AGREEMENT

THIS AGREEMENT is made and entered into by and between the **CITY AND COUNTY OF DENVER**, a municipal corporation of the State of Colorado (the "City" or "Customer") and **COLORADO KENWORTH, INC.**, a Colorado corporation whose address is 852 S. Jason St., Denver CO 80223 ("Contractor").

RECITALS:

- 1. The City desires to obtain one Kenworth K270 Loadmaster Elite Rear Loader Refuse Truck and associated equipment, and Contractor desires to provide that equipment to the City.
- 2. Payment for the equipment shall be financed through a separate lease-purchase agreement (the "LPA") between the City and Chase Equipment Finance, Inc., ("Financer").

AGREEMENT:

For and in consideration of the agreements contained, and subject to the terms and conditions stated, in this Agreement, the parties agree as follows:

- 1. **FORM OF AGREEMENT**. This Agreement shall consist of the terms and conditions stated in the following numbered Articles, together with those exhibits or attachments that are referenced and incorporated in such Articles. In the event that any conflict between the terms and conditions contained in this document and those contained in any exhibits or attachments shall occur, the terms and conditions of these numbered Articles shall be controlling.
- 2. <u>COORDINATION AND LIAISON</u>: Contractor agrees that during the term of this Agreement it shall fully coordinate the performance of this Agreement with the City, including the Manager of Public Works ("Manager") or as otherwise directed by the City. Contractor understands that the Manager or designee is the City's representative or Project Manager under this Agreement through whom Contractor obligations performed under this Agreement shall be coordinated.

3. **EQUIPMENT AND WARRANTIES TO BE PROVIDED.**

- A. Contractor shall provide to the City the equipment and warranties listed and described on **Exhibit A** attached hereto (hereinafter referred to as the "Equipment" and "Warranties").
- B. It is understood and agreed that the Equipment and Warranties associated with this Agreement that are being provided to the City hereunder are also routinely provided to nongovernmental customers on the same terms and conditions that were offered to the City and are agreed to by the City in this Agreement.
- 4. **SPECIAL PURCHASING TERMS AND CONDITIONS:** In addition to all other terms and conditions stated in this Agreement, Contractor shall comply with the following special purchasing terms and conditions:
- A. Pricing is F.O.B. Denver, CO, delivered to the City facilities as set out on Exhibit A.

- B. Contractor agrees to bear all risk of loss, injury, or destruction of goods and materials ordered as a result of this Agreement which occur prior to delivery to the City; and such loss, injury or destruction shall not release Contractor from any obligation hereunder. Thereafter, risk of loss shall pass to the City and Financer as further described in the LPA.
- C. Contractor agrees to furnish, upon the written request of the City, any additional information needed to substantiate or clarify the design and/or performance characteristics of the Equipment.
 - D. Contractor Invoices must include the following:
 - (l) City contract control number.
 - (2) Items listed individually.
 - (3) Invoice number and date.
 - (4) Requesting department name and "ship to" address.
 - (5) Payment terms.
- 5. <u>TERM</u>. The Term of this Agreement shall commence upon January 1, 2014, and expire on December 31, 2015.

6. **COMPENSATION**.

- A. It is understood and agreed that the City has elected to lease/purchase/finance the Equipment and Warranties through the LPA. The City and Financer have also entered into an escrow agreement that together with the LPA provide for payment to the Contractor of the maximum amount stated herein subject to the procedure set out in the LPA. The Contractor's performance under this Agreement is expressly conditioned upon funding of the escrow agreement and proper payment as set out herein.
- B. The total compensation payable to Contractor for acquiring and delivering the Equipment together with the Warranties shall not exceed the amount of **ONE HUNDRED SIXTEEN THOUSAND SIX HUNDRED AND SIXTEEN DOLLARS AND NINETY CENTS** (\$116,616.90) (the "Maximum Purchase Amount"), payable directly to the Contractor by Financer. Title to the Equipment shall vest with Financer upon payment of the Maximum Purchase Amount to Contractor. Beneficial use of the Equipment and Warranties shall remain with the City.
- C. The total compensation payable by the City to Contractor under this Agreement for the Equipment and Warranties shall not exceed Zero Dollars (\$0.00) (the "Maximum Contract Amount").
- D. The total obligation of the City hereunder shall be limited to funds appropriated for the purposes of this Agreement by the Council of the City and County of Denver, paid into the Treasury of the City and encumbered for the purpose of this Agreement.
- 7. **TIME IS OF THE ESSENCE**: The parties agree that in the performance of the terms, conditions, and requirements of this Agreement by Contractor, time is of the essence.

- 8. **STATUS OF CONTRACTOR**: It is understood and agreed by and between the parties that the status of Contractor shall be that of an independent contractor and it is not intended, nor shall it be construed, that Contractor or any employee or subconsultant is an employee, officer, or agent of the City under Chapter 18 of the Denver Revised Municipal Code for purposes of unemployment compensation, workers' compensation, or for any purpose whatsoever.
- 9. **TERMINATION OF AGREEMENT**: The City may terminate this Agreement at any time on thirty (30) days' notice if Contractor is in breach or default of the Agreement or if the underlying project or activity is canceled. The City may also by written Notice of Default to Contractor terminate the whole or part of this Agreement in the event Contractor or any of its officers or employees are convicted, plead <u>nolo contendere</u>, enter into a formal agreement in which they admit guilt, enter a plea of guilty, or otherwise admit culpability to criminal offenses of bribery, kickbacks, collusive bidding, bid-rigging, antitrust, fraud, undue influence, theft, racketeering, extortion or any offense of a similar nature, in connection with Contractor's business. Contractor may terminate this Agreement upon ten (10) days prior written notice if (a) the City breaches this Agreement and the breach remains uncured for thirty (30) days after receipt of written notice of the breach, or (b) Financer fails to honor its obligations under the LPA.
- 10. WHEN RIGHTS AND REMEDIES NOT WAIVED: In no event shall any payment by the City hereunder constitute or be construed to be a waiver by the City of any breach of term, covenant, or condition or any default which may then exist on the part of Contractor, and the making of any such payment when any such breach or default shall exist shall not impair or prejudice any right or remedy available to the City with respect to such breach or default; and no assent, expressed or implied, to any breach of any one or more terms, covenants, or conditions of the Agreement shall be construed as a waiver of any succeeding or other breach.
- 11. **EXAMINATION OF RECORDS**: Contractor agrees that any duly authorized representative of the City, including the City Auditor or his representative, shall, until the expiration of three (3) years after the final payment under this Agreement, have access to and the right to examine any directly pertinent books, documents, papers and records of Contractor, involving transactions related to this Agreement.
- 12. TAXES, PERMITS AND LICENSES: Contractor agrees to pay promptly all taxes, excises, license fees and permit fees of whatever nature applicable to its operations, and to take out and keep current all required licenses or permits, whether municipal, state or federal, required for the conduct of its business hereunder, and further agrees not to permit any of said taxes, excises or license or permit fees to become delinquent. Contractor further agrees to furnish the City, upon request, duplicate receipts or other satisfactory evidence showing the prompt payment by Contractor of all required licenses and permits and all taxes. Contractor further agrees to pay promptly when due all bills, debts and obligations incurred by it in connection with its operations, and not to permit the same to become delinquent and to suffer no lien, mortgage, judgment or execution to be filed which will in any way impair the rights of the City under this Agreement.
- 13. <u>VENUE, GOVERNING LAW</u>: Each and every term, condition, or covenant herein is subject to and shall be construed in accordance with the provisions of Colorado law, any applicable federal law, the Charter of the City and County of Denver and the ordinances, regulations, and Executive Orders enacted and/or promulgated pursuant thereto. Such applicable law, together with the Charter, Revised Municipal Code, regulations and Executive Orders of the City and County of Denver, as the same may be amended from time to time, is hereby expressly

incorporated into this Agreement as if fully set out herein by this reference. Venue for any action arising hereunder shall be in the Denver County or Denver District Court in the City and County of Denver, Colorado.

14. <u>USE, POSSESSION OR SALE OF ALCOHOL OR DRUGS</u>: Contractor, its officers, agents, and employees shall cooperate and comply with the provisions of Executive Order 94 and Attachment A thereto concerning the use, possession or sale of alcohol or drugs. Violation of these provisions or refusal to cooperate with implementation of the policy can result in the City's barring Contractor from City facilities or participating in City operations.

15. **ASSIGNMENT AND SUBCONTRACTING**:

- A. Provided that the City shall have accepted the Equipment, the City shall not have the right to and shall not assert against any assignee of Financer or other registered owner of the Equipment any claim, counterclaim or other right the City may have against the Contractor.
- B. None of the City's right, title and interest in any portion of the Equipment may be assigned or encumbered by the City for any reason; except that the City may sublease all or part of such Equipment if (a) such sublease is to an agency or department of, or a political subdivision of, the State or (b) the City obtains the prior written consent of Financer and an opinion of nationally recognized counsel in the area of tax exempt municipal obligations satisfactory to Financer that such subleasing will not adversely affect the exclusion of the interest components of the rental payments made to Financer under the lease-purchase transaction referenced herein from gross income for federal income purposes. Any such sublease of all or part of any Equipment shall be subject to the lease-purchase transaction with Financer and the rights of Financer in, to and under such transaction with respect to the Equipment.
- C. The City is otherwise not obligated or liable under this Agreement to any party other than the Contractor named herein. Contractor understands and agrees that it shall not assign or subcontract with respect to any of its rights, benefits, obligations or duties under this Agreement except upon prior written consent and approval of the City, which consent or approval may be withheld in the absolute discretion of the City; and in the event any such assignment or subcontracting shall occur, such action shall not be construed to create any contractual relationship between the City and such assignee or subcontractor, and Contractor herein named shall remain fully responsible to the City according to the terms of this Agreement.
- 16. <u>NO DISCRIMINATION IN EMPLOYMENT</u>: In connection with the performance of work under this Agreement, Contractor agrees not to refuse to hire, discharge, promote or demote, or to discriminate in matters of compensation against any person otherwise qualified, solely because of race, color, religion, national origin, gender, age, military status, sexual orientation, marital status, or physical or mental disability; and Contractor further agrees to insert the foregoing provision in all subcontracts hereunder.

17. **INSURANCE:**

A. General Conditions: Contractor agrees to secure, at or before the time of execution of this Agreement, the following insurance covering all operations, goods or services provided pursuant to this Agreement. Contractor shall keep the required insurance coverage in force at all times during the term of the Agreement, or any extension thereof, during any warranty period, and for three (3) years after termination of the Agreement. The required

insurance shall be underwritten by an insurer licensed or authorized to do business in Colorado and rated by A.M. Best Company as "A-"VIII or better. Each policy shall contain a valid provision or endorsement requiring notification to the City in the event any of the required policies be canceled or non-renewed before the expiration date thereof. Such written notice shall be sent to the parties identified in the Notices section of this Agreement. Such notice shall reference the City contract number listed on the signature page of this Agreement. Said notice shall be sent thirty (30) days prior to such cancellation or non-renewal unless due to nonpayment of premiums for which notice shall be sent ten (10) days prior. If such written notice is unavailable from the insurer, contractor shall provide written notice of cancellation, non-renewal and any reduction in coverage to the parties identified in the Notices section by certified mail, return receipt requested within three (3) business days of such notice by its insurer(s) and referencing the City's contract number. If any policy is in excess of a deductible or self-insured retention, the City must be notified by the Contractor. Contractor shall be responsible for the payment of any deductible or self-insured retention. The insurance coverages specified in this Agreement are the minimum requirements, and these requirements do not lessen or limit the liability of the Contractor. The Contractor shall maintain, at its own expense, any additional kinds or amounts of insurance that it may deem necessary to cover its obligations and liabilities under this Agreement.

- **B.** Proof of Insurance: Contractor shall provide a copy of this Agreement to its insurance agent or broker. Contractor may not commence services or work relating to the Agreement prior to placement of coverage. Contractor certifies that the certificate of insurance attached as Exhibit B, preferably an ACORD certificate, complies with all insurance requirements of this Agreement. The City requests that the City's contract number be referenced on the Certificate. The City's acceptance of a certificate of insurance or other proof of insurance that does not comply with all insurance requirements set forth in this Agreement shall not act as a waiver of Contractor's breach of this Agreement or of any of the City's rights or remedies under this Agreement. The City's Risk Management Office may require additional proof of insurance, including but not limited to policies and endorsements.
- C. <u>Additional Insureds:</u> For Commercial General Liability, and Auto Liability, Contractor and subcontractor's insurer(s) shall name the City and County of Denver, its elected and appointed officials, employees and volunteers as additional insured.
- **D.** <u>Waiver of Subrogation:</u> For all coverages, Contractor's insurer shall waive subrogation rights against the City.
- **E.** <u>Subcontractors and Subconsultants:</u> All subcontractors and subconsultants (including independent contractors, suppliers or other entities providing goods or services required by this Agreement) shall be subject to all of the requirements herein and shall procure and maintain the same coverages required of the Contractor. Contractor shall include all such subcontractors as additional insured under its policies (with the exception of Workers' Compensation) or shall ensure that all such subcontractors and subconsultants maintain the required coverages. Contractor agrees to provide proof of insurance for all such subcontractors and subconsultants upon request by the City.

