGI=direct gasoline injection; GCARB=gaseous carburetor; IDI/DDI=indirect/direct diesel injection; TC/SC=turbo/super charger; CAC=charge air cooler; EGR / EGR-C=exhaust gas recirculation / cooled EGR; PAIR/AIR=pulsed/secondary air injection; SPL=smoke puff limiter; ECM/PCM=engine/powertrain control module; EM=engine modification; 2 (prefix)=parallel; (2) (suffix)=in series; ⁵ ESS=engine shutdown system (per 13 CCR 1956.8(a)(6)(A)(1); 30g=30 g/hr NOx (per 13 CCR 1956.8(a)(6)(C); APS =internal combustion auxiliary power system; ALT=alternative method (per 13 CCR 1956.8(a)(6)(D); Exempt=exempted per 13 CCR 1956.8(a)(6)(B) or for CNG/LNG fuel systems; N/A=not applicable (e.g., Otto engines and vehicles); ⁶ EMD=engine manufacturer diagnostic system (13 CCR 1971); OBD(F) / (P) / (\$) =full / partial / partial with a line / on-board diagnostic).							

Following are: 1) the FTP exhaust emission standards, or family emission limit(s) as applicable, under 13 CCR 1956.8; 2) the SET and NTE limits under the applicable California exhaust emission standards and test procedures for heavy-duty diesel engines and vehicles (Test Procedures); and 3) the corresponding certification levels, for this engine family. "Diesel" CO, SET and NTE certification compliance may have been demonstrated by the manufacturer as provided under the applicable Test Procedures in lieu of testing. (For flexible- and dual-fueled engines, the CERT values in brackets [] are those when tested on conventional test fuel. For multi-fueled engines, the STD and CERT values for default operation permitted in 13 CCR 1956.8 are in parentheses.).

In g/bhp-hr	NMHC		NOx		NMHC+NOx		CO		PM		HCHO	
	FTP	SET	FTP	SET	FTP	SET	FTP	SET	FTP	SET	FTP	SET
STD	0.14	0.14	0.20	0.20	*	*	15.5	15.5	0.01	0.01	*	*
FEL	*	*	*	*	*	*	*	*	*	*	*	*
CERT	0.01	0.005	0.19	0.15	*	*	0.05	0.00	0.000	0.000	*	*
NTE	0.21		0.30		*		19.4		0.02		*	

⁴ g/bhp-hr=grams per brake horsepower-hour; FTP=Federal Test Procedure; SET=Supplemental emissions testing; NTE=Not-to-Exceed; STD=standard or emission test cap; FEL=family emission limit; CERT=certification level; NMHC/HC=non-methane/hydrocarbon; NOx=oxides of nitrogen; CO=carbon monoxide; PM=particulate matter; HCHO=formaldehyde.

BE IT FURTHER RESOLVED: Certification to the FEL(s) listed above, as applicable, is subject to the following terms, limitations and conditions. The FEL(s) is the emission level declared by the manufacturer and serves in lieu of an emission standard for certification purposes in any averaging, banking, or trading (ABT) programs. It will be used for determining compliance of any engine in this family and compliance with such ABT programs.

BE IT FURTHER RESOLVED: Except in vehicle applications exempted per 13 CCR 1956.8(a)(6)(B), engines in this engine family certified under 13 CCR 1956.8(a)(6)(C) [30 g/hr NOx] and section 35.B.4 of the incorporated "California Exhaust Emissions Standards and Test Procedures for 2004 and Subsequent Model Heavy-Duty Diesel Engines and Vehicles" (HDDE Test Procedures) adopted Dec. 12, 2002, as last amended Apr. 18, 2013, shall be provided with an approved "Certified Clean Idle" label that shall be affixed to the vehicle into which the engine is installed.

BE IT FURTHER RESOLVED: For the listed engine models the manufacturer has submitted the materials to demonstrate certification compliance with 13 CCR 1965 (emission control labels), 13 CCR 1971.1 (on-board diagnostic, full or partial compliance) and 13 CCR 2035 et seq. (emission control warranty).

BE IT FURTHER RESOLVED: That the manufacturer has elected to include engine models in this engine family which are identified for "emergency vehicle use only". These "emergency vehicle use only" engines are exempt from requirements imposed pursuant to California law and the regulations adopted pursuant thereto for motor vehicle pollution control devices per California Vehicle Code Section 27156.2. The manufacturer must clearly label these engines for "emergency vehicle use only" on the engines' emission control label.

BE IT FURTHER RESOLVED: The listed engine models are conditionally certified in accordance with 13 CCR Section 1971.1(k) (deficiency and fines provisions for certification of malfunction and diagnostic system) because the heavy-duty on-board diagnostic (HD OBD) system of the listed engine models has been determined to have six deficiencies. The listed engine models are approved subject to the manufacturer paying a fine of \$175 per engine for the third through sixth deficiencies in the listed engine family that is produced and delivered for sale in California. On a quarterly basis, the manufacturer shall submit to the Air Resources Board reports of the number of engines produced and delivered for sale in California and pay the full fine owed for that quarter pursuant to this conditional certification. Payment shall be made payable to the State Treasurer for deposit in the Air Pollution Control Fund no later than thirty (30) days after the end of each calendar quarter during the 2015 model-year production period. Failure to pay the quarterly fine, in full, in the time provided, may be cause for the Executive Officer to rescind this conditional certification, effective from the start of the quarter in question, in which case all engines covered under this conditional certification for that quarter and all future quarters would be deemed uncertified and subject to a civil penalty of up to \$5000 per engine pursuant to HSC Section 43154.

Engines certified under this Executive Order must conform to all applicable California emission regulations.

The Bureau of Automotive Repair will be notified by copy of this Executive Order.

Executed at El Monte, California on this 15TH day of October 2014.



FOR Annette Hebert, Chief
Emissions Compliance, Automotive Regulations and Science Division

EO#: A-021-0623

Attachment: Page 1 of 4

10-9-2014

Engine Model Summary Template

Engine Family	1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesel only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Devices Per SAE J1930
FCEXH0540LAV	3663;FR93434	ISL9 450	450@2100	233	165	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	3663;FR93435	ISL9 400	400@2100	199	141	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	3663;FR93931	ISL9 380	365@21	184	130	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	3663;FR93437	ISL9 370	365@2100	184	130	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	3663;FR93442	ISL9 380	352@2200	171	127	1150@1400	222	105	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93438	ISL9 345	330@2100	161	114	1150@1400	214	101	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93443	ISL9 350	320@2200	154	114	1000@1400	191	90	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93444	ISL9 330	320@2200	154	114	1000@1400	191	90	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93445	ISL9 300	285@2200	137	102	860@1300	164	72	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93446	ISL9 270	260@2200	125	93	800@1300	155	68	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93577	ISL9 260	260@2200	125	93	720@1300	144	63	SCRC, PTOX, PC
FCEXH0540LAV	3663;FR93434	PX-9 450	450@2100	233	165	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	3663;FR93435	PX-9 400	400@2100	199	141	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	3663;FR93931	PX-9 380	365@2100	184	130	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	3663;FR93437	PX-9 370	365@2100	184	130	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	3663;FR93442	PX-9 380	352@2200	171	127	1150@1400	222	105	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93438	PX-9 345	330@2100	161	114	1150@1400	214	101	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93443	PX-9 350	320@2200	154	114	1000@1400	191	90	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93444	PX-9 330	320@2200	154	114	1000@1400	191	90	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93445	PX-9 300	285@2200	137	102	860@1300	164	72	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93446	PX-9 270	260@2200	125	93	800@1300	155	68	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93577	PX-9 260	260@2200	125	93	720@1300	144	63	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94673	ISL9 450	450@2100	233	165	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94674	ISL9 400	400@2100	199	141	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94685	ISL9 380	365@21	184	130	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94675	ISL9 370	365@2100	184	130	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94672	ISL9 380	352@2200	171	127	1150@1400	222	105	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94676	ISL9 345	330@2100	161	114	1150@1400	214	101	SCRC, PTOX, PC

DDI, TC, CAC, ECM
EGR, OC, PTOX, SCR-4,
Amox

EOH: A-021-0623

Attachment: Page 2 of 4

10-9-2014

Engine Model Summary Template

Engine Family	1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
FCEXH0540LAV	4525;FR94680	ISL9 350	320@2200	154	114	1000@1400	191	90	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94681	ISL9 330	320@2200	154	114	1000@1400	191	90	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94682	ISL9 300	285@2200	137	102	860@1300	164	72	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94683	ISL9 270	260@2200	125	93	800@1300	155	68	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94684	ISL9 260	260@2200	125	93	720@1300	144	63	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94673	PX-9 450	450@2100	233	165	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94674	PX-9 400	400@2100	199	141	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94685	PX-9 380	365@2100	184	130	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94675	PX-9 370	365@2100	184	130	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94672	PX-9 380	352@2200	171	127	1150@1400	222	105	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94676	PX-9 345	330@2100	161	114	1150@1400	214	101	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94680	PX-9 350	320@2200	154	114	1000@1400	191	90	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94681	PX-9 330	320@2200	154	114	1000@1400	191	90	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94682	PX-9 300	285@2200	137	102	860@1300	164	72	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94683	PX-9 270	260@2200	125	93	800@1300	155	68	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94684	PX-9 260	260@2200	125	93	720@1300	144	63	SCRC, PTOX, PC
FCEXH0540LAV									
FCEXH0540LAV	Emergency	Vehicle	Ratings	Below					
FCEXH0540LAV	3663;FR93434	ISL9 450 EV	450@2100	233	165	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	3663;FR93435	ISL9 400 EV	400@2100	199	141	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	3663;FR93931	ISL9 380 EV	365@2100	184	130	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	3663;FR93437	ISL9 370 EV	365@2100	184	130	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	3663;FR93442	ISL9 380 EV	352@2200	171	127	1150@1400	222	105	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93438	ISL9 345 EV	330@2100	161	114	1150@1400	214	101	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93443	ISL9 350 EV	320@2200	154	114	1000@1400	191	90	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93444	ISL9 330 EV	320@2200	154	114	1000@1400	191	90	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93445	ISL9 300 EV	285@2200	137	102	860@1300	164	72	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93446	ISL9 270 EV	260@2200	125	93	800@1300	155	68	SCRC, PTOX, PC

DDI, PTOX, ECU,
EGR, OC, TCI, CAC
SCR-U, Amox

EO#: A-021-0623

AH submitted: Page 3 of 4

10-9-2014

Engine Model Summary Template

Engine Family	1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
FCEXH0540LAV	3663;FR93434	PX-9 450	450@2100	233	165	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	3663;FR93435	PX-9 400	400@2100	199	141	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	3663;FR93931	PX-9 380	365@2100	184	130	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	3663;FR93437	PX-9 370	365@2100	184	130	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	3663;FR93442	PX-9 380	352@2200	171	127	1150@1400	222	105	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93438	PX-9 345	330@2100	161	114	1150@1400	214	101	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93443	PX-9 350	320@2200	154	114	1000@1400	191	90	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93444	PX-9 330	320@2200	154	114	1000@1400	191	90	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93445	PX-9 300	285@2200	137	102	860@1300	164	72	SCRC, PTOX, PC
FCEXH0540LAV	3664;FR93446	PX-9 270	260@2200	125	93	800@1300	155	68	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94673	ISL9 450 EV	450@2100	233	165	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94674	ISL9 400 EV	400@2100	199	141	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94685	ISL9 380 EV	365@2100	184	130	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94675	ISL9 370 EV	365@2100	184	130	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94672	ISL9 380 EV	352@2200	171	127	1150@1400	222	105	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94676	ISL9 345 EV	330@2100	161	114	1150@1400	214	101	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94680	ISL9 350 EV	320@2200	154	114	1000@1400	191	90	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94681	ISL9 330 EV	320@2200	154	114	1000@1400	191	90	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94682	ISL9 300 EV	285@2200	137	102	860@1300	164	72	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94683	ISL9 270 EV	260@2200	125	93	800@1300	155	68	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94673	PX-9 450	450@2100	233	165	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94674	PX-9 400	400@2100	199	141	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94685	PX-9 380	365@2100	184	130	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94675	PX-9 370	365@2100	184	130	1250@1400	239	113	SCRC, PTOX, PC
FCEXH0540LAV	4524;FR94672	PX-9 380	352@2200	171	127	1150@1400	222	105	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94676	PX-9 345	330@2100	161	114	1150@1400	214	101	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94680	PX-9 350	320@2200	154	114	1000@1400	191	90	SCRC, PTOX, PC
FCEXH0540LAV	4525;FR94681	PX-9 330	320@2200	154	114	1000@1400	191	90	SCRC, PTOX, PC

DDI, TC, CAC, ECM,
EGR, PTOX, OC,
SCR-4, Arox

10-9-2014

Attachment: Page 4 of 4

EO#: A-021-0623

Engine Model Summary Template

Engine Family	1.Engine Code	2.Engine Model	3.BHP@RPM (SAE Gross)	4.Fuel Rate: mm/stroke @ peak HP (for diesel only)	5.Fuel Rate: (lbs/hr) @ peak HP (for diesels only)	6.Torque @ RPM (SEA Gross)	7.Fuel Rate: mm/stroke@peak torque	8.Fuel Rate: (lbs/hr)@peak torque	9.Emission Control Device Per SAE J1930
FCEXH0540LAV	4525;FR94682	PX-9 300	285@2200	137	102	860@1300	164	72	SCR, PTOX, PC
FCEXH0540LAV	4525;FR94683	PX-9 270	260@2200	125	93	800@1300	155	68	SCR, PTOX, PC
FCEXH0540LAV									

↓
DDE, TC, CAC, EGR
ECM, OC, PTOX,
SCR-4, Amox



Chassis Warranty Statement

CRANE CARRIER COMPANY ("Manufacturer") warrants each new Crane Carrier sold by it or any of its authorized distributors to be free from defects in material or workmanship under normal use, and in Crane Carrier Company approved service, as follows: Its obligation under this warranty is limited to the repairing or replacing, as hereinafter provided, at its option, any part or parts of said carrier found to the Manufacturer's satisfaction to be defective upon examination by the Manufacturer, provided that such part or parts shall be returned freight prepaid to the Manufacturer's factory upon request and providing:

1. Such parts are other than Major Component Parts, and have failed within twelve (12) months or 12,000 miles or 2,000 hours, whichever first occurs after delivery of such carrier,
- or
2. Such parts are Major Component Parts that have failed within the time and mileage period after delivery specified in the Major Components Parts Warranty Schedule.

The repair or replacement of defective parts other than Major Component Parts will be made without charge for parts or labor when made at a Crane Carrier authorized Warranty Repair Station. Before any claim for the cost of replacement parts installed elsewhere than at an authorized Warranty Repair Station may be made under this warranty, prior notification of the need for the repairs must be given to the Manufacturer's Service Department in Tulsa, Oklahoma, and prior approval given by said Service Department. The repair or replacement of Major Component Parts will be made in accordance with the Major Component Warranty Schedule herein. The term "Major Component Parts," as used above, means clutches, (except facings), steering gears, radiators, frame rails and cross members. The Warranty shall not apply to any carrier which has been subjected to misuse, negligence, accident, or which shall have been altered or repaired outside the factory, without prior Factory Service Department approval, which alteration or repair in the Manufacturer's judgment, affected the carrier's stability or reliability. Nor does it apply to normal maintenance services (such as engine tune-up, fuel system cleaning, adjustments, wheel alignment and balancing, brake and clutch adjustments) or the replacement of service items (filter elements, fluids or lubricants, and friction facings) made in connection with such maintenance services.

The Manufacturer makes no warranty whatever with respect to engines, transmissions, axles, tires, starting devices, alternators, batteries, power take-offs, hoists, mixers, bodies, winches or other such trade accessories by other manufacturers, and passes on to the purchaser any and all separate warranties made by the respective manufacturers thereof.

THIS WARRANTY IS MADE EXPRESSLY IN LIEU OF ANY OTHER WARRANTIES EXPRESSED OR IMPLIED, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, AND OF ANY OTHER OBLIGATION OR LIABILITY ON THE PART OF THE MANUFACTURER. MANUFACTURER SHALL IN NO EVENT BE LIABLE FOR CONSEQUENTIAL DAMAGES. THE MANUFACTURER NEITHER ASSUMES NOR AUTHORIZES ANY PERSON TO ASSUME FOR IT ANY OTHER LIABILITY IN CONNECTION WITH THE SALE OF A NEW CRANE CARRIER. THE WARRANTY SHALL NOT APPLY TO USED CARRIERS IN ANY WAY.

Exclusion of Design Improvements

Crane Carrier Company has a continuous testing, evaluation and design improvement program which periodically results in design changes and improvements. Crane Carrier Company reserves the right to make design changes or improvements without imposing any obligation to install these changes on the carrier vehicles previously delivered.

Engine and Transmission Controls and Settings

You are cautioned about the hazards of tampering with the engine controls, transmission controls, and related systems in your new carrier, as such tampering is a violation of Federal and State laws. The Manufacturer's standard specifications are set to meet current emission laws. In the event that engine controls/settings, transmission controls/settings, or related systems are changed or required emission decals are removed, you may be subject to legal penalties and denial of warranty coverage as provided in each manufacturer's warranty. Your new Crane Carrier has been built with components such as engines, transmissions and axles which have been manufactured by suppliers for Crane Carrier Company. You have the assurance of Crane Carrier Company, as a carrier vehicle manufacturer, that the design and installation of these components and their related combinations have been thoroughly reviewed and approved by each component manufacturer.



In-Service Inspection

The new Crane Carrier just delivered to you has been thoroughly inspected and adjusted by the Crane Carrier Factory prior to shipment. To assure your complete satisfaction and long life of your new carrier a Pre-Delivery In-Service Inspection is required, that will be performed by your Crane Carrier Distributor. Any other arrangements for a Pre-Delivery In-Service Inspection must be pre-approved and authorized by the Crane Carrier Service Department. The Pre-Delivery In-Service Inspection will be performed for you at no charge to you.

After Completion of the "Pre-Delivery In-Service Inspection"

Your new carrier should be inspected daily by the operator and monthly by service technicians as outlined in the Crane Carrier Company Operation and Maintenance Manual to assure reliable service and to protect your warranty coverage. Crane Carriers are designed to give a long life of reliable service when operated properly and recommended maintenance schedules are followed. The life of vehicle components is directly dependent upon correct operation and timely maintenance inspections tailored to the work environment of your carrier. The recommended operating procedures are covered in the Operation and Maintenance Manual. If you have not received an Operation and Maintenance Manual with your new carrier, please contact the Crane Carrier Company Service Department. Service and Parts Manuals are provided for each carrier and should be received within six weeks of receiving the new carrier. It is the owners responsibility to fill out, sign and return the Warranty Registration card found on the inside back cover of the Warranty Registration booklet within 30 days receipt of the carrier. The registration card is pre-addressed and pre-paid postage is provided for your convenience. Failure to return the warranty registration card within 30 days will cause the warranty to start automatically 60 days from the date of shipment from Crane Carrier Company.

Items Not Covered by Warranty

Changes in adjustment resulting from normal use. This includes brakes and clutches, drive belts, wheel balance and axle alignment, clamps and controls.

- Changes in adjustment resulting from normal use. This includes brakes, drive belts, wheel balance, clamps and controls.
- Brake and clutch lining replacement for normal wear or noise.
- Bulbs, fuses, mud flaps, reflectors or wiper blades.
- Vibration, squeaks, fitting and hose leaks, unusual noises, loose bolts and hose and electrical connections are the result of use and are not warrantable after 90 days from date carrier is delivered by Crane Carrier.
- Wear out determined by manufacturer to not be premature.
- Damage from improper cleaning, storage or atmospheric contamination.
- Deterioration of cab trim or paint including chipping or fading.
- Required maintenance and maintenance items.
- Downtime and driver layover expense or other downtime liabilities.
- Filter elements, including oil, fuel and water conditioner.
- Contamination in the air, hydraulic or fuel systems.
- Oil and grease for refill or make-up.
- Premium transportation costs for obtaining replacement parts.
- Telephone, telegraph, teletype and other communication expense.
- Carrier towing charges or road service charges.
- Unauthorized repairs (When Field Service Representative is not available, contact the Crane Carrier Salesman, Distributor, or the Crane Carrier Service Department).

Noise Emissions Warranty

Crane Carrier Company warrants to the first person who purchases this vehicle for purposes other than resale and to each subsequent purchaser that this vehicle as manufactured by Crane Carrier Company, was designed, built and equipped to conform at the time it left Crane Carrier Company's control with all applicable U.S. EPA noise control regulations.

This warranty covers the vehicle as designed, built and equipped by Crane Carrier Company, and is not limited to any particular part, component or system of the vehicle manufactured by Crane Carrier Company. Defects in the design, assembly or in any part, component, or system of the vehicle as manufactured by Crane Carrier Company, which, at the time it left Crane Carrier Company's control, caused noise emissions to exceed Federal standards, are covered by this warranty for the life of this vehicle.



CCC STANDARD WARRANTY COVERAGE OF REFUSE PRODUCTS

Vehicle Coverage		Warranty Limitations (Time, Mileage or Hours, Whichever Comes First)			Percent Of Repair Paid By Owner
		Time (Months)	Mileage	Hours	
Basic Coverage		0-12	12,000	2,000	No Charge
Frame Rails and Crossmembers		0-36	0-30,000	Unlimited	0
		37-48	30,001-50,000		25
		49-60	50,001-75,000		50
		49-60	75,001-100,000		75
		Over 60	Over 100,000		100
Steering, Radiator, Drivelines, Major Fabrications and Cab Sheet Metal		0-12	0-12,000	Unlimited	0
		0-12	12,001-30,000		25
		0-12	30,001-40,000		50
		0-12	40,001-50,000		75
		0-12	Over 50,000		100
ISB6.7		24	Unlimited	Unlimited	No Charge
ISL9, ISX12, ISL G, ISX12 G		24	250,000	6,250	No Charge
(Warranty thru Cummins)					
Allison	2500 RDS, 3000 RDS, 3500 RDS, 4000 RDS, 4500 RDS (Warranty thru Allison)	36	Unlimited	Unlimited	No Charge
Bendix	ABS	36	350,000	10,800	Parts Only After 12 Months
	Air Dryer	12	100,000	3,600	
	Automatic Slack Adjusters (Parts Only)	24	200,000	7,200	
	Spring Brake Chambers	12	100,000	3,600	
	S Cam Brakes	36	Unlimited	10,800	
	Brake Friction Material	12	12,000	360	
Dana-Spicer	Non-Driving Steering Axles: E-1322, E-1462, D2000	24	Unlimited	Unlimited	No Charge
	Single Drive Axles: S23-190, S26-190 S30-190	24	Unlimited	Unlimited	No Charge
	Tandem Drive Axles: DSH44(P), D46-170(P)	36	Unlimited	Unlimited	No Charge
	DS405(P), DT463P, D52-190P, D52-590P	24	Unlimited	Unlimited	No Charge
Meritor	Steer Axle FL941	24	Unlimited	Unlimited	No Charge
	Single Drive Axles: RS-23-186, RS-26-185, RS-30-185	24	Unlimited	Unlimited	No Charge
	Tandem Drive Axles: RT-40-160P, RT-46-160P	24	Unlimited	Unlimited	No Charge
	ABS	36	300,000	Unlimited	No Charge
	Brakes	12	Unlimited	Unlimited	Parts Only
Paint, Piping, Exhaust Systems, Air Cleaner System and Wiring		0-12	0-12,000	Unlimited	0
		0-12	12,001-15,000		25
		0-12	15,001-20,000		50
		0-12	20,001-25,000		75
		0-12	Over 25,000		100

CCC 12-MONTH WARRANTY, Unlimited Mileage / Unlimited Hours ILS \$ 350

LOS ANGELES FREIGHTLINER

www.lafreightliner.com

April 10, 2015

City of San Diego

Purchasing & Contracting Department

1200 Third Avenue, Suite 200

San Diego, CA. 92101-4195

Re: Solicitation No: 10054780-15-R

To Purchasing & Contract Division,

In respect to Solicitation Number 10054780-15-R to furnish the City of San Diego with Rear Loading Refuse Packers we appreciate the opportunity to participate in this bid opportunity. We would also like to offer to the City of San Diego options to this solicitation that are not part of the specification but may be of interest and benefit to the City of San Diego.

OPTION A TRANSMISSION:

Allison 3000RDS 6 Speed Transmission -

DEDUCT - \$6,375.00

OPTION B EXTENDED WARRANTY:

1. Cummins ISL9 Plan 1 –

3 Years / 100,000 Miles

ADD - \$1,550.00

5 Years / 200,000 Miles

ADD - \$3,750.00

2. Cummins ISL9 G Plan 1 -

3 Years / 100,000 Miles

ADD - \$1,550.00

5 Years / 200,000 Miles

ADD - \$5,150.00

3. Allison 4500RDS Transmission –

Standard Warranty 3 Years + 2 Years Extended = 5 Years Total

ADD - \$982.00

OPTION C NEW WAY REAR LOADING BODY:

1. 18 Cubic Yard Model 18 RL -

ADD - \$0.00

2. 20 Cubic Yard Model 20 RL -

ADD - \$550.00

3. 25 Cubic Yard Model 25 RL -

ADD - \$1,250.00



OPTION C NEW WAY REAR LOADING BODY

NEW WAY Rearloading Refuse Collection Truck Body

SCOPE: It is the intent of this specification to describe a hydraulically actuated packer body of the rearloading type with the following minimum specifications considered necessary to perform the work assigned. The body shall be capable of compacting and transporting refuse to a landfill or transfer station and dispensing the load by means of hydraulic ejection. The body shall not be required to be tilted, lifted, or otherwise displaced from the chassis in order to eject the load.

GENERAL: All equipment furnished under this contract shall be new and unused, and the same as the manufacturers current production model. Accessories not specifically mentioned, but necessary to furnish a complete unit ready for use shall also be included. The equipment furnished shall conform to all ANSI Safety Standards A245.1-1984.

SUGGESTED SPECIFICATIONS

YES

A. Capacity

1. The body shall have a minimum capacity of:

- 18 Cubic Yards
- 20 Cubic Yards
- 25 Cubic Yards

2. The body shall have an average compaction rate up to 750 - 850 pounds per cubic yard

B. Body dimensions

1. Maximum overall width not to exceed 96".
2. Maximum overall length and height (*with tailgate in locked position*) above the chassis frame not to exceed:

Capacity	Length	Height	CA (cab to axle)
18 Cu./Yd.	227.5	83"	120"
20 Cu./Yd.	244.5"	83"	138"
25 Cu./Yd.	270.5"	93.5"	156" CT

NEW WAY Rearloading Refuse collection Truck Body
(continued)

YES

D. TAILGATE DIMENSIONS

Hopper opening width shall not be less than 74".

Hopper capacity for 16-25 yard shall not be less than 3 yards
Hopper cycle time with the standard PTO and pump
shall not exceed an average of 25-27 seconds.

E. TAILGATE CONSTRUCTION

1. Tailgate sides shall be constructed of a minimum of
10 gauge high tensile sheet steel.

2. Tailgate sides shall be reinforced by 1 3/4" x 4" bracing
constructed of 7 gauge formed steel and fully welded in
a horizontal position for maximum support.

3. The slide blade guide track shall be constructed of
1/2" x 2 1/2" AR400 steel reinforced by formed 1/4" high
tensile steel.

4. The tailgate shall be equipped with an automatic
hydraulic locking system with a pilot check valve to
ensure constant pressure for a tight seal.

5. The tailgate shall be raised by two 3 1/2" x 24" double
acting cylinders equipped with clevis ends and restrictors
to prevent precipitous tailgate decent in the event of a
broken hydraulic line.

6. The tailgate perimeter edge shall be reinforced by 2" x 2"
structural tube steel.

7. Tailgate shall be equipped with a chemically inert seal
to provide a watertight seal.

8. Hopper floor shall remain stationary during the packing
cycle and shall be equipped with a 1 1/2" drain plug.

9. Hopper floor shall be a minimum of 1/4" high tensile
sheet adequately braced to withstand maximum
pressures imposed upon it. Hopper back 1/4" T-1
steel.

10. The hopper load sill shall be constructed from a 3/8"
plate and be even with the chassis frame height

11. Self cleaning grip strut steps and grab handles shall
be required on both sides of the tailgate.

NEW WAY Rearloading Refuse collection Truck Body
(continued)

YES

F. PACKING MECHANISM CONSTRUCTION

1. The sweep blade shall be of the backhoe packing type, and designed to have a minimum clearance to thoroughly clean the hopper bottom during cycling.
2. The sweep blade face plate shall be constructed of 1/4" high strength sheet steel and shall be reinforced with internal and lateral braces constructed of 3/8" - 6" x 6" angle.
3. The sweep blade shall be powered by two 5" x 16" double acting cylinders equipped with bronze bushings.
4. The slide blade face plate shall be constructed of 1/4" high strength sheet steel.
5. The slide blade shall be powered by two 4" x 36" double acting cylinders.
6. The linear slide movement of the blade shall be accomplished on two 4 1/2" x 2 1/4" x 24" high density UHMW guide bearing blocks.
7. The pivotal rotation of the sweep blade shall be accomplished through the sweep blade pivot pins which shall consist of two 2" diameter steel stress proof pins.
8. Both ends of the pivot shaft shall be equipped with bronze bushings.

