

**APPENDIX D-4**

**BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION**

**State of Connecticut  
Round 1 November 14, 2019  
Class 8 Trucks**

**APPENDIX D-4**  
**Beneficiary Eligible Mitigation Action Certification**

## BENEFICIARY ELIGIBLE MITIGATION ACTION CERTIFICATION

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Beneficiary The State of Connecticut

Lead Agency Authorized to Act on Behalf of the Beneficiary The Connecticut Department of Energy & Environmental Protection  
*(Any authorized person with delegation of such authority to direct the Trustee delivered to the Trustee pursuant to a Delegation of Authority and Certificate of Incumbency)*

<b>Action Title:</b>	Class 8 Trucks Diesel Mitigation Project
<b>Beneficiary's Project ID:</b>	Class 8 Trucks Replacement Round 1
<b>Funding Request No.</b>	<i>(sequential)</i> 3
<b>Request Type: (select one or more)</b>	<input checked="" type="checkbox"/> Reimbursement <span style="float: right;"><input type="checkbox"/> Advance</span> <input type="checkbox"/> Other (specify): _____
<b>Payment to be made to: (select one or more)</b>	<input type="checkbox"/> Beneficiary <input checked="" type="checkbox"/> Other (specify): <u>Grant Recipient</u>
<b>Funding Request &amp; Direction (Attachment A)</b>	<input type="checkbox"/> Attached to this Certification <input checked="" type="checkbox"/> To be Provided Separately

### SUMMARY

<b>Eligible Mitigation Action</b>	<input checked="" type="checkbox"/> Appendix D-2 item (specify): <u>Class 8 Local Freight Trucks and Port Drayage Trucks (Large Trucks)</u> <input type="checkbox"/> Item 10 - DERA Option (5.2.12) (specify and attach DERA Proposal):
<b>Action Type</b>	
<b>Explanation of how funding request fits into Beneficiary's Mitigation Plan (5.2.1):</b>	See Attached
<b>Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2):</b>	See Attached
<b>Estimate of Anticipated NOx Reductions (5.2.3):</b>	See Attached
<b>Identification of Governmental Entity Responsible for Reviewing and Auditing Expenditures of Eligible Mitigation Action Funds to Ensure Compliance with Applicable Law (5.2.7.1):</b>	The Connecticut Department of Energy & Environmental Protection (DEEP)
<b>Describe how the Beneficiary will make documentation publicly available (5.2.7.2).</b>	See Attached
<b>Describe any cost share requirement to be placed on each NOx source proposed to be mitigated (5.2.8).</b>	See Attached
<b>Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9).</b>	See Attached

If applicable, describe how the mitigation action will mitigate the impacts of NOx emissions on communities that have historically borne a disproportionate share of the adverse impacts of such emissions (5.2.10).  
See Attached

**ATTACHMENTS**  
(CHECK BOX IF ATTACHED)

- Attachment A Funding Request and Direction.
- Attachment B Eligible Mitigation Action Management Plan Including Detailed Budget and Implementation and Expenditures Timeline (5.2.4).
- Attachment C Detailed Plan for Reporting on Eligible Mitigation Action Implementation (5.2.11).
- Attachment D Detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000 (5.2.6). [Attach only if project involves vendor expenditures exceeding \$25,000.]
- Attachment E DERA Option (5.2.12). [Attach only if using DERA option.]
- Attachment F Attachment specifying amount of requested funding to be debited against each beneficiary's allocation (5.2.13). [Attach only if this is a joint application involving multiple beneficiaries.]

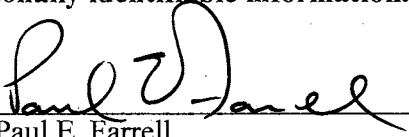
**CERTIFICATIONS**

By submitting this application, the Lead Agency makes the following certifications:

1. This application is submitted on behalf of Beneficiary The State of Connecticut, and the person executing this certification has authority to make this certification on behalf of the Lead Agency and Beneficiary, pursuant to the Certification for Beneficiary Status filed with the Court.
2. Beneficiary requests and directs that the Trustee make the payments described in this application and Attachment A to this Form.
3. This application contains all information and certifications required by Paragraph 5.2 of the Trust Agreement, and the Trustee may rely on this application, Attachment A, and related certifications in making disbursements of trust funds for the aforementioned Project ID.
4. Any vendors were or will be selected in accordance with a jurisdiction's public contracting law as applicable. (5.2.5)
5. Beneficiary will maintain and make publicly available all documentation submitted in

support of this funding request and all records supporting all expenditures of eligible mitigation action funds subject to applicable laws governing the publication of confidential business information and personally identifiable information. (5.2.7.2)