- **F.** Workers' Compensation/Employer's Liability Insurance: Contractor shall maintain the coverage as required by statute for each work location and shall maintain Employer's Liability insurance with limits of \$100,000 per occurrence for each bodily injury claim, \$100,000 per occurrence for each bodily injury caused by disease claim, and \$500,000 aggregate for all bodily injuries caused by disease claims. Contractor expressly represents to the City, as a material representation upon which the City is relying in entering into this Agreement, that none of the Contractor's officers or employees who may be eligible under any statute or law to reject Workers' Compensation Insurance shall effect such rejection during any part of the term of this Agreement, and that any such rejections previously effected, have been revoked as of the date Contractor executes this Agreement.
- **G.** <u>Commercial General Liability:</u> Contractor shall maintain a Commercial General Liability insurance policy with limits of \$1,000,000 for each occurrence, \$1,000,000 for each personal and advertising injury claim, \$2,000,000 products and completed operations aggregate, and \$2,000,000 policy aggregate.
- **H.** <u>Business Automobile Liability:</u> Contractor shall maintain Business Automobile Liability with limits of \$1,000,000 combined single limit applicable to all owned, hired and non-owned vehicles used in performing services under this Agreement

I. Additional Provisions:

- (a) For Commercial General Liability and Excess Liability, the policies must provide the following:
 - (i) That this Agreement is an Insured Contract under the policy;
 - (ii) Defense costs are in excess of policy limits;
 - (iii) A severability of interests or separation of insureds provision (no insured vs. insured exclusion); and
 - (iv) A provision that coverage is primary and non-contributory with other coverage or self-insurance maintained by the City.
 - (b) For claims-made coverage:
 - (i) The retroactive date must be on or before the contract date or the first date when any goods or services were provided to the City, whichever is earlier
 - (c) Contractor shall advise the City in the event any general aggregate or other aggregate limits are reduced below the required per occurrence limits. At their own expense, and where such general aggregate or other aggregate limits have been reduced below the required per occurrence limit, the Contractor will procure such per occurrence limits and furnish a new certificate of insurance showing such coverage is in force.

K. <u>City's Insurance</u>. The City is self-insured pursuant to the Colorado Governmental Immunity Act, C.R.S. §24-10-101 et seq., and shall not be required to obtain any liability, fire, casualty or other insurance as a result of this Agreement. Neither shall any contrary statement contained in any attachment or exhibit hereto be construed to shift the risk of loss or liability to the City.

18. **DEFENSE AND INDEMNIFICATION:**

- A. Contractor hereby agrees to defend, indemnify, reimburse and hold harmless City, its appointed and elected officials, agents and employees for, from and against all liabilities, claims, judgments, suits or demands for damages to persons or property arising out of, resulting from, or relating to the work performed under this Agreement ("Claims"), unless such Claims have been specifically determined by the trier of fact to be the sole negligence or willful misconduct of the City. This indemnity shall be interpreted in the broadest possible manner to indemnify City for any acts or omissions of Contractor or its subcontractors either passive or active, irrespective of fault, including City's concurrent negligence whether active or passive, except for the sole negligence or willful misconduct of City.
- **B**. Contractor's duty to defend and indemnify City shall arise at the time written notice of the Claim is first provided to City regardless of whether Claimant has filed suit on the Claim. Contractor's duty to defend and indemnify City shall arise even if City is the only party sued by claimant and/or claimant alleges that City's negligence or willful misconduct was the sole cause of claimant's damages.
- C. Contractor will defend any and all Claims which may be brought or threatened against City and will pay on behalf of City any expenses incurred by reason of such Claims including, but not limited to, court costs and attorney fees incurred in defending and investigating such Claims or seeking to enforce this indemnity obligation. Such payments on behalf of City shall be in addition to any other legal remedies available to City and shall not be considered City's exclusive remedy.
- **D.** Insurance coverage requirements specified in this Agreement shall in no way lessen or limit the liability of the Contractor under the terms of this indemnification obligation. The Contractor shall obtain, at its own expense, any additional insurance that it deems necessary for the City's protection.
- **E**. This defense and indemnification obligation shall survive the expiration or termination of this Agreement.
- **F.** In the event of any claim to the City concerning infringement or violation of a third party's intellectual property rights, the City will endeavor to promptly notify Contractor in writing of any such claim and will cooperate with Contractor and its legal counsel in the defense thereof. Contractor may in its discretion (1) contest, (2) settle, (3) procure for the City the right to continue using the Equipment, software, or services, or (4) modify or replace them to be non-infringing (as long as the functionality and performance are not degraded as reasonably determined by the City). The City may participate in the defense of such action at its own expense. If none of the foregoing options is reasonably possible, then Contractor will

refund a pro-rata portion of the amounts paid hereunder with respect to the Equipment, software, or services (based on the expected life thereof) and reimburse the City for all reasonable expenses for removal and replacement of the Equipment or software. Contractor is not liable for any infringement-related liabilities based upon modifications to the Equipment or software made by the City without Contractor' consent or being used or sold with products not provided by Contractor and made without Contractor's consent.

- 19. **CONFLICT OF INTEREST**: The parties agree that no official, officer or employee of the City shall have any personal or beneficial interest whatsoever in the services or property described herein and Contractor further agrees not to hire or contract for services any official, officer or employee of the City or any other person which would be in violation of the Denver Revised Municipal Code Chapter 2, Article IV, Code of Ethics, or Denver City Charter Sections 1.2.9 and 1.2.12.
- 20. **NO THIRD PARTY BENEFICIARY**: It is expressly understood and agreed that enforcement of the terms and conditions of this Agreement, and all rights of action relating to such enforcement, shall be strictly reserved to the City and Contractor, and nothing contained in this Agreement shall give or allow any such claim or right of action by any other or third person or entity on such Agreement, including but not limited to subcontractors and suppliers. It is otherwise the express intention of the City and Contractor that any person or entity other than the City or Contractor receiving services or benefits under this Agreement shall be deemed to be an incidental beneficiary only.

21. TRADE SECRETS AND CONFIDENTIAL INFORMATION:

- **A**. Contractor shall not at any time or in any manner, either directly or indirectly, divulge, disclose or communicate to any person, firm or corporation in any manner whatsoever any information concerning any matters related to this Agreement which are not subject to public disclosure, including without limitation the trade secrets of businesses or entities doing business with the City and other privileged or confidential information.
- **B**. In the event that this Agreement or any exhibit or attachment is the subject of an open records request by a third party under Colorado law, the City will notify Contractor of such request. If Contractor believes that any material furnished to the City under this Agreement is not subject to disclosure, it shall take whatever action it deems necessary or appropriate to obtain a court order from the Denver District Court to preclude such disclosure by the City.
- 22. **<u>DISPUTES</u>**: All disputes of whatsoever nature between the City and Contractor regarding this Agreement shall be resolved by administrative hearings pursuant to the procedure established by Denver Revised Municipal Code §56-106(b) et. seq. For the purposes of that procedure, the City official rendering a final determination shall be the City representative identified in Article 2 hereof.
- 23. <u>TAXES, CHARGES AND PENALTIES</u>: The City shall not pay or be liable for any claimed interest, late charges, fees, taxes or penalties of any nature, except as required by the City's Revised Municipal Code.
- 24. **PARAGRAPH HEADINGS**: The captions and headings set forth herein are for convenience of reference only, and shall not be construed so as to define or limit the terms and provisions hereof.

- 25. **SEVERABILITY**: It is understood and agreed by the parties hereto that if any part, term, or provision of this Agreement, except for the provisions of the Agreement requiring prior appropriation of funds and limiting the total amount payable by the City, is by the courts held to be illegal or in conflict with any law of the State of Colorado, the validity of the remaining portions or provisions shall not be affected, and the rights and obligations of the parties shall be construed and enforced as if the Agreement did not contain the particular part, term, or provision held to be invalid.
- 26. SURVIVAL OF CERTAIN AGREEMENT PROVISIONS: The parties understand and agree that all terms, conditions and covenants of this Agreement, together with the exhibits and attachments hereto, if any, any or all of which, by reasonable implication, contemplate continued performance or compliance beyond the expiration or termination of this Agreement (by expiration of the term or otherwise), shall survive such expiration or termination and shall continue to be enforceable as provided herein. Without limiting the generality of the foregoing, Contractor's obligations for the provision of insurance, for indemnity to the City and for preserving confidentiality of trade secrets and other information shall survive for a period equal to any and all relevant statutes of limitation, plus the time necessary to fully resolve any claims, matters, or actions begun within that period.
- Agreement, together with the LPA, are intended as the complete integration of all understandings between the parties as to the subject matter of this Agreement. No prior or contemporaneous addition, deletion, or other amendment hereto shall have any force or effect whatsoever, unless embodied herein in writing. No subsequent novation, renewal, addition, deletion, or other amendment hereto shall have any force or effect unless embodied in a written amendatory or other Agreement properly executed by the parties. No oral representation by any officer or employee of the City at variance with the terms and conditions of this Agreement or any written amendment to this Agreement shall have any force or effect or bind the City. Amendments to this Agreement will become effective when approved by both parties and executed in the same manner as this Agreement. This Agreement and any amendments shall be binding upon the parties, their successors and assigns.

28. **LEGAL AUTHORITY**:

- **A**. Contractor assures and guarantees that it possesses the legal authority, pursuant to any proper, appropriate and official motion, resolution or action passed or taken, to enter into this Agreement.
- **B**. The person or persons signing and executing this Agreement on behalf of Contractor, do hereby warrant and guarantee that he/she or they have been fully authorized by Contractor to execute this Agreement on behalf of Contractor and to validly and legally bind Contractor to all the terms, performances and provisions herein set forth.
- C. The City shall have the right, at its option, to either temporarily suspend or permanently terminate this Agreement, if there is a dispute as to the legal authority of either Contractor or the person signing the Agreement to enter into this Agreement. The City shall not be obligated to pay Contractor for any performance of the provisions of this Agreement after the City has suspended or terminated this Agreement as provided in this Article.

29. **COUNTERPARTS OF THIS AGREEMENT**: This Agreement shall be executed in two (2) counterparts, each of which shall be deemed to be an original of this Agreement.

30. <u>NO EMPLOYMENT OF ILLEGAL ALIENS TO PERFORM WORK UNDER THE AGREEMENT:</u>

A. This Agreement is subject to Division 5 of Article IV of Chapter 20 of the Denver Revised Municipal Code, and any amendments (the "Certification Ordinance").

B. The Contractor certifies that:

- (1) At the time of its execution of this Agreement, it does not knowingly employ or contract with an illegal alien who will perform work under this Agreement.
- (2) It will participate in the E-Verify Program, as defined in § 8-17.5-101(3.7), C.R.S., to confirm the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement.

C. The Contractor also agrees and represents that:

- (1) It shall not knowingly employ or contract with an illegal alien to perform work under the Agreement.
- (2) It shall not enter into a contract with a sub-consultant or subcontractor that fails to certify to the Contractor that it shall not knowingly employ or contract with an illegal alien to perform work under the Agreement.
- (3) It has confirmed the employment eligibility of all employees who are newly hired for employment to perform work under this Agreement, through participation in either the E-Verify Program.
- (4) It is prohibited from using either the E-Verify Program procedures to undertake pre-employment screening of job applicants while performing its obligations under the Agreement, and that otherwise requires the Contractor to comply with any and all federal requirements related to use of the E-Verify Program including, by way of example, all program requirements related to employee notification and preservation of employee rights.
- (5) If it obtains actual knowledge that a sub-consultant or subcontractor performing work under the Agreement knowingly employs or contracts with an illegal alien, it will notify such subconsultant or subcontractor and the City within three (3) days. The Contractor will also then terminate such sub-consultant or subcontractor if within three (3) days after such notice the subconsultant or subcontractor does not stop employing or contracting with the illegal alien, unless during such three-day period the subconsultant or subcontractor provides information to establish that

- the sub-consultant or subcontractor has not knowingly employed or contracted with an illegal alien.
- (6) It will comply with any reasonable request made in the course of an investigation by the Colorado Department of Labor and Employment under authority of § 8-17.5-102(5), C.R.S., or the City Auditor, under authority of D.R.M.C. 20-90.3.
- **D.** The Contractor is liable for any violations as provided in the Certification Ordinance. If Contractor violates any provision of this section or the Certification Ordinance, the City may terminate this Agreement for a breach of the Agreement. If the Agreement is so terminated, the Contractor shall be liable for actual and consequential damages to the City. Any such termination of a contract due to a violation of this section or the Certification Ordinance may also, at the discretion of the City, constitute grounds for disqualifying Contractor from submitting bids or proposals for future contracts with the City.
- 31. <u>ELECTRONIC SIGNATURES AND ELECTRONIC RECORDS:</u> Contractor consents to the use of electronic signatures by the City. The Agreement, and any other documents requiring a signature hereunder, may be signed electronically by the City in the manner specified by the City. The Parties agree not to deny the legal effect or enforceability of the Agreement solely because it is in electronic form or because an electronic record was used in its formation. The Parties agree not to object to the admissibility of the Agreement in the form of an electronic record, or a paper copy of an electronic document, or a paper copy of a document bearing an electronic signature, on the ground that it is an electronic record or electronic signature or that it is not in its original form or is not an original.
- 32. <u>NOTICES</u>: All notices required by the terms of the Agreement must be hand delivered, sent by overnight courier service, mailed by certified mail, return receipt requested, or mailed via United States mail, postage prepaid, if to Contractor at the address first above written, and if to the City at:

Manager of Public Works or Designee 201 West Colfax Avenue, Dept. 608 Denver, Colorado 80202

With a copy of any such notice to:

Denver City Attorney's Office 1437 Bannock St., Room 353 Denver, Colorado 80202

Notices hand delivered or sent by overnight courier are effective upon delivery. Notices sent by certified mail are effective upon receipt. Notices sent by mail are effective upon deposit with the U.S. Postal Service. The parties may designate substitute addresses where or persons to whom notices are to be mailed or delivered. However, these substitutions will not become effective until actual receipt of written notification.

33. <u>COMPLIANCE WITH ALL LAWS</u>: Contractor shall perform or cause to be performed all services in full compliance with all applicable laws, rules, regulations and codes of

the United States, the State of Colorado; and with the Charter, ordinances, rules, regulations and Executive Orders of the City and County of Denver.