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

G. EJECTION BLADE CONSTRUCTION

1. Ejection blade 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 blade face plate shall be constructed of 10 gauge 50,000 psi sheet steel and reinforced with trapezoidal crossmembers of high 3" x 3" and 4" x 4" structural tube.
4. The ejection blade shall slide in an 8" channel sill on four high density UHMW slide bearing blocks.

_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

NEW WAY Rearloading Refuse collection Truck Body
(continued)

YES

K. PAINT

1. The body shall be properly cleaned of all dirt, oil, and welding slag. Gray Dupont Corlor, lead-free primer with rust inhibitors shall be applied.

2. Dupont Imron 5000 shall be applied.

Specify paint code: _____

Specify paint color: _____

L. MOUNTING

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

M. WARRANTY

1. Manufacturer's limited warranty shall apply for a period of one year for body and two years for cylinders after date of acceptance of the unit.

N. OPTIONAL EQUIPMENT

Hopper Lights (*insert into electrical if desired*). Two white lamps shall be mounted on the upper half of the tailgate. The lights shall be capable of illuminating the hopper of the tailgate. The lights will be activated by a switch in the cab of the chassis.

Strobe Light (*insert into electrical if desired*). A strobe light shall be mounted on the upper half of the tailgate. The light shall be activated by a switch located inside the cab of the chassis.

Hydraulic Kick Bar - A device to lift and dump a commercial container, including trunnion locks to lock container into position, shall be supplied along with all associated hydraulic components.

NO CHARGE _____

Cart Flipper - A device capable of dumping two wheel carts shall be attached to the rear of the tailgate. All associated hydraulic components shall also be supplied.

PER OPTION PG 24
PERKINS TIPPER

NEW WAY Rearloading Refuse collection Truck Body
(continued)

YES

- | | | | |
|--|-------|-------|-------|
| 5. The hydraulic system shall incorporate a relief valve and a hydraulic pressure gauge to protect all components from excess pressures. | _____ | _____ | _____ |
| 6. All hydraulic hoses shall conform to S.A.E. Standards. No flat spots in hoses will be acceptable. | _____ | _____ | _____ |
| 7. Hydraulic tank shall not be less than 40 gallons and must be equipped with a sight and temperature gauge. The tank shall be located inside the body. | _____ | _____ | _____ |
| 8. A replaceable 10 micron in tank immersed filter with by-pass valve and visual indicator shall be furnished in the return line of hydraulic system. | _____ | _____ | _____ |
| 9. A shut-off valve shall be mounted on the suction line near the oil tank. | _____ | _____ | _____ |
| 10. All cylinder rods shall be chrome plated. | _____ | _____ | _____ |
| 11. 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. | _____ | _____ | _____ |
| 12. All cylinder rod end pin lugs shall be inertia welded to the cylinder rod. | _____ | _____ | _____ |
| J. ELECTRICAL | | | |
| 1. All body wiring shall be loomed and/or in conduit with heat shrunk connectors. | _____ | _____ | _____ |
| 2. The body shall be equipped with approved clearance, warning, tail, license, stop and turn signals in compliance with the national safety standards. | _____ | _____ | _____ |
| 3. The body shall be equipped with an external audio back up alarm activated when the chassis is in reverse. | _____ | _____ | _____ |
| 4. Driver alert buzzer shall be installed at the rear of the tailgate located by the packing controls. | _____ | _____ | _____ |
| 5. 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. | _____ | _____ | _____ |
| 6. A light bar shall be mounted on the upper section of the tailgate and consist of stop, turn and three clearance lights, in accordance to the national safety standards. | _____ | _____ | _____ |

NEW WAY Rearloading Refuse collection Truck Body
(continued)

YES

5. The telescopic cylinder shall be horizontally positioned & consist of the following dimensional characteristics:

Capacity	Stage	Bore
----------	-------	------

18 Cu./Yd.	4 Stage	6.5"
------------	---------	------

20 Cu./Yd.	4 Stage	6.5"
------------	---------	------

25 Cu./Yd	4 Stage	6.5"
-----------	---------	------

6. No clamping cylinder or clamping mechanism shall be required.

H. CONTROLS

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

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 blade 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.

6. The packing blade control shall be a two handle design and located at the rear of the tailgate on the curbside.

I. HYDRAULIC SYSTEM

1. A power takeoff/pump combination shall be used to power the hydraulic system.

2. All hydraulic valving shall be mechanically operated and use direct link controls.

3. The hydraulic pump shall provide a delivery of 25 GPM at 1200 RPM.

4. Normal maximum operating pressures shall not exceed 2200 PSI.



COBRA™

The New Way™ Cobra™ is the contractor's choice with its outstanding composition in a lightweight 20 yd³ body. Add in the Cobra's large 3 yd³ hopper, available in 9 to 25 yd³ capacities, a variety of container handling options, and you'll understand why the Cobra™ is setting the standard in the industry.



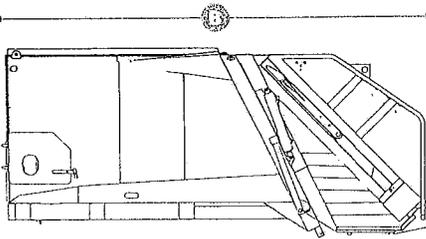
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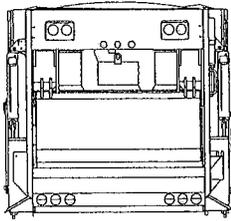
COBRA SPECIFICATIONS

GENERAL SPECIFICATIONS (STANDARD)



Model	9 RL	11 RL	13 RL	16 RL	18 RL	20 RL	25 RL
Body Capacity	9 yd ³	11 yd ³	13 yd ³	16 yd ³	18 yd ³	20 yd ³	25 yd ³
Body Width (A)	82"	96"	96"	96"	96"	96"	96"
Body Length (B)	191.5"	191.5"	209.5"	212.5"	227"	244.5"	270"
Body Height (C)	71"	71"	71"	83"	83"	83"	94"
*Approx. Body Weight	9,290 lbs.	9,650 lbs.	10,012 lbs.	10,323 lbs.	10,760 lbs.	11,227 lbs.	12,200 lbs.
Hopper Capacity	2 yd ³	2.5 yd ³	2.5 yd ³	3 yd ³	3 yd ³	3 yd ³	3 yd ³
Hopper Opening Width	60"	74"	74"	74"	74"	74"	74"
Hopper Load Height	Frame	Frame	Frame	Frame	Frame	Frame	Frame
Hopper Cycle Time (sec)	26-30	26-30	26-30	26-30	26-30	26-30	26-30

HYDRAULIC CYLINDER SPECIFICATIONS (STANDARD)



Model	9 RL	11 RL	13 RL	16 RL	18 RL	20 RL	25 RL
Slide Cylinders (2)	4"	4"	4"	4.5"	4.5"	4.5"	4.5"
Sweep Cylinders (2 Each)	5"	5"	5"	5"	5"	5"	5"
Tailgate Cylinders (2 Each)	3.5"	3.5"	3.5"	4"	4"	4"	4"
Ejection Cylinder (Telescopic)	3 Stage 5.5"	3 Stage 5.5"	4 Stage 6.5"				

MINIMUM CHASSIS SPECIFICATIONS (STANDARD)

Model	9 RL	11 RL	13 RL	16 RL	18 RL	20 RL	25 RL
**Minimum GVWR	23,000 lbs.	27,500 lbs.	29,000 lbs.	31,000 lbs.	33,000 lbs.	33,000 lbs.	56,000 lbs.
Recommended Cab	84"	84"	102"	112"	120"	138"	156"

*Approximate Body Weight empty and exclusive of options

**Any Chassis sent to Scranton Manufacturing with less than the minimum guideline requirements will not be mounted.
(Chassis must be capable of carrying the net weight of the body plus the weight of the refuse collected.)

BODY CONSTRUCTION (High Tensile Steel)

- Roof	10 GA	80K GR
- Sides	10 GA	80K GR
- Floor (sides)	10 GA	80K GR
- Floor (center)	1/4"	50K GR
- Ejection Panel	10 GA	50K GR
- Sweep Panel	1/4"	50K GR
- Tailgate (upper)	10 GA	50K GR
- Tailgate (lower)	7 GA	50K GR
- Hopper Floor (back)	1/4"	100K GR
- Slide Panel	7 GA	50K GR
- Hopper Floor	1/4"	50K GR

HYDRAULIC SYSTEMS

	US	Metric
- Oil Reservoir	40-45 gal	151-170 L
- Min. Accept. Oil Flow	20 GPM	76 LPM
- Oil Flow w/std Pump	29 GPM	110 GPM
- Max. Oper. Pressure	2,000 PSI	13,790 KPA

All models and specifications subject to change.
Visit us online at newwaytrucks.com for the latest updates.

HYDRAULIC SYSTEMS (Cont.)

- Engine RPM for STD GPM 1,200-1,500
- Hydraulic Hoses 4 to 1 Burst
- Hydraulic Filter 10 micron

STANDARD EQUIPMENT

- Semi Automatic Cycling
- Auto Back Pack
- Accelerator Kit
- Auto-Lock Tailgate
- Back Up Alarm
- All LED Lights
- Hydraulic Tank Temperature Gauge
- Right Side Hydraulic Tank Access Port
- ICC Lights and Reflectors
- Sight Gauge on Oil Tank
- Oil Pressure Gauge
- Chrome Cylinders
- Side Access Door
- Driver Alert Buzzer
- Tailgate Ajar Indicator
- Light Bar
- Bolt on Steps on Rear
- Prime Paint
- Pump
- Color Rear Vision Camera System

OPTIONAL EQUIPMENT

- Special Lighting
- PTO
- Finish Paint-Imron Elite
- Container Lifts
- Pack of idle
- Hopper Liners
- Magnum Steel Package
- Scale System
- CNG Powered



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CITY OF SAN DIEGO
PURCHASING & CONTRACTING DEPARTMENT
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195

INVITATION TO BID (ITB)/CONTRACT (COVER SHEET)

Services: Furnish the City of San Diego with Rear Loading Refuse Packers
Solicitation Number: 10054780-15-R
Solicitation Issue Date: February 11, 2015
Bid Due Date and Time (Closing Date): 3:00 p.m. Pacific Time on March 16, 2015
Contract Term: As may be required for a period of five (5) years from Effective Date, as defined in General Contract Terms and Provisions
City Contact: Raymond Vestri, 619 236-6134, Rvestri@sandiego.gov
Mandatory Pre-Bid Conference: February 24, 2015 @ 1:00 P.M. at 1200 Third Avenue, Suite 200, Large Conference Room, San Diego, CA 92101

Mandatory Site Inspection: WILL NOT BE REQUIRED

Questions and Comments Due: No later than February 27, 2015 at 5:00 p.m. Pacific Time.

The City's Standard Payment Terms are Net 30 Days. Bidders may offer other payment terms (e.g., 2% 20 days) but such terms will not be considered in making the award decision. If different terms are offered, the City retains the option of making payment(s) based on these terms.

State delivery time: _____ days after receipt of order. Discounted terms offered: _____% _____ Days.

Duration of Offer: By submitting a bid, the bidder guarantees that the offer is firm for ninety (90) calendar days commencing the day following the Closing Date. Bidder agrees to accept a resulting contract subject to the terms and conditions stated herein. If an award is not made during that period, bidder's offer shall automatically extend for another ninety (90) calendar days unless the bidder indicates otherwise in writing thirty (30) calendar days prior to the end of the first ninety (90) calendar day period to the City Contact.

Bidder_____

Street Address_____

City_____

Telephone No._____

E-Mail_____

IF BIDDER'S OFFER IS ACCEPTED BY THE CITY, THIS IS THE CONTRACT. Bidder is required to sign this document and return three (3) originals and two (2) copies of their bid in sealed envelopes or cartons to the City Contact. Bidders shall also include an electronic copy of their bid. Bidder agrees to furnish and deliver all goods and/or provide all services set forth or otherwise identified above subject to the terms and conditions specified herein. An original signature below is required. By signing below, the signer declares under penalty of perjury that she/he is authorized to sign this document and bind the bidder to the terms of this Contract.

Signature of Bidder's Authorized Representative

Signature of the City of San Diego Purchasing Agent

Approved as to Form City Attorney

Print Name

Print Name

Print Name

Title

Title

Title

Signature

Signature

Signature

Date

Date

Date

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I. INSTRUCTIONS AND BID REQUIREMENTS

A. BID SUBMISSION

1. Timely Bid Submittal. Bids must be submitted as described herein in a sealed envelope to the Purchasing & Contracting Department (P&C) located at 1200 Third Avenue, Suite 200, San Diego, CA 92101. The Solicitation Number and Closing Date must be referenced in the lower left-hand corner of the outside of the envelope.

1.1 Bid Due Date. Bids must be received by the P&C reception desk prior to the Closing Date indicated on the Cover Sheet. Faxed bids will not be accepted. The City may consider a bid that was mailed before the Closing Date if the City finds that acceptance of the bid is in the City's best interests and there is no possibility of collusion or fraud in the procurement process.

1.2 Pre-Bid Conference. Pre-bid conference information is noted on the ITB's Cover Sheet.

1.2.1 Reserved.

1.2.2 Bidders are required to attend the pre-bid conference. Bidder's failure to attend will result in disqualification.

1.3 Site Inspection. No site inspection will be held for ITB.

1.3.1 Reserved.

1.3.2 Reserved.

1.4 Questions and Comments. Written questions and comments must be electronically mailed (e-mailed) to the City Contact identified on the Cover Sheet no later than the date specified on the Cover Sheet. Only written communications relative to the procurement shall be considered. E-mail is the only acceptable method for submission of questions. It is incumbent upon bidders to verify that the City has received their questions and/or comments. All questions will be answered in writing. The City will distribute questions and answers without identification of the inquirer(s) to all bidders who are on record as having received this ITB. No oral communications can be relied upon for this ITB. Addenda will be issued addressing questions or comments that are determined by the City to cause a change to any part of this ITB.

1.5 Contact with City Staff. Unless otherwise authorized herein, bidders who are considering submitting a bid in response to this ITB, or who submit a bid in response to this ITB, are prohibited from communicating with City staff or evaluation committee members about this ITB from the date this ITB is issued until a contract is awarded.

2. Submission of Information and Forms. Bidders shall submit the following completed forms and provide the following information with their bids:

- 2.1 The completed and executed Cover Sheet
- 2.2 Exceptions requested by bidder, if any. If a bidder requests an exception, or exceptions, to the Specifications or the City's Contract, including the City's General Contract Terms and Provisions, the bidder must present written factual or legal justification for the request. Any exceptions to the Contract that have not been accepted by the City in writing are deemed rejected. The City, in its sole discretion, may accept some or all of bidder's exceptions, reject bidder's exceptions and deem the bid non-responsive, or award the Contract without bidder's proposed exceptions.
- 2.3 The Contractor Standards Pledge of Compliance Form
- 2.4 Equal Opportunity Contracting forms including the Work Force Report and Contractors Certification of Pending Actions
- 2.5 Reserved
- 2.6 Reserved
- 2.7 Reserved
- 2.8 Reserved
- 2.9 Reserved
- 2.10 Equal Benefits Ordinance (EBO) Certification of Compliance.

3. Bid Review. Bidders are responsible for carefully examining the ITB, the Specifications, this Contract, and all documents incorporated into the Contract by reference before submitting a bid. If selected for award of contract, bidder shall be bound by same unless the City has accepted bidder's exceptions, if any, in writing.

4. Addenda. The City may issue addenda to this ITB as necessary. All addenda are incorporated into the Contract. The bidder is responsible for determining whether addenda were issued prior to a bid submission. Failure to respond to or properly address addenda may result in rejection of a bid.

5. Quantities. The estimated quantities provided by the City are not guaranteed. These quantities are listed for informational purposes only. Quantities vary depending on the demands of the City. Any variations from the estimated quantities shall not entitle the bidder to an adjustment in the unit price or any additional compensation.

6. Quality. Unless otherwise required, all goods furnished shall be new and the best of their kind.

6.1 Items Offered. Bidder shall state the applicable trade name, brand, catalog, manufacturer, and/or product number of the required good, if any, in the bid.

6.2 Brand Names. Any reference to a specific brand name in a solicitation is illustrative only and describes a component best meeting the specific operational, design, performance, maintenance, quality, or reliability standards and requirements of the City. Bidder may offer an equivalent or equal in response to a brand name referenced (Proposed Equivalent). The City may consider the Proposed Equivalent after it is subjected to testing and evaluation which must be completed prior to the award of contract. If the bidder offers an item of a manufacturer or vendor other than that specified, the bidder must identify the maker, brand, quality, manufacturer number, product number, catalog number, or other trade designation. The City has complete discretion in determining if a Proposed Equivalent will satisfy its requirements. It is the bidder's responsibility to provide, at their expense, any product information, test data, or other information or documents the City requests to properly evaluate or demonstrate the acceptability of the Proposed Equivalent, including independent testing, evaluation at qualified test facilities, or destructive testing.

7. Modifications, Withdrawals, or Mistakes. Bidder is responsible for verifying all prices and extensions before submitting a bid.

7.1 Modification or Withdrawal of Bid Before Bid Opening. Prior to the Closing Date, the bidder or bidder's authorized representative may modify or withdraw the bid by providing written notice of the bid modification or withdrawal to the City Contact. While e-mail is permissible, telephonic withdrawals or modifications are not.

7.2 Bid Modification or Withdrawal of Bid After Bid Opening. Any bidder who seeks to modify or withdraw a bid because of the bidder's inadvertent computational error affecting the bid price shall notify the City Contact identified on the Cover Sheet no later than three working days following the Closing Date. The bidder shall provide worksheets and such other information as may be required by the City to substantiate the claim of inadvertent error. Failure to do so may bar relief and allow the City recourse from the bid surety. The burden is upon the bidder to prove the inadvertent error. If, as a result of a bid modification, the bidder is no longer the apparent successful bidder, the City will award to the newly established apparent successful bidder. The City's decision is final.

8. Incurred Expenses. The City is not responsible for any expenses incurred by bidders in participating in this solicitation process.

9. Public Records. By signing this bid, the bidder acknowledges that any information submitted in response to this ITB is a public record subject to disclosure unless the City determines that a specific exemption in the California Public Records Act (CPRA) applies. If the

bidder submits information clearly marked confidential or proprietary, the City may protect such information and treat it with confidentiality to the extent permitted by law. However, it will be the responsibility of the bidder to provide to the City the specific legal grounds on which the City can rely in withholding information requested under the CPRA should the City choose to withhold such information. General references to sections of the CPRA will not suffice. Rather, the bidder must provide a specific and detailed legal basis, including applicable case law, that clearly establishes the requested information is exempt from the disclosure under the CPRA. If the bidder does not provide a specific and detailed legal basis for requesting the City to withhold bidder's confidential or proprietary information at the time of bid submittal, City will release the information as required by the CPRA and bidder will hold the City, its elected officials, officers, and employees harmless for release of this information. It will be the bidder's obligation to defend, at bidder's expense, any legal actions or challenges seeking to obtain from the City any information requested under the CPRA withheld by the City at the bidder's request. Furthermore, the bidder shall indemnify and hold harmless the City, its elected officials, officers, and employees from and against any claim or liability, and defend any action brought against the City, resulting from the City's refusal to release information requested under the CPRA which was withheld at bidder's request. Nothing in the Contract resulting from this bid creates any obligation on the part of the City to notify the bidder or obtain the bidder's approval or consent before releasing information subject to disclosure under the CPRA.

10. Right to Audit. The City Auditor may access bidder's records as described in San Diego Charter section 39.2 to confirm contract compliance.

B. BID OPENING

Bid Opening. All bids will be opened at, or immediately after, the time noticed for the bid opening in a location that is open to the public. No bidder or interested person will be excluded from the bid opening. Where no member of the public is in attendance, at least one City officer or employee, in addition to the City employee opening the bids, will be present. Bids will be unsealed and opened in the presence of those attending. The name of the project will be audibly announced to those present followed by the name of the bidder, the name of the surety, the amount of the bond, if required, and the total amounts or unit amounts bid. Any person present shall have the right to ask the announcements be repeated or to ask that omitted data be supplied. Such requests will be honored to the extent they do not unreasonably delay or interfere with the bid opening procedure, as determined at the sole discretion of the City employee opening the bids.

C. EVALUATION OF BIDS

1. Low Bid Award. A contract will be awarded to the lowest responsible and responsive bidder whose bid best meets the City's requirements.

2. Additional Information. The City may require bidder to provide additional written or oral information to clarify responses.

3. Sustainable Materials. Consistent with Council Policy 100-14, the City encourages use of readily recyclable submittal materials that contain post-consumer recycled content.

4. Waiver of Defects and Technicalities. The City may waive defects and technicalities in bids when to do so is in the City's best interests.

5. Rejection of All Bids. The City may reject any and all bids when to do so is in the City's best interests.

D. ANNOUNCEMENT OF AWARD

1. Award of Contract. The City will inform all bidders of its intent to award a Contract in writing.

2. Obtaining Bid Results. Bid results also may be obtained by: (1) attending the bid opening; (2) e-mailing a request to the City Contact identified on the Cover Sheet; or (3) visiting the P&C e-procurement system to review the bid results. To ensure an accurate response, requests should reference the Solicitation Number. Bid results will not be released over the phone.

3. Multiple Awards. City may award more than one contract by awarding separate items or groups of items to various bidders. Awards will be made for items, or combinations of items, which result in the lowest aggregate price and/or best meet the City's requirements. The additional administrative costs associated with awarding more than one Contract will be considered in the determination.

4. Solicitation Results. No solicitation results can be obtained until the City announces the bid or bids best meeting the City's requirements.

E. PROTESTS

The City's protest procedures are codified in Chapter 2, Article 2, Division 30 of the San Diego Municipal Code (SDMC). These procedures provide unsuccessful bidders with the opportunity to challenge the City's determination on legal and factual grounds. The City will not consider or otherwise act upon an untimely protest.

F. SUBMITTALS REQUIRED UPON NOTICE AWARD

The successful bidder is required to submit the following documents to P&C **within ten (10) business days** from the date on the Notice of Intent to Award letter:

1. Insurance Documents. Evidence of all required insurance, including all required endorsements, as specified in Article VII of the General Contract Terms and Provisions.

2. Taxpayer Identification Number. Internal Revenue Service (IRS) regulations require the City to have the correct name, address, and Taxpayer Identification Number (TIN) or Social Security Number (SSN) on file for businesses or persons who provide goods or services to the City. This information is necessary to complete Form 1099 at the end of each tax year. To comply with IRS regulations, the City requires each Contractor to provide a Form W-9 prior to the award of a Contract.

3. Business Tax Certificate. Unless the City Treasurer determines a business is exempt, all businesses that contract with the City must have a current business tax certificate.

4. Reserved.

The City may find the bidder to be non-responsive and award the Contract to the next responsible, responsive low bidder if the apparent successful bidder fails to timely provide the required information or documents.

II. SPECIFICATIONS

Bidder shall furnish the City with eighteen (18) and twenty-five (25) cubic yard Rear Loading Refuse Packers on an as-needed basis, in accordance with the terms, conditions, and specifications in this ITB. Bidder shall return Attachment A (Specifications Checklist), Attachment B (Ground Reaction and Specification Chart), and Attachment D (Warranty Acknowledgement Form) with their bid.

A. PRE-PRODUCTION MEETING

Subsequent to award of this bid, Contractor shall hold a Pre-Production Meeting with City Representatives at the City of San Diego Environmental Services Department, located at 8353 Miramar Place, San Diego, CA 92121-2511. The purpose of the meeting is to establish design finalization of the vehicles as specified in Attachment A.

B. MANDATORY PRE-BID CONFERENCE

All Bidders must attend the pre-bid conference of the proposed maintenance sites. The pre-bid conference will be held at City of San Diego Purchasing & Contracting Department, Large Conference Room located at 1200 Third Avenue, Suite 200, San Diego, CA 92101-4195, as referenced on the ITB Cover letter.

Bids will not be accepted from Bidders who do not attend the mandatory pre-bid conference, nor from Bidders who arrive after the pre-bid conference has started. Allow one (1) hour for the pre-bid conference.

C. VEHICLE/EQUIPMENT REGISTRATION AND LICENSE PLATES

Contractor shall comply with all vehicle/equipment registration and license plate requirements as specified herein.

Contractor shall obtain the exempt registration and license plates for all vehicles/equipment provided to City under this ITB.

The legal registration title shall be as follows:

City of San Diego
Fleet Services
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195

City Equipment I.D. No. _____

Registration requirements for vehicles that are a lease purchase will be identified in the Order Letter provided by Debt Management.

Prior to applying for Exempt "E" license plates, the Contractor shall contact the City's Equipment Coordinator at (619) 527-7558 or (619) 527-7561 to obtain a City of San Diego Equipment identification number for each vehicle/equipment. This number must appear on the final registration certificate.

Some vehicles/equipment may be purchased via the City's Equipment and Vehicle Financing Program. These vehicles will require that the Vehicle Financing Program Provider be listed as Lien holder on vehicle/equipment registration. Contact the Fleet Services Engineer at (619) 527-7561 for Lien holder verification.

A facsimile of the registration card shall be inserted in the registration holder and each holder shall be attached inside the vehicle/equipment. The location and method of attachment of the registration holder to the vehicle/equipment shall be approved by the Fleet Services Engineer prior to installation.

The original registration card shall be included with the warranty documents upon delivery of each vehicle/equipment to the City. These documents shall be contained in a document delivery envelope.

The license or identification plates shall be installed prior to delivery of each vehicle/equipment.

D. DELIVERY

The City is seeking a projected timeline for delivery of the vehicle /equipment ready for service of approximately one hundred eighty (180) calendar days from receipt of order. Failure to provide delivery of vehicle within this specified timeline or the timeline offered by the bidder in the bid, and accepted by the City upon award, may result in the enforcement of Liquidated Damages in accordance with Section II, paragraph Z.

To optimize Fleet Services labor requirements, all deliveries shall be scheduled in advance. The successful bidder, upon receipt of City Purchase Order or Equipment and Vehicle Financing Program Order Letter, and prior to submittal of factory order, shall contact the Fleet Services Engineer at (619) 527-7561 to establish delivery intervals.

The equipment shall be delivered complete and ready for operation. It shall be new and the latest model and, except as otherwise specified, be standard in all respects. It shall have all the usual equipment and features as shown by current Manufacturer's catalogs. It shall be fueled and completely lubricated, and all pre-delivery services shall have been performed.

The complete units shall be delivered FOB destination to the Fleet Services, General Services Department, 2740 Caminito Chollas, San Diego, CA 92105-5039. Delivery must be made Monday through Friday, 10:00 a.m. to 3:00 p.m.

The City will not pay for any equipment that is not delivered as specified in the bid. Conformity to bid specifications and the subsequent acceptance date will be determined by the Fleet Services Engineer. Payment terms will be based on date of acceptance into service by the City.

E. EQUIPMENT AND VEHICLE FINANCING PROGRAM

The City reserves the right to make a direct purchase of proposed equipment, or to arrange financing under the City's Equipment and Vehicle Financing Program.

If the City chooses to utilize its Equipment and Vehicle Financing Program, the successful bidder shall sell the equipment to the City's lessor under the same terms and conditions offered to the City. (See Attachment "C")

F. WARRANTY

All equipment shall have the regular Manufacturer's guarantees against defects in material and workmanship. The guarantee shall have the standard Manufacturer's warranty. In no case shall coverage be less than twelve (12) months after the equipment is deemed completely operational in accordance with all bid specifications and is placed in service. Where a standard Manufacturer warranty exceeds a period of one (1) year, this warranty shall be provided to the City.

The following components shall have a minimum warranty of two years: radiator, steering gear box, air compressor and air dryer.

If within this one (1) year period any repairs or replacements in connection with the vehicle/equipment are, in the opinion of the City, deemed necessary as a result of the Manufacturer's use of inferior or defective materials, equipment, or workmanship, the Manufacturer shall, upon receipt of notice and without expense to the City, take action to properly repair, replace, or correct any and all such defects therein.

Upon provisional award, the successful bidder shall establish and deliver to the City a one (1) year service contract with a City-approved local warranty service facility. Contractor shall furnish written verification of the local warranty service facility contract upon notice of provisional award. Contract and service facility shall have prior approval of the Deputy Director, General Services/Fleet Services.

In the event of a breakdown or failure of the equipment during the warranty period and upon receipt of notice (written or verbal) from the City, Contractor shall take satisfactory action to effect repair or replacement of affected parts within forty-eight (48) hours beginning on the following work day.