DATED: 11/18/19

  
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Paul E. Farrell  
Director of Air Planning  
Department of Energy & Environmental Protection

[LEAD AGENCY]

for

The State of Connecticut  
[BENEFICIARY]

## **APPENDIX D-4 – Supplemental Information Beneficiary Eligible Mitigation Action Certification**

**Beneficiary: State of Connecticut**

**Lead Agency: Department of Energy and Environmental Protection**

**In support of funding request No. 3 – Class 8 Local Freight Trucks and Port Drayage Trucks (Large Trucks)**

### **Appendix D-4-Summary**

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#### **Explanation of how funding request fits into Beneficiary’s Mitigation Plan (5.2.1):**

The State of Connecticut (State), pursuant to the 2018 Mitigation Plan, filed with Wilmington Trust (WT) on April 26, 2018, outlined a protocol for the selection of on-road vehicle replacement projects, including replacement of Class 8 Local Freight Trucks and Port Drayage Trucks (Large Trucks), to protect the state's air quality and the health of vulnerable populations. The primary goal of the State’s 2018 Mitigation Plan is to improve and protect ambient air quality by selecting and implementing eligible mitigation projects that will (1) achieve significant and sustained cost effective reductions in Nitrogen Oxide (NO<sub>x</sub>) emissions, (2) support statewide energy, environmental and economic development goals and (3) reduce impacts on environmental justice and other impacted communities.

Transportation emissions significantly impact the State’s air quality and attainment designation, being the source of 65% of the State’s NO<sub>x</sub> emissions; and 44% of its greenhouse gas (GHG) emissions. The funding identified in the 2018 Mitigation Plan (mitigation funding or mitigation funds) will provide the State an opportunity to mitigate the impact of excess NO<sub>x</sub> emissions associated with Class 8 Trucks. Funding this request allows the replacement of fifty-eight Class 8 trucks with MY 2019 and MY2020 trucks, which will have immediate and long-lasting benefits for Connecticut’s air quality.

#### **Detailed Description of Mitigation Action Item Including Community and Air Quality Benefits (5.2.2):**

Connecticut's Class 8 Large Truck Replacement Project will strive to balance the environmental and societal benefits among Connecticut's cities and towns that are impacted by NO<sub>x</sub> emissions generated by on-road diesel-fueled vehicles. The expected benefits of the Class 8 Large Truck Mitigation project include reduction in the tons of pollution over the lifetime of the engines/vehicles, specifically NO<sub>x</sub>, GHGs, and fine particulates. Decreasing air pollutants leads to improved ambient air quality and human health in communities located in nonattainment areas, areas with historical air quality issues, or in areas that bear a disproportionate share of the air pollution burden. Such communities are often located along highway corridors in urban settings, thoroughfares most frequently travelled by Class 8 trucks. Significant health benefits accrue from reduced public exposure to diesel particulate matter, which the U.S. Environmental Protection Agency (EPA) has classified as a likely human carcinogen. Decreasing the number of work and school days lost to asthma, chronic obstructive pulmonary disease (COPD) and other health conditions aggravated by air pollution benefits the local economy. Additional economic benefits derive from technology advances on the new trucks, improved energy efficiency saves money by decreasing fuel consumption while reducing engine emissions. The reduction in emissions of the ozone precursor, NO<sub>x</sub>, from these projects will be a benefit in a state that is in nonattainment with both the 2008 and 2015 National Ambient Air Quality Standards (NAAQS) for ozone. The selected truck replacement projects will also

decrease diesel particulates in a New York/New Jersey/Connecticut maintenance area for fine particulate matter (PM<sub>2.5</sub>).