- 34. **NO CONSTRUCTION AGAINST DRAFTING PARTY**: The parties and their respective counsel have had the opportunity to review the Agreement, and the Agreement will not be construed against any party merely because any provisions of the Agreement were prepared by a particular party.
- 35. <u>ADVERTISING AND PUBLIC DISCLOSURE</u>: The Contractor shall not include any reference to the Agreement or to services performed pursuant to the Agreement in any of the Contractor's advertising or public relations materials without first obtaining the written approval of the Manager. Any oral presentation or written materials related to services performed under the Agreement will be limited to services that have been accepted by the City. The Contractor shall notify the Manager in advance of the date and time of any presentation. Nothing in this provision precludes the transmittal of any information to City officials.
- 36. <u>CITY EXECUTION OF AGREEMENT:</u> The Agreement will not be effective or binding on the City until it has been fully executed by all required signatories of the City and County of Denver, and if required by Charter, approved by the City Council.

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EXHIBIT A EQUIPMENT PURCHASED

Quantity	<u>ltem</u>	<u>Unit Price</u>
1	Kenworth K270 Loadmaster Elite Rear Loader Refuse Truck	\$116,616.90
	TOTAL PURCHASE AMOUNT:	\$116,616.90

Delivery of Equipment shall occur no later than the later of 180 days from the complete signing of this Agreement or November 15, 2014.

Deliver shall be to 5440 Roslyn Street, Denver, CO 80216.

Specifications of equipment, training, and warranties to be provided by Contractor are set out on the attached pages, which together with this cover sheet constitute **Exhibit A**.

CCD_LOI_MHC KENWORTH_SMALL REAR LOADER

DIRECTOR OF PURCHASING	MAYOR	MANAGER, GENERAL SERVICES
JAMES P. MCINTYRE	MICHAEL HANCOCK	ADRIENNE BENAVIDEZ
720-913-8122	LPE MISS MIGH SI //	FAX: (/20) 913-8101
Buyer: Michael Romero	O III V II R	Phone: (720) 913-8100
,		Denver, CO 80202
www.denvergov.org/purchasing		Department 304, 11th Floor
PURCHASING DIVISION		201 West Colfax Avenue
Department of General Services		PURCHASING DIVISION
		Department of General Services
	CITY AND COLUTY OF DENVER	RETURN TO:

FORMAL PROPOSAL

Formal Proposal No. 7063

REFUSE TRUCKS Front Loader and Small Rear Loaders 26,000-66,000 GVWR

SCHEDULE OF EVENTS

•	Proposal Issued	February 19, 2013	
	Deadline to Submit Additional Questions	March 1, 2013	
•	Response to Written Questions	March 6, 2013	
•	Proposal Due Date	March 12, 2013	

Vendor offers to furnish to the City and County of Denver the materials, supplies, products or services requested in accordance with the specifications and subject to the Terms and Conditions described herein.

VENDOR SIGN HERE

Sig	ı	Ву:	Company Name: _
(Signature) Signature constitutes acceptance of all Terms and Conditions listed on this form and all documents attached.	(Printed or Typed Name)	Aaron Lay	MHC KENWORTH - DENVER

CCD_FORMAL PROPOSAL 7063
CONFIGURATION #2
REF_12-078, 079

CITY AND COUNTY OF DENVER Technical Specifications and Bid Items For a Small and Narrow Rear Loader Refuse Truck

1.0 General Description

engine is at "low idle" approximately 800-rpm or less, revving engine shall not increase speed /efficiency. The truck shall be fully equipped and and overhead obstructions. The truck shall be suitable for a minimum of 6 years service (400 pick ups/day, 5 days/week) by Solid Waste axle, 26,000 GVWR minimum (plate certified) with maximum trash yardage (yards³) rectangular shaped rear loader body that will at maximum load engine with low entry, cab forward design and left hand drive. Powered by a turbo-charged diesel engine with charge air cooling, a single drive road ready, easily capable of transporting over the road, into, trash transfer facilities or into landfills a fully packed, truck + load, 26,000 GVWR dispensing the load efficiently from the body. The truck's compaction and ejection shall operate at maximum efficiency and speed when the truck Management in manual rear loading of residential waste materials, compacting and transporting the refuse to a landfill or transfer station and restricted access that include tight turns, narrow pick up areas, deep drainage transitions, steep angles at street transitions into alleys etc plus side be at 26,000-lbs maximum GVWR. Collection operations shall be conducted in Denver's very narrow and tight "L" and "T" alleys with tight and A new current model year Class 7 truck de-rated to a Class 6 truck with a 26,000-lb GVWR, approximate 86" width (excluding mirrors), cab over minimum combined load.

1.1 Standard Factory Equipment

use shall also be included specifically superseded in these specifications. Accessories not specifically mentioned herein but necessary to furnish a complete unit ready for All standard factory equipment shall be included with the vehicle/equipment; no deletions of standard factory equipment will be permitted unless

1.2 Government Requirements (where applicable)

and specifications: The vehicle/equipment shall be built to, and perform in accordance with, all the requirements of the latest edition of the following standards

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FHWA,
Federal
Highway
Administration

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	FMVSS	SAE,	
Control of the state of the sta	Federal Motor Vehicle Safety Standards	Society of Automotive Engineers Specifications	

•	•
AWS	DOT,
American Welding Society Standards	Department of Transportation Regulations

•	•
VED A	PUC,
National Fire Prevention Association	Public Utilities Commission (Colorado)

1.3 Workmanship and Durability

operation of the equipment/vehicle. Workmanship throughout the vehicle/equipment shall conform to the highest standards. Durability shall be sufficient to allow safe and efficient

Vendor/Sub
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1.4 Completion of Bid Items and Alternates

- Vendor shall complete each line item in "Offered Equipment" and "Cost" columns in the following manner:

 A. Provide vehicle/equipments technical information: in "Offered Equipment" provide technical information as requested and provide cost of item in "Cost" column.
- Ē "Cost" column write NC for "No Charge". Included Standard Equipment: in "Offered Equipment" column provide technical information as requested for standard equipment in,
- ဂ offered, in "Cost" column provide cost if there is a bid item cost. Differences: in "RED" ink in "Offered Equipment" column adjacent to Description of Equipment provide information on the item being
- O Vendors shall break out and list costs for each specification section. Failure to break out proposed costs may cause proposal to be nonresponsive. Breakout costs will be used for comparisons clarifying cost issues and if deletions to the specifications need to be made.

15 Major Areas of Concern

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2. Ability to easily service rear loader body components/items that require regular (yearly or less) adjusting, servicing and maintenance.	1. Ability to easily service cab and chassis items that require regular (yearly or less) servicing and maintenance	Service Ability:	3. Location of warranty providers.	Ability and cost to obtain a 5-year warranty on rear loader body, hydraulic pump, motors cylinders and controls.	1. Ability and cost to obtain a 5-year warranty on cab and chassis.	Warranty:	8. Ease and speed of operation of collection and packing functions.	7. Ergonomic layout of vehicle and dumpster body controls.	6. Floor height and step distances.	5. Operator's vision.	4. Head room.	3. Shoulder leg and hip room,	2. Steering wheel belly room.	1. Visibility from the driver's seats (Blind Spots)	Left Side Operator Cab Area to include:	4. Ability for mirrors to be reset or adjusted into position without operator leaving operator's station.	3. Ability for mirrors to be hit by obstructions (branches etc) and absorb the hit without damage.	2. Minimum mirror width.	1. Overall extended mirror width.	Mirror width for use in tight obstructed areas to include:	Approximate overall within 0100 til 1-z excluding mirrors.	Approximate 2000 1 1:10th of 00" - 7: 0" 2:00 1:10	Description of Concern

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Build Status of Vehicles:

2.0 Contractor and all sub vendors after receipt of the City's purchase order shall:

include but not limited to: The primary Contractor (prime vendor) shall be responsible for providing within 15 business days to the City a "Preliminary Build Status Plan" to

- The "Build Status Plan" shall include sufficient detail to assure that the ordered units will meet specifications and be built to the highest quality standards and be delivered on time.
- Placement date of initial order with the cab and chassis manufacture.
- Cab and chassis manufacturer's date of order acceptance. Written order confirmation is required
- Placement date of initial order with the body manufacture.
- Body manufacturer's date of order acceptance. Written order confirmation is required
- 计らゴゴロ Build dates for all cab and chassis to include start date and completion date.
 - Build dates for the body to include start date and completion date.
- Delivery date of the cab and chassis to the sub vendor's body manufacturer.
- Beginning and completion dates for installation of the body on the cab and chassis.
- Beginning and completion dates for installation of the CNG system on the vehicle (if applicable).
- Ship date for each completed vehicle (cab and chassis with body) from sub vendor's body manufacturer to Denver and which location shipped
- Contractor and sub vendors local vehicle preparation time.
- Delivery of a completed vehicle meeting specifications to the City

2.2 The Contractor shall contact all sub vendors:

orders the accessories and equipment and has the items in stock and is prepared to install the accessories and equipment items when the vehicle dealer from the vehicle manufacturer on the ordered vehicle. It is the primary selling dealer's responsibility to assure that the sub-contractors arrives at the dealership. list of all accessories and equipment, manufacturer's order confirmation, order number, vehicle specifications, build date and delivery date to The Contractor shall contact all sub-contractors providing accessories and equipment for the vehicle (s) and provide the sub-contractors with the a

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Vendor/Sub Vendor:

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Basic Requirements, or approved equal.

When a brand/model is referenced in the specifications unless it is stated as "No Approved Equal" it is only a statement of expected quality, information on alternative products shall be provided with the bid so a full technical comparison can be made of the product submitted as an "approved equal".

<u>3.1</u> Basic Vehicle or Approved Equal:

Frame: 1. Rating 26,000-lbs. GVWR or better minimum, 2. Heavy-duty 120,000-psi full channel heat-treated steel, with main frame 1,938,000 in-lb. RBM minimum.	The left side operator configuration is very important for operator comfort and efficiency. The operator position shall accommodate operators of various physical sizes providing good visibility, steering wheel/belly clearance, and shoulder width room. Also all the controls for operating the attached equipment shall be in an ergonomic layout/configuration that promotes minimal operator movement, operator comfort and operation efficiency.	Cab over engine, Kenworth K270 or Peterbilt 210 or approved equal, 3-man capacity, narrow cab forward single axle design. 1. Sit-down left side operator controls, 2. Single axle 26,000 lb. minimum GVWR (plate certified), 3. Wheelbase approximately 146-inch, appropriate for small rear loader body: inches, 4. Effective cab to axle approximate 134-inch, clean, appropriate for rear loader trash body. 5. After frame 36" minimum 6. Front tire cut angle 55° 7. Wall-to-wall turning diameter 54 ft. or better left and right 8. Both the cab and chassis and body vendors shall verify wheelbase and weight rating is appropriate for truck and specified body for the small rear loader application.	The below specification are general guide lines for a complete small rear loader trash truck the combined weight of the cab & chassis, body and trash payload to not exceed 26,000-lbs but come as close as possible to maximizing the full weight capacity of the vehicle with maximum payload for "Best Route Efficiency".
Frame Rating: 26,000 -lbs Yield Strength: 120,000 psi Section Modulus/rail: 11.65 in³ Frame RBM/rail: 1,398,664 lbf-in	Yes No	Make: KENWORTH Model: k270 Left Side: Yes No Rating: 26,000 lbs Wheelbase: 146 " C to A: 134 " A F: 70 " Cut Angle: Left 55 o Right 55 o Turn Dia:: Left 40 ft Right 40 ft Yes No	Chered Equipment
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Keying: 1. Keys keyed alike Ignition, Door, (same) and Toolboxes (same), 2 standard sets per vehicle. 2. Additional 5 key sets 3. If the City has similar make and model trucks in fleet the trucks shall be keyed the same as existing trucks.	 A check valve shall be provided at the vehicles air tank to prevent air loss. 		 Connector shall be equal to: Camel PN 61-523 or Amflo PN C2 or Schrader PN 3504. "Reference Only". 	 Air brake 1/4" temale Type "C" steel quick-connect hook up system on vehicle for wrecker air brake connection. 	- 2	Air dryer shall be easy and quick to access for servicing. Towing Provisions:	components from road splash. 2. Access to rear engine mounts or transmission removal should not	 All components that require regular servicing shall be easy to access and be located as much as possible to protect the 	Component Service:
Cost for 5 additional set of keys: \$ 35.00 Yes No	Yes No	Yes No		Make: Model:	Yes No 17 17	Mounting Location: LH Rall	Yes No	Yes No	
\$ NC				\$	()			(A)	

3<u>.</u>2 Engine or "Approved Equal"

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	urbocharged Cummins ISB 6.7L, diesel, rated at approximately @ 2,300 rpm, torque approximately 660 lb/ft @ 1,600 rpm, m governed includes: Engine shall be appropriate for the ar loader trash truck application ine shall utilize DEF (diesel exhaust fluid) to meet current and 4 EPA regulations and reduce NOx and "Green house Gas ssions.	Engine:	Description of Equipment
2013 CUMMINS	Make: PX-^ Model: ISB 6.7L HP: 250 @ 2300 rpm Torque: 660 @ 1600 rpm Emissions Rating: 2014 Model and current EPA Meets 2014 "Green House Emissions": Yes No		Offered Equipment
	#	9 0	Cost

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Yes No
Trap Make: PACCAR
Make: N/A
Yes No
Yes No
Make: Paccar Make: Paccar
Make: DECLO
Yes No Make: BOSCH
Yes No
Yes No
Yes No
Offered Equipment
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4. Hour Joinial with a vertical chrome stack and stainless steel exhaust system. 5. Exhaust discharge shall be above roofline and exhaust gase shaust not discolor the body or be drawn into the operator's cab. Fuel tank: 1. Fuel tank 45-gallons minimum with non-slip step in tank shall be mounted on right side of chassis to provide step and platform for accessing the body clean-out door. 2. The tank shall frame mounted. 3. Fuel tank may be combined with body supplier's hydraulic tank. 1. Location behind fuel tank. 2. Size 6.5-gallons minimum. 3. Tank fill opening shall be easily identified as "DEF Fluid Only" and shall not accept the entrance of a standard diesel fuel nozzle. Coolant Hoses: 1. Gates Blue Stripe hoses 2. With constant torque hose clamps. Fan: 1. Fan clutch heavy-service-duty with automatic fan control. 2. The fan shall operate off of engine coolant and transmission coolant temperature. Air compressor: 1. 18.7-cfm. Cold weather starting aids on truck engine. "No Approved Equal" 1. Block heater, Phillips "Zero-Start" 120vAC, 1500 Watt, engine coolant temperature controlled to: a. Turn "on" at 40°F engine coolant temperature. b. Turn "off at 55°F engine coolant temperature. coolant temperature controlled to: a. Light when engine coolant drops below 40°F. 3. Plug-in shall be mounted below driver's door, protected from mechanical and weather damage. Heater plug shall be a male standard grounded 15 amp rated plug.	Description of Equipment
and stainless steel exhaust exhaust gas evacuation line and exhaust gases shall the operator's cab. -slip step in tank shall be vide step and platform for supplier's hydraulic tank. supplier's hydraulic tank. supplier's hydraulic tank. -supplier's hydraulic tank. supplier's hydraulic tank. supplier's hydraulic tank. -supplier's hydraulic tank. ard diesel fuel nozzle. -shard diesel f	
Yes No Yes No Yes No Yes No Yes No Location: BEHIND DEF Tank Volume: Yes No Wake: CUMMINS Capacity: 18.7 Make: PACCAR On Temperature: Off Temperature: Off Temperature: Yes No Yes No Yes No Yes No	Offered Equipment
	uipment
gallons -LH FRAME RAIL	
AIL gallons BRANDED I: 18.7 CFM IMMERSION 110-120v	
49 49 49 49 49 49 49 49 49 49 49 49 49 4	Cost

Offered Equipment

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Cost

Yes

No

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Description of Equipment	Transmission and Drivetrain	
Offered Equipment		
Cost		

wide ratio, 5-speeds minimum with the following components: refuse operation and "Best" fuel economy. Transmission and rear differential gearing shall be optimized for

ωΝ easy to access location Electric push-button transmission controls shall be located in an Transmission interface wiring for Allison MD/HD transmission. TranSynd TES 295 automatic transmission fluid.