Transportation of the equipment from any City of San Diego Station, or place of breakdown, to the warranty service facility for warranty work and back, shall be the responsibility of the Contractor. This includes towing when necessary. If the City must have the equipment towed for reasons of security or safety, the Contractor shall be responsible for all costs. This towing

provision includes manufacturer warranties and emission component warranties that exceed the minimum requirement of twelve (12) months.

Bidder (and any applicable Subcontractors) shall complete the Warranty Acknowledgement Form and submit with bid for each item bid. (See Attachment "D")

Bidders shall submit a copy of the Manufacturer's warranty for all equipment with their bid. If any Manufacturer warranty conflicts with these specifications, these specifications shall prevail as may be in the best interests of the City.

In the event of any conflict between Section III, paragraph E of this ITB and Article V, section 5.7 (Warranties), of the City's General Contract Terms and Provisions, dated October 13, 2014, the language contained in paragraph E shall prevail.

G. OPTIONAL EXTENDED REFUSE BODY WARRANTY

The City requests all bidders to submit an optional price extending the existing one (1) year refuse body warranty excluding sales taxes, for six (6) additional years (seven (7) years total). Bids not offering the extended warranty will still be considered for award. The cost of the optional refuse body warranty will not be evaluated in the ITB award. If included in bidder's bid, the optional warranty shall be available for purchase any time during the initial warranty period offered. Minimum terms and conditions of the additional six (6) year warranty are as follows:

1. Items covered under additional six (6) year warranty shall include:

- All hydraulic cylinders, pumps, and valves.

2. Items not covered under six (6) year warranty:

- a. All body related electrical components.
- b. All hydraulic hoses.

In addition to the items listed, the packer blade, guides, shoes, wear strips, and hopper floor shall be warranted including normal wear and tear for the entire six (6) year period.

Repairs made under the extended refuse body warranty shall be made at the City of San Diego Repair Facility located on Miramar Place. If the vehicle must be transported more than ten (10) miles, the bidder shall be required to pay all transportation costs associated with the transport of the vehicle.

Bidders shall submit with their bid documentation indicating the terms and conditions of any extended warranty offered.

H. PARTS STIPULATION

The successful bidder shall ensure adequate and continued parts support for the useful life of the equipment. The successful bidder shall provide access to proprietary parts for the equipment for a period of not less than five (5) years from the last delivery of the equipment. Parts must be available in San Diego County and/or received by the City of San Diego within forty-eight (48) hours from placement of the order.

Parts shall include, but not be limited to, those for the cab and chassis and related components such as engine, transmission, suspension, and brakes. Additionally, all proprietary consumable and wear parts for the equipment and its related components shall be included.

It is the intent of the City to have a full complement of fast moving spare parts in stock prior to the first delivery of the equipment. The successful bidder shall provide the City with a recommended minimum stock parts list for the equipment within forty-five (45) days of award of contract.

Failure to comply with these stipulations may result in the termination of this contract by the City.

I. KEYS

All locks on delivered equipment shall be operable with one (1) key. Doors and ignition switch shall be keyed to the 1970AM RA4 key blank with N324 key code. Five (5) keys per unit shall be provided upon delivery. All vehicles in this series shall be keyed alike.

J. EQUIPMENT SPECIFICATIONS BROCHURE

Each bidder shall furnish, as a part of the bid, manufacturing specifications brochures clearly describing the equipment they propose to furnish. These accompanying documents shall clearly indicate all points specified herein. Failure to provide brochures may cause the bid to be rejected as non-responsive.

K. EQUIPMENT SPECIFICATIONS CHECKLIST

Each bidder shall furnish, as a part of the bid, the Equipment Specifications Checklist included as Attachment A. The bidder shall insert a "X" (checkmark) in the box labeled "Meets Specifications" or in the box labeled "Exceptions". If bidder inserts a checkmark in the box labeled "Exceptions," any exceptions and/or deviations from the specifications must be clearly stated. Any exceptions will be evaluated and may be basis for rejection if they are found to be detrimental to the operations of the City. Attach additional information regarding exceptions and/or deviations if necessary. The specifications checklist shall be completed in its entirety. Failure to provide a complete, accurate Equipment Specifications Checklist may cause the bid to be rejected as non-responsive.

L. GROUND REACTION AND SPECIFICATIONS CHART

Each bidder shall furnish, as part of the bid, the Ground Reaction and Specifications Chart included as Attachment B. Failure to provide a complete, accurate Ground Reaction and Specifications Chart may cause the bid to be rejected as non-responsive.

M. EQUIPMENT DEMONSTRATION

Bidders may be required, at bidder's expense, to demonstrate their proposed equipment for a minimum of five (5) days in the City of San Diego prior to City award of the contract. Equipment provided for the demonstration must be deemed by the City to be comparable to the equipment specified in the bid. Bidders will not be reimbursed for any costs incurred. The City shall be the sole judge of the suitability and acceptability of any equipment proposed or demonstrated. Demonstration equipment shall be provided within ten (10) calendar days from request.

Demonstration for each truck shall include but not limited to the following:

1. Ability to pick-up and dump at a rate of no less than 120 containers per hour continuously for a minimum of ten (10) continuous hours daily.
2. Ability to pick-up and dump containers ranging in size from 32 to 96 gallons.
3. Ability to pick-up and dump containers for a minimum of 1,000 to maximum of 1,500 service stops per day on street slopes up to 24 degrees.

N. LABELS

All signs and labels required by American National Standards Institute (ANSI), Occupational Safety and Health (OSHA), California Air Resources Board (CARB) and Department of Transportation (DOT) shall be affixed inside the cab or as directed by the appropriate agency. All equipment delivered under these specifications shall comply with all applicable provisions of the Federal Motor Vehicle Standards and California Vehicle Codes.

O. ENGINE EMISSIONS REQUIREMENTS

The engine provided shall conform to the latest federal and state regulations including but not limited to Environmental Protection Agency (EPA) and California Air Resources Board (CARB) Emissions Regulations. Bidder shall provide with their bid copies of the NOX & Particulate Matter (PM) standards to which the engine is certified. Bidder shall also provide with their bid the Executive Order from CARB documenting Certification Level for the equipment offered. The City will fuel the diesel engines with Ultra Low Sulfur (Green) diesel fuel.

P. CHANGES IN EMISSIONS REQUIREMENTS

The City acknowledges that State and/or federal emissions requirements that are applicable to this contract may change at any time during this contract and such changes may include equipment and/or equipment upgrades to the specifications herein. The Contractor shall be responsible for immediately notifying the City in writing of any state and/or federal changes in emissions requirements. In cases where these changes require a price increase, the Contractor shall notify the City immediately of such increase in writing and shall provide detailed supporting documentation to justify the requested increase. The Contractor must include details of any special equipment and/or equipment upgrades that are mandated for installation as a result of the change in emissions requirements. The requested increase will be evaluated by the City, and the City reserves the right to accept or reject.

Q. FEDERAL EXCISE TAX

The City of San Diego is exempt from Federal Excise Tax and will furnish an exemption certificate upon request.

R. PERFORMANCE SUMMARY

A performance summary SCAAN shall be submitted with the bid for all power trains offered. This report shall be issued by the transmission manufacturer.

S. MANUFACTURERS CERTIFIED TRAINING CLASSES

Manufacturers certified training shall be provided to the City by a qualified instructor. Training shall be conducted at a designated City facility. The City will not pay any cost incurred by the successful bidder in providing this training. The successful bidder shall be required to conduct training as follows:

1. Packer Body Training

- a. Three (3) eight (8) hour workdays of instruction for City mechanics.
- b. Two (2) eight (8) hour workdays of instruction for City equipment operators.

2. Cab and Chassis Training

Three (3) eight (8) hour workdays for City mechanics. Diagnostic materials shall be provided during training to Technicians i.e. manuals, software and website access to manufacturer specific information.

Training topics shall include:

- a. Engine familiarization covering topics such as fuel system, engine diagnostics, installation of gas injectors (if applicable), and hands-on diagnostics; and

- b. Transmission trouble shooting and diagnostics of electronic shift control system.

T. APPROVAL DRAWINGS

Final drawings of the proposed refuse packer shall be provided to the City for approval before construction begins. Drawings shall include the following data: Make and Model of all chassis and body components, all external dimensions, including operational clearances, and weight distribution on all axles in both an un-laden and fully loaded state. General schematics of the electrical, pneumatic, and hydraulic systems shall also be provided. Contractor shall provide copies of final drawings in electronic format to the City. Electronic format can be a PDF format, DVD, or access to manufacturer specific websites which provide access to the drawings.

U. PERFORMANCE TESTS AND REQUIREMENTS

All trucks delivered will be road tested before acceptance by the City. A road test will be conducted with the truck fully loaded. A continuous run of at least fifty (50) miles will be made under various driving and load conditions, during which time the truck shall show no loss of power or overheating. The drive line shall run quietly and be free from vibration or noise throughout the operating range of the truck.

The truck, when fully loaded, must be capable of thirty-four percent (34%) gradeability at eighty percent (80%) torque converter efficiency, at a speed of not less than four (4) miles per hour. Note: thirty-four percent (34%) gradeability equals a nineteen degree (19°) slope.

The truck startability, fully loaded, on dry paved street shall exceed forty-four percent (44%) gradeability. Note: forty-four percent (44%) gradeability equals a twenty-four degree (24°) slope.

The truck, fully loaded, shall be capable of attaining a highway speed consistent with the performance profile (SCAAN) submitted with the bid.

V. FAILURE TO MEET TESTS AND REQUIREMENTS

In the event a truck fails to meet the test requirements on the first trial, then at the City's option, a second trial may be conducted within thirty (30) calendar days of the first trial. Such trials shall be final and conclusive, and failure to comply with these requirements may be cause for contract termination if equipment fails to meet any of these specifications.

W. MANUALS AND TECHNICAL INFORMATION

Contractor shall furnish one (1) complete and accurate hard copy of each of the following items for each vehicle/equipment delivered, at the time the first vehicle is delivered, as well as provide access to online manuals and/or current PDF file copies.

1. Shop maintenance manual, illustrated engine repair, and troubleshooting manual.

2. Transmission repair and troubleshooting manual.
3. Chassis repair and troubleshooting manual.
4. Air brake piping diagram including color-coding, shall show all components applicable to equipment furnished.
5. Operator's manual.
6. Certified weight slip.
7. Shop maintenance manual for body equipment.
8. Illustrated parts book, all OEM part numbers and only those parts pertaining directly to these bodies.
9. Complete wiring diagrams shall be provided with the vehicle, including one (1) 36" x 44" laminated set of "E" electrical wiring prints.

X. VIDEO/CD-R TRAINING GUIDES

Four (4) pre-recorded DVD or CD programs shall be provided upon delivery, two (2) from the chassis manufacturer and two (2) from the body/arm builder. These programs shall explain in detail the operations, maintenance procedures, and points of lubrication for the equipment bid.

Y. COMPONENT SUBSTITUTION AND MOUNTING STIPULATION

All packer components and component mounting locations pertaining to the cab and chassis, drive line, suspension and running gear, electrical, and packer body, shall be standardized for all vehicles provided to the City under the terms of this bid. Changes in the components supplied or the component mounting location shall be submitted to the Fleet Services Engineer in writing for review of compatibility with the current equipment specifications. The City shall be the sole judge in approving or rejecting the proposed changes. Changes shall be compatible with existing equipment bid. All units per order shall be from the same production run.

Z. LIQUIDATED DAMAGES

Time is of the essence, and should delivery not be completed on or before the time stipulated, it is mutually agreed and understood by and between the successful bidder and the City that:

A delay would affect the public and the operation of the City; that a reduction in the unit price of one thousand dollars (\$1,000.00) per calendar day for each and every day for each unit which exceeds the delivery time set forth in the contract is the nearest measure of damages for such delay that can be fixed at this time; therefore, the City and the successful bidder hereby establish said reduction in the unit price of one thousand dollars (\$1,000.00) per calendar day for each and every day of delay for each unit as liquidated damages and not as a penalty or forfeiture for the

breach of agreement to complete delivery by the successful bidder on or before the time specified in the contract.

Liquidated damages shall not apply to time elapsing between date of delivery and date of notification to the successful bidder of rejection of sub-specification material.

The above conditions may be invoked if deliveries exceed the specified time or if replacement of material not meeting specifications exceeds the specified time.

Should the Contractor be obstructed or delayed in the work required to be done hereunder by changes in the work or by default, act, or omission of the City, or by strikes, fire, act of God, or by the inability to obtain materials, equipment, or labor due to Federal Government restrictions arising out of the defense or war program, then the time of completion shall be extended for such period as may be agreed. Should there be insufficient time to grant such extensions prior to the completion date of the contract, the City may, at the time of acceptance of the work, waive liquidated damages which may have accrued for failure to complete on time, due to any of the above reasons, after hearing evidence as to the reasons for such delay.

III. PRICING PAGE(S)

A. Pricing.

1. City’s Estimated Need. The City will consider the pricing provided for Sections 1 through 2 in the ITB award evaluation. Bidder’s pricing for Sections 3 through 5 will not be considered for ITB award evaluation purposes but the City may, at its sole option, award a contract for any of those items in accordance with Section I, paragraphs C.1 and D.3 of this ITB. Bidders are required to provide pricing for Sections 1 through 5 in order to be considered responsive to this ITB.

NOTE: Estimated quantity is the number of units estimated to be purchased over the term of the agreements. Units purchased is dependent upon fiscal year funding.

SECTION 1 – 18 AND 25 CUBIC YARD REAR LOADING REFUSE PACKERS

Est. Qty.	U/M	Description	Unit Cost	Extension
15	EA	18 Cubic Yard Rear Loading Refuse Packer (as specified in Attachment A). Pricing with Diesel Engine: Delivery Time: _____ Calendar Days ARO. _____ Cab and Chassis Manufacturer: _____ Model: _____ Body Manufacturer: _____ Model: _____ Warranty Period Cab and Chassis: _____ Warranty Period Body: _____	\$	\$

Est. Qty.	U/M	Description	Unit Cost	Extension
15	EA	18 Cubic Yard Rear Loading Refuse Packer (as specified in Attachment A). Pricing with CNG Engine: Delivery Time: _____ Calendar Days ARO. _____ Cab and Chassis Manufacturer: _____ Model: _____ Body Manufacturer: _____ Model: _____ Warranty Period Cab and Chassis: _____ Warranty Period Body: _____	\$	\$

Est. Qty.	U/M	Description	Unit Cost	Extension
15	EA	25 Cubic Yard Rear Loading Refuse Packer (as specified in Attachment A) Pricing with Diesel Engine: Delivery Time: _____ Calendar Days ARO _____ Cab and Chassis Manufacturer: _____ Model: _____ Body Manufacturer: _____ Model: _____ Warranty Period Cab and Chassis: _____ Warranty Period Body: _____	\$	\$
15	EA	25 Cubic Yard Rear Loading Refuse Packer (as specified in Attachment A) Pricing with CNG Engine: Delivery Time: _____ Calendar Days ARO _____ Cab and Chassis Manufacturer: _____ Model: _____ Body Manufacturer: _____ Model: _____ Warranty Period Cab and Chassis: _____ Warranty Period Body: _____	\$	\$

Est. Qty.	U/M	Description	Unit Cost	Extension
		<u>The following is for information purposes only and will not be included in the ITB award evaluation.</u>		
15	EA	18 Cubic Yard Loading Refuse Packer Pricing for optional six (6) year Refuse Body Warranty:	\$	\$
15	EA	25 Cubic Yard Loading Refuse Packer Pricing for optional six (6) year Refuse Body Warranty	\$	\$

SECTION 2 – CAMERA SYSTEM FOR REAR LOADING REFUSE PACKERS (18 CUBIC YARD AND 25 CUBIC YARD)

Est. Qty.	U/M	Description	Unit Cost	Extension
15	EA	Color Camera System, including installation (as specified in Attachment A) Camera Manufacturer: _____ Model: _____ Co-axial Cable Manufacturer: _____ Model: _____ Monitor Manufacturer: _____ Model: _____ Monitor Swivel Mounting Bracket Manufacturer: _____ Model: _____ Warranty Period: _____	\$	\$
TOTAL FOR SECTIONS 1 THROUGH 2 (Excluding Section 1 Cost for Optional Six (6) Year Refuse Body Warranty):				\$

SECTION 3 – ZONAR VEHICLE INSPECTION SYSTEM (Option to Purchase)

Est. Qty.	U/M	Description	Unit Cost	Extension
15	EA	Cost to provide the Zonar Vehicle Inspection System (as specified in Attachment A) Manufacturer: _____ Model: _____ Warranty Period: _____ Price Kit Only: \$ _____ <u>Pricing for this Section is for information purposes only and will not be included in the ITB award evaluation</u>	\$	\$
TOTAL FOR SECTION 3:				\$

SECTION 4 – LAPTOP COMPUTER AND DIAGNOSTIC TOOLS (Option to Purchase)

Est. Qty.	U/M	Description	Unit Cost	Extension
2	EA	Cost to provide Laptop Computer and Diagnostic Tools (as specified in Attachment A) Manufacturer: _____ Model: _____ Warranty Period: _____ <u>Pricing for this Section is for information purposes only and will not be included in the ITB award evaluation</u>	\$	\$
TOTAL FOR SECTION 4:				\$

SECTION 5 – CART FLIPPER (Option to Purchase)

Est. Qty.	U/M	Description	Unit Cost	Extension
15	EA	Cost to provide Cart Flipper Manufacturer: _____ Model: _____ Warranty Period: _____ <u>Pricing for this Section is for information purposes only and will not be included in the ITB award evaluation</u>	\$	\$
TOTAL FOR SECTION 5:				\$

2. Discounts. Any discount offered other than for prompt payment should be included in the net price quoted instead of shown as a separate item.

3. Prices Submitted or Corrected. All prices and notations must be written in ink or typed. Responses must be free of erasures. Corrections must be initialed in ink by the person signing the bid.

4. Manufacturer’s Price List. Bidders must submit a current manufacturer’s price list with the bid.

5. Fixed Price. All prices shall be firm, fixed, fully burdened, FOB destination, and include any applicable delivery or freight charges, and any other costs required to provide the requirements as specified in this ITB.

6. Taxes and Fees. Taxes and applicable local, state, and federal regulatory fees should not be included in the price proposal. Applicable taxes and regulatory fees will be added to the net amount invoiced. The City is liable for state, city, and county sales taxes but is exempt from Federal Excise Tax and will furnish exemption certificates upon request. All or any portion of the City sales tax returned to the City will be considered in the evaluation of bids.

7. Escalation. An escalation factor is not allowed unless called for in this ITB. If escalation is allowed, bidder must notify the City in writing in the event of a decline in market price(s) below the bid price. At that time, the City will make an adjustment in the Contract or may elect to re-solicit.

8. Unit Price. Unless the bidder clearly indicates that the price is based on consideration of being awarded the entire lot and that an adjustment to the price was made based on receiving the entire bid, any difference between the unit price correctly extended and the total price shown for all items shall be offered shall be resolved in favor of the unit price.

IV. CONTRACT

A. Contract Documents. The following documents comprise the Contract between the City and Contractor: this ITB and Cover Sheet; the successful bid; the Notice of Intent to Award; the City's written acceptance of exceptions or clarifications to the ITB, if any; and the City's General Contract Terms and Provisions.

B. Contract Interpretation. The Contract Documents completely describe the goods and/or services to be provided. Contractor will provide any goods and/or services that may reasonably be inferred from the Contract Documents or from prevailing custom or trade usage as being required to produce the intended result whether or not specifically called for or identified in the Contract Documents. Words or phrases which have a well-known technical or construction industry or trade meaning and are used to describe goods or services will be interpreted in accordance with that meaning unless a definition has been provided in the Contract Documents.

C. Precedence. In resolving conflicts resulting from errors or discrepancies in any of the Contract Documents, the Parties will use the order of precedence as set forth below. The document highest in the order of precedence controls. Inconsistent provisions in the Contract Documents that address the same subject, are consistent, and have different degrees of specificity, are not in conflict and the more specific language will control. The order of precedence from highest to lowest is as follows:

- 1st This ITB and Cover Sheet
- 2nd The City's written acceptance of any exceptions to clarifications to the ITB, if any
- 3rd Specifications and any addenda thereto
- 4th Contractor's Pricing Page(s)
- 5th All sections of the ITB not identified above
- 6th City's General Contract Terms and Provisions

D. Counterparts. This Contract may be executed in counterparts which, when taken together, shall constitute a single signed original as though all Parties had executed the same page.

E. Public Agencies. Other public agencies, as defined by California Government Code section 6500, may choose to use the terms of this Contract, subject to Contractor's acceptance. The City is not liable or responsible for any obligations related to a subsequent agreement between Contractor and another public agency.

City of San Diego
CONTRACTOR STANDARDS
Pledge of Compliance

The City of San Diego has adopted a Contractor Standards Ordinance (CSO) codified in section 22.3004 of the San Diego Municipal Code (SDMC). The City of San Diego uses the criteria set forth in the CSO to determine whether a bidder or proposer has the capacity to fully perform the contract requirements and the business integrity to justify the award of public funds. This completed Pledge of Compliance signed under penalty of perjury must be submitted with each bid and proposal. If an informal solicitation process is used, the bidder must submit this completed Pledge of Compliance to the City prior to execution of the contract. All responses must be typewritten or printed in ink. If an explanation is requested or additional space is required, Respondents must provide responses on Attachment A to the Pledge of Compliance and sign each page. Failure to submit a signed and completed Pledge of Compliance may render the bid or proposal non-responsive. In the case of an informal solicitation, the contract will not be awarded unless a signed and completed Pledge of Compliance is submitted. A submitted Pledge of Compliance is a public record and information contained within will be available for public review except to the extent that such information is exempt from disclosure pursuant to applicable law.

A. BID/PROPOSAL/SOLICITATION TITLE:

B. BIDDER/PROPOSER INFORMATION:

Legal Name		DBA	
Street Address	City	State	Zip
Contact Person, Title	Phone	Fax	

C. OWNERSHIP AND NAME CHANGES:

1. In the past five (5) years, has your firm changed its name?
Yes No

If Yes, use Attachment "A" to list all prior legal and DBA names, addresses, and dates each firm name was used. Explain the specific reasons for each name change.
2. In the past five (5) years, has a firm owner, partner, or officer operated a similar business?
Yes No

If Yes, use Attachment "A" to list names and addresses of all businesses and the person who operated the business. Include information about a similar business only if an owner, partner, or officer of your firm holds or has held a similar position in another firm.

D. BUSINESS ORGANIZATION/STRUCTURE:

Indicate the organizational structure of your firm. Fill in only one section on this page. Use Attachment "A" if more space is required.

Corporation Date incorporated: ___/___/___ State of incorporation: _____

List corporation's current officers: President: _____
Vice Pres: _____
Secretary: _____
Treasurer: _____

Is your firm a publicly traded corporation? Yes No

If Yes, name those who own ten percent (10 %) or more of the corporation's stocks:

Limited Liability Company Date formed: ____/____/____ State of formation: _____

List names of members who own ten percent (10%) or more of the company:

Partnership Date formed: ____/____/____ State of formation: _____

List names of all firm partners:

Sole Proprietorship Date started: ____/____/____

List all firms you have been an owner, partner or officer with during the past five (5) years. Do not include ownership of stock in a publicly traded company:

Joint Venture Date formed: ____/____/____

List each firm in the joint venture and its percentage of ownership:

Note: To be responsive, each member of a Joint Venture must complete a separate *Pledge of Compliance*.

E. FINANCIAL RESOURCES AND RESPONSIBILITY:

1. Is your firm preparing to be sold, in the process of being sold, or in negotiations to be sold?
Yes No

If Yes, use Attachment "A" to explain the circumstances, including the buyer's name and principal contact information.

2. In the past five (5) years, has your firm been denied bonding?
Yes No

If Yes, use Attachment "A" to explain specific circumstances; include bonding company name.

3. In the past five (5) years, has a bonding company made any payments to satisfy claims made against a bond issued on your firm's behalf or a firm where you were the principal?
Yes No

If Yes, use Attachment "A" to explain specific circumstances.

4. In the past five (5) years, has any insurance carrier, for any form of insurance, refused to renew the insurance policy for your firm?
Yes No

If Yes, use Attachment "A" to explain specific circumstances.

5. Within the last five years, has your firm filed a voluntary petition in bankruptcy, been adjudicated bankrupt, or made a general assignment for the benefit of creditors?
6. Please provide the name of your principal financial institution for financial reference. By submitting a response to this Solicitation Contractor authorizes a release of credit information for verification of financial responsibility.

Name of Bank: _____

Point of Contact: _____

Address: _____

Phone Number: _____

7. By submitting a response to a City solicitation, Contractor certifies that he or she has sufficient operating capital and/or financial reserves to properly fund the requirements identified in the solicitation. At City's request, Contractor will promptly provide to City a copy of Contractor's most recent balance sheet and/or other necessary financial statements to substantiate financial ability to perform.

F. PERFORMANCE HISTORY:

1. In the past five (5) years, has your firm been found civilly liable, either in a court of law or pursuant to the terms of a settlement agreement, for defaulting or breaching a contract with a government agency?
Yes No

If Yes, use Attachment "A" to explain specific circumstances.

2. In the past five (5) years, has a public entity terminated your firm's contract for cause prior to contract completion?
Yes No

If Yes, use Attachment "A" to explain specific circumstances and provide principal contact information.

3. In the past five (5) years, has your firm entered into any settlement agreement for any lawsuit that alleged contract default, breach of contract, or fraud with or against a public entity?
Yes No

If Yes, use Attachment "A" to explain specific circumstances.

4. Is your firm currently involved in any lawsuit with a government agency in which it is alleged that your firm has defaulted on a contract, breached a contract, or committed fraud?

Yes No

If Yes, use Attachment "A" to explain specific circumstances.

5. In the past five (5) years, has your firm, or any firm with which any of your firm's owners, partners, or officers is or was associated, been debarred, disqualified, removed, or otherwise prevented from bidding on or completing any government or public agency contract for any reason?

Yes No

If Yes, use *Pledge of Compliance Attachment "A"* to explain specific circumstances.

6. In the past five (5) years, has your firm received a notice to cure or a notice of default on a contract with any public agency?

Yes No

If Yes, use Attachment "A" to explain specific circumstances and how the matter resolved.

7. Performance References:

Please provide a minimum of three (3) references familiar with work performed by your firm which was of a similar size and nature to the subject solicitation within the last five (5) years.

Company Name: _____

Contact Name and Phone Number: _____

Contact Email: _____

Address: _____

Contract Date: _____

Contract Amount: _____

Requirements of Contract: _____

Company Name: _____

Contact Name and Phone Number: _____

Contact Email: _____

Address: _____

Contract Date: _____

Contract Amount: _____

Requirements of Contract: _____

Company Name: _____

Contact Name and Phone Number: _____

Contact Email: _____

Address: _____

Contract Date: _____

Contract Amount: _____

Requirements of Contract: _____

G. COMPLIANCE:

1. In the past five (5) years, has your firm or any firm owner, partner, officer, executive, or manager been criminally penalized or found civilly liable, either in a court of law or pursuant to the terms of a settlement agreement, for violating any federal, state, or local law in performance of a contract, including but not limited to, laws regarding health and safety, labor and employment, permitting, and licensing laws?

Yes No

If Yes, use Attachment "A" to explain specific circumstances surrounding each instance. Include the name of the entity involved, the specific infraction(s) or violation(s), dates of instances, and outcome with current status.

2. In the past five (5) years, has your firm been determined to be non-responsible by a public entity?

Yes No

If Yes, use Attachment "A" to explain specific circumstances of each instance. Include the name of the entity involved, the specific infraction, dates, and outcome.

H. BUSINESS INTEGRITY:

1. In the past five (5) years, has your firm been convicted of or found liable in a civil suit for making a false claim or material misrepresentation to a private or public entity?

Yes No

If Yes, use Attachment "A" to explain specific circumstances of each instance. Include the entity involved, specific violation(s), dates, outcome and current status.

2. In the past five (5) years, has your firm or any of its executives, management personnel, or owners been convicted of a crime, including misdemeanors, or been found liable in a civil suit involving the bidding, awarding, or performance of a government contract?

Yes No

If Yes, use *Pledge of Compliance Attachment "A"* to explain specific circumstances of each instance; include the entity involved, specific infraction(s), dates, outcome and current status.

3. In the past five (5) years, has your firm or any of its executives, management personnel, or owners been convicted of a federal, state, or local crime of fraud, theft, or any other act of dishonesty?

Yes No

If Yes, use *Pledge of Compliance Attachment "A"* to explain specific circumstances of each instance; include the entity involved, specific infraction(s), dates, outcome and current status.

I. WAGE COMPLIANCE:

In the past five (5) years, has your firm been required to pay back wages or penalties for failure to comply with the federal, state or local prevailing, minimum, or living wage laws? Yes No If Yes, use Attachment "A" to explain the specific circumstances of each instance. Include the entity involved, the specific infraction(s), dates, outcome, and current status.