In order to achieve the goal of the 2018 Mitigation Plan, it is a priority to fund sizeable and/or transformative projects designed to achieve the greatest emission reduction for the dollar (i.e. capital cost effectiveness in dollars/ton). To meet the priority, proposals from Bozzuto's, H.I. Stone & Son Inc. (H.I. Stone), and USA Hauling & Recycling were selected for funding under the Class 8 Large Truck Replacement mitigation action category. The Bozzuto's trucks will be used to transport food and household products from Cheshire, CT to retailers in Connecticut, New England, New York and New Jersey. H.I. Stone will replace seven (7) Class 8 diesel trucks with equivalent diesel trucks to be used for various purposes in some of the more congested areas in Connecticut including Waterbury, Hartford and Stamford. Replacing the seven Class 8 H.I. Stone trucks will result in a fuel savings of 44,495 gallons. Technology advances on the new Bozzuto's and H.I. Stone trucks will allow the projects to enhance air quality by reducing engine emission and improve engine efficiency by decreasing fuel consumption. USA Hauling & Recycling will replace sixteen (16) Class 8, diesel-powered refuse trucks with 16 2020 Model Year (MY) compressed natural gas (CNG)-powered equivalents. The trucks will be used to collect refuse and recyclables in and around Oakville and Waterbury, CT. There will be a significant reduction in NO<sub>x</sub> emissions with the switch from diesel to CNG.

Additionally, all three grant recipients, Bozzuto's, H.I. Stone and USA Hauling, implement anti-idling programs, satisfying a preferential criteria as outlined in the Diesel Mitigation Plan and during the selection process.

**Estimate of Anticipated NO<sub>x</sub> Reductions (5.2.3):**

The estimated emissions were calculated using the EPA's Diesel Emissions Quantifier (DEQ.) For the CNG project, Argonne National Lab's Alternative Fuel Life-Cycle Environmental and Economic Transportation (AFLEET) tool was used to project the baseline emissions of the new, CNG-powered trucks. The anticipated NO<sub>x</sub> emissions reductions from the Class 8 truck mitigation project is 42.72 tons per year (tpy) and lifetime NO<sub>x</sub> emissions reduction from this group is 71.82 tpy.

**Describe how the Beneficiary will make documentation publicly available (5.2.7.2):**

Complete information and documentation will be posted on DEEP's Volkswagen incentive program website at: [www.ct.gov/deep/vw](http://www.ct.gov/deep/vw); promotional materials will also be posted and cross-linked on DEEP's Diesel Grants and Funding page at: [https://www.ct.gov/deep/cwp/view.asp?a=2684&q=322100&deepNav\\_GID=1619](https://www.ct.gov/deep/cwp/view.asp?a=2684&q=322100&deepNav_GID=1619) and on its [DriveCleanCT](#) Facebook Page.

**Describe any cost share requirement to be placed on each NO<sub>x</sub> source proposed to be mitigated (5.2.8):**

Connecticut's 2018 Mitigation Plan outlines that diesel mitigation funds will provide for non-government owned large trucks:

- Up to 40% of the cost of a repower with a new diesel or alternate fueled engine, including the costs of installation of the engine,
- Up to 25% of the cost of a new diesel or alternate fueled vehicle. The only exception to this limit is for eligible port drayage trucks, which are eligible for up to 50% of the cost of a new diesel or alternate fueled vehicle,
- Up to 60% of the cost of a repower with a new all-electric engine, including the costs of installation of such engine, and charging infrastructure associated with the new all-electric engine; and

- Up to 60% of the cost of a new all-electric vehicle, including charging infrastructure associated with the new all-electric vehicle.

The three projects selected for the first round of the Class 8 Freight Truck Replacement Project, Bozzuto's (thirty-five (35) diesel tractors), H.I. Stone (seven (7) diesel trucks), and USA Hauling & Recycling (sixteen (16) CNG refuse trucks), were awarded 25% of the cost of the new trucks, which results in a 75% cost share for each grantee. A total of \$2,480,950 has been allocated from Trust funds for the Class 8 trucks replacement mitigation project. The first round of the Class 8 Truck Diesel Mitigation Project will replace a total of fifty eight (58) Class 8 diesel trucks.

**Describe how the Beneficiary complied with subparagraph 4.2.8, related to notice to U.S. Government Agencies (5.2.9):**

On February 22, 2018, within 30 days of the State being named a Beneficiary, the Connecticut Department of Energy and Environmental Protection (DEEP), the State's Lead Agency as designated in accordance with the requirements specified in Appendix D-3, contacted, by U.S. Post and electronic mail, the U.S. Departments of Agriculture and Interior, as specified in subparagraph 4.2.8, plus the Bureau of Indian Affairs, the Defense Department and Bureau of Prisons, all of which have lands in the state.