7,0 Transmission water-to-oil cooler. miles or 36 months.

Allison High-Capacity filters for extended drain interval of 75,000

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00 Magnetic drain plug. Remote mounted transmission filter.

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Power Take Off (PTO) pumps direct mounted to Chelsea 890 PTO at rear of the Transmission direct mounted Chelsea 890 series with hydraulic transmission,

ωΝ PTO speed limiter shall be connected to the engine computer not to an external overspeed box (EOS). PTO control electrically actuated from inside cab.

4 Automatic Work Brake Hold Activated with: shall not improve hydraulic operations. PTO shall efficiently operate all hydraulic systems at engine "low idle" 750 rpm or less. Increasing engine speed above 800 rpm PTO Idle rpm:

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Ņ Rear Axles: Manually very easy to access button or switch Oil Pump Eaton single reduction, capacity 20,000-lbs. de-rated to 16,000-lbs

Make: DANA SPICER

Model:

p20060S

69

60

Yes

Z

Yes

No

750 RPM

Yes

88

Yes

S

Type: 60

ENGINE BLOCK HEATER

Transmission shall be an Allison New World 2100RDS-P with PTO, Speeds: Make: ALLISON Yes <u>Z</u> СT Model: 2100 RDS

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Yes Yes No S COBRA SHIFT

Yes Yes Yes Yes Yes Z Z Z No No

Make: Location: BODY MFG RESPONSIBILITY

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I. Air Dryer, (No Approved Equals) 1. Bendix AD-IP with heated steel reservoir, automatic moisture ejector and cable operated air tank drain valves accessible from outside of vehicle. 2. Air dryer shall be installed on the outside of the frame rail in a location that is easy access and does not exceed 15-minutes to service unit.	valve. 2. Automatic Traction Control (ATC) shall work in conjunction with the Eaton ABS brake system in low traction situations limiting torque to least loaded tire allowing most loaded tire to receive torque and pull the vehicle. The ATC system in conjunction with the Interaxle Driveline Lock shall provide traction control very similar to the Driver Controlled Differential Lock system. 3. Air lines shall be color-coded nylon type.	1. Anti	 G. Brakes: Eaton, S-cam, (16.5" x 5" front, 16.5" x 7" rear) extended service brakes with outboard mounted cast iron drums, dust shields, non-asbestos brake block. Brake spiders shall be heavy-duty design with fasteners in all possible locations. 	1. Spri	1. From	 Axle ratio for best fuel economy with an approximate 65-mph top speed. Oil seals, Union 76 Triton EP 75W-90 synthetic gear lubricant. Magnetic drain plug. 	Description of Equipment
Make: BENDIX Model: AD-IS Yes No	th Yes No	annel Make: MERITOR WABCO Model: 4S/4M	Make:	o o	Provide spec Make: DANA Capacity:	top Top Speed: 79 mph level Gear ratio: 5:57 5.29 Yes No SYNTHETIC GEAR LUBRICANT /	Offered Equipment
€ / €/	φ p	GA	<i>⇔</i>	& & 	(9)	SEAL TYPE DEPENDING	Cost

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₽	מלי	ZF LENKSYSTEME Model:	Make:	1. TRW with 2-qt. reservoir.	L
				Power Steering:	
	TOO	SPL Model:	Make:	Eaton Permalube type U-joints or approved equal.	
€		Z _o	Yes	1. Heavy-Duty suitable for trash application.	
				Driveline:	J.

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Cab and Chassis Lights: 1. Halogen sealed beam headlights, 12v. 2. Daytime running lights. 3. Wiring shall be sealed modular plug-in type. 4. Marker lights LED type.	 Back Up Alarm: Back up alarm, 107 dB, SAE type B, fully sealed, back-up alarm system wired into vehicle's backup light system using OEM plug-in adapter. The alarm shall be mounted out of the vehicle's rear wheel splash area. 	Body Builder's Junction Box 1. Body builder's junction box shall be provided. 2. Terminal shall be marked for easy identification.	Wiring:1. Wiring shall be color coded with hot stamped wire numbers.2. All wiring shall be run in sealed wiring looms to reduce corrosion from magnesium chloride products	Circuit Protection: 1. Circuit breakers with manual reset, no fuses. 2. Circuit breaker panel shall be easy to access. 3. Circuit breaker panel shall be clearly labeled for easy identification.	A. Two or three Group 31 batteries with a total CCA of 2,000 minimum. B. Battery location frame mounted left hand side. C. Battery shut-off switch easy to see and access. D. Jump start provision easy to access. E. Battery cables (00) stranded copper minimum.	Electrical System Description of Equipment A. Alternator: 1. Heavy duty, internally regulated, output 160-amp minimum.
Yes Yes Yes Make:	Yes	Yes Yes	Yes	Yes Yes	Make: P. Quantity: Location: Yes Yes Size:	Offered Equipment Make: BOSCH Rating: 10
No No No	N N	No No	N _o	Z Z Z	PACCAR GP ': 2 No No No	Equipment BOSCH 160
Model:	12v BPDY CONNECTION				Model: 31 CCA's: 1400	Model: 160A
(€	69	49	\$	€	Cost \$

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5	i.m	.>		Cooli
Fleetguard coolant filter WF2071.	Coolant protection shall be -34° F.	Cooling system with coolant recovery tank capable of maintaining engine manufacturer's recommended operating temperatures at an elevation of 6,800' in 120° F low humidity ambient conditions shall be provided.	Description of Equipment	Cooling System
Make: N/A Model:	Protection Level:34•	Yes No	Offered Equipment	ı
4	8	69	Cost	

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	Interior			Þ		Tires
Description of Equipment	Or	4107, size 22.5" x 8.25" 2. Powder epoxy coated finish, color "White".	Wheels: 1. Disc, 10-hole, Hub piloted type, Single nut, Meets ISO Standard	Tires: 11R22.5, tubeless, load range H. 1. Front: Michelin XZY-3, All-Position Tires 6,610 lb rated @ 120 psig 2. Rear dual: Michelin XZY-3 All-Position Tires 6,610 lb rated @ 120 psig	Description of Equipment	Tires and Wheels
Offered Equipment	E-COAT POWDER	Size: 22.5- *-8.25 19.5 X 8.25 Powder Coated: Yes No Color: WHITE	Make: ACCURIDE Model: 50487pw	Make: BRIDGESTONE Model: -R250f11r22-5-R250F/70R19.5 14PLY Make: BRIDGESTONE Model: M71111r22V5729 245/70R19.5 16 PLY	Offered Equipment	
Cost	\$243.10	NET DEDUCT:	€9	#250f-11#22-5-R250F/70R19.5 14PLY #711-11#22NE 29 245/70R19.5 16 PLY	Cost	

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seat, gray vinyl with cloth insert and armrests. 2. Passenger right side seat shall be 2-person bench with spring suspension mid-back seat, gray vinyl with cloth insert	Seating 3 Person Cab shall be: 1. Driver's left seat shall be air suspension Bostrom, high back driver's Make:	visibility and safer operation.	 The right door shall have a lower door window to provide better 	 b. Left and right doors shall have power full roll up/down windows. 	 a. Left and right doors shall be front hinged. 	3. Doors:	efficiency in operating the rear loader collection body.	2. Driver's controls shall be ergonomically laid out for maximum driver	 Vehicle operation shall be only from left side of vehicle. 	Left side operating controls:	Description of Equipment	
Make: kenworth Model: 2-Man Bench	ISRINGHAUSE	Yes No DAY LIGHT DOORS ON CABOVER			Yes No				Driving Location: LH side		Offered Equipment	
€ 9	G	S. S			5 7)				69		Cost	

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Instrumentation: 1. Instrumentation shall include speedometer, engine hourmeter, tachometer, voltmeter, coolant temperature, oil temperature, oil pressure, fuel level and air pressure with low-pressure alarms (light, audible).	Location of the transmission shifter: should not be obstructed by any rear loader body controls.	Steering Wheel Tilt and Telescoping:		f. Seat height travel:		d. Torso Room: Width from door to doghouse or other obstruction.		 a. Belly Room: seat back to steering wheel. 	Interior left side dimensions measured:	photographs of the proposed cab interior for review.	responsive. Vendor shall provide with hid drawings with dimensions and	Failure to submit the requested information may make bid non-	Requested information must be submitted with bid for evaluation.	Required Submittals with Bid:	determine rear loader control locations after Contract award.	The City, body vendor and the vehicle supplier shall mutually	will minimize on the job releted physical problems	operator comfort and reduce repetitive motion injuries.	assure that the controls are the most ergonomic possible to assure	The vehicle manufacturer shall work with the body supplier to	obstructing operator vision.	the ergonomic positioning of the rear loader body controls without	The engine cover "doghouse" shall be designed to accommodate	Engine Cover Dognouse
Yes	NOTO	Tilt:	Height:	Travel:	Travel:	Smallest measur	Seat full forward:	Seat full forward:		1 69	<			Provide Materials:		Yes	Yes			Yes			Yes	
No	OBSTRUCTED	elescoping distance: "	1 2 3 5 7	, , , , , , , , , , , , , , , , , , ,	#	Seat full lowered: Seat full raised: Smallest measurement: "	3	orward: " Seat full back:		2				aterials:	Š	Z _o	No			No			No	
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One each side on exterior of cab for operator and passenger assist and one interior for passenger. Grab handles shall provide adequate clearance to other objects to provide easy access and clearance to prevent pinch or other	 Location labeled with 1" letters on outside of the cab. 	Fire extinguisher: 1. Extinguisher ABC, 5-lb. dry type rechargeable 2. Installed in cab.	AM/FM stereo with two speakers.	Cab shall be insulated to include floor, firewall, roof and walls.	Factory installed cab R134A air conditioning	Intermittent wiper mode.	Wipers 2-speed self parking.	Windshield Wipers:	Floor covering shall be heavy-duty black rubber/vinyl flooring.	Elpor Covering:	driver's of various sizes and physiques. The switch panel shall have permanently labeled and lighted rocker switches for all optional sundries equipment and lights etc.	The panel location shall be in an ergonomic location and shall not require more than 30° head movement and be within easy reach of	 The vehicle manufacturer shall provide for the rear loader body manufacture an upfitter's switch panel for automated rear loader body control switches. 	Steering tilt easy to adjust Telescoping easy to adjust,	various sizes, from short and small to tall and larger.
Yes No	Yes No	Type: abc 5#	Make: KW Model: AM/FM/CD	Yes No	Refrigerant Type: PACCAR	Yes No	Speeds: multiple		Yes No		Yes No	Yes No	Yes Nö	Tilt: Yes No Telescoping: Yes No Travel In-Out: in	
-	A	6	4	7	69		(A)		69				6		

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Exterior:

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4. Overall cab width including mirrors 112" maximum.		2. Convex 8" stainless steel mirrors mounted under primary mirrors.		7" x 16" motor head, remote, heated, stainless steel left and right	1. Rear view mirrors Moto Mirror Model 7-5400 "Flat Back Traditional"	Mirrors: "No Approved Equal"	2. The cab shall tilt forward for access by easily operated momentary	1. The engine shall be fully accessible and serviceable.	Engine Accessibility:	conversion coatings or approved equal.	5. Treating bare metal with manufacturer's conditioners and	3. Removing all mill scale and slag.	components following manufactures procedures.	2. Color top coat, 2 coats, applied to all non-stainless steel		1. Polyurethane paint equal to DuPont Imron 5000, "Bright White",	Paint:	5. Maximum step height 15".	3. Front hinged doors.	2. High visibility tilt forward design.		Cab Design:	responsive.	Failure to submit the requested information may make bid non-	photographs of the proposed cab exterior including mirrors for review.	Vendor shall provide with bid drawings with dimensions and	Description of Equipment
	Make: PACCAR Model: RHLD MIRROR		113 inches	nirror folde	Overall mirror full extended width: 122.1 inches			Yes No							ICE WHITE	Make: M8870 Type: BASE/CLEAR		eight:	0	Body Material: ALUM	Body Rating: CLASS 6					Provide Materials:	Offered Equipment
		\$			÷A				69								6-9				€9					€9	Cost

	VEHICLE SUB TOTAL COST		
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\$67,341.19

+ \$2,000 (Frame Adjustment) \$69,341.19

Vendor/Sub Vendor:

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4.0 **Dealer Provided Optional Equipment**

4.1 **Electrical Systems:**

- All non-factory wire connections (splices, connectors, etc.) shall be soldered and shrink tube insulated with adhesive/meltable sealant, thick wall polyolefin shrink tubing (3M EPS-300 or equal). No non-factory crimp connections allowed. No cutting or splicing into the factory wiring narnesses allowed.
- Q œ. bar mounted and permanently labeled auto-resetting circuit breakers. The solenoid shall be wired to the key switch. All accessories (strobe lights, operator controls, light bar, etc.) shall be wired through a 12-vDC constant-duty solenoid and controlled by bus
- Ō All dealer/vendor installed items, which require connecting into the vehicle's electrical system shall be done using an OEM factory modified wiring kit whenever possible.
- all areas where the wiring passes through areas that could damage the wiring. Unprotected wiring in any application is unacceptable. All non-factory wiring shall be encased in a totally sealed wiring harness (no plastic split loom) to prevent corrosion from magnesium chloride. The wiring harness shall be well secured to the truck with neoprene aircraft stainless steel tubing clamps. Rubber grommets shall be used at
- Ш Electrical cables and wiring harnesses shall be neatly run and clamped with neoprene aircraft stainless steel tubing clamps. Clamp spacing shall not exceed 18-inches.
- П Dielectric grease shall be applied to all electrical plug terminals and connections to reduce corrosion.