J. STATEMENT OF SUBCONTRACTORS:

Please provide the names and information for all subcontractors used in the performance of the proposed contract, and what portion of work will be assigned to each subcontractor. Subcontractors may not be substituted without the written consent of the City. Use Attachment "A" if additional pages are necessary. If no subcontractors will be used, please write "Not Applicable."

Company Name: _____

Contact Name and Phone Number: _____

Contact Email: _____

Address: _____

Contract Date _____

Sub-Contract Dollar Amount: _____

Requirements of Contract: _____

What portion of work will be assigned to this subcontractor: _____

Is the Subcontractor a certified SLBE, ELBE, MBE, DBE, DVBE, or OBE? (Circle One) YES NO

If YES, Contractor must provide valid proof of certification with the response to the bid or proposal.

Company Name: _____

Contact Name and Phone Number: _____

Contact Email: _____

Address: _____

Contract Date _____

Sub-Contract Dollar Amount: _____

Requirements of Contract: _____

What portion of work will be assigned to this subcontractor: _____

Is the Subcontractor a certified SLBE, ELBE, MBE, DBE, DVBE, or OBE? (Circle One) YES NO

If YES, Contractor must provide valid proof of certification with the response to the bid or proposal.

K. STATEMENT OF AVAILABLE EQUIPMENT:

List all necessary equipment to complete the work specified. Use *Pledge of Compliance Attachment "A"* if additional pages are necessary. In instances where the required equipment is not owned by the Contractor, Contractor shall explain how the equipment will be made available before the commencement of work. The City of San Diego reserves the right to reject any response when, in its opinion, the Contractor has not demonstrated he or she will be properly equipped to perform the work in an efficient, effective manner for the duration of the contract period.

If no equipment is necessary to complete the work specified, please write "Not Applicable."

Equipment Description: _____

Owned Rented Other (explain below)

If Owned, Quantity Available: _____

Year, Make & Model: _____

Explanation: _____

Equipment Description: _____

Owned Rented Other (explain below)

If Owned, Quantity Available: _____

Year, Make & Model: _____

Explanation: _____

Equipment Description: _____

Owned Rented Other (explain below)

If Owned, Quantity Available: _____

Year, Make & Model: _____

Explanation: _____

L. TYPE OF SUBMISSION: This document is submitted as:

Initial submission of *Contractor Standards Pledge of Compliance*.

Update of prior *Contractor Standards Pledge of Compliance* dated ____/____/____.

Complete all questions and sign below.

Under penalty of perjury under the laws of the State of California, I certify that I have read and understand the questions contained in this Pledge of Compliance, that I am responsible for completeness and accuracy of the responses contained herein, and that all information provided is true to the best of my knowledge and belief. I agree to provide written notice to the Purchasing Agent within five (5) business days if, at any time, I learn that any portion of this Pledge of Compliance. Failure to timely provide the Purchasing Agent with written notice is grounds for Contract termination.

I, on behalf of the firm, further certify that I and my firm will comply with the following provisions of SDMC section 22.3004:

(a) I and my firm will comply with all applicable local, State and Federal laws, including health and safety, labor and employment, and licensing laws that affect the employees, worksite or performance of the contract.

(b) I and my firm will notify the Purchasing Agent in writing within fifteen (15) calendar days of receiving notice that a government agency has begun an investigation of me or my firm that may result in a finding that I or my firm is or was not in compliance with laws stated in paragraph (a).

(c) I and my firm will notify the Purchasing Agent in writing within fifteen (15) calendar days of a finding by a government agency or court of competent jurisdiction of a violation by the Contractor of laws stated in paragraph (a).

(d) I and my firm will notify the Purchasing Agent in writing within fifteen (15) calendar days of becoming aware of an investigation or finding by a government agency or court of competent jurisdiction of a violation by a subcontractor of laws stated in paragraph (a).

(e) I and my firm will cooperate fully with the City during any investigation and to respond to a request for information within ten (10) working days.

Failure to sign and submit this form with the bid/proposal shall make the bid/proposal non-responsive. In the case of an informal solicitation, the contract will not be awarded unless a signed and completed *Pledge of Compliance* is submitted.

Name and Title

Signature

Date

City of San Diego
CONTRACTOR STANDARDS
Pledge of Compliance Attachment "A"

Provide additional information in space below. Use additional Attachment "A" pages as needed. Each page must be signed. Print in ink or type responses and indicate question being answered.

I have read the matters and statements made in this Contractor Standards Pledge of Compliance and attachments thereto and I know the same to be true of my own knowledge, except as to those matters stated upon information or belief and as to such matters, I believe the same to be true. I certify under penalty of perjury that the foregoing is true and correct.

Print Name, Title

Signature

Date

ATTACHMENT

EQUAL OPPORTUNITY CONTRACTING PROGRAM (EOCP)

GOODS AND SERVICES CONTRACTOR REQUIREMENTS

I. City's Equal Opportunity Contracting Commitment.

The City of San Diego (City) promotes equal employment and subcontracting opportunities. The City is committed to ensuring that taxpayer dollars spent on public contracts are not paid to businesses that practice discrimination in employment or subcontracting. The City encourages all companies seeking to do business with the City to share this commitment.

City contractors must submit the required EOCP documentation indicated below with their bids. Contractors who fail to provide the required EOCP documentation are considered non-responsive.

II. Definitions.

Minority Business Enterprise (MBE): a certified business which is at least fifty-one percent (51%) owned by African Americans, American Indians, Asians, Filipinos, Latinos, or a combination and whose management and daily operation is controlled by one or more members of the identified ethnic groups. In the case of a publicly-owned business, at least fifty-one percent (51%) of the stock shall be owned by, and the business operated by, one or more members of the identified ethnic groups.

Women Business Enterprise (WBE): a certified business which is at least fifty one percent (51 %) owned by one or more women and whose management and daily operation is controlled by the qualifying party(ies). In the case of a publicly-owned business, at least fifty-one percent (51%) of the stock shall be owned by, and the business operated by, one or more women.

Disadvantaged Business Enterprise (DBE): a certified business which is at least fifty-one (51%) owned and operated by one or more socially and economically disadvantaged individuals and whose management and daily operation is controlled by the qualifying party(ies). In the case of a publicly-owned business, at last fifty-one (51%) of the stock shall be owned by, and the business operated by, socially and economically disadvantaged individuals

Disabled Veteran Business Enterprise (DVBE): a certified business which is at least fifty-one percent (51%) owned and operated by one or more veterans with a service related disability and whose management and daily operation is controlled by the qualifying party(ies). The firm shall be certified by the State of California's Department of General Services, Office of Small and Minority Business.

Other Business Enterprise (OBE): any business which does not otherwise qualify as Minority, Woman, Disadvantaged or Disabled Veteran Business Enterprise.

Emerging Business Enterprise (EBE): a business whose gross annual receipts do not exceed the amount set by the City Manager, and which meets all other criteria set forth in regulations implementing the City's small and local business preference program. The City Manager shall review the threshold amount for EBEs on an annual basis, and adjust as necessary to reflect changes in the marketplace.

Emerging Local Business Enterprise (ELBE): a Local Business Enterprise that is also an Emerging Business Enterprise.

Small Business Enterprise (SBE): a business whose gross annual receipts do not exceed the amount set by the City Manager, and that meets all other criteria set forth in regulations implementing the City's small and local business preference program. The City Manager shall review the threshold amount for SBEs on an annual basis, and adjust as necessary to reflect changes in the marketplace. A business certified as a DVBE by the State of California, and that has provided proof of such certification to the City Manager, shall be deemed to be an SBE.

Small Local Business Enterprise (SLBE): a Local Business Enterprise that is also a Small Business Enterprise.

Local Business Enterprise (LBE): a business that has both a principle place of business and a significant employment presence in the County of San Diego, and that has been in operation for twelve (12) consecutive months. This definition is subsumed within the definition of Small Local Business Enterprise.

Principle Place of Business: a location wherein a business maintains a physical office and through which it obtains no less than fifty percent (50%) of its gross annual receipts.

Significant Employee Presence: no less than twenty-five percent (25%) of a business's total number of employees.

Commercially Useful Function: an SLBE/ELBE performs a commercially useful function when it is responsible for execution of the work of the contract and is carrying out its responsibilities by actually performing, managing, and supervising the work involved. To perform a commercially useful function, the SLBE/ELBE shall also be responsible, with respect to materials and supplies used on the contract, for negotiating price, determining quality and quantity, ordering the material, and installing (where applicable) and paying for the material itself.

To determine whether an SLBE/ELBE is performing a commercially useful function, an evaluation will be performed of the amount of work subcontracted, normal industry practices, whether the amount the SLBE/ELBE firm is to be paid under the contract is commensurate with the work it is actually performing and the SLBE/ELBE credit

claimed for its performance of the work, and other relevant factors. Specifically, an SLBE/ELBE does not perform a commercially useful function if its role is limited to that of an extra participant in a transaction, contract, or project through which funds are passed in order to obtain the appearance of meaningful and useful SLBE/ELBE participation, when in similar transactions in which SLBE/ELBE firms do not participate, there is no such role performed.

III. Disclosure of Discrimination Complaints.

As part of its bid or proposal, Contractor shall provide to the City a list of all instances within the past ten (10) years where a complaint was filed or pending against Contractor in a legal or administrative proceeding alleging that Contractor discriminated against its employees, subcontractors, vendors, or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken. (Attachment AA).

IV. Workforce Report and Equal Opportunity Outreach Plan.

- A. Work Force Report. Contractors shall submit with their bid or proposal a Work Force Report for approval by the City. (Attachment BB). If the City determines that there are under representations when compared to County Labor Force Availability data, then the Contractor will also be required to submit an Equal Employment Opportunity (EEO) Plan to the City for approval.
- B. Duty to Comply with Equal Opportunity Outreach Plan. A Contractor for whom an Equal Employment Opportunity Plan (EEOP) has been approved by the City shall use best efforts to comply with that EEOP.

V. Small and Local Business Program Requirements. The City has adopted a SLBE program for goods and services contracts. SLBE program requirements for goods and services contracts are set forth Council Policy 100-10.

A. SLBE and ELBE Participation for Contracts Valued Over \$50,000:

1. The City shall apply a bid discount in the way of:
 - a. Two percent (2%) discount off the bid price for SLBE or ELBE prime contractors; or
 - b. Two percent (2%) discount off the bid price for prime contractors achieving the voluntary goal of twenty percent (20%) for SLBE or ELBE subcontractor participation set forth in Subsection 2 below.

The discount will not apply if an award to the discounted bidder or proposer would result in a total contract cost of \$10,000 in excess of the low, non-discounted bid or proposal. In the event of a tie between a

discounted bidder or proposer and non-discounted bidder or proposer, the discounted bidder or proposer will be awarded the contract.

2. All goods or services contracts valued over \$50,000 or more have a voluntary SLBE/ELBE goal of twenty percent (20%). For the purposes of this Council Policy, the voluntary subcontractor requirement may be met by a provider of materials or supplies.

VI. Certification.

The City accepts certifications of MBE, WBE, DBE, or DVBE from the following certifying agencies:

- A. Current certification by the State of California Department of Transportation (CALTRANS) as DBE.
- B. Current MBE or WBE certification from the California Public Utilities Commission.
- C. DVBE certification is received from the State of California's Department of General Services, Office of Small and Minority Business.
- D. Current certification by the City of Los Angeles as DBE, WBE or MBE.

Subcontractors' valid proof of certification status e.g., copy of MBE, WBE, DBE, or DVBE certification must be submitted with the ITB.

VII. List of Attachments.

- AA. Contractors Certification of Pending Actions
- BB. Work Force Report

AA. CONTRACTORS CERTIFICATION OF PENDING ACTIONS

As part of its bid, the Contractor must provide to the City a list of all instances within the past 10 years where a complaint was filed or pending against the Contractor in a legal or administrative proceeding alleging that Contractor discriminated against its employees, subcontractors, vendors or suppliers, and a description of the status or resolution of that complaint, including any remedial action taken.

CHECK ONE BOX ONLY.

- The undersigned certifies that within the past 10 years the Contractor has NOT been the subject of a complaint or pending action in a legal administrative proceeding alleging that Contractor discriminated against its employees, subcontractors, vendors or suppliers.
- The undersigned certifies that within the past 10 years the Contractor has been the subject of a complaint or pending action in a legal administrative proceeding alleging that Contractor discriminated against its employees, subcontractors, vendors or suppliers. A description of the status or resolution of that complaint, including any remedial action taken and the applicable dates is as follows:

DATE OF CLAIM	LOCATION	DESCRIPTION OF CLAIM	LITIGATION (Y/N)	STATUS	RESOLUTION/ REMEDIAL ACTION TAKEN

Contractor Name: _____

Certified By _____ Title _____
Name

_____ Date _____
Signature



City of San Diego

EQUAL OPPORTUNITY CONTRACTING (EOC)

1200 Third Avenue • Suite 200 • San Diego, CA 92101

Phone: (619) 236-6000 • Fax: (619) 236-5904

BB. WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report (WFR)*.

NO OTHER FORMS WILL BE ACCEPTED

CONTRACTOR IDENTIFICATION

Type of Contractor: Construction Vendor/Supplier Financial Institution Lessee/Lessor
 Consultant Grant Recipient Insurance Company Other

Name of Company: _____

ADA/DBA: _____

Address (Corporate Headquarters, where applicable): _____

City: _____ County: _____ State: _____ Zip: _____

Telephone Number: () _____ Fax Number: () _____

Name of Company CEO: _____

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: _____

City: _____ County: _____ State: _____ Zip: _____

Telephone Number: () _____ Fax Number: () _____

Type of Business: _____ Type of License: _____

The Company has appointed: _____

As its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: _____

Telephone Number: () _____ Fax Number: () _____

One San Diego County (or Most Local County) Work Force - Mandatory

Branch Work Force * Managing Office Work Force

Check the box above that applies to this WFR.

**Submit a separate Work Force Report for all participating branches. Combine WFRs if more than one branch per county.*

I, the undersigned representative of _____

(Firm Name)

_____ hereby certify that information provided

(County)

(State)

herein is true and correct. This document was executed on this _____ day of _____, 20____

(Authorized Signature)

(Print Authorized Signature Name)

ATTACHMENT

NAME OF FIRM: _____ DATE: _____

OFFICE(S) or BRANCH(ES): _____ COUNTY: _____

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) Black, African-American
- (2) Hispanic, Latino, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) White, Caucasian
- (7) Other ethnicity; not falling into other groups

ADMINISTRATION OCCUPATIONAL CATEGORY	(1) Black		(2) Hispanic		(3) Asian		(4) American Indian		(5) Filipino		(6) White		(7) Other Ethnicity	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Management & Financial														
Professional														
A&E, Science, Computer														
Technical														
Sales														
Administrative Support														
Services														
Crafts														
Operative Workers														
Transportation														
Laborers*														

*Construction laborers and other field employees are not to be included on this page

Totals Each Column														
--------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Grand Total All Employees

Indicate by Gender and Ethnicity the Number of Above Employees Who Are Disabled:

Disabled														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Non-Profit Organizations Only:

Board of Directors														
Volunteers														
Artists														

NAME OF FIRM: _____ DATE: _____

OFFICE(S) or BRANCH(ES): _____ COUNTY: _____

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) Black, African-American
- (2) Hispanic, Latino, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) White, Caucasian
- (7) Other ethnicity; not falling into other groups

TRADE OCCUPATIONAL CATEGORY	(1) Black		(2) Hispanic		(3) Asian		(4) American Indian		(5) Filipino		(6) White		(7) Other Ethnicity	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Brick, Block or Stone Masons														
Carpenters														
Carpet, Floor & Tile Installers Finishers														
Cement Masons, Concrete Finishers														
Construction Laborers														
Drywall Installers, Ceiling Tile Inst														
Electricians														
Elevator Installers														
First-Line Supervisors/Managers														
Glaziers														
Helpers; Construction Trade														
Millwrights														
Misc. Const. Equipment Operators														
Painters, Const. & Maintenance														
Pipelayers, Plumbers, Pipe & Steam Fitters														
Plasterers & Stucco Masons														
Roofers														
Security Guards & Surveillance Officers														
Sheet Metal Workers														
Structural Metal Fabricators & Fitters														
Welding, Soldering & Brazing Workers														
Workers, Extractive Crafts, Miners														
Totals Each Column														
Grand Total All Employees	<div style="border: 2px solid black; width: 150px; height: 20px; display: inline-block;"></div>													
Indicate By Gender and Ethnicity the Number of Above Employees Who Are Disabled:														



CITY OF SAN DIEGO WORK FORCE REPORT

HISTORY

The Work Force Report (WFR) is the document that allows the City of San Diego to analyze the work forces of all firms wishing to do business with the City. We are able to compare the firm’s work force data to County Labor Force Availability (CLFA) data derived from the United States Census. CLFA data is a compilation of lists of occupations and includes the percentage of each ethnicity we track (Black, Hispanic, Asian, American Indian, Filipino) for each occupation. Currently, our CLFA data is taken from the 2010 Census. In order to compare one contractor to another, it is important that the data we receive from the Contractor firm is accurate and organized in the manner that allows for this fair comparison.

WORK FORCE & BRANCH WORK FORCE REPORTS

When submitting a WFR, especially if the WFR is for a specific project or activity, we would like to have information about the firm’s work force that is actually participating in the project or activity. That is, if the project is in San Diego and the work force is from San Diego, we want a San Diego County Work Force Report.¹ By the same token, if the project is in San Diego, but the work force is from another county, such as Orange or Riverside County, we want a Work Force Report from that county.² If participation in a San Diego project is by work forces from San Diego County and, for example, from Los Angeles County and from

Sacramento County, we ask for separate Work Force Reports representing your firm from each of the three counties.

MANAGING OFFICE WORK FORCE

Equal Opportunity Contracting may occasionally ask for a Managing Office Work Force (MOWF) Report. This may occur in an instance where the firm involved is a large national or international firm but the San Diego or other local work force is very small. In this case, we may ask for both a local and a MOWF Report.^{1,3} In another case, when work is done only by the Managing Office, only the MOWF Report may be necessary.³

TYPES OF WORK FORCE REPORTS:

Please note, throughout the preceding text of this page, the superscript numbers one ¹, two ² & three ³. These numbers coincide with the types of work force report required in the example. See below:

- ¹ One San Diego County (or Most Local County) Work Force – Mandatory in most cases
- ² Branch Work Force *
- ³ Managing Office Work Force

**Submit a separate Work Force Report for all participating branches. Combine WFRs if more than one branch per county.*

Exhibit A: Work Force Report Job categories-Administration

Refer to this table when completing your firm’s Work Force Report form(s).

Management & Financial

Advertising, Marketing, Promotions, Public Relations, and Sales Managers
Business Operations Specialists
Financial Specialists
Operations Specialties Managers
Other Management Occupations

Top Executives

Professional

Art and Design Workers
Counselors, Social Workers, and Other Community and Social Service Specialists
Entertainers and Performers, Sports and Related Workers

ATTACHMENT

Health Diagnosing and Treating Practitioners
Lawyers, Judges, and Related Workers
Librarians, Curators, and Archivists
Life Scientists
Media and Communication Workers
Other Teachers and Instructors
Postsecondary Teachers
Primary, Secondary, and Special Education School Teachers
Religious Workers
Social Scientists and Related Workers

Architecture & Engineering, Science, Computer

Architects, Surveyors, and Cartographers
Computer Specialists
Engineers
Mathematical Science Occupations
Physical Scientists

Technical

Drafters, Engineering, and Mapping Technicians
Health Technologists and Technicians
Life, Physical, and Social Science Technicians
Media and Communication Equipment Workers

Sales

Other Sales and Related Workers
Retail Sales Workers
Sales Representatives, Services
Sales Representatives, Wholesale and Manufacturing
Supervisors, Sales Workers

Administrative Support

Financial Clerks
Information and Record Clerks
Legal Support Workers
Material Recording, Scheduling, Dispatching, and Distributing Workers
Other Education, Training, and Library Occupations
Other Office and Administrative Support Workers
Secretaries and Administrative Assistants
Supervisors, Office and Administrative Support Workers

Services

Building Cleaning and Pest Control Workers
Cooks and Food Preparation Workers
Entertainment Attendants and Related Workers
Fire Fighting and Prevention Workers
First-Line Supervisors/Managers, Protective Service Workers
Food and Beverage Serving Workers

Funeral Service Workers
Law Enforcement Workers
Nursing, Psychiatric, and Home Health Aides
Occupational and Physical Therapist Assistants and Aides
Other Food Preparation and Serving Related Workers
Other Healthcare Support Occupations
Other Personal Care and Service Workers
Other Protective Service Workers
Personal Appearance Workers
Supervisors, Food Preparation and Serving Workers
Supervisors, Personal Care and Service Workers
Transportation, Tourism, and Lodging Attendants

Crafts

Construction Trades Workers
Electrical and Electronic Equipment Mechanics, Installers, and Repairers
Extraction Workers
Material Moving Workers
Other Construction and Related Workers
Other Installation, Maintenance, and Repair Occupations
Plant and System Operators
Supervisors of Installation, Maintenance, and Repair Workers
Supervisors, Construction and Extraction Workers
Vehicle and Mobile Equipment Mechanics, Installers, and Repairers
Woodworkers

Operative Workers

Assemblers and Fabricators
Communications Equipment Operators
Food Processing Workers
Metal Workers and Plastic Workers
Motor Vehicle Operators
Other Production Occupations
Printing Workers
Supervisors, Production Workers
Textile, Apparel, and Furnishings Workers

Transportation

Air Transportation Workers
Other Transportation Workers
Rail Transportation Workers
Supervisors, Transportation and Material Moving Workers
Water Transportation Workers

Laborers

Agricultural Workers
Animal Care and Service Workers
Fishing and Hunting Workers
Forest, Conservation, and Logging Workers
Grounds Maintenance Workers
Helpers, Construction Trades
Supervisors, Building and Grounds Cleaning and Maintenance Workers
Supervisors, Farming, Fishing, and Forestry Workers

Exhibit B: Work Force Report Job categories-Trade**Brick, Block or Stone Masons**

Brickmasons and Blockmasons
Stonemasons

Pipelayers, Plumbers, Pipefitters and Steamfitters
Roofers
All other Construction Trades

Carpenters**Carpet, floor and Tile Installers and Finishers**

Carpet Installers
Floor Layers, except Carpet, Wood and Hard Tiles
Floor Sanders and Finishers
Tile and Marble Setters

Cement Masons, Concrete Finishers

Cement Masons and Concrete Finishers
Terrazzo Workers and Finishers

Construction Laborers**Drywall Installers, Ceiling Tile Inst**

Drywall and Ceiling Tile Installers
Tapers

Electricians**Elevator Installers and Repairers****First-Line Supervisors/Managers**

First-line Supervisors/Managers of Construction Trades and Extraction Workers

Glaziers**Helpers, Construction Trade**

Brickmasons, Blockmasons, and Tile and Marble Setters
Carpenters
Electricians
Painters, Paperhangers, Plasterers and Stucco

Millwrights

Heating, Air Conditioning and Refrigeration Mechanics and Installers
Mechanical Door Repairers
Control and Valve Installers and Repairers
Other Installation, Maintenance and Repair Occupations

Misc. Const. Equipment Operators

Paving, Surfacing and Tamping Equipment Operators
Pile-Driver Operators
Operating Engineers and Other Construction Equipment Operators

Painters, Const. Maintenance

Painters, Construction and Maintenance
Paperhangers

Pipelayers and Plumbers

Pipelayers
Plumbers, Pipefitters and Steamfitters

Plasterers and Stucco Masons**Roofers****Security Guards & Surveillance Officers****Sheet Metal Workers****Structural Iron and Steel Workers****Welding, Soldering and Brazing Workers**

Welders, Cutter, Solderers and Brazers
Welding, Soldering and Brazing Machine Setter, Operators and Tenders

Workers, Extractive Crafts, Miners

EQUAL BENEFITS ORDINANCE CERTIFICATION OF COMPLIANCE



For additional information, contact:
CITY OF SAN DIEGO
EQUAL BENEFITS PROGRAM
 202 C Street, MS 9A, San Diego, CA 92101
 Phone (619) 533-3948 Fax (619) 533-3220

COMPANY INFORMATION

Company Name:	Contact Name:
Company Address:	Contact Phone:
	Contact Email:

CONTRACT INFORMATION

Contract Title:	Start Date:
Contract Number (if no number, state location):	End Date:

SUMMARY OF EQUAL BENEFITS ORDINANCE REQUIREMENTS

The Equal Benefits Ordinance [EBO] requires the City to enter into contracts only with contractors who certify they will provide and maintain equal benefits as defined in San Diego Municipal Code §22.4302 for the duration of the contract. To comply:

- Contractor shall offer equal benefits to employees with spouses and employees with domestic partners.
 - Benefits include health, dental, vision insurance; pension/401(k) plans; bereavement, family, parental leave; discounts, child care; travel/relocation expenses; employee assistance programs; credit union membership; or any other benefit.
 - Any benefit not offered to an employee with a spouse, is not required to be offered to an employee with a domestic partner.
- Contractor shall post notice of firm's equal benefits policy in the workplace and notify employees at time of hire and during open enrollment periods.
- Contractor shall allow City access to records, when requested, to confirm compliance with EBO requirements.
- Contractor shall submit *EBO Certification of Compliance*, signed under penalty of perjury, prior to award of contract.

NOTE: This summary is provided for convenience. Full text of the EBO and its Rules are posted at www.sandiego.gov/administration.

CONTRACTOR EQUAL BENEFITS ORDINANCE CERTIFICATION

Please indicate your firm's compliance status with the EBO. The City may request supporting documentation.

- I affirm compliance with the EBO because my firm (*contractor must select one reason*):
- Provides equal benefits to spouses and domestic partners.
 - Provides no benefits to spouses or domestic partners.
 - Has no employees.
 - Has collective bargaining agreement(s) in place prior to January 1, 2011, that has not been renewed or expired.
- I request the City's approval to pay affected employees a cash equivalent in lieu of equal benefits and verify my firm made a reasonable effort but is not able to provide equal benefits upon contract award. I agree to notify employees of the availability of a cash equivalent for benefits available to spouses but not domestic partners and to continue to make every reasonable effort to extend all available benefits to domestic partners.

It is unlawful for any contractor to knowingly submit any false information to the City regarding equal benefits or cash equivalent associated with the execution, award, amendment, or administration of any contract. [San Diego Municipal Code §22.4307(a)]

Under penalty of perjury under laws of the State of California, I certify the above information is true and correct. I further certify that my firm understands the requirements of the Equal Benefits Ordinance and will provide and maintain equal benefits for the duration of the contract or pay a cash equivalent if authorized by the City.

Name/Title of Signatory	Signature	Date
-------------------------	-----------	------

FOR OFFICIAL CITY USE ONLY

Receipt Date:	EBO Analyst:	<input type="checkbox"/> Approved	<input type="checkbox"/> Not Approved – Reason:
---------------	--------------	-----------------------------------	---

ATTACHMENT “A”

I. SPECIFICATIONS CHECKLIST FOR ALL REFUSE PACKERS

It is the intent of these specifications to describe a high quality and high performing truck cab and chassis complete with body required for refuse collection. The refuse packer will be utilized for collection of residential refuse and greens waste including hard-to-collect (HTC) areas with narrow alleys and roadways with difficult turn-around or obstructions.

These refuse packers are expected to perform in ambient temperatures that may reach 110° F. The terms “high quality” and “high performing” shall be interpreted to mean that the equipment shall exceed the usual quality, operational capacity, or functionality of standard equipment and shall be able to withstand unusual strain, exposure, temperature, wear, and use. More detailed component specifications are outlined in Section II of this Attachment.

Completed unit shall conform to all requirements of the California Motor Vehicle Code. Code requirements shall include, but not be limited to the following:

- 1. Gross vehicle weight requirements.
 - 2. Bridge formula weight requirements to support required payload.
 - 3. Legal axle weight requirements.
 - 4. Fender and Mudguard DMV requirements per Vehicle Code Section 27600
- Meets Specifications or Exceptions: _____

- 1. The payload capacity for the trucks shall be 8.5 tons for both the 18 and 25CY rear loader packers.

Payload offered (Diesel): 18CY _____; 25CY _____ (tons)

Payload offered (CNG): 18CY _____; 25CY _____ (tons)

A. GROSS VEHICLE WEIGHT RATING (GVWR)

GVWR shall be a minimum of 37,000 pounds for the single axle (S/A) 18CY packer configuration (with pusher) and 60,000 pounds for the tandem axle (T/A) 25CY packer.

GVWR Offered: 18CY _____; 25CY _____

- Meets Specifications or Exceptions: _____

B. ENGINE AND EQUIPMENT

The diesel fueled engine shall be turbo charged, four (4) cycle, and wet sleeve design. The engine shall be the Cummins ISL 345. Torque rise shall be a minimum of 22%.