**If applicable, describe how the mitigation action will mitigate the impacts of NO<sub>x</sub> emissions on communities that have historically borne a disproportionate share of the adverse impacts of such emissions(5.2.10):**

The reduction of NO<sub>x</sub> from the Class 8 Trucks transportation sector will improve air quality and protect human health across the state and especially in environmental justice and other underserved communities. The replacement of Class 8 trucks has the potential to positively impact air quality in environmental justice communities because the heavy duty vehicles selected for these grants operate in congested urban areas, collect refuse in neighborhoods, and distribute food and household products to retailers in New England, New York, New Jersey and Pennsylvania. The Bozzuto's project will enhance air quality and have health benefits in neighborhoods along transportation routes. H.I. Stone trucks travel in heavily congested urban areas in Connecticut including Waterbury, Hartford, and Stamford; congested highways in urban areas create excessive idling. The new H.I. Stone trucks will reduce idling and will be equipped with Diesel Particulate Filters (DPFs) that will further reduce NO<sub>x</sub> emissions. Replacing diesel refuse trucks, which operate and idle in residential neighborhoods, has immediate benefits to the residents of those neighborhoods; the USA Hauling & Recycling project will have a positive health impact in any municipalities along those refuse collection routes that are distressed or have been disproportionately impacted by air pollution from diesel vehicles. By converting USA Hauling's fleet from diesel to low emitting CNG refuse trucks, the NO<sub>x</sub> reductions from the new refuse trucks will be even greater. Additional technology improvements will allow the refuse truck engines to operate more efficiently and allow the trucks to collect waste faster thus reducing the idle time at each refuse collection stop and increasing on-route productivity.

The selection criteria also prioritized areas that receive a disproportionate quantity of air pollution from diesel fleets such as, but not limited to, ports, rail yards, truck stops, airports, terminals, and bus depots. Since USA Hauling's trucks are heavy duty vehicles that move slowly and idle often, this has an adverse effect on the communities they serve. The replacement refuse trucks run throughout Oakville, Waterbury and the surrounding distressed neighborhoods. H.I. Stone trucks operate in Hartford and Waterbury which are cities traversed by major highways, thus receiving a disproportionate quantity of air pollution from diesel fleets. Finally, Bozzuto's food distribution trucks travel throughout Connecticut from a location in Cheshire, which is in nonattainment for ozone and a maintenance area for PM<sub>2.5</sub>, driving through many areas within the state that also bear an increased share of the air pollution burden.



**ELIGIBLE MITIGATION ACTION MANAGEMENT PLAN INCLUDING DETAILED  
BUDGET AND IMPLEMENTATION AND EXPENDITURES TIMELINE**

**ATTACHMENT B**

**PROJECT MANAGEMENT PLAN  
PROJECT SCHEDULE AND MILESTONES  
CLASS 8 FREIGHT/ LARGE TRUCKS CATEGORY**

**Project Management Plan– Project Schedule and Milestones**

<b>Milestone</b>	<b>Date</b>
Connecticut submitted its beneficiary form to US District Court, CA Northern District and to the Trustee	October 2017
Connecticut certified as a Designated Beneficiary under the VW Trust	January 29, 2018
Connecticut submitted its final mitigation plan to Wilmington Trust (the Trustee).	April 26, 2018
Request for Round 1 Proposals Announced	May 30, 2018
DEEP Informational Webinar	June 19, 2018
Request for Round 1 Proposals Closing - Application Deadline	July 31, 2018
Round 1 Awards Selected and Notification sent to Awardees/Recipients	November 13, 2018
Recipients enter into Contracts, Purchase Orders	CY 2019, Q1
Class 8 Trucks Delivered	CY 2019, Q2 –Q3
Recipients submit proof of destruction and scrappage documentation	CY 2019, Q4
DEEP Receives all required invoices and documentation	Upon completion but no later than March 30, 2020
DEEP reviews, requests corrections if necessary, certifies project completion, and provides reimbursement.	CY2019, Q4 – CY2020, Q1-Q2
DEEP reports to Trustee on status of and expenditures with Mitigation Actions completed and underway	Within 6 months of first disbursement; January 30 and July 30 thereafter