4.2 Fasteners:

- good engineering practice suggests. Grade 5 (SAE or USS) or 8.8 (metric) minimum, bolts, nuts, washers minimum. Vendor shall use Grade 8 or 10.9 for all critical areas or where
- equipment servicing and repair. All fasteners shall be zinc plated to prevent corrosion.
 Anti-Seize: all fasteners shall have Fel Pro C5A Anti-Seize compound applied before assembly to prevent corrosion, rusting, galling and aid in
- All fasteners shall be of appropriate length, diameter and strength (grade) for the application,
- Bolts and screws shall extend a minimum of 1-1/2 threads beyond the nut and maximum of 6 threads past the nut.
- Flat washers shall be used under bolt heads and nuts.
- Lock nuts (nylon insert, metal, slotted, castle nuts) shall be used lock-washers are not acceptable.

4.3 Hydraulic Systems:

- All hydraulic circuits shall be pressure relief protected
- operational criteria or approved equal. Hydraulic hoses shall be Parker ST 451 (tight bend radius) 2-wire braid hose meeting SAE-100R17 specifications where the hose meets
- Hydraulic hoses shall have swivel fittings on both ends. Hose ends shall be located to facilitate easy component replacement
- шघо High-pressure hydraulic hose shall not be used for suction lines.
- Щ elbows shall not be permitted. Close/tight radius 90° elbow fittings shall not be used if short, medium or long drop steel stem 90° elbow fittings can be used. Over use of 90°
- Hydraulic hoses and rigid lines shall be run parallel where possible; routing shall look neat and well planned.

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	Vendor/Sub Vendor: _
CCD_PO_PWOPS_8571_EXHIBIT	ABL

Reference Nos: 12-078, 12-079

REF_12-078, 079

- I Ω Rubber cushioned metal hydraulic clamps shall be used on all hydraulic ridged lines and hoses at proper intervals for supporting the line/hose 36" maximum distance. Clamps shall be securely mounted to the equipment.
- Hydraulic hoses and lines shall not be routed near exhaust, close to rotating components or over, around or through sharp edges. Rubber grommets shall be used at all areas where the hydraulic lines through areas that could damage the lines
- l. Galvanized fittings and thread tape shall not be used.
- chafing/rubbing could cause premature wear/failure. Hydraulic hoses shall be covered with protective spiral nylon anti-chaffing wrap or sock type protective sleeves at all areas where
- K. Hydraulic oil tanks shall magnetic drain plug, oil level and temperature gauge.
- L. Hydraulic hoses over 4' long shall be labeled on both ends for easy identification.
- M. Shut off valves ¼-turn on each side of filter.

4.5 All fabricated parts, brackets etc. shall have all sharp corners, edges etc. radiused or rounded for safety.

4.6 Welds:

- All welds shall meet AWS (American Welding Society) standards for the type weld, material joined and welding method.
- Weld joints shall have proper design and fit for the application.
- Welds joints shall have proper penetration and be smooth in appearance with no undercuts or overlaps at edge of weld.
- Weld joints shall be properly prepared with cut ends ground to remove all slag, create a smooth surface and beveled end

4.7 Rear Loader Body or (Approved Equal)

quality, information on alternative products shall be provided with the bid so a full technical comparison can be made of the product submitted as an "approved equal". When a brand/model is referenced in the specifications unless it is stated as "No Approved Equal" it is only a statement of expected

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with maximum cubic yard capacity for the 26,000-lb class 6 truck rating with heavy-duty commercial package or approved equal, installed with the following equipment: The truck and body at full load compaction shall be as close to 26,000-lbs as possible without exceeding 26,000-lbs. Trash capacity/weight shall be a prime consideration in determining the best trash body for this application	A current year new parrow 86" wide maximum rear leader refuse total	possible to maximizing the full weight capacity of the vehicle with maximum payload for "Best Route Efficiency".	rear loader trash truck the combined weight of the cab & chassis, body and trash payload to not exceed 26,000-lbs but come as close as	The below specification are general guide lines for a complete small	Description of Equipment
Make: LoadmasterModel: Elite Body Width: 85.5inches Body Capacity: 11yds³ Body Weight Empty: 8500 lbs Compaction weight/yard³: 1000 lbs Weight of Body with Trash @ full load: 19,500 lbs					Offered Equipment
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13. Hopper side walls "Best for Application" hi-tensile 50,000-psi steel		 Body floor, "Best for Application" hi-tensile abrasion resistant 80,000-psi steel with 1/4" hi-tensile 80,000-psi steel rear ramp. Floor side walls and roof shall be smooth no trough in floor 				3. Body length, "Best for Application" 4. Body height above frame rails, 86" maximum		E. Compactor Body:	Seconds All body and component welds shall be fully welded "No Gaps" in welds.	_	 Ejector panel shall fully travel full length of the body to completely 	5. Hopper capacity, "Best for Application" cubic yards.			 Body capacity "Best for Application" cubic yards approximate: Capable of packing 800-lbs, per cubic yard based on average 		hydraulic valves, electrical junction box, access doors, tool holders etc	stens and hand holds rear nacker hady controls had sails fork	be limited to: front/rear bumpers, air filter, exhaust system with trap, air		4
steel Thickness: 3/16Steel Strength: 50,000psi	sion Thickness: 1/4 Steel Strength:100,000 psi	Thickness: 1/4Steel Strength:80,000psi	rel. Thickness: 10 GaSteel Strength: 50,000psi	XYes	Weight: 8500 lbs	and in body	Clearance: 7		in X Yes No Seconds		tely X Yes No		Hopper Cycle Time: 18 Seconds Reload Time: 7 to 10 seconds		Capacity: 11 yds ³ Packing Force: 1000 lbs/yard ³		etc.	ding	2.	not Provide specs:	Z.
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Packer Panel: 1. Trash shall be compacted between the pack panel and the ejector panel panel Packer and carrier plates "Best for Application" 80,000-psi hitensile steel.	steel. Hopper drain plug, 1 ¼" dia minimum, which will retain liquid but easy to remove without tools for draining and flushing hopper.	Hopper: 1. Hopper volume: "Best for Application" yds3. 2. Hopper floor "Best for Application", 150,000-psi hi-tensile abrasion resistant steel. 3. Hopper sides "Best for Application" high-tensile 50,000-psi vield	Tailgate top sheet if required shall be 2-piece polyethylene, color "white" secured with quick release (no tools required) fasteners.	Tailgate props (one per side) to hold tailgate in open position. Tailgate shall have speed limiting orifices to limit speed of decent	a 1-piece rubber seal with tensile strength of 1,500-psi. b The seal shall extend across the bottom and up the sides	Tailgate sides shall be "Best for Application" steel 50,000 psi steel with formed 3" structural tube reinforcement. Tailgate lock hydraulic automatic locking.	hopper scavenging. Sweep panel face shall be smooth with adequate reinforcing to prevent deformation.	Tailgate packing shall utilize 2 double acting cylinders with a 40,000 lb packing force. Sweep panel shall rotate through a 70° arc to assure complete	side front hinged with turn handle lock. Tailgate:	Ejector panel "Best for Application" hi-tensile 50,000-psi steel Full exterior continuous body welds. Access door 30" x 30" with 3' radiused corners located on street	Packer blade/plate, heavy-duty "Best for Application" 80,000-psi steel.
How Compacted: As Specified Steel Type: T-1 Gauge:3/16 Yield: 100,000	No Garge: 174	Hopper Volume: 1yds³ Steel Type: T-1Gauge: ¼"Yield: 100,000		X Yes No	Seal Strength: 1500psi X Yes No	Steel Type: gr 50Gauge: 10 Yield: 50,000	Sweep Panel Smooth and well reinforced	Force: 53,000psi-lb force @ 2000psi Panel Rotation:70		Thickness: 10 GaSteel Strength: 50,000psi X Yes No Door Size: 20 x 26	Thickness: 3/16Steel Strength:100,000psi
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 d. The pin shall be attached to the hoist/trash body/chassis with chain/cable to prevent loss. e. Safety legs shall rest in a saddle to prevent bouncing around. 	 b. The pin/legs shall be sufficient to support 3X's the fully loaded weight of the body incase truck maintenance is required and the trash load cannot be ejected c. Pin storage in a sleeve, that the pin cannot fall/vibrate etc. out of shall be provided. 	The system shall use hydraulic oil from the main hydraulic oil tank. A trash body anti-lowering safety pins or legs shall be provided: a. The pin/legs shall lock the trash body preventing lowering of the body.	with sufficient power to raise a fully loaded trash body	components located under the trash body The service hoist system shall lift the front of the body up above the	 The service hoist lift system shall provide excellent access to truck 	Ejection panel shall ride on brass or UHMW polyethylene slide bearings for long life and minimum maintenance.	Ejection panel face shall be smooth with adequate reinforcing to prevent deformation.	Ejection cylinder double acting, 2-stage with packing force of 33,000 lbs.	Ljector Panel: 1. Ejector panel, concaved face sheet design, "Best for Application" 50,000-psi hi-tensile steel.	Carrier plates, "Best for Application" 100,000-psi steel. Carrier plate shall rotate on 2 heavy-duty forged arms, with tapered roller bearings with easy to access grease fittings.	The panel shoes shall be replaceable without removing the ejector panel.	The pack cylinders shall be located inside the tailgate shell for protection from tree limb damage	
	Yes No Safety Factor:	Yes No	Yes No	ght @	Yes X No	Bearings Material: UHMW Quantity: 2		Force:32,000psi-lb force @2000psi s	Thickness: 10 GaSteel Strength:50,000psi	Steel Type :Gr 50Gauge:3/16Yield: 50,000	X Yes No	Type:Material: Chrome	and the second s
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c. Suction and pressure shut-off valves d. Magnetic drain plug.	ă	The suction line shall be routed for maximum ground clearance and damage protection. Hose swivel ends shall be used on all connections. Hydraulic cylinders shall: a. Properly sized to efficiently and continuously perform their function without the collections.	Operating pressure, 2,500 psig maximum. Hydraulic valves shall have LED lights on valve coils to aid in troubleshooting the system. The hydraulic pump suction line shall be steel tubing with hydraulic hose sections at both the pump and tank and for white inclusion has sections at both the pump and tank and for white inclusion.	increase hydraulic performance. Hydraulic pump performance, sufficient pressure and volume at low idle rpm to produce one cycle of the compactor blade at 75% load in less than 26-seconds.	Hydraulic system shall operate all hydraulic functions at engine low idle speed (750 rpm) and shall not require shifting transmission out of "Drive" gear or applying "Parking" brake. System hydraulic pressure and flow shall not increase above low idle speed, which could encourage an operator to increase engine rpm to truto.	energized. Hydraulic system shall be Parker Hannifin Corporation designed and certified and use as many as possible Parker components to assure compatibility of the system and 3 year Parker warranty for using a complete Parker system.	Hydraulic System: Operate at Standard Low Idle. 1. Hydraulic pump transmission mounted "Hot Shift" electrically operated PTO. The pump shall have an automatic pump oil bypass system in normal bypass mode when the hydraulic system is not
Hydraulic Reservoir Size: 20gallons X Yes No X Yes No X Yes No	X Yes No Size:4 x2.5 x 19 X Yes No Size:4.5 X Yes No	X Yes No Suction Line Size: 1 in dia. Material: Steel Tube X Yes No	Pn	X Yes No Time: 26seconds	Pump Operating Speed:1200rpm Pump Output: 12gpm @ 1200rpm	Make: Model:	Pump Make:Model: \$ Mounting Location: Transmission \$
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	- IIII	4 Inside the end caps and extending to within 1/4" off the tank bottom at the lowest point.
	Tubing Size: inches inches	a. The suction and return tubes shall be 1" ID and be installed on the tank top side on each tank end (cross flow) approximately
		provided with the following:
\$ Incl		damage. Hydraulic hoses shall have swivel ends on each end. 16. A hydraulic oil recirculation filter system connection system shall be
	lype:	abrasion resistant hoses to reduce hose failure from hose cover
\$ Incl	ŧ	15. All hydraulic hoses shall be Parker series ST 451 extra-high.
-	Yes No	14. All hydraulic hoses and tubing shall be neatly routed, shielded and
# INC	Make: Model:	port connections shall be compatible with the Parker Ponsition Do
	-	
	Yes No	12. Hydraulic system shall maintain oil temperature at no more than
	Suction Strainer Size:	
	Return Line Filter Rating: Wode:	mode indicator light, easy to access for replacement.
\$ incl		 Return line replaceable Parker 7-micron absolute with hypass
	Pressure Line Filter Rating:	moren absolute talluem type (z required, 1 per pump)
Incl	flodel:	a. Pressure line Parker model: WPF 7,000 psig rated with 7-
		3
	NO	pour point.
\$ Incl		10. Hydraulic oil shall be ISO Grade 32 multi-viscosity with a -40°F
		element.
		5) The baffles shall be suitable to accept a 24" long heater
æ		tank.
		4) The bottom edge of the tread section of the bung and hydraulic oil pre-heater shall be 1 ½" off the bottom of the
		Bung shall be welded to 0.250" thick 8" dia steel tank
		 Tank bung shall be schedule 80.2" NPT female thread
		liner L Approximation bung for an Arctic Fox Hydra
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Dielectric grease shall be applied to all terminals and connectors to prevent corrosion if connector is not waterproof.	Connectors/wires shall be permanently and individually labeled. Electrical schematics shall be affixed inside the cover of the junction box.	All remote electrical inter face connections shall be terminated on stud-type terminal strips or with plug type connectors in a waterproof junction box.	Hertical:	The box shall be side-mounted bottom hinged.	Size 36" long x 18" high x 18" deep.	Toolbox:	Material steel, open grate grip-strut material.	Width 8" x 36" long approximate extending to rear of hopper	The rear riding shall meet the American National Standard Z245.1-	Rear Riding Step:	wired or tack welded to prevent loosening.	Handles shall be easily replaceable "bolt-on" design with safety	powder epoxy painted "Safety Yellow".	Handles shall have durable deep knurled non-slip grip surface and	Handle diameter shall be 1-1/4" diameter to allow for good grip.	the rear riding step passenger to lean out excessively	Handle design shall not interfere with rear operator controls or force	leaning out away from the bandle	Located in positions that allow riders of various sizes and physical	Rear Riding Support Handles:	suction and return lines are connected to.		d. The suction and return lines shall be interchangeable in use so	bottom to assure adequate hydrautic oil flow		b. The hydraulic connections shall be 1" Parker FF male (flat face)	
X Yes	× Yes	×Yes	X Yes	X Yes	Size: 18 X 18 X 24		Step mater	2	X Yes			Yes		Yes	Size		23		Yes			C	Yos	Tes	<	Make:	
No	No o	No Type: Stud Type	No	No	Size: 18 X 18 X 24		Step material: Steel Open Grate		No			No		No	5				No			Š	S	NO		Туре:	
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Marker lights Truck-Lite LED 3 per side model 10 P/N 10250R or 10250Y or model 30 P/N 30250R or 30250Y.	Back up lights Truck-Lite LED, flush mount, sealed lexan body, grommet insulted, multi-pin units model 44 P/N 44206C.	I hird Brake Light use the same used light used for Stop/Turn/Tail light and disable the Turn and Tail light sections.	Integral Stop/Turn/Tail/ lights mounted in the rear corner post of the dump body model Super 44 P/N 44302R or model 60 P/N 60250R.	Vehicle Rear Lights: (No Approved Equals) 1. All lights shall be Truck-Lite "Lifetime Warranty" 12vDC, LED type, flush mount, sealed lexan body, grommet insulted with Fit' N Forget multi-pin plugs where possible.	from damage with a guard.	proper amount or lubrication for maximum longevity. The damage susceptible grease zerk fittings shall be protected.	grease fitting. The system shall assure that all fittings receive the	swivel ends or approved equal lines between the manifold and	e. Other areas that require lubrication	d. Rotational bushings, bearings, shafts etc.		b. Compaction/push-outsystem	a. Tailgate hinge points	the required lubrication points to include:	have a central easy to access grease manifold for lubricating all	The trash body and all components requiring regular fubrication (1	Grease and Lubrication of Body and Components:	b. Packing control shall not interfere with rider.	a. Packer controls shall not interiere with rider and shall not pose	ក	d. Ejection control.	c. Tailgate raise control.	b. Tailgate lock/unlock control.	ិក្ខ	Packer Controls:
Make TRuk Lite_	Make: Truk Lite	Make Truk Lite	Make: Truk Lite	Make: Trk Lite		X Vos		X Yes No				X Yes No	X Yes No			X Yes No		× Yes No		X Yes No			× Yes No	As Spe	.
Model:10-10250R	Model:44206C	Model: N/a	Model:44203R	Model:N/a																				cified	
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Preparation to include: Removing all mill scale and slag. Variprime 615S self-etching primer or approved equal. Treating bare metal with manufacturer's conditioners and conversion coatings or approved equal.	Paint Main Body: 1. Polyurethane paint equal to DuPont Imron 5000, Color "Bright White", 2 coats applied to all non-stainless steel components following manufactures brocedures to include:	 DOT-C2 Standard No. 108 reflective conspicuity tape. Tape shall be on both lower sides and rear of the body. Tape shall be applied in symmetrical pattern from middle of panel outward. 	Mud Flaps: 1. Rear mud flaps shall be heavy-duty anti-sail type 2. Front mud flap shall be aluminum shield 3. Installed front and rear on rear wheels. 4. Mud flaps shall shield the rear step from road splash	 Audible when transmission is in reverse or tailgate of body is not fully lowered and locked. 107 dB, SAE type B, fully sealed, back-up alarm system wired into vehicle's backup light system using OEM plug-in adapter. The alarm shall be mounted out of the vehicle's rear wheel splash area. 	Lights shall not protrude into rear riders area or be below the hopper in an area 20" in from the outer hopper sides Dielectric grease shall be applied to all plug connections and terminals to prevent corrosion.		Rear ID bar Truck-Lite LED model 35 P/N 35741R or 35740R. License plate light, Truck-Lite model 15 P/N 15040
XYes No	Make: PP6 Color: White	Brand: Avery X Yes No X Yes No	Material Poly Fenders Material: Poly Fenders X Yes No X Yes No	X Y es No Make: Velvac DBa:107	X Yes No	Make: Signal Stat	Make: Truk Lite Make: Truk Lite
	Type: Polyurethane	Model: n/a		Model: n/a		Model:623W	Model:35740R \$ Model:15040 \$
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	Paint to be applied with all body members painted.	X Yes No
. ₹	Special Tailgate Paint: 1. Polyurethane paint equal to DuPont Imron 5000,: a Ton 1/2 of failnate "Bright White"	Color: Bright White
	 b. Lower ½ of tailgate and packer panel solid "Safety Yellow" 	Color:Safety Yellow
	Preparation to include:	
4.5	Removing all mill scale and slag.	X Yes No
_	Variprime 615S self-etching primer or approved equal.	XYes No
4-	Treating bare metal with manufacturer's conditioners and	X Yes No
	conversion coatings or approved equal.	
	Paint to be applied with all body members painted.	X Yes No