Engine Manufacturer: _____

Model/Horsepower Offered: _____ HP at _____ RPM

Gross Torque Offered: _____ FT-LBS at _____ RPM

Torque Rise Offered: _____ %

Meets Specifications or Exceptions: _____

The CNG fueled engine shall be the CUMMINS WESTPORT turbo charged, four (4) cycle ISL G320. The engine shall be rated at a minimum S.A.E gross horsepower of 323 at 2,000 RPM and S.A.E gross torque of 1,000 foot-lbs. at 1,300 RPM.

Engine Manufacturer: _____

Model/Horsepower Offered: _____ HP at _____ RPM

Gross Torque Offered: _____ FT-LBS at _____ RPM

Torque Rise Offered: _____ %

Meets Specifications or Exceptions: _____

Diesel and CNG Engine equipment shall include the following:

1. Oil filter, full flow spin-on type.

Meets Specifications or Exceptions: _____

2. For Diesel Engine equipment only: Diesel Fuel Filter, spin on type.

Meets Specifications or Exceptions: _____

3. For CNG Engine equipment only: CNG Filter shall be the Cummins 3607140 Fleetguard NGV NG5900 low-pressure filter.

Meets Specifications or Exceptions: _____

4. Exhaust system vertical muffler and exhaust pipe with heat guard mounted on left side at rear of cab in compliance with Vehicle Code 27152. The entire exhaust system shall be approved by the engine Manufacturer, and shall meet all noise requirements set forth in the California Vehicle Code.

Meets Specifications or Exceptions: _____

5. Engine specified shall incorporate the maximum heavy-duty cooling system available from OEM.

Meets Specifications or Exceptions: _____

6. Cooling system specified shall be provided with extended life coolant.

Meets Specifications or Exceptions: _____

7. Engine shutdown shall be automatic and shall operate on high water temperature, low oil pressure, and low water level. Shutdown shall be Kysor or equal.

Manufacturer: _____

Meets Specifications or Exceptions: _____

8. Shall have heavy-duty replacement dry air cleaner and shall be matched to provide maximum engine air intake and minimum air restriction and shall be approved by the engine Manufacturer. All intake tubing/plumbing shall be corrosive and moisture resistant stainless steel, or equal. An air restriction indicator shall be located in cab.

Meets Specifications or Exceptions: _____

C. DIESEL FUEL TANK/CNG FUEL SYSTEM

The DIESEL fuel tank shall be of aluminum construction and a minimum of 70 U.S. gallons total capacity, mounted on left side of vehicle, and shall not interfere with the body installation.

Capacity Offered: _____ gals.

Meets Specifications or Exceptions: _____

The CNG fuel tank(s) shall be comprised of aluminum/carbon fiber type 3 tank(s) and shall have a total of 75 diesel gas equivalent (DGE) capacity. In order to keep the overall height as low as possible, the location of the tank shall be at the front of the packer body. The hydraulic oil tank reservoir will be located on the left hand frame rail. Fuel tank(s) shall be full at time of delivery. The complete fuel system shall be stainless steel with adequate capabilities suitable for 3,600-PSI service and flow requirements for both "slow" and "fast-fill" fueling station.

Capacity Offered: _____ DGEs

Meets Specifications or Exceptions: _____

The fill receptacle shall be a 3,600 PSI type NGV1. All high pressure tubing shall be stainless steel with a minimum 3/8" outside diameter with a wall thickness suitable for 3600 PSI service pressure and shall provide adequate flow for supplied CNG powered engine. There will be two (2) fuel fill locations as follows;

1. Slow fill receptacle to be located on the left hand rear of the packer body (not on tailgate) and ensure there is adequate ground clearance.
2. Fast fill receptacle to be located on the left hand side forward of the front rear axle (or pusher axel).

Meets Specifications or Exceptions: _____

The Fuel Management Module (FMM) shall be manufactured by Agility Fuel Systems or approved equal and shall incorporate the following components; 0 – 5,000 PSI gauge, 0 – 300 PSI gauge, 1/4 turn shut-off valve, lock-off solenoid, high pressure regulator (ITT Conoflow with an output pressure of 125 PSI), high pressure coalescing filter, fuel gauge pressure transducer, and high pressure fuel line bleed tee to allow safe venting of the fuel system for service function. The FMM shall be mounted on the left hand street side frame rail, protected by latchable door(s) with lock, also forward of the rear axle. A safety interlock system shall be incorporated into the fuel management door to prevent the vehicle from being started if the door is not securely latched in the closed position. This is to prevent accidental drive off with fueling hose connected.

FMM offered: _____

Meets Specifications or Exceptions: _____

An auxiliary fuel gauge shall be mounted in the dash area of the driver view and this shall be driven by a pressure transducer located on the high-pressure side of the fuel system.

System shall have an "Amerex" methane detection system, model # AM GADS III Plus or equal, with two sensors, one in the cab and one in the engine compartment. The methane detection system shall be operational at all times.

Meets Specifications or Exceptions: _____

D. ENGINE COOLING

The cooling system shall be so designed that the circulating coolant water at the top of the radiator will not rise above Manufacturers suggested operating temperature when operating under maximum load, speed or grade, regardless of ambient temperature. The cooling system shall be equipped with a thermostat to maintain proper temperature of the coolant when operated continuously over twelve (12) hour work cycle, under load, road speed, or grade, regardless of outside ambient temperature.

Cooling system size (square inch) offered: _____

Meets Specifications or Exceptions: _____

E. POWER STEERING

Power steering shall be provided. Steering effort shall not exceed 150 inch-pounds measured at the steering column with a fully loaded front axle, rated tire pressure, on dry brushed concrete and at a rate of one (1) turn per second. Single gear type shall be provided.

Steering Effort Offered: _____

Meets Specifications or Exceptions: _____

F. STEERING WHEEL CLEARANCE

Driver steering wheel shall have a minimum of 4" clearance around the outer radius of wheel to prevent interference with cab equipment, including but not limited to boarding handles and steering wheel.

Driver Steering Wheel Clearance Offered: _____

Meets Specifications or Exceptions: _____

G. TURNING DIAMETER

Operating conditions of the equipment specified, including but not limited to cul-de-sacs, narrow streets, steep grades, and other confining parameters shall dictate the maximum maneuverability that shall be provided. Maneuverability will be an important factor in the selection process with preference given to those vehicles with the highest degree of maneuverability as measured by turning diameter.

The single axle 18CY unit specified shall have a maximum turning diameter of 60 FT. This dimension shall be the "wall to wall" diameter as measured from the corner of the front bumper, tracing a 360° circle.

Maximum Turning Diameter Offered (18CY): _____

Meets Specifications or Exceptions: _____

The tandem axle 25CY unit specified shall have a maximum turning diameter of 71 FT. This dimension shall be the "wall to wall" diameter as measured from the corner of the front bumper, tracing a 360° circle.

Maximum Turning Diameter Offered (25CY): _____

Meets Specifications or Exceptions: _____

H. FRONT SUSPENSION

The front suspension for both the 18CY and 25CY capacity packer trucks shall be taper leaf/parabolic design. Spring capacity shall be rated 20,000 pound minimum. Shock absorbers shall be provided.

Meets Specifications or Exceptions:_____

I. CHASSIS CONSTRUCTION

The frame shall be constructed of steel having a yield strength of not less than 100,000 pounds per square inch. The basic frame shall have a channel cross section. The frame shall have a minimum R.B.M. of 1,969,000 inch-pounds per rail. If reinforcement is required to obtain this R.B.M., the reinforcement cross-section shall be an inverted "L" or full channel. Fish plating is not acceptable.

Meets Specifications or Exceptions:_____

J. BRAKE EQUIPMENT

1. Service Brakes

Shall be full air brakes of the "S-CAM" design with automatic slack adjusters, Bendix ASA-5, or equal, Antilock (ABS) with full traction control. The system shall include an air compressor rated at 12 CFM minimum and plumbed to the clean side of the air intake system. Bendix System Guard AD-9 or equal air dryer shall be installed ahead of the first air tank. Air tank drains shall be remote mounted with manual petcocks to a central manifold for easy access behind left front tire area and have the ability to drain each tank individually. Air lines shall be color-coded continuously throughout each individual circuit, and color-coding shall be visible with 6" of each connection of tie-down clamp. All rubber hoses shall be free of paint. All flex air lines to brake chambers shall be wire-braded. Brakes shall be "Extended Service" maximum size offered OEM, minimum 16-1/2 x 7" front and 16-1/2 x 8-5/8" rear.

The air compressor shall be plumbed to the clean side of the air intake system. Brake pedal shall be conveniently located at both operator locations for easy access and driver comfort. If the steering column is located in the drivers foot well, and only one (1) brake pedal is offered, it shall be on the left side (street) of the steering column. If steering column is not located in driver foot well, Bidders shall submit specifications identifying the location of the steering column as well as operator clearances with their Bid.

Brake Manufacturer:_____ Model:_____

Air Dryer Manufacturer:_____ Model:_____

Meets Specifications or Exceptions:_____

2. Parking Brakes

The spring set parking brakes shall be automatically actuated in the event of failure in either the main or protected air system. Parking brakes shall be provided on both axles of the tandems. The parking brake must hold fully loaded truck without any movement headed up or down hill at a 24° slope.

Meets Specifications or Exceptions: _____

K. FRONT BUMPER

An adequate front bumper with recessed steps to allow cleaning of windshield shall be provided. A tow device or tow hooks adequate for pulling stuck trucks out of landfill fully loaded without damaging any part of the cab or chassis shall be installed.

Meets Specifications or Exceptions: _____

L. ELECTRICAL

1. General

The electrical system shall be 12 volt - negative ground.

2. Batteries

Shall provide battery group, maintenance-free, rated at a minimum of 2,400 C.C.A. at 0° Fahrenheit total. The batteries shall be mounted in a location that is easily accessible for service and replacement located on left side of vehicle and shall not interfere with body installations. A battery disconnect switch shall be provided.

Meets Specifications or Exceptions: _____

3. Alternator

Shall be rated a minimum capacity of 135 amps.

Meets Specifications or Exceptions: _____

4. Electrical Wiring

All electrical wiring shall be installed in a loom, be color-coded, or color-coded and number stamped, identical to all vehicles in production per purchase order and shall be properly secured to prevent damage by movement or vibration. All electrical connections shall be soldered; Scotch Loks and similar connectors are prohibited. Conductors shall be properly sized to minimize voltage drop. Grommets shall be provided where wire passes through frames or gussets.

Meets Specifications or Exceptions: _____

M. LIGHTING

Lighting provided shall include daytime running lights and LED tail, brake marker/clearance. Directional signals provided shall be amber. Additional turn signals shall be mounted on cab doors. The following additional lighting requirements shall be provided:

1. All lighting and reflectors shall meet or exceed FMVSS 108.

Meets Specifications or Exceptions: _____

2. For long life and ease of service, all clearance, tail stop lights, and back-up lights shall be plug-in type, grommet mounted, shock resistant, water-proof, with Lexan Lens. They shall be Truk-Lite, or an approved equal.

Manufacturer: _____

Meets Specifications or Exceptions: _____

3. Two (2) wide-angle halogen working lights shall be attached to the body to illuminate the container during the container lift and dump cycle. Exact location of these lights shall be determined by City at the Pre-Production Meeting. Controls for lights shall be mounted in the cab.

Meets Specifications or Exceptions: _____

4. All wiring shall be enclosed in a loom and properly secured to prevent damage by movement or vibration. All electrical connections shall be soldered; Scotch Loks and similar connectors are prohibited. Reflectors provided shall be rivet secured type, adhesive style is unacceptable.

Meets Specifications or Exceptions: _____

5. All wiring shall be color coded and consistent with color codes of the cab and chassis wiring.

Meets Specifications or Exceptions: _____

N. REAR SUSPENSION

The rear suspension of the 18CY packer shall have a minimum rated capacity of 25,500 pounds, and include transverse torque rods. Suspension provided shall be Hendrickson Model or equal.

Capacity Offered: _____

Manufacturer: _____ Model: _____

Meets Specifications or Exceptions:_____

The rear suspension of the 25CY packer shall have a minimum rated capacity of 40,000 pounds, and include transverse torque rods. Suspension provided shall be Hendrickson Model HMX400 or equal.

Capacity Offered:_____

Manufacturer:_____ Model:_____

Meets Specifications or Exceptions:_____

O. FRONT AXLE

The front axle provided shall be rated a minimum of 20,000pounds for both the 18CY and 25CY capacity packer truck.

Rating Offered:_____

Meets Specifications or Exceptions:_____

P. WHEELS

Front and rear wheels for both the 18CY and 25CY rear loading refuse packers shall be hub piloted. All wheels shall be Alcoa aluminum disc style, with drop center. The front wheel size shall be 22.5 x 9.0, ten (10) hole; 10,000 GVWR. The rear wheels shall be 22.5 x 9.0, ten (10) hole; 9,000 GVW each. All wheels shall be equipped with lug nut indicators.

Meets Specifications or Exceptions:_____

The 18CY rear loading refuse packer shall utilize a PUSHER AXLE. The wheels shall be Budd/Disc style with drop center. The wheel size shall be 17.5 x 6.75, eight (8) hole.

Meets Specifications or Exceptions:_____

Q. TIRES

Each tire shall have a rating of 10,000 pounds minimum. The front and rear tires provided shall be 315/80R-22.5 (L), twenty (20) ply highway radial tread design.

Tire Rating Offered:_____

Meets Specifications or Exceptions:_____

Pusher axle tires provided shall be 235/70R x 17.5 (J), 16 ply highway radial tread design. Please specify tire manufacturer and tread design

Manufacturer/tread design offered: _____

Manufacturer/ tread design _____

Meets Specifications or Exceptions: _____

R. CAB

The cab shall be equipped with an electric over hydraulic tilting mechanism for maintenance.

Meets Specifications or Exceptions: _____

S. AIR CONDITIONING

OEM integral air-conditioning shall be provided. Roof mounted units are unacceptable. The air conditioning provided shall maintain the cab temperature at 70° Fahrenheit when ambient temperature is 110° Fahrenheit. Factory installed, ceiling mounted air conditioning (evaporator only, condenser in front of radiator) air shall be diffused to upper torso of driver for maximum cooling. Fresh air heater and integral defroster shall be directed to both sides of cab and windshield. All cab glass shall be tinted in accordance with California Vehicle Code. Rear window shall be tinted to a No. 3 level.

Meets Specifications or Exceptions: _____

T. LUBRICATION

All grease zerks fittings shall be easily accessible from ground level. Remote grease zerks shall be provided as required. All lubrication fittings shall be accessible for servicing without the use of special adapters.

Meets Specifications or Exceptions: _____

U. INSTALLATION

The installation of the body on the cab and chassis shall be done in accordance with current industry practice. The body shall be centered laterally on the truck frame and there shall be no evidence of binding or interference. Special consideration shall be given to the following points; accessibility of the various units which require periodic maintenance operations, ease of operations, and symmetrical proportions.

Meets Specifications or Exceptions: _____

1. All welding is to be done by qualified welders. Welds exhibiting evidence or lack of penetration or lack of fusion will be cause for rejection of the delivered equipment. Weld slag shall be removed prior to application of primer paint.

Electrical wiring shall be properly secured to prevent damage by movement or vibration.

Meets Specifications or Exceptions:_____

2. Welding shall not be employed in the assembly of the compaction mechanism or packer body in a manner that will prevent the ready removal of any component part for service or repair.

Meets Specifications or Exceptions:_____

V. PAINT

The rear of the body shall be striped with 8" wide orange Chevron stripes at a 60° angle and 8" spacing with the "V" at the bottom. The orange stripes shall be Omaha orange, DuPont 311 or OEM equivalent. Bidder shall provide painted orange accent stripes on the cab. Location to be determined at the pre-production meeting and final approval by the City will be given prior to installation.

Stripe Brand Offered:_____

Meets Specifications or Exceptions:_____

W. MOUNTING AND SAFETY REQUIREMENTS

The complete body shall comply with all applicable requirements of the California Vehicle Code, Cal-OSHA, D.O.T. and ANSI standards.

Meets Specifications or Exceptions:_____

X. DIGITAL MOBILE RADIO SYSTEM

1. General Description

The equipment provided shall be the Motorola XTL1500, 700 MHz trunked digital radio. No other radio will be considered unless previously approved through the City of San Diego Information Technology Department and Communications Division, (619) 525-8650. The mobile radio is to be priced separately with quantities determined at the pre-production meeting.

Manufacturer:_____ Model:_____

Meets Specifications or Exceptions:_____

2. Installation

The radio set shall be capable of being easily installed by City personnel in any suitable location. All mounting hardware shall be furnished by the Contractor.

Meets Specifications or Exceptions: _____

3. Mobile Antenna

The antenna furnished shall be equipped with a 17 foot Co-axial cable.

Manufacturer: _____ Model: _____

Meets Specifications or Exceptions: _____

Y. ON-BOARD SCALES/WEIGHT SYSTEM

Complete system shall be Trans-Data Model TD2965-L, or approved equal. Scale system shall be installed by the Contractor, operational and calibrated prior to acceptance of completed refuse packer by the City.

Manufacturer: _____ Model: _____

Meets Specifications or Exceptions: _____

1. General

The system installed shall consist of an in-cab monitor that receives signal voltages from each of the front and rear axles load beams; two (2) on the 18CY and three (3) on the 25CY axle configurations. Monitor installed shall have the capability of indicating the following weight readings:

- a. Front axle gross weight.
- b. Drive axle gross weight.
- c. Total vehicle gross weight.
- d. Location and mounting of monitor shall be approved by the City prior to installation.

Meets Specifications or Exceptions: _____

2. Load Beams

Load beams shall be constructed of grade 17-4 stainless steel with all gauging and wire connections potted and sealed to protect against corrosion and the elements. Load beams shall be capable of signaling both positive and negative load impositions.

Meets Specifications or Exceptions: _____

3. Meter

Read-out weight numerals shown on the meter shall be bright red LED's and clearly visible. Load beam connections to the meter shall be through an interface board with adjustable pots on each channel to permit the beam signals to be balanced under no load conditions. Meter shall be equipped with an adjustable overweight warning device.

Meets Specifications or Exceptions:_____

4. Mounting System

Load beam mounting shall not affect structural integrity of the axle. Mounting hardware shall be designed to eliminate any interface deflection between load beam and mounting member. Mounting shall permit sensor beam to track negative voltage loads indicating loss of original tare load.

Meets Specifications or Exceptions:_____

5. Power

Power supply shall be rated twelve (12) volts and supplied to the meter interface board by a fused three (3) wire shielded cable. Power shall be supplied and meter activated when truck ignition is on. All signal wires from the load beams to the meter shall be in shielded cable, and enclosed in a loom protective harness. All wiring shall be secured and follow standard chassis routing.

Meets Specifications or Exceptions:_____

Z. TOOL BOX

24" H x 18" W, 18" D, aluminum, single door tool box mounted on the left side of the truck. The tool box and door shall be water tight and capable of storing 10 pounds dry chemical fire extinguisher (upright), two (2) bags of sand (25 pounds) each, and an emergency triangle kit.

Meets Specifications or Exceptions:_____

AA. SIGN HOLDERS

Two (2) Roadway Displays sign holders shall be installed, one on each side of the body (Stock No. SS315955) secured with self taping screws. Riveted installation will not be accepted. Frames shall be 2-1/4" x 95-1/2" x 31-1/2" outside diameter, satin anodized aluminum, tamper proof design, with stainless steel cam-over springs.

Meets Specifications or Exceptions:_____

BB. BROOM AND SHOVEL HOLDERS

Three (3) receptacles for accepting two (2) brooms (sweeper and push style) and one (1) shovel shall be provided similar to current design that is attached to the front of the packer body. The actual design shall be agreed upon subsequent to the award of the bid.

II. SPECIFICATIONS CHECKLIST FOR DIESEL OR CNG FUELED 18 AND 25 CUBIC YARD (CY) CAPACITY REAR LOADING REFUSE PACKERS

A. GENERAL CAB AND CHASSIS SPECIFICATIONS

The cab and chassis provided shall be of cab over engine design and industry designated as “4 x 2” for the 18CY and “6 x 4” for the 25CY rear loading refuse packers. The cab shall be of aluminum or steel construction. Trucks that incorporate fiberglass panels that are not susceptible to sustaining vehicle fires may be considered. The cab and chassis provided shall be an OEM standard production model and shall not be built-up utilizing various Manufacturers’ components.

Meets Specifications or Exceptions:_____

B. WHEELBASE

Wheelbase of the truck provided shall be the minimum possible to achieve maximum maneuverability. Maximum wheelbase acceptable for the 18CY rear loading refuse packer shall be 164 inches.

Wheelbase Offered:_____

Meets Specifications or Exceptions:_____

Maximum wheelbase acceptable for the 25CY rear loading refuse packer shall be 196 inches.

Wheelbase Offered:

Meets Specifications or Exceptions:_____

C. CAB TO AXLE/TRUNNION

Cab to axle (CA) dimension as measured from the effective back of cab to centerline of rear axle for the 18CY rear loading refuse packer shall be in the range of 120 inches to 140 inches.

CA Dimension Offered:_____

Meets Specifications or Exceptions:_____

Cab to trunnion (CT) dimension as measured from the effective back of cab to centerline of rear trunnion for the 25CY rear loading refuse packer shall be in the range of 162 inches.

CT Dimension Offered:_____

Meets Specifications or Exceptions:_____

D. TRANSMISSION

The transmission shall be a six (6) speed automatic and incorporate a direct mounted oil cooler, electronically controlled and include an oil level sensor system, and be Allison HD4500 RDS, or equal. Transmission shall include Allison AK86 package which automatically shifts into neutral when service brakes are applied. A transmission shift lever control shall be provided (touch pad controls are not acceptable). Torque converter shall be Allison Model TC-521, or approved equal. The automatic transmission shall be matched with engine to provide maximum power and efficiency. Both the torque converter and transmission shall have a rated capacity equal to or exceeding the maximum power output of the engine furnished.

Transmission Manufacturer: _____

Model: _____

Torque Converter Manufacturer: _____

Model: _____

Meets Specifications or Exceptions: _____

E. REAR AXLE

The rear axle of the 18CY rear loading packer truck shall be a minimum rated capacity of 23,000 pounds. Rear axle ratio shall be 6.17 to 1.00 as required to provide a minimum 20% gradeability fully loaded and at governed engine speed.

Manufacturer: _____ Model: _____

R/A Ratio: _____ Capacity Offered: _____

Meets Specifications or Exceptions: _____

The 18CY rear loader shall also incorporate a PUSHER AXLE. The axle shall be a bent tube design located 46 to 48 inches (measured from centerline of rear axle to centerline of pusher axle) forward of the rear axle.

Meets Specifications or Exceptions: _____

The pusher axle shall be air actuated via dash mounted controls and shall automatically apply sufficient down pressure to compensate for overloading of the rear drive axle. A pressure relief valve shall be provided to regulate maximum down pressure. The pressure relief valve shall be set to ensure the pusher axle down pressure does not unload the drive axle.

Meets Specifications or Exceptions: _____

Axle shall include: 10 stud, ball seat type hubs, 16.5" x 7" brakes with automatic slack adjusters and provide 71.5 inch tracking

Meets Specifications or Exceptions: _____

Suspension shall be adjustable air-lift type utilizing restraint straps. Ground clearance with rated tires and fully retracted shall not be less than 10 inches.

Meets Specifications or Exceptions: _____

The rear axle of the 25CY rear loading packer truck shall be Dana Spicer model number DSH44, or equal, and a minimum rated capacity of 40,000 pounds. Rear axle ratio shall be approximately 5.57 to 1.00 or as required to provide grade ability of 34.4% at four (4) MPH and a road speed of fifty-five (55) MPH at governed RPM. Rear axle rear ratio shall be compatible with maximum highway speed and transmission in sixth gear mode. The rear axle interlock shall be equipped with an audible interlock alarm in the cab. The alarm shall engage when the interlock is in the on position.

Manufacturer: _____ Model: _____

R/A Ratio: _____ Capacity Offered: _____

Meets Specifications or Exceptions: _____

F. CAB AND EQUIPMENT

1. Cab

Cab provided shall facilitate the multiple functions that this truck is scheduled to perform. The cab shall be left hand drive, low cab forward tilt design. The height of the cab floor above ground level for both the left and right side of the cab shall not exceed 18" with the refuse body empty. The cab shall be of steel or aluminum construction, not to exceed twenty (20%) percent of materials. Operational controls are required on the left-side driver position only. The cab provided shall be capable of being tilted a minimum of 60° (to facilitate engine maintenance).

Meets Specifications or Ride height offered: _____ inches.

2. Seats

Both seats provided shall be air suspension type with isolator and shoulder type seat belt. The Komfort Latch® seat belt tension relief system shall be provided on both left and right seats.

Meets Specifications or Exceptions:_____

3. Doors

Doors are required on both sides of the cab.

Meets Specifications or Exceptions:_____

4. Visibility

Cab design shall not impair operator's vision from any driver position.

Meets Specifications or Exceptions:_____

5. Other Cab Equipment

Gauges and Instruments:

The truck shall be equipped with speedometer, hour meter, odometer, tachometer, oil pressure gauge, dual air pressure gauges, water temperature gauge, fuel gauge, voltmeter, low air pressure warning buzzer, and air cleaner restriction gauge with restriction indicator in cab. Gauges shall be analog type. An air horn and an electric horn shall be provided.

Meets Specifications or Exceptions:_____

6. Mirrors

The truck shall be equipped West Coast type mirrors outside right and left, minimum size of 6" x 15," and equipped with parabolic spot mirrors to enable driver to see down both sides of vehicle. A convex bubble type mirror, 8" mounted via stainless steel mounting bracket shall be mounted above the left windshield. This mirror shall enable the driver to view across the front of the truck. Proposed mirror installations shall be approved by the City prior to attachment. Both street and curbside mirrors shall be electric and remotely adjustable from the operator's seat.

Mirror Manufacturer:_____

Meets Specifications or Exceptions:_____

7. Handles

The truck shall be equipped with exterior and interior cab entry assist handles.

Meets Specifications or Exceptions:_____

8. Radio Equipment

AM/FM Radio, CSS-6000E, or equal, shall be provided. Antenna shall be mounted street side. Two (2) heavy-duty speakers matched to system shall be provided and mounted in the top rear section of cab utilizing theft proof bolts.

Radio Manufacturer:_____ Model:_____

Meets Specifications or Exceptions:_____

9. Steering Column

Steering column tilt and telescoping features are required.

Bidder Offers steering column tilt and telescoping features (check one):

Yes No

G. GENERAL PACKER BODY SPECIFICATIONS

It is the intent of these specifications to describe the minimum requirements of a complete rear loading refuse body. Body design shall eliminate leakage to permit collection in wet/dry applications. The body shall be capable of packing the maximum legal load. The City will consider only those Bidders who can demonstrate proven history of like units have been manufactured, performing similar tasks in service for no less than two (2) years. Name of references and contact personnel shall be supplied with bid.

Meets Specifications or Exceptions:_____

H. BODY

1. Capacity

Both the 18CY and 25CY body capacities will be offered. The capacities offered shall be exclusive of the hopper capacity.

18CY Capacity Offered:_____ 25CY Capacity Offered:_____

Meets Specifications or Exceptions:_____

2. Dimensions

a. Length

The 18CY body shall have an overall length in the range of 220”

The 25CY body shall have an overall length in the range of 270”.

Overall Length Offered: 18CY _____ 25CY _____

Meets Specifications or Exceptions: _____

b. Height

The body shall have an overall height in the range of 97".

Overall Height Offered: _____

Meets Specifications or Exceptions: _____

c. Width

The body shall have a maximum overall width of 96".

Overall Width Offered: _____

Meets Specifications or Exceptions: _____

I. BODY CONSTRUCTION

1. Body shell

Body floor shall be 10 gauge ASTM A-607 grade 50 steel minimum. Body roof shall be 12 gauge ASTM A-607 grade 50 steel minimum. Body sides shall be 11 gauge ASTM A-607 grade 50 steel minimum.

Meets Specifications or Exceptions: _____

2. The body shall incorporate a design to collect fluids preventing any leakage.

Meets Specifications or Exceptions: _____

3. The vertical side channels shall interconnect with the roof channels to form a (external body ribbing) must be vertical and spaced closer together where body compaction pressures are highest (e.g., rear to front).

Meets Specifications or Exceptions: _____

4. Body shall be adequately braced at all points to withstand repeated maximum packing pressures without distortion.

Meets Specifications or Exceptions: _____

5. Rectangular tubing body frames, front and rear, shall be provided to ensure body shape is retained during normal operation.

Meets Specifications or Exceptions: _____

6. A side access door shall be located at the left front corner of the body, at floor level. Door shall be not less than 30" x 30" and shall swing outward right to left on a single continuous piano style hinge. Door is to incorporate both slide bolt and safety pin locking mechanism to securely keep door in "open" position.

Meets Specifications or Exceptions: _____

7. Body floor shall be a flat (smooth) design.

Meets Specifications or Exceptions: _____

8. Mud flaps shall be provided at both rear axles. Rubber fender extensions on the body at both rear axles shall be provided to prevent the wide tires from splashing on the tailboard rider, the body, and hydraulic cylinders.