**Project Budget**

<b>Budget Category</b>	<b>Total Approved Project Budget</b>	<b>Share of Total Budget Funded by the Trust</b>	<b>Cost Share (Paid by Recipients 1, 2 &amp;3)</b>
Equipment Expenditure			
Bozzuto's – Recipient #1	\$4,200,000.00	\$1,050,000.00	\$3,150,000.00
H.I. Stone & Son –Recipient #2	\$1,212,800.00	\$303,200.00	\$909,600.00
USA Hauling & Recycling – Recipient #3	\$4,511,000.00	\$1,127,750.00	\$3,383,250.00
<b>Project Totals</b>	\$9,923,800.00	\$2,480,950.00	\$7,442,850.00
Percentage of Total Project Cost	100%	25%	75%
DEEP Administrative <sup>1</sup>	\$372,142.50	\$372,142.50	\$0
<b>Project Totals with DEEP Administrative</b>	\$10,295,942.50	\$2,853,092.50	\$7,442,850.00

<sup>1</sup>Subject to Appendix D-2 15% administrative cap

**PROJECTED TRUST ALLOCATIONS**

	2017	2018	2019 - 2020
1. Anticipated Annual Project Funding Request to be paid through the Trust	\$0	\$0	\$2,853,092.50
2. Anticipated Annual Cost Share	\$0	\$0	\$7,442,850.00
3. Anticipated Total Project Funding by Year (line 1 plus line 2)	\$0		\$10,295,942.50
4. Cumulative Trustee Payments Made to Date Against Cumulative Approved Beneficiary Allocation	\$0	\$0	\$0
5. Current Beneficiary Project Funding to be paid through the Trust (line 1)	\$0	\$0	\$2,853,092.50
6. Total Funding Allocated to Beneficiary, inclusive of Current Action by Year (line 4 plus line 5)	\$0	\$0	\$2,853,092.50
7. Beneficiary Share of Estimated Funds Remaining in the Trust	\$0	\$0	\$55,204,701.82
8. Net Beneficiary Funds Remaining in Trust, net of cumulative Beneficiary Funding Actions (line 7 minus line 6)	\$0	\$0	\$52,351,609.32

**ATTACHMENT B**

**ELIGIBLE MITIGATION ACTION MANAGEMENT PLANS**

**ATTACHMENT B-1**

**ELIGIBLE MITIGATION ACTION MANAGEMENT PLAN FOR BOZZUTO'S**

## Bozzuto's Eligible Mitigation Action Management Plan

**Purpose:** The purpose of this project is to replace the thirty-five (35) Class 8 trucks listed below with 2020 Model Year (MY) Freightliner Cascadia and Ottawa units. The trucks will be used to transport food and household products from Cheshire, CT to retailers in Connecticut, New England, New York and New Jersey. All of Bozzuto's equipment, for the purpose of VW Grant 201809813 hauls freight on a daily basis. To be specific, YDO2, along with its replacement, have been and will always be used in the capacity of local on the road hauling of freight. Because of technology advances on the new trucks, the project will enhance air quality by reducing engine emissions and improve engine efficiency by decreasing fuel consumption. The reduction in emissions of the ozone precursor, nitrogen oxides, will be a benefit in a state that is in nonattainment with the National Ambient Air Quality Standards for Ozone. The project will also decrease diesel particulates in a New York/New Jersey/Connecticut maintenance area for fine particulate matter and will have health benefits in neighborhoods along those transportation routes that have been disproportionately impacted by air pollution from diesel vehicles.