Refuse Body Equipment SUB TOTAL COST \$45810.00

Market Adjusted: \$46,500

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2. Location to be mutually agreed upon at installation.	Tool Holders: Three shove/broom holders mounted on curh side of body	2. Sign shall be in 1" "white" block letters.	 Installed on truck dash providing the travel height of the vehicle. 	Driver Height Warning Sign	entering and exiting the vehicle.	interfere with the driver or passenger during operation or while	access position, but not in a location that interferes or could	be provided. The switch shall be installed in an easy to see and	3. A dash-mounted switch with light to indicate the beacon is on shall	tailgate door.	L360BGB, amber (1 required) mounted just below top rear side of	2. Whelen Model L360 Super LED 360° beacon with branch guard	1. Meeting SAE Class-1 requirements.	Strobe Warning Light with brush guard:	Description of Equipment	Sundries Equipment Sundries Equipment
	× Yps NO	X Yes No	XYes No						Yes No			Make: Whelen Model: L360			Offered Equipment	
0000	\$200.00		\$75.00									\$500.00			Cost	

Sundries Equipment SUB TOTAL COST \$775.00____

Vendor/Sub Vendor: HREDLING COLPHOPS_8671/EXHIBIT

4.9 Complete Vehicle Sub Total Cost:

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VEHICLE+ REFUSE BODY + SUNDRIES

\$46585.00

Do not include Optional Equipment in the total price of the vehicle; however an equipment price must be provided. The City will determine if the equipment is to be purchased. **Optional Equipment**

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	cab and chassis. The vendor shall provide drawing of proposed CNG tank location(s). The locations shall not increase the truck wheelbase or the overall height of the truck and body 12' – 6" or body length over a regular non-CNG configuration:	-	 b) Each CNG fuel tank shall have a %-turn ball stainless steel shutoff valve mounted at the tank inlet. 4 Tank Installation ocation: 	4) Type of Recertification Inspection Required 5) Tank Service Pressure Full: 3,600 psig @ 70°F (21°C)	3) Recertification Period: 8 years	Tank Construction Type: composite Service Life Years: 20 years	b Tank Manufacturer	3) ISO 11439	1) NFPA 52 standards 2) US-DOT/FMVSS304	a Fuel tank shall meet or exceed	3. Fuel Tank:	standards	ons		1. Cummins VGT turbocharged natural gas engine, rated at 320 hp @	Engine Option:	CNG Fuel System:	Description of Equipment
		CNG Tank (s) Location:	řes	fication Ty	Service Life: yrs	<u>.</u>			Yes No			Yes No	ue:	HP: @ rpm	Make: Model:			Offered Equipment
		49	6		-	A	\$				49			:	49			Cost

a) Tank Size: provide diameter x length b) Tank Weight each. Empty c) Quantity of Tanks for 75 gallon DGE d) Weight All Tanks: Empty d) Weight All Tanks: Empty a) Weight All Tanks: Fall CNG e) Tank Enclosure Width, Length, Height f) Tank Enclosure Width, Length, Height f) Tank Mounting: 1) Endidomer boss, 2-piece saddle mounts on each tank mounting frame. The frame shall be installed inside a steel tank mounting frame. The frame shall be 2'x 1 4'x 2/16' tubriog. The frame shall be 2'x 1 4'x 2/16' tubr
Size:
dia x long DEG Net Weight: lbs Fanks: DEG Net gal pht all tanks and brackets etc: lbs sure Size: x x x rial: Gauge: lbs No Pressure Release: Yes No es No ng Size: x Type: psig sure Range: to psi

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2) Special NPTF pipe fittings shall be stainless steel with thread sealant.	Stainless steel tube fittings shall be Swagelok or Parker A-	perween clamps shall no more than 24". Fitting for the CNG fuel system shall be:	bushed aircraft P-type clamps. The maximum distance	All CNG lines shall be supported with stainless steel rubber	for larger diameter lines.	loops for smaller diameter lines and S-bend expansion joints	Stainless steel lines shall have thermal expansion/contraction	316L tubing appropriate for the application	All high process of the two two colors and the colo	valva what the ignition is in On position.	I ne automatic fuel shut off shall be a NC (normally closed)	assure adequate fuel flow.	The automatic fuel valve shall have a Cv of 2.0 minimum to	supported by a mounting bracket.	The automatic fuel shut off valve shall have its weight	reducing regulator.	the exit/warm side of the engine coolant heated pressure	The automatic fuel shut off valve shall be plumbed directly to	Automatic Fuel Shut Off:	system.	circumstance be installed in series with the truck cab heater	The pressure reducing regulator shall not under any	regulators to prevent all from becoming trapped in the	Coolant ports shall be oriented vertical (up) in horizontal	regulator on the same side of the regulator.	Engine coolant flow and CNG fuel supply shall enter the	increases after the truck is delivered.	the engine shall be rated at 450 hp to cover engine rating	hp of engine output. For coolant flow the heat exchanger for	shall be minimum of 1 gallon/minute of 180°F coolant per 50	The engine coolant flow to the pressure reducing regulator	
	IVIGAN.	Make:			Yes		G	<	Make:			Valve Cv:		Yes			Yes				Yes		Yes		Yes					Yes	Yes	
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	The fill receptacle shall have an easy to remove/reinstall fuel fill cover to protect the fill port from contamination during truck operation.	system in case of a fueling emergency. The fuel fill access shall be easy to access and easy for the operator to see for fueling and to prevent drive-off with fuel hose attached.	 An OPW male NGV1 fuel fill receptacle with easy access and excellent clearance for both "fast fill" and "slow fill" receptacles. An emergency ¼-turn shut off valve for shutting down the 	he	The fuel receptacle and fuel fill system shall be rated for both "fast fill" and "slow fill" with a minimum ½" od x 0.049" wall 300 series stainless steel. The fuel fill nozzle: 1) Shall be a male NGV1 OPW with rubber protective cover boot	ise sealant on compression threads (changer hoses and lines may be Parker 929) TFE hose exceeding SAE100R14A or stainless		All NPT fitting shall be installed on male pipe threads using proper thread sealants. 1) Thread sealant and anti-seize shall be a nickel.	
	Yes No	Yes No	Pressure Range: Pressure Range: Yes No	Fill Location: Yes No	Yes No Tubing Size:	Make:	Sealant Type:	Yes No	
			to psi	WODE!		Туре:			CCD_FORMAL_PROPOSAL_ 7063 CONFIGURATION #2 REF_12-078, 079
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Spare Tire and Wheel: 1. Tire and wheel assembly: 1 per vehicle. 2. Tire: Michelin XZY-3, Steer Tire, 11R22.5 3. Wheel: Size 22.5" x 8.25", disc, 10-hole, hub piloted type, single nut, meeting ISO Standard 4107. "White" powder epoxy coated finish.	Sign Boards, I wo body mounted Roadway Displays Inc. (909.587.0207) mobile display systems shall be provided to include: 1. Frame model SS315955 95-1/2" long x 31-1/2" high x 2-1/4" frame width with .025" aluminum backing. 2. Frame material, 6463-T6 aluminum extrusions with satin anodize. 3. Sign panel size 93-3/16" x 29-3/16" x .060" high impact styrene. 4. View size 91" x 27". 4. Sign frame shall be securely mounted to body yet be easy to remove and replace. The flat sign face shall have a steel sub frame to attach it to the body and branch deflectors shall fill the void between the sub frame and the body.	 9. CNG Filtration: a High pressure, on the fuel tank(s) fill line to clean the CNG before it enters the fuel tank storage system. b Low Pressure, on the downstream "low pressure" post regulator engine delivery side. The "low pressure" filter shall be a Fleetguard spin-on NG5900 with liquid drain or approved equal. 10. Fuel Gauge: a An electric fuel gauge shall be provided with easy to see vehicle dash gauge to show fuel tank volume. b The fuel sender shall be a sealed unit mounted to the high-pressure tank system c A sealed 3-pin Weatherpak connector with a 1-amp fast blow automotive fuse shall connect the sender to the gauge. 1) Red = power 2) Green = signal 3) Black = ground
Make: Model: Model:	Provide Specs:	Make: Model: Model: Model: Make: Model: Mode
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	Picture shall be crisp and clear at all times.		•		c. Automatic day/night dimmer sensor	 b. Camera view selection switches on the TV monitor and trigger 	upon.	obstruction. The monitor location shall be mutually agreed	movement and also with a little as possible front windshield	to the "A" pillar that requires as little as possible head	 Monitor shall be in a very easy to see location on the dash next 	Monitor LCD, 7" flat screen ECCO model M7000Q with:	 e. Signal to noise ratio 44dB minimum. 	 d. Resolution 380 TV lines horizontal. 	operation.	 c. Camera shall be automatically heated for cold weather 	and broad cast normal conversation to monitor.	 b. Camera shall have built in safety audio system that will pick up 	vehicle.	Housing shall be able to be pressure washed when washing	 a. Camera shall be in water proof cast aluminum housing. 	required:	Can	protected from tree branch damage.	situation use. Camera shall be as small as possible and	keep the right side camera on shall be provided for special	transmission reverse gear function is activated. An over-ride to	shall automatically switch to rear of vehicle view when the	shall be normally on viewing the right side of the vehicle. It	function to augment the right rear view mirrors. The camera	 Right side camera to serve as an auxiliary right rear view mirror 	reverse.	Rear of vehicle mounted camera wired into vehicle reverse Circuit to automatically turn on when vehicle is shifted into	camera view selection on the TV monitor face (No Approved Equal:	- 4	
X Yes No		X Yes No	e. XYes No	Pi	X Yes No	 ltrigger XYes No		eed	nield		X Yes	Make: Ecco		Resolution: 38			,	pick up X Yes No	(:	× Yes No		2) Make: Ecco		<u> </u>	cial	er-ride to	he	77		w mirror X Yes No		rse XYes No		em with Make:Ecco	
Wiodel: A/000SS												Model: M70000		380 TV lines									Model: C2001												Model: 7000Q	10 0 10 P
\$Incl.											4	S no				•		\$Incl					Inc								\$Incl		\$Incl.		\$Incl.	10, 0,0