Meets Specifications or Exceptions: _____

J. HOPPER CONSTRUCTION (18 AND 25 CY REAR LOADERS)

1. Size

The hopper opening shall be a minimum of 80"W x 56"H.

Size Offered: _____ Width x _____ Height (inches)

Meets Specifications or Exceptions: _____

2. Capacity

Minimum acceptable hopper capacity is 2.8 cubic yards.

Capacity Offered: _____ (cubic yards)

Meets Specifications or Exceptions: _____

3. Side Sheets

The hopper lower side sheets shall be 3/16", 100,000 PSI yield strength steel.

Meets Specifications or Exceptions: _____

4. Hopper Floor

Hopper floor shall be a minimum 1/4", 100,000 PSI yield strength steel. Steel utilized shall have a minimum Brinell Hardness of 265 BHN.

Meets Specifications or Exceptions: _____

5. Hopper Sill

Hopper sill shall be a boxed section of 6" x 5" x 5/16" with an 80" length.

Meets Specifications or Exceptions: _____

6. Cycle Time

Total packing blade cycle time shall not exceed thirty-two (32) seconds.

Meets Specifications or Exceptions: _____

7. Hopper Bottom

Hopper bottom shall incorporate a minimum of three (3) external longitudinal flat bar reinforcing members. Each bar shall be a minimum 2" thick and 4" wide.

Meets Specifications or Exceptions: _____

K. TAILGATE

1. The tailgate shall be top-hinged to the body at the roof line utilizing cast steel hinges. It is to be raised for load ejection by two (2), 4" bore, single acting cylinders mounted on the outside of the tailgate. Cylinders shall contain a restricting mechanism to prevent rapid descent of the tailgate and be manufactured with a nitro carburization process versus chrome plating for added durability.

Meets Specifications or Exceptions: _____

2. The tailgate shall be held in the closed position by two (2), one (1)-piece drop forged screw clamps, one (1) on each side of the tailgate. Clamps are to be equipped with a fast spin handle and grease zerck fitting.

Meets Specifications or Exceptions: _____

3. An extruded rubber gasket shall be affixed to the tailgate. The tailgate gasket shall be easily replaceable to provide a watertight seal between the body and tailgate. Sealing shall be effective up to a minimum of 31".

Meets Specifications or Exceptions: _____

4. A rubber gasket or "flap" shall be affixed to the top portion of the rear body-to-tailgate interface to mitigate the contents inside the body to leak or flow through the existing gap in the current design.

Meets Specifications or Exceptions:_____

5. Tailgate side installation shall seal 42" minimum.

Meets Specifications or Exceptions:_____

6. Riding steps shall be provided on each side of the tailgate. Vertical and horizontal grab handles, capable of withstanding 500 pound pull shall be located in a convenient place for rider safety. Rear of tailgate should have two (2) hold handles for each tailboard rider. One (1) should be vertical chest level on the outside of body and the other horizontal above hopper slightly higher than rider's head. The City will provide a drawing and pictures of the vertical handle design at the time of production so as to maintain commonality with current design. All rear hold handles and rear steps will have non-skid installed. The steps shall consist of a self-cleaning, slip resistant surface, grip-strut open grate material which shall comply with ANSI Z2445.1 standards. Steps are to be a minimum dimension of 12" wide x 24" long with 10" extending beyond hopper. Warning signs shall be posted above the riding steps to prohibit their use when traveling at speeds above ten (10) miles per hour or when backing.

Meets Specifications or Exceptions:_____

7. The tailgate shall be equipped with a "tailgate ajar" switch with an indicator light in the cab. The purpose of this light is to indicate to the driver that the tailgate is not completely closed. The "tailgate ajar" switch with light shall comply with ANSI safety standards.

Meets Specifications or Exceptions:_____

8. Tailgate top sheets shall be secured by bolt down or screw down type fasteners.

Meets Specifications or Exceptions:_____

9. The loading height of the hopper shall not exceed 37" above ground level.

Meets Specifications or Exceptions:_____

10. Warning buzzer system. Waterproof electrical push buttons shall be 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. The push buttons will be located safe and convenient to person on rear step. Tailboard safety swamp buzzer should be approximately chest high and 2" minimum in diameter. Access shall be unblocked by obstructions.

Meets Specifications or Exceptions:_____

L. PACKING SYSTEM

1. The packer face plate face shall be 1/4", 80,000 PSI yield strength steel, minimum.
 Meets Specifications or Exceptions: _____
2. The carrier plate face shall be 3/16", 50,000 PSI yield strength steel, minimum.
 Meets Specifications or Exceptions: _____
3. Minimum two (2) double acting, single stage 5" bore packer plate cylinders shall be provided.
 Meets Specifications or Exceptions: _____
4. Minimum two (2) double acting, single stage 5" bore carrier plate cylinders shall be provided.
 Meets Specifications or Exceptions: _____
5. The packer and carrier plate cylinders shall be mounted inside the tailgate and all four (4) cylinders must be interchangeable with each other.
 Meets Specifications or Exceptions: _____
6. The packing plate shall compact material into the body against the ejector panel. "Pre-crushing" of material in the hopper is periodically required.
 Meets Specifications or Exceptions: _____
7. The packing plate shall be protected from overload by an independent packer circuit relief valve located at the operating valve.
 Meets Specifications or Exceptions: _____
8. The upper carrier plate shall utilize rollers versus slides for easy movement. Rollers shall be 5" diameter manufactured from forged 4,150 steel induction hardened to 57-60 "Rockwell C" and have zerk fittings accessible from external roller access openings.
 Meets Specifications or Exceptions: _____
9. The packing mechanism shall retain the compacted material in the body, be capable of compacting residential refuse to a minimum density of 750 pounds per cubic yard, and provide protection for the operating cylinders.
 Meets Specifications or Exceptions: _____

10. When the packer plate reaches the interrupt position, it shall stop approximately 14" to 16" above the loading sill to avoid a pinching action. The packing control handles must then be reactivated to complete the cycle. The packing control handles shall be able to stop or reverse the packing mechanism at any point in the cycle. A single control for all functions is preferred.

Meets Specifications or Exceptions:_____

M. EJECTION SYSTEM

1. Unloading by full ejection method only.

Meets Specifications or Exceptions:_____

2. The upper 2/3 of the ejector panel face sheet shall be a minimum 11 gauge, 50,000 PSI yield strength steel. The lower 1/3 of the ejector panel face sheet shall be a minimum of 3/16" thick 50,000 PSI yield strength steel. The heavy-duty panel shall withstand the packing mechanism forces and the ejection of highly compacted refuse.

Meets Specifications or Exceptions:_____

3. The ejector panel shall travel to full length of the body and be equal in area to the cross section area of the body.

Meets Specifications or Exceptions:_____

4. The ejector panel shall be designed to act as a bulkhead against which refuse is compressed by the packing mechanism.

Meets Specifications or Exceptions:_____

5. The ejector panel shall travel on six (6), 16" ultra high molecular weight polyethylene shoes and four (4), 8" phenolic guide shoes. These guide shoes shall be replaceable without removing the ejection panel from body.

Meets Specifications or Exceptions:_____

6. At no time may any portion of the ejector panel, when in its rearmost position, extend beyond the plane of the rear body opening. However, the ejector panel must be capable of fully emptying the body.

Meets Specifications or Exceptions:_____

N. HYDRAULIC SYSTEM

1. The hydraulic pump shall be a bi-directional spur gear type with wear compensating side plates using hydraulic pressure to keep them properly tensioned and positioned to maintain a consistent fluid flow rate. Both the low and high pressure side of all hydraulic systems shall use high quality, low micron filters. Pump shall be driven through a transmission mounted PTO.
 Meets Specifications or Exceptions: _____
2. The capacity of the pump shall not be rated at less than 42 gallons per minute at 1,200 RPM.
 Meets Specifications or Exceptions: _____
3. A factory sealed relief valve shall be set at a maximum of 1,650 PSI.
 Meets Specifications or Exceptions: _____
4. An externally mounted, in-line, 141 micron (100 mesh) suction strainer with built-in bypass shall be provided.
 Meets Specifications or Exceptions: _____
5. A 20 micron in-tank return line filter with a visual indicator to show when the filter is in a bypass mode shall be supplied.
 Meets Specifications or Exceptions: _____
6. A hydraulic steel reservoir of not less than 50 gallon capacity shall be provided and mounted to the frame underneath the front left corner of the packer body.. The tank shall be equipped with a breather filter to prevent the entrance of foreign matter, tank drain plug (magnetic type), and a bulls-eye at design oil level indicator showing service level with packer blade retracted and all systems at rest. The service lines to the hydraulic reservoir shall be fitted with shut-off valves on the suction and return lines. The shut-off valves shall be located in a manner which allows servicing of suction screen (100 mesh, minimum) and return line 10 micron filter. The tank shall be equipped with Aero-Quip Coupling Adaptor 502-12-10S and Dust Cap 5657-12-10S for oil filling. Breather filters to be Pall HC7400-SDT4H and Adaptor HHAM-7000, or equal. Dual lever operation of the packing blade is required. Connecting main supply and return hoses shall be fitted with JIC-24 female Eaton compressed hydraulic connecting line fittings. Main supply hoses and return lines are identified as the supply line from the hydraulic tank to the PTO and the main returning line to the hydraulic tank. Main supply and return hoses must be rated at or above 150 psi minimum.

Reservoir Capacity Offered: _____

Adaptor Manufacturer: _____ Model: _____

Dust Cap Manufacturer: _____ Model: _____

Breather Filter Manufacturer: _____ Model: _____

Meets Specifications or Exceptions: _____

- 7. For the CNG configuration, the hydraulic reservoir will be located at the left hand side and mounted to the frame rail.

Reservoir Capacity Offered: _____

Adaptor Manufacturer: _____ Model: _____

Dust Cap Manufacturer: _____ Model: _____

Breather Filter Manufacturer: _____ Model: _____

Meets Specifications or Exceptions: _____

- 8. All hydraulic hoses shall be crimp style JIC type hose fittings. Non-machine crimp type of fittings will not be allowed

Meets Specifications or Exceptions: _____

O. CAMERA SYSTEM FOR REAR LOADING REFUSE PACKERS

These specifications describe a color camera system that shall be fully compatible with the rear loading refuse packer. Do not include price of this camera system in the Bid price of each refuse packer. This camera system shall be priced separately in Section 4 of the Pricing Pages. The City will determine at its own discretion whether or not this camera system will be selected. If selected, this camera system will be designated on a City Purchase Order or Vehicle Financing Program Order Letter. It shall be fully installed and ready for operation upon delivery of each refuse packer ordered.

1. Camera

One (1) rear mounted backup color camera shall be provided. The camera shall be mounted at the rear of the vehicle over the hopper. The camera provided shall be equipped with a sun shield, weatherproof, and mounted utilizing vibration and shock resistant mounts. Installation shall be of a permanent nature utilizing tamper-proof nuts and bolts. Co-axial cable shall be of polyurethane jacket and contained in rigid conduit for protection.

The camera shall meet the following requirements:

- a. Field of view, 100° vertical, 125° horizontal (minimum).
- b. Illumination, 0.5 lux (minimum).
- c. 320 lines of resolution (minimum).
- d. Shock resistant. Capable of withstanding continued 9G loads.
- e. Auto-iris lens, f2.0mm, f2.0 fixed focus.
- f. 12 VDC.
- g. IP 68 Waterproof rate.

Meets Specifications or Exceptions: _____

2. Monitor

Monitor shall be on an adjustable base to permit easy viewing and shall have a sunshield. Monitor controls shall include automatic on, day/night sensitivity switch and shall be mounted to the ceiling in the center of the cab utilizing swivel mounting bracket. Monitor will be set to the rear-view camera.

Monitor shall meet the following requirements:

- a. 6.4" color picture measured diagonally (minimum).
- b. 11-32 VDC.
- c. On-Screen LCD distance markers.
- d. IP 68 Waterproof rating.
- e. Backlit control buttons on waterproof remote control.
- f. 50,000 hour LCD panel protected by polycarbonate cover.

Meets Specifications or Exceptions: _____

P. ADDITIONAL EQUIPMENT FEATURES

The following additional equipment features shall be on the Pricing Page as an option to purchase by the City. Contractor must provide pricing for this item in order to be considered responsive. The City has the discretion of placing an order for any of these equipment features as may be in its best interests. The selected optional equipment features will be specified on a Purchase Order or Vehicle Financing Program Order Letter and shall be delivered with the primary unit, ready for operation at the time of delivery. All equipment offered shall be compatible with the primary unit provided.

1. Cart Flipper (Option to Purchase)

- a. The cart dumping mechanism shall be a Perkins Model D6080 tuck-away type (no exceptions) design and permit full utilization of the hopper during manual loading of containers without any obstructions.
 Meets Specifications or Exceptions: _____
- b. The design and mounting of the dumper to the hopper sill shall permit full and safe access to the hopper during manual loading of bulk items.
 Meets Specifications or Exceptions: _____
- c. The cart dumping mechanism shall be mounted to the refuse body and powered and controlled hydraulically without requiring electrical switches and/or solenoids.
 Meets Specifications or Exceptions: _____
- d. The cart dumping mechanism shall be designed to accommodate, thirty two (32), 64 and 96 gallon refuse containers. The mechanism shall have a minimum lifting capacity of 300 pounds. Cart dumper must be compatible with the City's existing Toter, Zarn, Otto, and Rherig Pacific containers.
 Meets Specifications or Exceptions: _____
- e. The cart dumping mechanism shall be mounted assuring adequate ground clearance during typical conditions of loading and transporting. The cart dumping mechanism shall be mounted in the center of the hopper and hydraulic controls shall be located on the right hand curb-side, rear of refuse body. Hydraulic lines shall be routed to eliminate chaffing or damage.
 Meets Specifications or Exceptions: _____
- f. The dumping mechanism and hydraulic system shall be capable of functioning properly at ambient temperature of 120° Fahrenheit.
 Meets Specifications or Exceptions: _____

2. Construction

The dumping mechanism shall be constructed to assure safety when lifting, emptying, and lowering containers without deformation, scratching, or otherwise damaging the container. The dumping mechanism provided shall incorporate a lifting plate, hydraulic cylinder, and hydraulic controls.

- Meets Specifications or Exceptions: _____

3. Operation

The dumping mechanism shall engage the container, without requiring manual lifting of the container, and shall rotate the container a minimum of 45° above horizontal and empty the contents of the container into the refuse body hopper. The mechanism shall then return to vertical and be capable of continuing its movement through the disengagement position to the storage, tuck-away, position under the hopper. Cycle time, vertical-dump-vertical, shall not exceed ten (10) seconds. Installation of equipment shall conform to all applicable requirements of ANSI and CAL-OSHA.

Meets Specifications or Exceptions: _____

Q. LAPTOP COMPUTER AND DIAGNOSTIC SYSTEM

The following item shall be on the Pricing Page as an option to purchase by the City. Contractor must provide pricing for this item in order to be considered responsive. The City has the discretion of placing an order for any of these equipment features as may be in its best interests. The selected optional equipment features will be specified on a Purchase Order or Vehicle Financing Program Order Letter and shall be delivered with the primary unit, ready for operation at the time of delivery. All equipment offered shall be compatible with the primary unit provided.

An industrial quality tough case diagnostic type laptop computer with the “NEXIQ interface,” all needed connections to data link with the vehicle, and of sufficient capacity to run all diagnostic functions and software shall define the system and be provided. Current requirements call for laptop model Getac S400 SRNB I5 2.6GHZ 4GB 500GB 14IN (SWM144).

Meets Specifications or Exceptions: _____

Software provided shall include all components accessible through the data link such as engine, transmission, and brake system. Licensed software shall be provided with a minimum two (2) year subscription for each of the specific components.

Meets Specifications or Exceptions: _____

Delivery details and Laptop quantities shall be determined at the pre-production meeting. It is estimated that one laptop system per ten (10) units delivered will support the service needs.

Meets Specifications or Exceptions: _____

R. ZONAR VEHICLE EQUIPMENT INSPECTION SYSTEM

The following item shall be on the pricing page as an option to purchase by the City. Contractor must provide pricing for this item in order to be considered responsive.

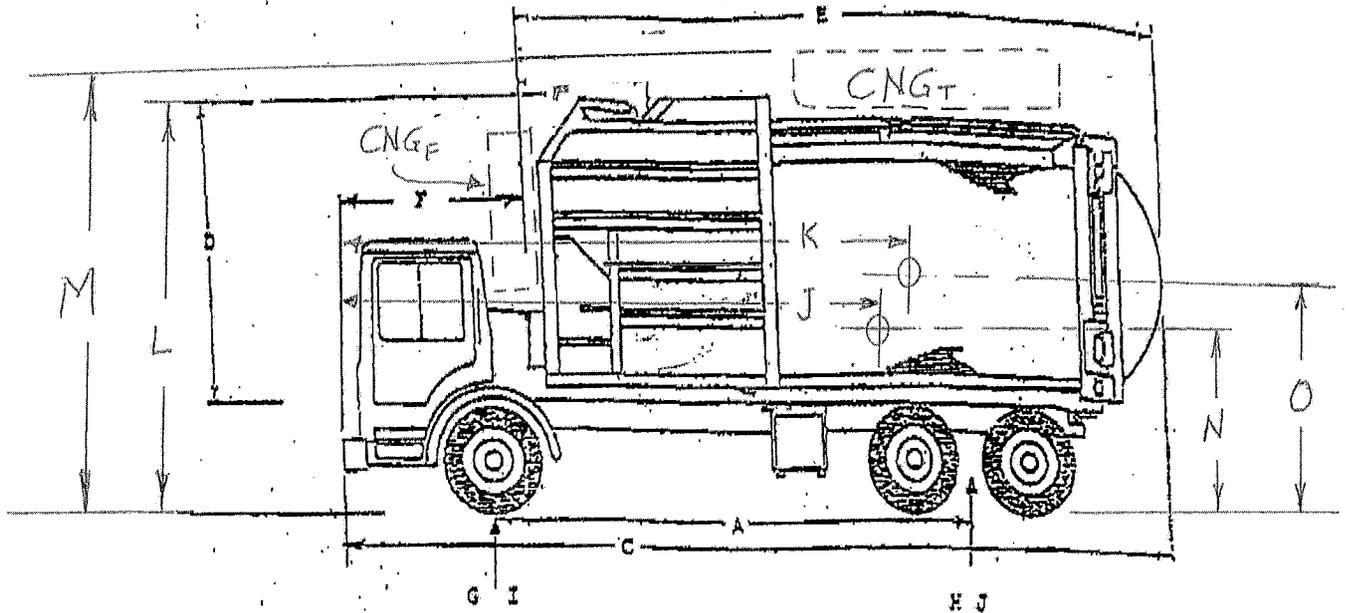
The City has the discretion of placing an order for any of these equipment features as may be in its best interests. The selected optional equipment features will be specified on a Purchase Order or Vehicle Financing Program Order Letter and shall be delivered with the primary unit, ready for operation at the time of delivery. All equipment offered shall be compatible with the primary unit provided.

At the City's option, the Zonar equipment may be purchased separately in kit form for installation at the City. The Zonar kit shall be inclusive of the EVIR GSM Inspection Kit, hand held units, all current zone tags eleven (11) and asset tags one (1), inline fuse kits, and GPS antenna. A complete listing of all the items with their description shall be provided upon request.

Meets Specifications or Exceptions: _____

ATTACHMENT B

GROUND REACTION AND SPECIFICATION CHART



- A. Wheel Base _____ inches
- C. Overall Length _____ inches
- D. Height Above Frame _____ inches
- E. Wheel Base (W & W/O CNG) _____ inches
- F. Bumper to Back of Cab _____ inches
- I. Front Axle Loading Empty _____ pounds
- J. Rear Axle Loading Loading Empty _____ pounds
- G. Front Axle Loading (10 Ton Payload) _____ pounds
- H. Rear Axle Loading (10 Ton Payload) _____ pound
- J. Center of Gravity (Empty Truck) _____ inches (No CNG & W/CNG)
- K. Center of Gravity (10 Ton Payload) _____ inches (No CNG & W/CNG)
- L. Overall Height (No CNG) _____ inches
- M. Overall Height (W/CNG) _____ inches
- N. Center of Gravity (Empty) _____ inches (W/CNG & W/O CNG)
- O. Center of Gravity (10 Ton) _____ inches (W/CNG & W/O CNG)

Note: CNG is Compressed Natural Gas (Front of Body or Roof Mounted).

ATTACHMENT “C”

City of San Diego

EQUIPMENT AND VEHICLE FINANCING PROGRAM

Vendor Requirements

The Equipment and Vehicle Financing Program is a lease-to-purchase program to finance City equipment acquisitions. At the City’s option, the Equipment and Vehicle Financing Program may be used to fund new acquisitions. The following information outlines the Equipment and Vehicle Financing Program requirements for vendors.

EQUIPMENT ORDERS

Successful Bidders will receive an Order Letter in place of a Purchase Order from the City’s Financing Services Department. A sample Order Letter is attached. The Order Letter will designate the equipment to be ordered and will confirm that the City has obtained pre-approval from a lease provider to fund the acquisition.

- Sign the Order Letter and return a copy to City of San Diego Financing Services, within ten (10) business days to acknowledge receipt of the order.
- The Order Letter will designate a lease number to be used by the vendor on all shipping and billing documents.

DOCUMENTATION REQUIRED FROM VENDORS PRIOR TO FUNDING

The lease provider will make full payment to the vendor upon receiving approval from the City. The City will provide approval only after the equipment has been accepted by the acquiring Department and the complete documentation from the vendor detailed below has been received.

- Two invoice copies are required: one (1) to be provided directly to the City Department acquiring the equipment and one (1) to be provided directly to the City’s Financing Services Department. Addresses are provided in the Order Letter.
- A copy of the Manufacturer’s Certificate of Origin for vehicles is required by the City’s lease provider prior to funding the equipment. Vendors are requested to provide a copy of the Manufacturer’s Certificate of Origin to the City with the invoices at the time of delivery or a minimum of seven (7) business days prior to receipt of funds.
- The lease provider is required to be designated as lienholder on the title and Manufacturer’s Certificate of Origin for all vehicles purchased. The City will be named as titleholder.

SALES TAX PAYMENT

Sales tax will not be financed.

- Sales tax will be paid by the City directly to California vendors in a separate check at 7.75%.
- Sales tax will be paid by the City directly to the State of California at 7.75%, for out-of-state vendors. This will be confirmed in the Order Letter. If further verification of sales tax payment is required by out-of-state vendors, contact the Master Lease Program Administrator.

PAYMENT FOR EQUIPMENT

Funding will require a minimum of seven (7) business days for processing by Financing Services and the City's lease provider, after receipt of written acceptance of the equipment from the acquiring City department. Acquisitions CAN NOT and WILL NOT be funded until the acquiring City department accepts and approves the equipment.

Funds will be wired or overnighted by the lease provider, depending on the dollar value of the acquisition. Financing Services will notify vendors of the date funds are scheduled to be wired or overnighted.

To receive wired funds, vendors must provide the following information on COMPANY LETTERHEAD:

- Name, address and telephone number of bank to which funds are to be wired;
- Bank routing number;
- Account number and account name;
- Signature and title of person supplying this information; and,
- Vendor federal tax I.D. number

QUESTIONS

- Questions about the Equipment and Vehicle Financing Program may be directed to Sonya Prado, Debt Management, (619) 236-6640.
- Vendors are prohibited from contacting the City's lease provider regarding the Equipment and Vehicle Financing Program or vendor payment status.

Date

Vendor Representative
Vendor Name
Street Address
City, State Zip Code

Dear Mr./Ms:

Subject: Bid Number

The City of San Diego is ordering the equipment described below from VENDOR in accordance with the specifications of bid number ###. This order is independent of any other equipment the City of San Diego may order from VENDOR through a purchase order. The total price of this order is \$ _____ plus sales tax. The equipment will be funded by the City through a lease purchase agreement with LEASE PROVIDER. Preapproval of the lease purchase through LEASE PROVIDER is enclosed.

The equipment to be lease purchased is:

- Quantity (#) Brand Name, Model, and Description

This letter authorizes VENDOR to provide the City with the equipment as specified and to bill the City for the sale. Upon passing the City's incoming inspection and upon receipt of original invoice(s) and, if appropriate, manufacturer's certificate(s) of origin, the City will notify LEASE PROVIDER to make payment for the equipment. The sales tax will be paid by the City to VENDOR in a separate check at 7.75%.

Please use lease #**NUMBER** on all shipping and billing documents related to this order. Where appropriate, equipment identification number(s) should be listed on the invoice(s). Please send original invoices to the City at the following addresses:

City Department

Mark Caroccia
Financing Services
City of San Diego
2740 Camino Chollas, MS42
San Diego, CA 92105

Page 2 - LEASE NUMBER
Vendor Representative
Vendor.

Please sign below, indicating your acceptance of this order, and return a copy of this letter within ten (10) business days to Sonya Prado at the above address. Please refer questions regarding the leasing procedure to Sonya Prado, Financing Services, (619) 533-6491. Thank you.

Sincerely,

Mary Lewis
Chief Financial Officer
kb

Enclosure: Lease Pre-Approval Form

Vendor

Date

ATTACHMENT "D"

WARRANTY ACKNOWLEDGEMENT FORM

Prime Contractor and all Sub-Contractors listed below acknowledge and will adhere to all warranty provisions specified in ITB # 10054780-15-R

PRIME CONTRACTOR	
Company Name	
Address	

Signature: _____ Date: _____

SUB-CONTRACTOR	
Company Name	
Address	

Signature: _____ Date: _____

SUB-CONTRACTOR	
Company Name	
Address	

Signature: _____ Date: _____

TABLE OF CONTENTS

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III. PRICING PAGE(S)	17
IV. CONTRACT.....	26

FORMS

Contractor Standards Pledge of Compliance

Equal Opportunity Contracting Program (EOCP)

Equal Benefits Ordinance Certification of Compliance

ATTACHMENT

Attachment A – **Specifications Checklist for All Refuse Packers**

Attachment B – Ground Reaction and Specification Chart

Attachment C – **Equipment and Vehicle Financing Program**

Attachment D – Warranty Acknowledgment Form

CITY OF SAN DIEGO
PURCHASING & CONTRACTING DEPARTMENT
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195
Fax: (619) 236-5904

ADDENDUM B

ITB No. 10054780-15-R

ITB Closing Date: March 27, 2015
@ 3:00 p.m. P.T.

Furnish the City of San Diego with **Rear Loading Refuse Packers**.

The following changes to Attachment A and Attachment B are hereby made effective as though they were originally shown and/or written:

1. Delete the original Invitation to Bid Contract Cover Sheet and replace with the attached Addendum B Invitation to Bid Contract Cover Sheet.
2. Delete the original Attachment A page 27 and replace with Attachment Addendum B page 27. (**NOTE**: Bold text has been changed).
3. Delete the original Attachment B and replace with Attachment B Addendum B. (**NOTE**: Bold text has been changed).
4. Add a two (2) page "Questions and Answers". (**NOTE**: This is for informational purposes only, and is not part of any resulting contract.)

CITY OF SAN DIEGO PURCHASING & CONTRACTING DEPARTMENT



Raymond Vestri
Procurement Specialist
(619) 236-6134

March 6, 2015

RAY/mw



CITY OF SAN DIEGO
PURCHASING & CONTRACTING DEPARTMENT
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195

INVITATION TO BID (ITB)/CONTRACT (COVER SHEET)
ADDENDUM # B

Services: Furnish the City of San Diego with Rear Loading Refuse Packers
Solicitation Number: 10054780-15-R
Solicitation Issue Date: February 13, 2015
Bid Due Date and Time (Closing Date): 3:00 p.m. Pacific Time on **March 27, 2015**
Contract Term: As may be required for a period of five (5) years from Effective Date, as defined in General Contract Terms and Provisions
City Contact: Raymond Vestri, 619-236-6134, Rvestri@sandiego.gov
Mandatory Pre-Bid Conference: February 24, 2015 @ 1:00 P.M. at 1200 Third Avenue, Suite 200, Large Conference Room

Questions and Comments Due: No later than February 27, 2015 at 5:00 p.m. Pacific Time.

The City's Standard Payment Terms are Net 30 Days. Bidders may offer other payment terms (e.g., 2% 20 days) but such terms will not be considered in making the award decision. If different terms are offered, the City retains the option of making payment(s) based on these terms.

State delivery time: _____ days after receipt of order. Discounted terms offered: _____% _____ Days.

Duration of Offer: By submitting a bid, the bidder guarantees that the offer is firm for ninety (90) calendar days commencing the day following the Closing Date. Bidder agrees to accept a resulting contract subject to the terms and conditions stated herein. If an award is not made during that period, bidder's offer shall automatically extend for another ninety (90) calendar days unless the bidder indicates otherwise in writing thirty (30) calendar days prior to the end of the first ninety (90) calendar day period to the City Contact.