Unit Number	Vehicle Class	Engine Make	Engine Model	Engine Model Year	Vehicle Identification Number(VIN)	Engine Serial Number
9901	Class 8	Detroit	6067MK60	1999	2FWYJSEB3XAB75303	06R0480118
9904	Class 8	Detroit	6067MK60	1999	2FWYJSEB9XAB75306	06R0481964
9907	Class 8	Detroit	6067MK60	1999	2FWYJSEB4XAB75309	06R0482679
9908	Class 8	Detroit	6067MK60	1999	2FWYJSEB0XAB75310	06R0482678
9909	Class 8	Detroit	6067MK60	1999	2FWYJSEB2XAB75311	06R0482678
9910	Class 8	Detroit	6067MK60	1999	2FWYJSEB4XAB75312	06R0482680
9911	Class 8	Detroit	6067MK60	1999	2FWYJSEB6XAB40271	06R0481971
9912	Class 8	Detroit	6067MK60	1999	2FWYJSEB8XAB40272	06R0482958
9915	Class 8	Detroit	6067MK60	1999	2FWYJSEB3XAB40275	06R0482947
9916	Class 8	Detroit	6067MK60	1999	2FWYJSEB5XAB40276	06R0482956
9917	Class 8	Detroit	6067MK60	1999	2FWYJSEB7XAB40277	06R0482951
9919	Class 8	Detroit	6067MK60	1999	2FWYJSEB0XAB40279	06R0482950
9920	Class 8	Detroit	6067MK60	1999	2FWYJSEB7XAB40280	06R0482946
9929	Class 8	Detroit	6067MK60	1999	2FWYJSEB3XAF31782	06R0487218
9932	Class 8	Detroit	6067MK60	1999	2FWYJSEB9XAF31785	06R0487225
9933	Class 8	Detroit	6067MK60	1999	2FWYJSEB0XAF31786	06R0487220
9935	Class 8	Detroit	6067MK60	1999	2FWYJSEB4XAF31788	06R0487226
9936	Class 8	Detroit	6067MK60	1999	2FWYJSEB6XAF31789	06R0487224
9938	Class 8	Detroit	6067MK60	1999	2FWYJSEB4XAF31791	06R0488209
9939	Class 8	Detroit	6067MK60	1999	2FWYJSEB6XAF31792	06R0488203
9941	Class 8	Detroit	6067MK60	1999	2FWYJSEBXXAF31794	06R0488204

Unit Number	Vehicle Class	Engine Make	Engine Model	Engine Model Year	Vehicle Identification Number(VIN)	Engine Serial Number
9943	Class 8	Detroit	6067MK60	1999	2FWYJSEB3XAF31796	06R0489646
9944	Class 8	Detroit	6067MK60	1999	2FWYJSEB5XAF31797	06R0489639
9945	Class 8	Detroit	6067MK60	1999	2FWYJSEB7XAF31798	06R0489641
9946	Class 8	Detroit	6067MK60	1999	2FWYJSEB9XAF31799	06R0489642
9947	Class 8	Detroit	6067MK60	1999	2FWYJSEB1XAF31800	06R0489637
9948	Class 8	Detroit	6067MK60	1999	2FWYJSEB3XAF31801	06R0489640
9950	Class 8	Detroit	6067MK60	1999	2FWYJSEB7XAF31803	06R0489643
9951	Class 8	Detroit	6067MK60	1999	2FWYJSEB6XAF33834	06R0490282
9954	Class 8	Detroit	6067MK60	1999	2FWYJSEB1XAF33837	06R0490571
9956	Class 8	Detroit	6067MK60	1999	2FWYJSEB5XAF33839	06R0490569
9960	Class 8	Detroit	6067MK60	1999	2FWYJSEB7XAF33843	06R0490567
0418	Class 8	Cat	C-15	2004	1XKDBB9X54J066503	MBN29203
0519	Class 8	Mercedes	MBE-460	2005	2FWJA3CVX5AN19482	460775293
YD02	Class 8	Cummins	B5.9-C174	2000	4LMBB5113YL011753	45931624

Bozzuto's, Inc. shall be responsible for all phases of the project including project management services and materials as needed to complete this project. Completion of the project shall include documentation of the scrapping of the replaced trucks.

**Project Title:** *Bozzuto's Inc. Fleet Truck Repower*

**Description:** Following the approval of this Eligible Mitigation Action Management Plan (Plan), Bozzuto's Inc. (Bozzuto's) shall begin providing the services outlined in the plan, and continue to provide services through the completion of the project, which will be no later than September 30, 2020 unless extended by DEEP.

**1. Funding:**

The Connecticut Department of Energy and Environmental Protection (DEEP) is granting \$1,050,000.00 in 2018 Volkswagen NOx Mitigation Trust funding to Bozzuto's, the grantee. Bozzuto's has agreed to contribute an estimated additional \$3,150,000.00 to the above referenced project through a combination of cash and in kind services, bringing the estimated total value of the project to \$4,200,000.00. Payment is contingent upon documentation of the completion of the tasks outlined in this Plan.