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Total cost per person for 1st article inspection trip:	d. Meals per person per day:	c. Lodging per person per day:	b. Surface transportation costs:	Inspection Trip Costs to include: a. Air fare per person:	day and the City will determine how many representatives the inspection will require and how many days the inspection will require.	The City may select to send from 2 representatives to inspect the	from the City and County of Denver, the bidder shall include in the bid price all travel expenses to the fabrication plant for the	body fabricating plant the first (1st) article prior to paint and delivery. Where the fabricating plant is leasted first to be a second of the fabrication plant is leasted first to be a second of the fabrication plant is leasted first to be a second of the fabrication plant is leasted first to be a second of the fabrication plant is leasted first to be a second of the fabrication plant in the fabrication plant is leasted first to be a second of the fabrication plant in the fabrication plant is leasted first to be a second of the fabrication plant in the fabrication plant is leasted first to be a second of the fabrication plant in the fabrication plant is leasted first to be a second of the fabrication plant in	 The City and County of Denver reserves the right to inspect at the 	components shipped UPS "Next Day" upon notification of problem.	All wiring shall be routed to prevent damage to the wiring. Warranty 2 years with replacement of failed components with new	prevent corrosion.	k. Monitor capable of accommodating 2 cameras.	 Automatic dimmer sensor to adjust for day and night viewing.
	Hotel: 150.00 Meals / day: \$ 100.00	ng / day: \$	Surface Transportation: \$100, Mode:Rental	Air Fare: \$_550.00, Airline: Delta			Plant Location: Norway, Michigan		Provide information:	X Yes No	o No	X Yes No		X Yes No
	\$250,00	()	\$100.00	\$550.00							•			

Manuals/Equipment

CCD_FORMAL PROPOSAL_ 7063
CONFIGURATION #2
REF_12-078, 079

		including general information, specifications, troubleshooting guide, lubrication and required adjustments.	
\$Incl	No No	B. Equipment and body Manuals shall include complete and detailed information for maintenance of the equipment.	CD rom or DVD
A	Yes	One complete set; per Contract (not per vehicle) 1. Manuals shall be provided for: A. Cab and chassis	Maintenance Manual on
		to show the flow of both electrical current and hydraulic oil.	
		electrical/hydraulic binder. Both the hydraulic and electrical circuits shall have separate color	
	No No	C. The hydraulic and electrical sections of the manuals shall be provided in a separate	
• • • •		troubleshooting guide, lubrication and required	
3	No	B. Manuals shall include complete and detailed information for maintenance of the equipment, including agreement information.	
\$ 500	Ye No		
		binder required, A Manuals shall be provided for:	Maintenance Manual Paper
\$ incl		Cap and Chassis. Equipment and Body.	Posicio
		One book per vehicle/equipment with "safe equipment operation" section for each component.	Paper Paper
\$Incl	No	 Cab and chassis. Equipment and Body. 	
	N. C. A. C.	One DVD or CD demonstrating and explaining the safe and proper use of the vehicle/equipment.	Training Video
Cost	Offered Equipment	Description of Equipment	Item
			All Cale of the last section in the section in

Reference Nos: 12-078, 12-079

Vendor/Sub Vendor: TROW ROWNOES 25/7 EXHIBIT

		REF 1	REF_12-078, 079
	3. The hydraulic and electrical sections of the manuals shall be provided in a separate electrical/hydraulic binder. Both the hydraulic and electrical circuits shall have separate color coded schematics for each equipment function to show the flow of both electrical current and hydraulic oil	Yes No	
	 New CD roms or DVDs shall be provided when information is updated, superseded or changed. 	Yes No	\$Incl
Service/ Repair/ Maintenance Manual on	One complete set; per Contract (not per vehicle) 1. Vendor shall provide access to the site for the length of time that the City owns the	Yes No	\$Incl_
Internet Access, or Other Electronic	vehicle/equipment at a one time up front cost to the City.		
Wedia	 Internet information shall include complete and detailed information for maintenance of the equipment, including general information, 	Yes No If other Specify:	-
	 The hydraulic and electrical sections of the manuals shall be provided in a separate electrical/hydraulic binder. Both the hydraulic 	Yes · (No	
	and electrical circuits shall have separate color coded schematics for each equipment function		
	to show the flow of both electrical current and hydraulic oil.		
Parts Manual Paper	Two complete sets, per Contract (not per vehicle) binders required,		
	 Manuals shall be provided for: A. Cab and chassis 	Yes No	F (1)
	B. Equipment and body Illustrated parts book shall be furnished	`	\$Incl_
	containing data so that part numbers can be readily found for each system.		

7	,				KEF_12-0/8,
Parts Manual on	<u></u>	One complete set, per Contract (not per vehicle) illustrated parts book shall be furnished containing			
CD rom or DVD		data so that part numbers can be readily found for			
	ea	each system. 1. Information shall be provided for:	R		
	_	A. Cab and chassis	No.		
	i>	B. Equipment and bodyParts manuals shall include complete and	No No		
		detailed information for replacement parts for			
		the equipment, including general information,			
		specifications ordering guide lines and			
	ယ	New CD roms or DVDs shall be provided when	Yes		
		information is updated, superseded or changed.			
Parts Manual	0	One complete subscription; per Contract (not per			A STATE OF THE STA
Internet Access of	- Ve	vehicle)			
Other Electronic		7 days/week including holidays access from its	7 days/week including holidays	Yes.	XNO
Media		main maintenance facility and all its satellite	g	C	
	2	maintenance facilities. Internet information shall include complete and			
	į.	detailed information for parts for the:)		
		A. Cab and Chassis	_		
	ယ	Internet information shall cover	Yes		
		vehicle/equipment, shall include general parts			
		Information, parts specifications, ordering guide lines and superseded parts information			
	4.	Vendor shall provide access to the site for the	Yes No		
		length of time that the City owns the			
		to the City.	האס פוגעי מאסוומסוס מנ מווס נווווס		
	ĊJ	Parts manuals shall include complete and detailed information for replacement parts for	Yes (No)		
		the equipment, including general information,			
		superceded parts information			

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	Check-in Form:	
accurately with all requested information.	"New Equipment Check-in Form" completely and	The encountry in the state of t
7	50	*** 0.01 0.0
	\$Incl	210, 013

Operator and Mechanics Training

51.4

Item	Description of Equipment	Offered Equipment	Cost
On Site Equipment	On site the vendor shall insure that the equipment	up ca	Alac September 1
Manufacturers	manufacturers training representative, after	-	9110
Training	delivery of the equipment Contacts Fleet		
	Maintenances training manager to coordinate		
	equipment training.		
Fleet Maintenance	Charlie Pletcher		
Training Manager	Telephone: 720.865.4151		
	Contact time: 8:00 am to 3:00 pm M-F		
Training	Training shall consist of factory training materials,		Sinc
Requirements	classroom and actual field training on the		
	equipment for the equipment operators and		
	supervisors.		
On Site Mechanics	On site mechanics training shall be 1 class,	5500 -torch	\$Incl
Training	approximately 4 hours, 1 shift total provided at City		
	facilities. The training shall cover maintenance and		SCC
	service procedures, trouble shooting and use of		
	manuals and CNG operations.		

6,0 Repair Parts Delivery

	B Sub-Vendor is to	If no agreement(s components for th	A Prime Vendor is	
If no agreement(s) exists, is your company willing to enter into long-term Master Purchase Order Agreement(s) in order to supply parts and	Sub-Vendor is to indicate current Master Purchase Order agreement(s) in place with the City. (Example 0298A0609):	If no agreement(s) exists, is your company willing to enter into long-term Master Purchase Order Agreement(s) in order to supply parts and components for the equipment and manufacturers proposed herein? YES OR NO	Prime Vendor is to indicate current Master Purchase Order agreement(s) in place with the City. (Example 0667A0108):	Repair Parts delivery

Warranty Requirement

CCD_FORMAL PROPOSAL_ 7063
CONFIGURATION #2
REF_12-078, 079

ANGILL		
	WARRANTY (Table 1)	(Y or N/A)
Þ	Express warranty is to be the standard factory warranty but no less than 12 months or 36,000 miles. The standard factory	Se
'n	The Warranty shall include at no cost to the City of Denver, all parts and labor, and no charge for work performed at the vendor's leading and for field service work.	es
Ç	Warranty shall start when the City places the vehicle into service and NOT on the delivery date.	Yes
D	Primary vendor shall provide warranty information for engine, transmission, chassis, electronics, body and other major components for cab and chassis built vehicles. This provision is not applicable to OEM (Original Equipment Manufacturer)	Chassis
	factory completed light-duty vehicles.	
iш	Options listed shall be bid and provided as factory installed under the terms of the full factory-backed warranty. This includes, but is not limited to: air conditioning, radios, cruise control, bumpers, towing packages etc. Dealer-installed options will not be	Chassis
	permitted unless pre-approved by the City in writing and, where applicable, indicated on bid sheet as a "dealer installed" non-factory item.	
,π	Bidder will be responsible for the warranty repair of all installed options/auxiliary equipment included in the bid that has a standard warranty that is less than the standard warranty for the base vehicle/equipment. All warranties shall be equal to the	Yes
	manufacturer's warranty or not less than twelve (12) months, whichever is greater.	
9	Bidder shall use a single, local factory authorized dealership that will accomplish or coordinate required warranty work. The dealership must have a minimum of 1-year experience as a factory authorized vendor for like equipment being bid. Warranty	Yes
	parts shall be available and supplied within 24 hours. When warranty parts are not in stock, causing the vehicle to be down	
	more than 3 working days, those required parts shall be air freight shipped at the vendor/manufacturer's expense	
:		C
	The bidder shall respond to request for warranty assistance within twenty-four (24) hours.	Yes
ب	length of time (generally less than 3 working days for everything ld, transmission rebuild major structural integrity modification etc. and	Yes
	Major component repairs shall be accomplished in no more than two weeks and shall be coordinated with an authorized City	
	representative. [Any work not completed within two weeks after delivery of the vehicle will extend the term of the warranty one day for each day in excess of the two week repair period.]	
	During the entire warranty period, if the unit requires transportation to a repair facility, the vendor/sub-vendors shall be responsible for all transportation at "NO COST" to the City and County of Denver. This includes transporting the unit back to the	Yes
	City's domicile location after repairs are complete. If an alternate is bid, charges to the City of Denver shall be listed (e.g. mileage, travel, labor, etc.). Even if an alternate is bid, in NO CIRCUMSTANCES will the City and County of Denver be	
	responsible for transporting a unit greater than 25 miles from the center of Denver. For purposes of these warranty provisions,	
	the center of Deliver is delined as the City and County building located on the corner of Collax and Bannock Street.	