Bidder _____
 Street Address _____
 City _____
 Telephone No. _____
 E-Mail _____

IF BIDDER'S OFFER IS ACCEPTED BY THE CITY, THIS IS THE CONTRACT. Bidder is required to sign this document and return three (3) originals and two (2) copies of their bid in sealed envelopes or cartons to the City Contact. Bidders shall also include an electronic copy of their bid. Bidder agrees to furnish and deliver all goods and/or provide all services set forth or otherwise identified above subject to the terms and conditions specified herein. An original signature below is required. By signing below, the signer declares under penalty of perjury that she/he is authorized to sign this document and bind the bidder to the terms of this Contract.

Signature of Bidder's Authorized
Representative

Signature of the City of San Diego Purchasing
Agent

Approved as to Form
City Attorney

Print Name

Print Name

Print Name

Title

Title

Title

Signature

Signature

Signature

Date

Date

Date

O. CAMERA SYSTEM FOR REAR LOADING REFUSE PACKERS

These specifications describe a color camera system that shall be fully compatible with the rear loading refuse packer. Do not include price of this camera system in the Bid price of each refuse packer. This camera system shall be priced separately in Section 4 of the Pricing Pages. The system selected, will be designated on a City Purchase Order or Vehicle Financing Program Order Letter. It shall be fully installed and ready for operation upon delivery of each refuse packer ordered.

1. Camera

One (1) rear mounted backup color camera shall be provided. The camera shall be mounted at the rear of the vehicle over the hopper. The camera provided shall be equipped with a sun shield, weatherproof, and mounted utilizing vibration and shock resistant mounts. Installation shall be of a permanent nature utilizing tamper-proof nuts and bolts. Co-axial cable shall be of polyurethane jacket and contained in rigid conduit for protection.

The camera shall meet the following requirements:

- a. Field of view, 100° vertical, 125° horizontal (minimum).
- b. Illumination, 0.5 lux (minimum).
- c. 320 lines of resolution (minimum).
- d. Shock resistant. Capable of withstanding continued 9G loads.
- e. Auto-iris lens, f2.0mm, f2.0 fixed focus.
- f. 12 VDC.
- g. IP 68 Waterproof rate.

Meets Specifications or Exceptions: _____

2. Monitor

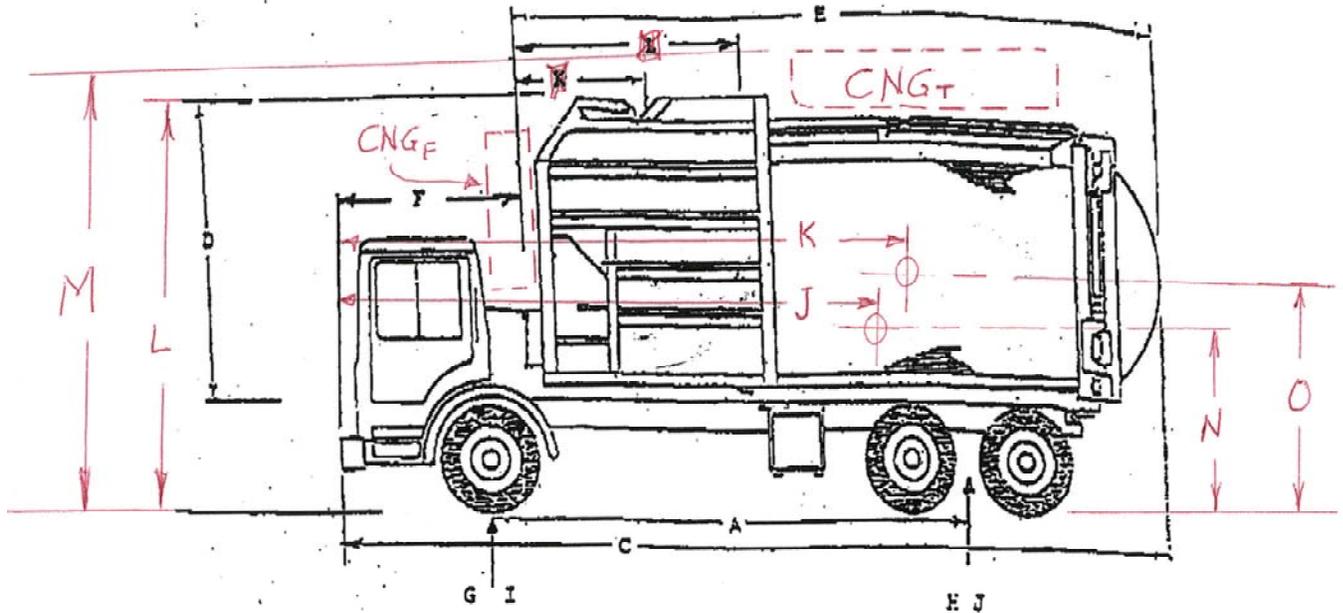
Monitor shall be on an adjustable base to permit easy viewing and shall have a sunshield. Monitor controls shall include automatic on, day/night sensitivity switch and shall be mounted to the ceiling in the center of the cab utilizing swivel mounting bracket. Monitor will be set to the rear-view camera.

Monitor shall meet the following requirements:

- a. 6.4" color picture measured diagonally (minimum).
- b. 11-32 VDC.
- c. On-Screen LCD distance markers.

ATTACHMENT B

GROUND REACTION AND SPECIFICATION CHART



- A. Wheel Base _____ inches
- C. Overall Length _____ inches
- D. Height Above Frame _____ inches
- E. Wheel Base (W & W/O CNG) _____ inches
- F. Bumper to Back of Cab _____ inches
- I. Front Axle Loading Empty _____ pounds
- J. Rear Axle Loading Loading Empty _____ pounds
- G. Front Axle Loading (**Payload Noted in Spec's**) _____ pounds
- H. Rear Axle Loading (**Payload Noted in Spec's**) _____ pound
- J. Center of Gravity (Empty Truck) _____ inches (No CNG & W/CNG)
- K. Center of Gravity (**Payload Noted in Spec's**) _____ inches (No CNG & W/CNG)
- L. Overall Height (No CNG) _____ inches
- M. Overall Height (W/CNG) _____ inches
- N. Center of Gravity (Empty) _____ inches (W/CNG & W/O CNG)
- O. Center of Gravity (**Payload Noted in Spec's**) _____ inches (W/CNG & W/O CNG)

Note: CNG is Compressed Natural Gas (Front of Body or Roof Mounted).

ITB No. 10054780-15-R
Questions and Answers

NOTE: These questions and answers are for informational purposes only, and is not part of any resulting contract.

Question 1: In accordance with Section I Part A item 1.4, we're writing concerning a question we have with regard to Part II Section O – CAMERA SYSTEM FOR REAR LOADING REFUSE PACKERS.

Clearly the specification is the INTEC Camera system comprising INTEC model CVC470HXL camera and INTEC model CVD640LCD which the COSD has installed on nearly 100% of your refuse collection fleet for the past 20+ years (some older trucks have our b/w systems and the newest trucks have our model CVC400XL color cameras with 120 horizontal field of view). If the specification is the INTEC system, and we believe it is, why does your spec not indicate 'INTEC or equal' like it does in at least 15 other places with respect to equipment and/or material specification the city is asking the bidders to meet for this purchase?

Specifying 'INTEC or equal' on the bid document will put all bidders on a level playing field and allow the city to evaluate all bids on an 'apples to apples' basis as opposed to otherwise.

Considering the importance a properly working camera system is not only in compliance with the law but also the safe operation of the vehicle, we respectfully request COSD reconsider Part II Section O of the ITB, and issue an appropriate addenda to specify 'INTEC or equal' in your bid specification

Answer 1:

The City does not want to be locked-in to a particular brand or model for all sub-systems components. The City believes going out to bid with more general specifications will allow the City to have a system that meets current needs and will help reduce the overall cost of the vehicle and still maintain a quality system.

Question 2:

I have a question regarding solicitation # 10054780-15-R rear loading refuse packers, The city has asked for 18 cubic yard and also 25 cubic yard units, My question is on the 18 cubic yard is that a non exception item or can I bid 17 or 16 cubic yard and take exception.

Answer 2:

The Department has responded that they need to have the 18 cubic yard capacity body. A lower capacity body bid would not meet the City requirements.

Question 3:

Autocar OEM built minimum cab floor height that can be attained is 30" give or take 2" bid spec is asking for 18" floor height. To attain 18" floor height would be a modification to original OEM build

Answer3:

The cab floor height requirement (or target) on both the LH and RH sides is 18", and a factory OEM would be the required (preferred) cab floor height. A Mod Center body modification would not be considered as an OEM system.

Question 4:

Autocar OEM built Pusher and Tag axle wheel and tire size option is only 19.5 wheels and tires with 15x4 brakes. Bid request 17.5 pusher axle wheels and tires. Again this would take a non original OEM build

Answer 4:

Pusher (or tag) axles are acceptable to be installed at a Mod Center or at the Body company during the packer body installation to meet specifications.

Question 5:

In the last City of San Diego rear loader bid I was low bidder but because of these two specs not being attainable with an Autocar Truck my bid was considered non-responsive. If I can't provide these two major specs with an Autocar chassis will my bid be non-responsive bid again?

Answer 5:

If you can not meet specifications, your bid will be non-responsive.

Question 6:

How will the bid response be evaluated? Will the award be based on factors that are weighted based on important to the city.

For example

Cost.....%

Compliance to Specifications.....%

Demo performance.....%

Other factors, Please indicate other factors and their weight ...%.

Answer 6:

The bid will be evaluated Per section 1.C.1 page 4 of the Instructions.
The example will not apply.

Question 7:

If exceptions are taken, will evaluation points be taken off for each exception taken ?

Answer 7:

No, so long as the exceptions meet the requirements specified.

Question 8:

Are there any item(s) in the specification that have been determined to be “absolutely necessary” and taking exception would result in rejection of the bid proposal. Please indicate which items would be in this category.

Answer 8:

Per section 1.C.1 page 4 of the instructions.”whose bid best meets the City’s requirement. “

Question 9:

Are there any items described in the specifications that could be considered “proprietary” for a specific manufacturer? Please indicate which items could be considered proprietary.

Answer 9 :

No, we are looking for products, which meet the needs indentified in Attachment A
No items are considered proprietary unless specified by the OEM

Question 10 :

For clarification purposes, is the wheelbase for the 18CY truck the distance from the center of the front axle to the center of the drive axle?

Answer 10 :

Yes

Question 11 :

Is the desired 8.5 Ton payload capacity based on the “allowable gross” as per CVC 35551 or based on individual axle group limitations resulting from the payload C. G. location.

Answer 11 :

Based on individual group limitations resulting from the payload CG location and proper weight distribution. The first part of the question is reflective of the bridge law, which allows for the pusher to be counted for meeting those “gross” limits.

Question 12 :

Is attachment B to be completed and submitted using 8.5 Ton payload or 10 Ton payload as shown in the attachment.

Answer 12 :

8.5 ton, water level loading for both rear loaders.

Question 13 :

Since the 18 CY truck has a pusher axle, will a new attachment be provided to reflect individual ground reactions for the drive axle and pusher axle.

Answer 13 :

No. Assume the pusher axle to be the forward rear axle for th weight distribution(but not the Wheel Base question # 10).

***End of Questions and Answers ***

CITY OF SAN DIEGO

PURCHASING & CONTRACTING DEPARTMENT

1200 Third Avenue, Suite 200

San Diego, CA 92101-4195

Fax: (619) 236-5904

ADDENDUM C

ITB No. 10054780-15-R

Revised ITB Closing Date: April 13, 2015
@ 3:00 p.m. P.T.

Furnish the City of San Diego with **Rear Loading Refuse Packers**.

The following changes are hereby made effective as though they were originally shown and/or written:

- Delete the Addendum B Invitation to Bid (ITB) Contract Cover Sheet and replace with the attached Addendum C Invitation to Bid Contract (ITB) Cover Sheet. (NOTE: The ITB closing date and Questions and Comments Due Date has been changed).

CITY OF SAN DIEGO PURCHASING & CONTRACTING DEPARTMENT



Raymond Vestri
Procurement Specialist
(619) 236-6134

March 24, 2015

RAY/mw



CITY OF SAN DIEGO

PURCHASING & CONTRACTING DEPARTMENT

1200 Third Avenue, Suite 200

San Diego, CA 92101-4195

INVITATION TO BID (ITB)/CONTRACT (COVER SHEET)
ADDENDUM # C

Services: Furnish the City of San Diego with Rear Loading Refuse Packers
Solicitation Number: 10054780-15-R
Solicitation Issue Date: February 13, 2015
Bid Due Date and Time (Closing Date): 3:00 p.m. Pacific Time on April 13, 2015
Contract Term: As may be required for a period of five (5) years from Effective Date, as defined in General Contract Terms and Provisions
City Contact: Raymond Vestri, 619-236-6134, Rvestri@sandiego.gov
Mandatory Pre-Bid Conference: February 24, 2015 @ 1:00 P.M. at 1200 Third Avenue, Suite 200, Large Conference Room
Mandatory Site Inspection: WILL NOT BE REQUIRED

Questions and Comments Due: No later than March 31, 2015 at 5:00 p.m. Pacific Time.

The City's Standard Payment Terms are Net 30 Days. Bidders may offer other payment terms (e.g., 2% 20 days) but such terms will not be considered in making the award decision. If different terms are offered, the City retains the option of making payment(s) based on these terms.

State delivery time: _____ days after receipt of order. Discounted terms offered: _____% _____ Days.

Duration of Offer: By submitting a bid, the bidder guarantees that the offer is firm for ninety (90) calendar days commencing the day following the Closing Date. Bidder agrees to accept a resulting contract subject to the terms and conditions stated herein. If an award is not made during that period, bidder's offer shall automatically extend for another ninety (90) calendar days unless the bidder indicates otherwise in writing thirty (30) calendar days prior to the end of the first ninety (90) calendar day period to the City Contact.

Bidder _____
Street Address _____
City _____
Telephone No. _____
E-Mail _____

IF BIDDER'S OFFER IS ACCEPTED BY THE CITY, THIS IS THE CONTRACT. Bidder is required to sign this document and return three (3) originals and two (2) copies of their bid in sealed envelopes or cartons to the City Contact. Bidders shall also include an electronic copy of their bid. Bidder agrees to furnish and deliver all goods and/or provide all services set forth or otherwise identified above subject to the terms and conditions specified herein. An original signature below is required. By signing below, the signer declares under penalty of perjury that she/he is authorized to sign this document and bind the bidder to the terms of this Contract.

Signature of Bidder's Authorized Representative, Signature of the City of San Diego Purchasing Agent, Approved as to Form City Attorney
Print Name, Title, Signature, Date

CITY OF SAN DIEGO

PURCHASING & CONTRACTING DEPARTMENT
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195
Fax: (619) 236-5904

ADDENDUM D

ITB No. 10054780-15-R

ITB Closing Date: April 13, 2015
@ 3:00 p.m. P.T.

Furnish the City of San Diego with **Rear Loading Refuse Packers**.

The following changes are hereby made effective as though they were originally shown and/or written:

1. Delete the Addendum C Invitation to Bid (ITB) Contract Cover Sheet and replace with the attached Addendum D Invitation to Bid (ITB) Contract Cover Sheet.
2. Add a two (2) page "Questions and Answers". (**NOTE:** This is for Informational Purposes Only, and is not Part of any Resulting Contract).

CITY OF SAN DIEGO PURCHASING & CONTRACTING DEPARTMENT



Raymond Vestri
Procurement Specialist
(619) 236-6134

March 26, 2015

RAY/mw



CITY OF SAN DIEGO
PURCHASING & CONTRACTING DEPARTMENT
 1200 Third Avenue, Suite 200
 San Diego, CA 92101-4195

INVITATION TO BID (ITB)/CONTRACT (COVER SHEET)
ADDENDUM D

Services: Furnish the City of San Diego with Rear Loading Refuse Packers
Solicitation Number: 10054780-15-R
Solicitation Issue Date: February 13, 2015
Bid Due Date and Time (Closing Date): 3:00 p.m. Pacific Time on **April 13, 2015**
Contract Term: As may be required for a period of five (5) years from Effective Date, as defined in General Contract Terms and Provisions
City Contact: Raymond Vestri, 619-236-6134, Rvestri@sandiego.gov
Mandatory Pre-Bid Conference: February 24, 2015 @ 1:00 P.M. at 1200 Third Avenue, Suite 200, Large Conference Room
Mandatory Site Inspection: WILL NOT BE REQUIRED
Questions and Comments Due: No later than March 31, 2015 at 5:00 p.m. Pacific Time.

The City's Standard Payment Terms are Net 30 Days. Bidders may offer other payment terms (e.g., 2% 20 days) but such terms will not be considered in making the award decision. If different terms are offered, the City retains the option of making payment(s) based on these terms.

State delivery time: _____ days after receipt of order. Discounted terms offered: _____ % _____ Days.

Duration of Offer: By submitting a bid, the bidder guarantees that the offer is firm for ninety (90) calendar days commencing the day following the Closing Date. Bidder agrees to accept a resulting contract subject to the terms and conditions stated herein. If an award is not made during that period, bidder's offer shall automatically extend for another ninety (90) calendar days unless the bidder indicates otherwise in writing thirty (30) calendar days prior to the end of the first ninety (90) calendar day period to the City Contact.

Bidder _____
 Street Address _____
 City _____
 Telephone No. _____
 E-Mail _____

IF BIDDER'S OFFER IS ACCEPTED BY THE CITY, THIS IS THE CONTRACT. Bidder is required to sign this document and return three (3) originals and two (2) copies of their bid in sealed envelopes or cartons to the City Contact. Bidders shall also include an electronic copy of their bid. Bidder agrees to furnish and deliver all goods and/or provide all services set forth or otherwise identified above subject to the terms and conditions specified herein. An original signature below is required. By signing below, the signer declares under penalty of perjury that she/he is authorized to sign this document and bind the bidder to the terms of this Contract.

Signature of Bidder's Authorized
Representative

Signature of the City of San Diego Purchasing
Agent

Approved as to Form
City Attorney

Print Name

Title

Signature

Date

Print Name

Title

Signature

Date

Print Name

Title

Signature

Date

ITB No. 10054780-15-R
Questions and Answers

NOTE: These questions and answers are for informational purposes only, and is not part of any resulting contract.

Question 1: In the pre-bid meeting, both you and Chris indicated there wasn't going to be an addendum to the camera spec. We received Addendum B, including an addendum to the camera spec for the rear loaders.

Answer 1: Some of the verbiage on page 27 (first paragraph) was changed, but, there were no changes to any of the specifications.

Question 2: In the original bid, the camera system spec spans pages 27 and 28 and included several items O2d – IP68 waterproofing through O2f – 50,000 backlight. The addendum includes only page 27 and does not include items O2d through O2f. 1

Answer 2: Addendum B only included page 27, because verbiage was changed in the first paragraph. There were NO CHANGES to page 28; therefore it was not included in Addendum B.

Page 28 remains in effect as previously noted in the original bid documents.

Question 3: Is the extent of the camera system spec that which you now indicate now on the addendum?

Answer 3: NO. Addendum B only included change to page 27, as stated above. Page 28 was not changed. Therefore, it was not included in Addendum B, but page 28 remains in effect as previously noted in the original bid documents.

Question 4: We have a new Model coming out this year that we (at present) do not have pricing on. How do you want to bid it over 5 years?

Answer 4: The City cannot recommend to a bidder how to price their vehicle.

Question 5: Page 11, Item "X" – Digital Mobile Radio System wherein you request a Motorola XTL1500 radio. I have contacted Motorola about this radio only to be informed that this series of radio has been discontinued final production in November of 2014. They will make parts available, however they will not sell us the radio. Would you be able to contact your end user

department and establish a replacement for us? Mobile radio systems are VERY EQUIPMENT SPECIFIC, meaning that your system will work with only one specific radio from Motorola. It is not something you or we would want to guess at.

Answer 5: Since model XTL1500 has been discontinued. Mark as an exemption and provide an equivalent manufacturer and model number.

*** End of Questions and Answers ***

CITY OF SAN DIEGO

PURCHASING & CONTRACTING DEPARTMENT

1200 Third Avenue, Suite 200

San Diego, CA 92101-4195

Fax: (619) 236-5904

ADDENDUM E

ITB No. 10054780-15-R

ITB Closing Date: April 13, 2015

@ 3:00 p.m. P.T.

Furnish the City of San Diego with **Rear Loading Refuse Packers**.

The following changes are hereby made effective as though they were originally shown and/or written:

1. Delete the Addendum D Invitation to Bid (ITB) Contract Cover Sheet and replace with the attached Addendum E Invitation to Bid (ITB) Contract Cover Sheet. (**NOTE:** Questions and Comments Due date has been changed).
2. Delete the original Attachment A, pages 11 and 12 and replace with Attachment A, Addendum E pages 11 and 12. (**NOTE:** Paragraph X, Digital Mobile Radio System, bold text has been changed. The requirement, items 2 and 3, for installation and mobile antenna have been deleted.)

The City is currently adopting the Motorola model APX 6500 mobile radio (or equivalent) as the replacement for the current XTL series. Bidders are to price for this latest model (or equivalent) with the provision that the City may request a change to a newer model, if upgrades in technology should result in a model change. The installation will be provided by the City, so the vendor should price for a kitted radio package.

Bidders are to price for this latest model **with the options noted below** (or equivalent).

1. Palm Microphone
2. Astro Digital CAI Operation
3. 05 Control Head
4. Remote Mount Mid Power
5. APX Control Head Software
6. ¼ Wave Antenna

7. Auxilliary Speaker 7.5 Watt
8. Key Supplemental Data
9. P25 Trunking Software
10. Smartzone Operation APX6500
11. Over The Air Provisioning
12. Astro 25 Integrated Voice and Data

CITY OF SAN DIEGO PURCHASING & CONTRACTING DEPARTMENT



Raymond Vestri
Procurement Specialist
(619) 236-6134

April 3, 2015

RAY/mw



CITY OF SAN DIEGO

PURCHASING & CONTRACTING DEPARTMENT
1200 Third Avenue, Suite 200
San Diego, CA 92101-4195

INVITATION TO BID (ITB)/CONTRACT (COVER SHEET)
ADDENDUM E

Services: Furnish the City of San Diego with Rear Loading Refuse Packers
Solicitation Number: 10054780-15-R
Solicitation Issue Date: February 13, 2015
Bid Due Date and Time (Closing Date): 3:00 p.m. Pacific Time on April 13, 2015
Contract Term: As may be required for a period of five (5) years from Effective Date, as defined in General Contract Terms and Provisions
City Contact: Raymond Vestri, 619-236-6134, Rvestri@sandiego.gov
Mandatory Pre-Bid Conference: February 24, 2015 @ 1:00 P.M. at 1200 Third Avenue, Suite 200, Large Conference Room
Mandatory Site Inspection: WILL NOT BE REQUIRED

Questions and Comments Due: No later than April 7, 2015 at 5:00 p.m. Pacific Time.

The City's Standard Payment Terms are Net 30 Days. Bidders may offer other payment terms (e.g., 2% 20 days) but such terms will not be considered in making the award decision. If different terms are offered, the City retains the option of making payment(s) based on these terms.

State delivery time: _____ days after receipt of order. Discounted terms offered: _____% _____ Days.

Duration of Offer: By submitting a bid, the bidder guarantees that the offer is firm for ninety (90) calendar days commencing the day following the Closing Date. Bidder agrees to accept a resulting contract subject to the terms and conditions stated herein. If an award is not made during that period, bidder's offer shall automatically extend for another ninety (90) calendar days unless the bidder indicates otherwise in writing thirty (30) calendar days prior to the end of the first ninety (90) calendar day period to the City Contact.

Bidder _____
Street Address _____
City _____
Telephone No. _____
E-Mail _____

IF BIDDER'S OFFER IS ACCEPTED BY THE CITY, THIS IS THE CONTRACT. Bidder is required to sign this document and return three (3) originals and two (2) copies of their bid in sealed envelopes or cartons to the City Contact. Bidders shall also include an electronic copy of their bid. Bidder agrees to furnish and deliver all goods and/or provide all services set forth or otherwise identified above subject to the terms and conditions specified herein. An original signature below is required. By signing below, the signer declares under penalty of perjury that she/he is authorized to sign this document and bind the bidder to the terms of this Contract.

Signature of Bidder's Authorized Representative, Signature of the City of San Diego Purchasing Agent, Approved as to Form City Attorney
Print Name, Title, Signature, Date

1. Electrical wiring shall be properly secured to prevent damage by movement or vibration.
 Meets Specifications or Exceptions: _____
2. Welding shall not be employed in the assembly of the compaction mechanism or packer body in a manner that will prevent the ready removal of any component part for service or repair.
 Meets Specifications or Exceptions: _____

V. PAINT

The rear of the body shall be striped with 8" wide orange Chevron stripes at a 60° angle and 8" spacing with the "V" at the bottom. The orange stripes shall be Omaha orange, DuPont 311 or OEM equivalent. Bidder shall provide painted orange accent stripes on the cab. Location to be determined at the pre-production meeting and final approval by the City will be given prior to installation.

Stripe Brand Offered: _____

- Meets Specifications or Exceptions: _____

W. MOUNTING AND SAFETY REQUIREMENTS

The complete body shall comply with all applicable requirements of the California Vehicle Code, Cal-OSHA, D.O.T. and ANSI standards.

- Meets Specifications or Exceptions: _____

X. DIGITAL MOBILE RADIO SYSTEM

1. General Description

The City is currently adopting the Motorola model APX 6500 mobile radio (or equivalent) as the replacement for the current XTL series. Bidders are to price for this latest model (or equivalent) with the provision that the City may request a change to a newer model, if upgrades in technology should result in a model change. The installation will be provided by the City, so the vendor should price for a kitted radio package. The kitted package should include the following optional items:

1. **Palm Microphone**
2. **Astro Digital CAI Operation**
3. **05 Control Head**
4. **Remote Mount Mid Power**
5. **APX Control Head Software**
6. **¼ Wave Antenna**
7. **Auxilliary Speaker 7.5 Watt**
8. **Key Supplemental Data**
9. **P25 Trunking Software**

- 10. **Smartzone Operation APX6500**
- 11. **Over The Air Provisioning**
- 12. **Astro 25 Integrated Voice and Data**

Manufacturer: _____ Model: _____

Meets Specifications or Exceptions: _____

- 2. **DELETED**
- 3. **DELETED**

Y. ON-BOARD SCALES/WEIGHT SYSTEM

Complete system shall be Trans-Data Model TD2965-L, or approved equal. Scale system shall be installed by the Contractor, operational and calibrated prior to acceptance of completed refuse packer by the City.

Manufacturer: _____ Model: _____

Meets Specifications or Exceptions: _____

1. General

The system installed shall consist of an in-cab monitor that receives signal voltages from each of the front and rear axles load beams; two (2) on the 18CY and three (3) on the 25CY axle configurations. Monitor installed shall have the capability of indicating the following weight readings:

- a. Front axle gross weight.
- b. Drive axle gross weight.
- c. Total vehicle gross weight.
- d. Location and mounting of monitor shall be approved by the City prior to installation.

Meets Specifications or Exceptions: _____

2. Load Beams

Load beams shall be constructed of grade 17-4 stainless steel with all gauging and wire connections potted and sealed to protect against corrosion and the elements. Load beams shall be capable of signaling both positive and negative load impositions.

Meets Specifications or Exceptions: _____

DOCKET SUPPORTING INFORMATION CITY OF SAN DIEGO EQUAL OPPORTUNITY CONTRACTING PROGRAM EVALUATION	DATE: June 10, 2015
SUBJECT: As-Needed Agreement with Los Angeles Truck Centers, LLC dba Los Angeles Freightliner for the Purchase of Rear Loader Vehicles	

GENERAL CONTRACT INFORMATION

Recommended Contractor: Los Angeles Truck Centers LLC (Not Certified, M Cauc)

Amount of this Action: \$ 319,848. (Not to Exceed)

Funding Source: City of San Diego

Goal: N/A

SUBCONTRACTOR PARTICIPATION

There is no subcontractor participation associated with this action.

EQUAL EMPLOYMENT OPPORTUNITY COMPLIANCE

Equal Opportunity: Required.

Los Angeles Truck Centers, LLC submitted a Work Force Report for their San Diego County employees dated, June 9, 2015 indicating 46 employees in their Administrative Work Force. The Administrative Work Force indicates under representation in the following categories:

- Latino in Laborers
- Asian, Filipino in Crafts
- Female in Mgmt & Financial, Sales and Admin Support

This agreement is subject to the City's Equal Opportunity Contracting (San Diego Ordinance No. 18173, Section 22.2701 through 22.2708) and Non-Discrimination in Contracting Ordinance (San Diego Municipal Code Sections 22.3501 through 22.3517).

ADDITIONAL COMMENTS

(ITB No. 10054780-15-R)

RW



City of San Diego
EQUAL OPPORTUNITY CONTRACTING (EOC)
1200 Third Avenue • Suite 200 • San Diego, CA 92101
Phone: (619) 236-6000 • Fax: (619) 236-5904
BB. WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report (WFR)*.