Fleet Defects

7.3

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completed. If repairs continue past the warranty expiration date the repairs will continue as part of the warranty until completed or cease at a time agreed upon by the vendor and the City.	send at least one employee, without cost to the City, to inspect the repair(s) before unit is released back to the City. Expired Warranties: Units that have multipally across upon warrants defect divine the city.	Outside Metro-Denver: Vendor will pay for all transportation costs if unit(s) must be sent out of the Denver area for repairs. The City and County of Denver reserves the right to inspect unit(s) before returning back to Denver. The City and County of Denver.	authorized dealer and vendor shall reimburse the City for any parts or labor not covered by other warranty	shall be entitled to reimbursement for both parts and labor.	Mitigation: Should the vendor become non responsive to the City's notification of a Fleet Defect, the City may employ several ontions	instructions/specifications. Examples include: toolboxes, spotlights, bed-liners, etc.	Exceptions: Fleet defects will not confuse a second	group. The vendor shall also propose a work schedule that is mutually agreed upon by the City of Denver that corrects the fleet deficiency within	Denver prior to execution. The vendor will pay for all necessary labor and materials to repair, modify, and/or "undate" all vehicles/units in this	are required to cure the defect, those alterations that change or modify the original hid specifications are required to cure the defect, those alterations that change or modify the original hid specifications.	the defective parts/ systems, such that the identified problem is clired and the operation of the value reengineers, modifies, or replaces	Remedy: Following notification of a Fleet Defect, the vendor shall develop and implement a plan that aither recognitions and including the state of	safety, then this "Fleet Defect Clause" goes into effect	failure requiring replacement and/or modifications caused by defects in Structural Integration Design 19-16-16-16-16-16-16-16-16-16-16-16-16-16-	Definition: If during the warranty period, thirty percent (30%) of the total number of units delivered have the	Fleet Defects (Table 2)

Warranty Options

7.4

Соет об Протожня Пийский ра	NAVA*	Class 7	& 8 Vehicles
Warranties	extended warranty for all applicable components listed in the lhand column.	ow the additional cost of an le components listed in the left	
	Inc = Included	N/A = Not available	
	Two Years	Three Years	Five Years
A. Cab and Chassis	(.<>	1710	5/4
_	626	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	0000
C. Transmission		886	1 1 1
D. Drive Train	\hat{\sigma}^2		0 10
E. Suspension		200	1130
	100	200	050
G. Hydraulics		S	2//2
H. a. Pumps	Included	21/2	
b. Cylinders	Included	Included	N/A
c. Tanks	Included	N/A	included
d. Valves	Included	N/A	S A S A S A S A S A S A S A S A S A S A
	Included	N/A	
Attached Body	Included	N/A	
J. Electrical Components	included	N/A	
K. Camera System	included	2/2	
L. Other		1/7	,
M. Notes:			

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7.5 requirements of Table 1 Section 7. Warranty Service Locations: Warranty repair parts and service shall be available locally at an established factory authorized dealership meeting

A. Cab & Chassis: Street Address: Dealership Name: 700 indown Rt. Lenwert

City: Derves, Co. Telephone #: 76 -941-0133 30×10

C. Sundries Φ Rear Loader Trash Body:

> Dealership Name: HardLine Equipment Street Address: 7500 Dahlia Street

Telephone #:303-500-2176 City: Commerce City

Street Address: Dealership Name:___

City:	Telephone #:	
(

8.0 Heavy Duty Vehicle Delivery Documentation:

	8	.>	
1. Bill of Sale (aka invoice, buyers order) 2. Original MSO (Manufacturers Statement of Origin) 3. Application for Tile Condition for the condition of the con	Vendor shall supply at acceptance and delivery of vehicle.	Vehicles ordered under this specification shall be complete and delivered to CITY AND COUNTY OF DENVER, Fleet Management Division. All prices quoted must be quoted at a firm price F.O.B. Denver, Colorado, 5440 Roslyn, St. Building C	Delivery Documentation (GVWR 26,000-Lbs and Above Heavy Dury)

- 0 4 0 Odometer Disclosure Statement, Colorado Dept of Revenue form DR2407 (09-07-05 Application for Title and/or Registration, Colorado Dept of Revenue form DR2395 (02-22-11)
- Letter of Certification on Vendor Letterhead (Required for Incomplete Vehicles) with added bodies etc, describes the final configuration of the vehicle)
- Standard Sales Tax Receipt Air Brake inspection form required for any vehicle with air brakes or truck units capable of towing trailers greater than 10,000-Lbs
- DOT inspection form.
- 10. Temporary License Plate. New Equipment Check-in Form/ Vendor Supplied Information on the Vehicle. Form provided by Fleet contact Dolores @ 720.865.3903
- 1 Copy of City Purchase Order.
- 12 All Keys ordered for the Vehicle and Sundries, i.e. toolboxes etc
- All Manuals repair, parts, owners and/or CD's/DVD's etc
- Vehicle Warranty information and receipt for optional warranty
- 0 For an "Incomplete Vehicle" (cab & chassis) add the following: Receipts and Warranty information for vendor Installed/supplied components (lift gates, snowplows, lighting equipment etc)
- Verification of Vehicle Identification Number (VIN), Colorado Dept. of Revenue form DR2087.
- Statement of Fact for incomplete vehicles with added bodies etc, describes the final configuration of the vehicle
- Original weight slip.

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Monday through Friday between 8:00am and 1:00pm. Location: CITY AND COUNTY OF DENVER

Q

Fleet Management

5440 Roslyn St. Building C Denver, CO 80216

Contact person to coordinate delivery: Dolores Gallegos at (720) 865-3900 ext. 03 or direct line (720) 865-3903

Vehicle Delivery

Delivery of Cab and Chassis to Body Vendor

FOR DELIVERY OF CAB AND CHASSIS 2 **BODY VENDOR** AFTER PURCHASE ORDER IS ISSUED TO PROVIDE NUMBER OF DAYS REQUIRE DAYS

9.2 Delivery of Completed Truck with Body Installed to City and County of Denver

FOR DELIVERY OF COMPLETE VEHICLE PROVIDE NUMBER OF DAYS REQUIRED DELIVERED **AFTER CAB AND CHASSIS IS** DAYS

Complete Vehicle Cost

Cab & Chassis Total Cost

Rear Loader Body Total Cost

Do Not Include: Sundries Items Total Cost

Optional Equipment Warranty Cost (s)

Manual Cost (s)

ONE COMPLETE VEHICLE TOTAL COST

Authorized Signature:

078,079_.docx s:\bid information\bids one\7063e front loader and small rear loader refuse trucks\7063_conf#2_12-

Cab and Chassis: \$67,341.19

+\$2000 (Frame Adjustment) Refuse Body: \$46,500

Reference Nos: 12-078, 12-079 Sundries: \$775

Total: \$116,616.90

Vendor/Sub Vendor: Hand CING ESTA EXMIBIT

$ACORD_{"}$

CERTIFICATE OF LIABILITY INSURANCE_{8/1/2014}

DATE (MM/DD/YYYY) 2/26/2014

THIS CERTIFICATE IS ISSUED AS A MATTER OF INFORMATION ONLY AND CONFERS NO RIGHTS UPON THE CERTIFICATE HOLDER. THIS CERTIFICATE DOES NOT AFFIRMATIVELY OR NEGATIVELY AMEND, EXTEND OR ALTER THE COVERAGE AFFORDED BY THE POLICIES BELOW. THIS CERTIFICATE OF INSURANCE DOES NOT CONSTITUTE A CONTRACT BETWEEN THE ISSUING INSURER(S), AUTHORIZED REPRESENTATIVE OR PRODUCER, AND THE CERTIFICATE HOLDER.

IMPORTANT: If the certificate holder is an ADDITIONAL INSURED, the policy(ies) must be endorsed. If SUBROGATION IS WAIVED, subject to the terms and conditions of the policy, certain policies may require an endorsement. A statement on this certificate does not confer rights to the certificate holder in lieu of such endorsement(s).

PRODUCER	444 W. 47th Street, Suite 900 Kansas City MO 64112-1906	CONTACT NAME: FAX PHONE (A/C, No, Ext): (A/C, No): E-MAIL ADDRESS:				
	(816) 960-9000	INSURER(S) AFFORDING COVERAGE	NAIC#			
		INSURER A: ZURICH AMERICAN INSURANCE COMPANY				
INSURED	COLORADO KENWORTH, INC.	INSURER B: American Zurich Insurance Company	40142			
012261	11120 TOMAHAWK CREEK PARKWAY LEAWOOD KS 66211	INSURER C:				
	LEAWOOD KS 00211	INSURER D:				
		INSURER E :				
		INSURER F:				

COVERAGES MURHO02 CERTIFICATE NUMBER: 11388655 REVISION NUMBER: XXXXXXX

THIS IS TO CERTIFY THAT THE POLICIES OF INSURANCE LISTED BELOW HAVE BEEN ISSUED TO THE INSURED NAMED ABOVE FOR THE POLICY PERIOD INDICATED. NOTWITHSTANDING ANY REQUIREMENT, TERM OR CONDITION OF ANY CONTRACT OR OTHER DOCUMENT WITH RESPECT TO WHICH THIS CERTIFICATE MAY BE ISSUED OR MAY PERTAIN, THE INSURANCE AFFORDED BY THE POLICIES DESCRIBED HEREIN IS SUBJECT TO ALL THE TERMS, EXCLUSIONS AND CONDITIONS OF SUCH POLICIES. LIMITS SHOWN MAY HAVE BEEN REDUCED BY PAID CLAIMS.

INSR LTR	TYPE OF INSURANCE	ADDL INSR	SUBR WVD	POLICY NUMBER	POLICY EFF (MM/DD/YYYY)	POLICY EXP (MM/DD/YYYY)	LIMITS
Α	GENERAL LIABILITY	Υ	N	*GP654926304	8/1/2013		EACH OCCURRENCE \$ 2,000,000
	X COMMERCIAL GENERAL LIABILITY	-	- '				DAMAGE TO RENTED \$ 100,000
	CLAIMS-MADE X OCCUR						MED EXP (Any one person) \$ XXXXXXX
							PERSONAL & ADV INJURY \$ 2,000,000
							GENERAL AGGREGATE \$ 5,000,000
	GEN'L AGGREGATE LIMIT APPLIES PER:						PRODUCTS - COMP/OP AGG \$ 2,000,000
	POLICY PRO- JECT X LOC						\$
A	AUTOMOBILE LIABILITY	Y	N	GP654926304.	8/1/2013	8/1/2014	COMBINED SINGLE LIMIT (Ea accident) \$ 5,000,000
	X ANY AUTO						BODILY INJURY (Per person) \$ XXXXXXX
	X ALL OWNED SCHEDULED AUTOS						BODILY INJURY (Per accident) \$ XXXXXXX
	HIRED AUTOS NON-OWNED AUTOS						PROPERTY DAMAGE (Per accident) \$ XXXXXXX
							\$ XXXXXXX
	UMBRELLA LIAB OCCUR			NOT ADDITION DE			EACH OCCURRENCE \$ XXXXXXX
	EXCESS LIAB CLAIMS-MADE			NOT APPLICABLE			AGGREGATE \$ XXXXXXX
	DED RETENTION \$						\$
В	WORKERS COMPENSATION AND EMPLOYERS' LIABILITY Y/N		N	WC9261256-06	8/1/2013	8/1/2014	X WC STATU- TORY LIMITS OTH- ER
	ANY PROPRIETOR/PARTNER/EXECUTIVE OFFICER/MEMBER EXCLUDED?	N/A					E.L. EACH ACCIDENT \$ 1,000,000
	(Mandatory in NH)						E.L. DISEASE - EA EMPLOYEE \$ 1,000,000
	If yes, describe under DESCRIPTION OF OPERATIONS below						E.L. DISEASE - POLICY LIMIT \$ 1,000,000
A	GARAGEKEEPERS	N	N	GP654926304	8/1/2013	8/1/2014	\$2,000,000 LIMIT; \$5,000 DED/ \$35,000 MAX
							, , , , , , , , , , , , , , , , , , ,

DESCRIPTION OF OPERATIONS / LOCATIONS / VEHICLES /(Attach ACORD 101, Additional Remarks Schedule, if more space is required)
THIS CERTIFICATE SUPERSEDES ALL PREVIOUSLY ISSUED CERTIFICATES FOR THIS HOLDER, APPLICABLE TO THE CARRIERS LISTED AND THE POLICY TERM(S) REFERENCED.
*GENERAL LIABILITY AND AUTO LIABILITY ARE WRITTEN ON A GARAGE LIABILITY FORM. CITY AND COUNTY OF DENVER, ITS
ELECTED AND APPOINTED OFFICIALS, EMPLOYEES AND VOLUNTEERS IS LISTED AS AN ADDITIONAL INSURED WITH REGARDS TO THE
COMMERCIAL GENERAL LIABILITY POLICY AND THE BUSINESS AUTO LIABILITY POLICY ONLY AS IT RELATES TO THE FOLLOWING
UNITS: 3BKJHM6X3EF580576 AND 3BKJHM6X8EF580577.

ERTIFICATE HOLDER	CANCELLATION
	SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION DATE THEREOF, NOTICE WILL BE DELIVERED IN ACCORDANCE WITH THE POLICY PROVISIONS.
11388655	AUTHORIZED REPRESENTATIVE
CITY & COUNTY OF DENVER PURCHASING DIVISION 201 W. COLFAX AVENUE DEPT. 304 DENVER CO 80202	Bonal & foster

ACORD 25 (2010/05)

Contract Control Number:	
IN WITNESS WHEREOF, the parties h Denver, Colorado as of	ave set their hands and affixed their seals at
SEAL	CITY AND COUNTY OF DENVER
ATTEST:	By
APPROVED AS TO FORM:	REGISTERED AND COUNTERSIGNED
By	By
	By



contract control Number.	PVVADIVI-201414000-00
Contractor Name:	Colorado Kenworth, Inc.
	By: Laure Jal
	Name: Scott A. Lockhard (please print)
	Title: Branch Manager (please print)
	ATTEST: [if required]
	Ву:
	Name:(please print)
	Title:(please print)