NO OTHER FORMS WILL BE ACCEPTED
CONTRACTOR IDENTIFICATION

Type of Contractor: Construction Vendor/Supplier Financial Institution Lessee/Lessor
 Consultant Grant Recipient Insurance Company Other

Name of Company: LOS ANGELES TRUCK CENTERS, LLC

ADA/DBA: LOS ANGELES FREIGHTLINER, SAN DIEGO FREIGHTLINER, VELOCITY VEHICLE GROUP

Address (Corporate Headquarters, where applicable): 2429 S. PECK ROAD

City: WHITTIER County: LOS ANGELES State: CA Zip: 90601

Telephone Number: (562) 447-1200 Fax Number: (562) 447-1544

Name of Company CEO: BRYAN KOBUS

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: SAN DIEGO FREIGHTLINER 6006 MIRAMAR ROAD

City: SAN DIEGO County: SAN DIEGO State: CA Zip: 92121

Telephone Number: (619) 564-3700 Fax Number: (619) 564-3719

Type of Business: TRUCK DEALERSHIP Type of License: _____

The Company has appointed: ELIZABETH LIZARRAGA

As its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: 2429 S. PECK ROAD WHITTIER, CA. 90601

Telephone Number: (562) 447-1539 Fax Number: (562) 447-1271

- One San Diego County (or Most Local County) Work Force - Mandatory
- Branch Work Force * Managing Office Work Force

Check the box above that applies to this WFR.

*Submit a separate Work Force Report for all participating branches. Combine WFRs if more than one branch per county.

I, the undersigned representative of LOS ANGELES TRUCK CENTERS, LLC

(Firm Name)

LOS ANGELES, CALIFORNIA hereby certify that information provided

(County)

(State)

herein is true and correct. This document was executed on this 10 day of APRIL, 2015

BRYAN KOBUS - CFO

(Authorized Signature)

(Print Authorized Signature Name)

ATTACHMENT

NAME OF FIRM: LOS ANGELES TRUCK CENTERS, LLC DATE: 4-10-15
 OFFICE(S) or BRANCH(ES): LA / FONTANA / SAN DIEGO / CARSON / OXNARD COUNTY: LOS ANGELES

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) Black, African-American
- (2) Hispanic, Latino, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) White, Caucasian
- (7) Other ethnicity, not falling into other groups

ADMINISTRATION OCCUPATIONAL CATEGORY	(1) Black		(2) Hispanic		(3) Asian		(4) American Indian		(5) Filipino		(6) White		(7) Other Ethnicity	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Management & Financial	2	0	10	4	3	1	0	0	1	0	50	10	1	0
Professional	1	0		0	1	0	0	0	0	1	1	2		
A&E, Science, Computer														
Technical														
Sales	1	0	58	3	2	0	0	0	1	1	70	4	1	1
Administrative Support	0	1	11	46	1	2	1	0	1	4	7			2
Services	0		7								4	30		
Crafts	7		94	1	2		3		2		61		4	
Operative Workers											7	5		
Transportation														
Laborers*	1		46	1	2		1		1		14		1	

*Construction laborers and other field employees are not to be included on this page

Totals Each Column	12	1	227	55	11	3	5	0	6	6	214	51	7	3
--------------------	----	---	-----	----	----	---	---	---	---	---	-----	----	---	---

Grand Total All Employees 601

Indicate by Gender and Ethnicity the Number of Above Employees Who Are Disabled:

Disabled														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Non-Profit Organizations Only:

Board of Directors														
Volunteers														
Artists														

NAME OF FIRM: LOS ANGELES TRUCK CENTERS, LLC DATE: 4-10-15

OFFICE(S) or BRANCH(ES): LA / FONTANA / SAN DIEGO / CARSON / OXNARD COUNTY: LOS ANGELES

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) Black, African-American
- (2) Hispanic, Latino, Mexican-American, Puerto Rican
- (3) Asian
- (4) American Indian
- (5) Filipino
- (6) White, Caucasian
- (7) Other ethnicity; not falling into other groups

TRADE OCCUPATIONAL CATEGORY	(1) Black		(2) Hispanic		(3) Asian		(4) American Indian		(5) Filipino		(6) White		(7) Other Ethnicity	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Brick, Block or Stone Masons														
Carpenters														
Carpet, Floor & Tile Installers Finishers														
Cement Masons, Concrete Finishers														
Construction Laborers														
Drywall Installers, Ceiling Tile Inst														
Electricians														
Elevator Installers														
First-Line Supervisors/Managers														
Glaziers														
Helpers; Construction Trade														
Millwrights														
Misc. Const. Equipment Operators														
Painters, Const. & Maintenance														
Pipelayers, Plumbers, Pipe & Steam Fitters														
Plasterers & Stucco Masons														
Roofers														
Security Guards & Surveillance Officers														
Sheet Metal Workers														
Structural Metal Fabricators & Fitters														
Welding, Soldering & Brazing Workers														
Workers, Extractive Crafts, Miners														

Totals Each Column														
--------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Grand Total All Employees	0
---------------------------	---

Indicate By Gender and Ethnicity the Number of Above Employees Who Are Disabled:														
--	--	--	--	--	--	--	--	--	--	--	--	--	--	--



CITY OF SAN DIEGO WORK FORCE REPORT

HISTORY

The Work Force Report (WFR) is the document that allows the City of San Diego to analyze the work forces of all firms wishing to do business with the City. We are able to compare the firm's work force data to County Labor Force Availability (CLFA) data derived from the United States Census. CLFA data is a compilation of lists of occupations and includes the percentage of each ethnicity we track (Black, Hispanic, Asian, American Indian, Filipino) for each occupation. Currently, our CLFA data is taken from the 2010 Census. In order to compare one contractor to another, it is important that the data we receive from the Contractor firm is accurate and organized in the manner that allows for this fair comparison.

WORK FORCE & BRANCH WORK FORCE REPORTS

When submitting a WFR, especially if the WFR is for a specific project or activity, we would like to have information about the firm's work force that is actually participating in the project or activity. That is, if the project is in San Diego and the work force is from San Diego, we want a San Diego County Work Force Report.¹ By the same token, if the project is in San Diego, but the work force is from another county, such as Orange or Riverside County, we want a Work Force Report from that county.² If participation in a San Diego project is by work forces from San Diego County and, for example, from Los Angeles County and from

Sacramento County, we ask for separate Work Force Reports representing your firm from each of the three counties.

MANAGING OFFICE WORK FORCE

Equal Opportunity Contracting may occasionally ask for a Managing Office Work Force (MOWF) Report. This may occur in an instance where the firm involved is a large national or international firm but the San Diego or other local work force is very small. In this case, we may ask for both a local and a MOWF Report.^{1,3} In another case, when work is done only by the Managing Office, only the MOWF Report may be necessary.³

TYPES OF WORK FORCE REPORTS:

Please note, throughout the preceding text of this page, the superscript numbers one ¹, two ² & three ³. These numbers coincide with the types of work force report required in the example. See below:

- ¹ One San Diego County (or Most Local County) Work Force – Mandatory in most cases
- ² Branch Work Force *
- ³ Managing Office Work Force

**Submit a separate Work Force Report for all participating branches. Combine WFRs if more than one branch per county.*

Exhibit A: Work Force Report Job categories-Administration

Refer to this table when completing your firm's Work Force Report form(s).

Management & Financial

Advertising, Marketing, Promotions, Public Relations, and Sales Managers
Business Operations Specialists
Financial Specialists
Operations Specialties Managers
Other Management Occupations

Top Executives

Professional

Art and Design Workers
Counselors, Social Workers, and Other Community and Social Service Specialists
Entertainers and Performers, Sports and Related Workers

ATTACHMENT

Health Diagnosing and Treating Practitioners
Lawyers, Judges, and Related Workers
Librarians, Curators, and Archivists
Life Scientists
Media and Communication Workers
Other Teachers and Instructors
Postsecondary Teachers
Primary, Secondary, and Special Education School Teachers
Religious Workers
Social Scientists and Related Workers

Architecture & Engineering, Science, Computer

Architects, Surveyors, and Cartographers
Computer Specialists
Engineers
Mathematical Science Occupations
Physical Scientists

Technical

Drafters, Engineering, and Mapping Technicians
Health Technologists and Technicians
Life, Physical, and Social Science Technicians
Media and Communication Equipment Workers

Sales

Other Sales and Related Workers
Retail Sales Workers
Sales Representatives, Services
Sales Representatives, Wholesale and Manufacturing
Supervisors, Sales Workers

Administrative Support

Financial Clerks
Information and Record Clerks
Legal Support Workers
Material Recording, Scheduling, Dispatching, and Distributing Workers
Other Education, Training, and Library Occupations
Other Office and Administrative Support Workers
Secretaries and Administrative Assistants
Supervisors, Office and Administrative Support Workers

Services

Building Cleaning and Pest Control Workers
Cooks and Food Preparation Workers
Entertainment Attendants and Related Workers
Fire Fighting and Prevention Workers
First-Line Supervisors/Managers, Protective Service Workers
Food and Beverage Serving Workers

Equal Opportunity Contracting
 Goods/Services ITB
 Revised 10/8/14

Funeral Service Workers
Law Enforcement Workers
Nursing, Psychiatric, and Home Health Aides
Occupational and Physical Therapist Assistants and Aides
Other Food Preparation and Serving Related Workers
Other Healthcare Support Occupations
Other Personal Care and Service Workers
Other Protective Service Workers
Personal Appearance Workers
Supervisors, Food Preparation and Serving Workers
Supervisors, Personal Care and Service Workers
Transportation, Tourism, and Lodging Attendants

Crafts

Construction Trades Workers
Electrical and Electronic Equipment Mechanics, Installers, and Repairers
Extraction Workers
Material Moving Workers
Other Construction and Related Workers
Other Installation, Maintenance, and Repair Occupations
Plant and System Operators
Supervisors of Installation, Maintenance, and Repair Workers
Supervisors, Construction and Extraction Workers
Vehicle and Mobile Equipment Mechanics, Installers, and Repairers
Woodworkers

Operative Workers

Assemblers and Fabricators
Communications Equipment Operators
Food Processing Workers
Metal Workers and Plastic Workers
Motor Vehicle Operators
Other Production Occupations
Printing Workers
Supervisors, Production Workers
Textile, Apparel, and Furnishings Workers

Transportation

Air Transportation Workers
Other Transportation Workers
Rail Transportation Workers
Supervisors, Transportation and Material Moving Workers
Water Transportation Workers

ATTACHMENT

Laborers

Agricultural Workers
Animal Care and Service Workers
Fishing and Hunting Workers
Forest, Conservation, and Logging Workers
Grounds Maintenance Workers
Helpers, Construction Trades
Supervisors, Building and Grounds Cleaning and Maintenance Workers
Supervisors, Farming, Fishing, and Forestry Workers

Exhibit B: Work Force Report Job categories-Trade

Brick, Block or Stone Masons

Brickmasons and Blockmasons
Stonemasons

Pipelayers, Plumbers, Pipefitters and Steamfitters
Roofers
All other Construction Trades

Carpenters

Carpet, floor and Tile Installers and Finishers

Carpet Installers
Floor Layers, except Carpet, Wood and Hard Tiles
Floor Sanders and Finishers
Tile and Marble Setters

Cement Masons, Concrete Finishers

Cement Masons and Concrete Finishers
Terrazzo Workers and Finishers

Construction Laborers

Drywall Installers, Ceiling Tile Inst

Drywall and Ceiling Tile Installers
Tapers

Electricians

Elevator Installers and Repairers

First-Line Supervisors/Managers

First-line Supervisors/Managers of Construction Trades and Extraction Workers

Glaziers

Helpers, Construction Trade

Brickmasons, Blockmasons, and Tile and Marble Setters
Carpenters
Electricians
Painters, Paperhangers, Plasterers and Stucco

ATTACHMENT

Millwrights

Heating, Air Conditioning and Refrigeration Mechanics and Installers
Mechanical Door Repairers
Control and Valve Installers and Repairers
Other Installation, Maintenance and Repair Occupations

Misc. Const. Equipment Operators

Paving, Surfacing and Tamping Equipment Operators
Pile-Driver Operators
Operating Engineers and Other Construction Equipment Operators

Painters, Const. Maintenance

Painters, Construction and Maintenance
Paperhangers

Pipelayers and Plumbers

Pipelayers
Plumbers, Pipefitters and Steamfitters

Plasterers and Stucco Masons

Roofers

Security Guards & Surveillance Officers

Sheet Metal Workers

Structural Iron and Steel Workers

Welding, Soldering and Brazing Workers

Welders, Cutter, Solderers and Brazers
Welding, Soldering and Brazing Machine Setter, Operators and Tenders

Workers, Extractive Crafts, Miners



City of San Diego

EQUAL OPPORTUNITY CONTRACTING (EOC)

1200 Third Avenue • Suite 200 • San Diego, CA 92101

Phone: (619) 236-6000 • Fax: (619) 236-5904

WORK FORCE REPORT

The objective of the *Equal Employment Opportunity Outreach Program*, San Diego Municipal Code Sections 22.3501 through 22.3517, is to ensure that contractors doing business with the City, or receiving funds from the City, do not engage in unlawful discriminatory employment practices prohibited by State and Federal law. Such employment practices include, but are not limited to unlawful discrimination in the following: employment, promotion or upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination, rate of pay or other forms of compensation, and selection for training, including apprenticeship. Contractors are required to provide a completed *Work Force Report (WFR)*.

**NO OTHER FORMS WILL BE ACCEPTED
CONTRACTOR IDENTIFICATION**

Type of Contractor: Construction Vendor/Supplier Financial Institution Lessee/Lessor
 Consultant Grant Recipient Insurance Company Other

Name of Company: LOS ANGELES TRUCK CENTER, LLC

ADA/DBA: LOS ANGELES FREIGHTLINER / SAN DIEGO FREIGHTLINER

Address (Corporate Headquarters, where applicable): 2429 S. PECK ROAD

City: WHITTIER County: LOS ANGELES State: CALIFORNIA Zip: 90601

Telephone Number: (562) 447-1200 Fax Number: (562) 447-1544

Name of Company CEO: BRADLEY C. FAUVRE PRESIDENT 50% JAMES C. BARKER PRESIDENT 50%

Address(es), phone and fax number(s) of company facilities located in San Diego County (if different from above):

Address: 6006 MIRAMAR ROAD

City: SAN DIEGO County: SAN DIEGO State: CALIFORNIA Zip: 92121

Telephone Number: (619) 564-3700 Fax Number: (619) 564-3719 Email: rcreighton@lafreightliner.com

Type of Business: TRUCK DEALERSHIP Type of License: _____

The Company has appointed: ELIZABETH LIZARRAGA

As its Equal Employment Opportunity Officer (EEOO). The EEOO has been given authority to establish, disseminate and enforce equal employment and affirmative action policies of this company. The EEOO may be contacted at:

Address: 2429 S. PECK ROAD WHITTIER, CA. 90601

Telephone Number: (562) 447-1539 Fax Number: (562) 908-0312 Email: elizarraga@vvgtruck.com

- One San Diego County (or Most Local County) Work Force - Mandatory
- Branch Work Force *
- Managing Office Work Force

Check the box above that applies to this WFR.

**Submit a separate Work Force Report for all participating branches. Combine WFRs if more than one branch per county.*

I, the undersigned representative of LOS ANGELES TRUCK CENTERS, LLC

(Firm Name)

LOS ANGELES

CALIFORNIA

hereby certify that information provided

(County)

(State)

herein is true and correct. This document was executed on this 9TH. day of JUNE, 2015

ELIZABETH LIZARRAGA

(Authorized Signature)

(Print Authorized Signature Name)

WORK FORCE REPORT – Page 2

NAME OF FIRM: LOS ANGELES TRUCK CENTERS, LLC

DATE: 6-9-15

OFFICE(S) or BRANCH(ES): SAN DIEGO

COUNTY: SAN DIEGO

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) Black, African-American
- (2) Hispanic, Latino, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) White, Caucasian
- (7) Other ethnicity; not falling into other groups

ADMINISTRATION OCCUPATIONAL CATEGORY	(1) Black		(2) Hispanic		(3) Asian		(4) American Indian		(5) Filipino		(6) White		(7) Other Ethnicity	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Management & Financial	0	0	1	0	0	1	0	0	0	0	4	0	0	0
Professional	0	0	0	0	0	0	0	0	0	0	0	0	0	0
A&E, Science, Computer	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Technical	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Sales	0	0	3	0	0	0	0	0	0	0	5	0	0	0
Administrative Support	0	0	0	4	0	0	0	1	0	0	4	0	0	0
Services	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Crafts	0	0	7	0	0	0	0	0	0	0	7	1	0	0
Operative Workers	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Transportation	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Laborers*	0	0	3	0	1	0	0	0	0	0	3	1	0	0

*Construction laborers and other field employees are not to be included on this page

Totals Each Column	0	0	14	4	1	1	0	1	0	0	23	2	0	0
--------------------	---	---	----	---	---	---	---	---	---	---	----	---	---	---

Grand Total All Employees

46

Indicate by Gender and Ethnicity the Number of Above Employees Who Are Disabled:

Disabled														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Non-Profit Organizations Only:

Board of Directors														
Volunteers														
Artists														

WORK FORCE REPORT – Page 3

NAME OF FIRM: LOS ANGELES TRUCK CENTERS, LLC

DATE: 6-9-15

OFFICE(S) or BRANCH(ES): SAN DIEGO

COUNTY: SAN DIEGO

INSTRUCTIONS: For each occupational category, indicate number of males and females in every ethnic group. Total columns in row provided. Sum of all totals should be equal to your total work force. Include all those employed by your company on either a full or part-time basis. The following groups are to be included in ethnic categories listed in columns below:

- (1) Black, African-American
- (2) Hispanic, Latino, Mexican-American, Puerto Rican
- (3) Asian, Pacific Islander
- (4) American Indian, Eskimo
- (5) Filipino
- (6) White, Caucasian
- (7) Other ethnicity; not falling into other groups

TRADE OCCUPATIONAL CATEGORY	(1) Black		(2) Hispanic		(3) Asian		(4) American Indian		(5) Filipino		(6) White		(7) Other Ethnicity	
	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)	(M)	(F)
Brick, Block or Stone Masons														
Carpenters														
Carpet, Floor & Tile Installers Finishers														
Cement Masons, Concrete Finishers														
Construction Laborers														
Drywall Installers, Ceiling Tile Inst														
Electricians	NOT APPLICABLE													
Elevator Installers														
First-Line Supervisors/Managers														
Glaziers														
Helpers; Construction Trade														
Millwrights														
Misc. Const. Equipment Operators														
Painters, Const. & Maintenance														
Pipelayers, Plumbers, Pipe & Steam Fitters														
Plasterers & Stucco Masons														
Roofers														
Security Guards & Surveillance Officers														
Sheet Metal Workers														
Structural Metal Fabricators & Fitters														
Welding, Soldering & Brazing Workers														
Workers, Extractive Crafts, Miners														

Totals Each Column														
--------------------	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Grand Total All Employees	<div style="border: 1px solid black; width: 100px; height: 20px; display: inline-block;"></div>													
---------------------------	---	--	--	--	--	--	--	--	--	--	--	--	--	--

Indicate By Gender and Ethnicity the Number of Above Employees Who Are Disabled:

Disabled														
----------	--	--	--	--	--	--	--	--	--	--	--	--	--	--



CITY OF SAN DIEGO WORK FORCE REPORT

HISTORY

The Work Force Report (WFR) is the document that allows the City of San Diego to analyze the work forces of all firms wishing to do business with the City. We are able to compare the firm’s work force data to County Labor Force Availability (CLFA) data derived from the United States Census. CLFA data is a compilation of lists of occupations and includes the percentage of each ethnicity we track (Black, Hispanic, Asian, American Indian, Filipino) for each occupation. Currently, our CLFA data is taken from the 2010 Census. In order to compare one firm to another, it is important that the data we receive from the consultant firm is accurate and organized in the manner that allows for this fair comparison.

WORK FORCE & BRANCH WORK FORCE REPORTS

When submitting a WFR, especially if the WFR is for a specific project or activity, we would like to have information about the firm’s work force that is actually participating in the project or activity. That is, if the project is in San Diego and the work force is from San Diego, we want a San Diego County Work Force Report.¹ By the same token, if the project is in San Diego, but the work force is from another county, such as Orange or Riverside County, we want a Work Force Report from that county.² If participation in a San Diego project is by work forces from San Diego County and, for example, from Los Angeles County and from

Sacramento County, we ask for separate Work Force Reports representing your firm from each of the three counties.

MANAGING OFFICE WORK FORCE

Equal Opportunity Contracting may occasionally ask for a Managing Office Work Force (MOWF) Report. This may occur in an instance where the firm involved is a large national or international firm but the San Diego or other local work force is very small. In this case, we may ask for both a local and a MOWF Report.^{1,3} In another case, when work is done only by the Managing Office, only the MOWF Report may be necessary.³

TYPES OF WORK FORCE REPORTS:

Please note, throughout the preceding text of this page, the superscript numbers one ¹, two ² & three ³. These numbers coincide with the types of work force report required in the example. See below:

- ¹ One San Diego County (or Most Local County) Work Force – Mandatory in most cases
- ² Branch Work Force *
- ³ Managing Office Work Force

**Submit a separate Work Force Report for all participating branches. Combine WFRs if more than one branch per county.*

Exhibit A: Work Force Report Job categories-Administration

Refer to this table when completing your firm’s Work Force Report form(s).

Management & Financial

Advertising, Marketing, Promotions, Public Relations, and Sales Managers
Business Operations Specialists
Financial Specialists
Operations Specialties Managers
Other Management Occupations
Top Executives

Professional

Art and Design Workers
Counselors, Social Workers, and Other Community and

Social Service Specialists
Entertainers and Performers, Sports and Related Workers
Health Diagnosing and Treating Practitioners
Lawyers, Judges, and Related Workers
Librarians, Curators, and Archivists
Life Scientists
Media and Communication Workers
Other Teachers and Instructors
Postsecondary Teachers
Primary, Secondary, and Special Education School Teachers
Religious Workers
Social Scientists and Related Workers

Architecture & Engineering, Science, Computer

Architects, Surveyors, and Cartographers
Computer Specialists
Engineers
Mathematical Science Occupations
Physical Scientists

Technical

Drafters, Engineering, and Mapping Technicians
Health Technologists and Technicians
Life, Physical, and Social Science Technicians
Media and Communication Equipment Workers

Sales

Other Sales and Related Workers
Retail Sales Workers
Sales Representatives, Services
Sales Representatives, Wholesale and Manufacturing
Supervisors, Sales Workers

Administrative Support

Financial Clerks
Information and Record Clerks
Legal Support Workers
Material Recording, Scheduling, Dispatching, and Distributing Workers
Other Education, Training, and Library Occupations
Other Office and Administrative Support Workers
Secretaries and Administrative Assistants
Supervisors, Office and Administrative Support Workers

Services

Building Cleaning and Pest Control Workers
Cooks and Food Preparation Workers
Entertainment Attendants and Related Workers
Fire Fighting and Prevention Workers
First-Line Supervisors/Managers, Protective Service Workers
Food and Beverage Serving Workers
Funeral Service Workers
Law Enforcement Workers
Nursing, Psychiatric, and Home Health Aides
Occupational and Physical Therapist Assistants and Aides
Other Food Preparation and Serving Related Workers
Other Healthcare Support Occupations
Other Personal Care and Service Workers
Other Protective Service Workers
Personal Appearance Workers
Supervisors, Food Preparation and Serving Workers
Supervisors, Personal Care and Service Workers
Transportation, Tourism, and Lodging Attendants

Crafts

Construction Trades Workers
Electrical and Electronic Equipment Mechanics, Installers, and Repairers
Extraction Workers
Material Moving Workers
Other Construction and Related Workers
Other Installation, Maintenance, and Repair Occupations
Plant and System Operators
Supervisors of Installation, Maintenance, and Repair Workers
Supervisors, Construction and Extraction Workers
Vehicle and Mobile Equipment Mechanics, Installers, and Repairers
Woodworkers

Operative Workers

Assemblers and Fabricators
Communications Equipment Operators
Food Processing Workers
Metal Workers and Plastic Workers
Motor Vehicle Operators
Other Production Occupations
Printing Workers
Supervisors, Production Workers
Textile, Apparel, and Furnishings Workers

Transportation

Air Transportation Workers
Other Transportation Workers
Rail Transportation Workers
Supervisors, Transportation and Material Moving Workers
Water Transportation Workers

Laborers

Agricultural Workers
Animal Care and Service Workers
Fishing and Hunting Workers
Forest, Conservation, and Logging Workers
Grounds Maintenance Workers
Helpers, Construction Trades
Supervisors, Building and Grounds Cleaning and Maintenance Workers
Supervisors, Farming, Fishing, and Forestry Workers

Exhibit B: Work Force Report Job categories-Trade

Brick, Block or Stone Masons

Brickmasons and Blockmasons
Stonemasons

Carpenters

Carpet, floor and Tile Installers and Finishers

Carpet Installers
Floor Layers, except Carpet, Wood and Hard Tiles
Floor Sanders and Finishers
Tile and Marble Setters

Cement Masons, Concrete Finishers

Cement Masons and Concrete Finishers
Terrazzo Workers and Finishers

Construction Laborers

Drywall Installers, Ceiling Tile Inst

Drywall and Ceiling Tile Installers
Tapers

Electricians

Elevator Installers and Repairers

First-Line Supervisors/Managers

First-line Supervisors/Managers of Construction Trades and Extraction Workers

Glaziers

Helpers, Construction Trade

Brickmasons, Blockmasons, and Tile and Marble Setters
Carpenters
Electricians
Painters, Paperhangers, Plasterers and Stucco
Pipelayers, Plumbers, Pipefitters and Steamfitters
Roofers
All other Construction Trades

Millwrights

Heating, Air Conditioning and Refrigeration Mechanics and Installers
Mechanical Door Repairers
Control and Valve Installers and Repairers
Other Installation, Maintenance and Repair Occupations

Misc. Const. Equipment Operators

Paving, Surfacing and Tamping Equipment Operators
Pile-Driver Operators
Operating Engineers and Other Construction Equipment Operators

Painters, Const. Maintenance

Painters, Construction and Maintenance
Paperhangers

Pipelayers and Plumbers

Pipelayers
Plumbers, Pipefitters and Steamfitters

Plasterers and Stucco Masons

Roofers

Security Guards & Surveillance Officers

Sheet Metal Workers

Structural Iron and Steel Workers

Welding, Soldering and Brazing Workers

Welders, Cutter, Solderers and Brazers
Welding, Soldering and Brazing Machine Setter, Operators and Tenders

Workers, Extractive Crafts, Miners

The City of San Diego
COMPTROLLER'S CERTIFICATE

CERTIFICATE OF UNALLOTTED BALANCE

ORIGINATING CC 3000008008
 BUS. AREA NO.: 2113

I HEREBY CERTIFY that the money required for the allotment of funds for the purpose set forth in the foregoing resolution is available in the Treasury, or is anticipated to come into the Treasury, and is otherwise unallotted.

Amount: _____

Purpose: _____

Date: _____ By: _____

COMPTROLLER'S DEPARTMENT

ACCOUNTING DATA									
Doc. Item	Funded Program	Fund	Grant Number	G/L Account	Functional Area	Business Area	Fund Center or Cost Center	Internal Order or WBS Element	Original Amount
TOTAL AMOUNT									

FUND OVERRIDE

CERTIFICATION OF UNENCUMBERED BALANCE

I HEREBY CERTIFY that the indebtedness and obligation to be incurred by the contract or agreement authorized by the hereto attached resolution, can be incurred without the violation of any of the provisions of the Charter of the City of San Diego; and I do hereby further certify, in conformity with the requirements of the Charter of the City of San Diego, that sufficient moneys have been appropriated for the purpose of said contract, that sufficient moneys to meet the obligations of said contract are actually in the Treasury, or are anticipated to come into the Treasury, to the credit of the appropriation from which the same are to be drawn, and that the said money now actually in the Treasury, together with the moneys anticipated to come into the Treasury, to the credit of said appropriation, are otherwise unencumbered.

Not to Exceed: \$320,000.00

Vendor: Los Angeles Truck Centers, LLC dba Los Angeles Freightliner

Purpose: Authorizing the Mayor or his designee to execute the As-Needed Agreement with Los Angeles Truck Centers, dba Los Angeles Freightliner for the Purchase of Rear Loader Vehicles.

Date: July 8, 2015

By: Robert Barreras *Rob Barreras*
 COMPTROLLER'S DEPARTMENT

ACCOUNTING DATA									
Doc. Item	Funded Program	Fund	Grant Number	G/L Account	Functional Area	Business Area	Fund Center or Cost Center	Internal Order or WBS Element	Original Amount
1		720037		560045	OTHR-00000000-GG	2113	2113140012		\$320,000.00
TOTAL AMOUNT									\$320,000.00

FUND OVERRIDE

CC 3000008008