**2. Work Tasks**

The Plan is summarized according to the following three tasks:

*Task 1: Planning and Procurement*

*Task 2: Delivery and Scrappage*

*Task 3: Provide Updates and Information for Semi-Annual and Other Reports as Required*

**Task 1: Planning and Procurement:**

Bozzuto's shall conduct the project, provide oversight and track project progress. To ensure timely completion of the project, Bozzuto's shall include, in this Plan, a work plan with a schedule of expected target dates, milestones, responsible parties and completion dates to achieve specific tasks and accomplishments during the budget and project period. The schedule must be approved and signed by Bozzuto's and DEEP.

Bozzuto's may use their own procurement processes to identify possible vendors for the purchase of the trucks. However, those procurement procedures must reflect all applicable Federal, State and local laws, rules and regulations. The requirements for accessing VW Trust funds require the submission of detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000 (Section 5.2 of the Environmental Mitigation Trust Agreement for State Beneficiaries (Mitigation Trust Agreement) between Connecticut, as a State Beneficiary, and Wilmington Trust (Item 3 below).

*Task 1 Deliverables:*

- Approved work plan with project timeline/schedule
- Estimates or proposals from three potential vendors
- Summary of criteria used for selecting Vendor and name of Vendor selected (lowest bid is not required)
- Copy of Purchase Order issued for new trucks
- Documentation of down payments or other up-front payments made for the project

**Task 2: Delivery of New Trucks and Scrappage of Replaced Trucks, Completion of Project:**

After selecting a Vendor and issuing a Purchase Order for the new trucks, Bozzuto's will track the progress of the manufacturing and outfitting of the new trucks for their intended use. When that process is complete, Bozzuto's shall take delivery of the vehicles.

Bozzuto's shall render the replaced vehicles and their engines inoperable, in accordance with Mitigation Trust Agreement requirements for scrappage under the VW grant. This will include cutting the frames and drilling the engines to render the vehicle inoperable. Bozzuto's shall provide documentation that the vehicles have been scrapped. Bozzuto's shall submit to DEEP an invoice for payment, along with confirmation that the project has been completed.

*Task 2 Deliverables:*

- Invoice from the Vendor for delivered truck and documentation of payment to Vendor
- Completed copy of Certificate of Engine/Chassis Destruction (See Appendix A)



- Required photographic scrappage documentation for replaced truck (See list on Certificate of Destruction)
- Confirmation that the project is completed and that the trucks are operating satisfactorily for their intended use
- An invoice to DEEP for reimbursement under the grant

**Task 3: Provide Updates and Information for Quarterly and Other Reports as Required.**

Bozzuto's shall provide DEEP with status updates to be included in DEEP's semi-annual reports to Wilmington Trust. Semi-annual progress updates will be requested before the 1st of the month following the end of each half year (i.e., July 1, 2019, and January 1, 2020). Follow-up status reports may be requested after March of 2020. Bozzuto's will also contribute material necessary for a final report upon completion of the project, which shall be no later than September 30, 2020 unless extended by DEEP. Items to be provided may include, but will not be limited to:

- Environmental results;
- Work plan accomplishments;
- Challenges encountered during planning and implementation;
- Emissions reductions;
- Budgetary issues, including funds expended;
- Public relations activities;
- Technical and identification information for vehicles and engines; and
- Jobs preserved or created.

*Task 3 Deliverables:*

- *Status Updates for Semi-annual Reports*
- *Any required material for Final Report*

**3. VW Mitigation Trust Grant Conditions**

Bozzuto's commits to comply with the conditions listed in the Mitigation Trust Agreement between Connecticut, as a State Beneficiary, and Wilmington Trust, which is attached as Appendix B.

**4. Submission of Materials:**

For the purposes of this Plan, all correspondence, summaries, reports, products, requests and invoices shall be submitted to:

Patrice Kelly (Assigned Project Manager)  
Department of Energy and Environmental Protection  
Bureau of Air Management  
79 Elm Street  
Hartford, CT 06106-5127

E-Mail: patrice.kelly@ct.gov

**5. Extensions/Amendments:**

Formal written amendment of the agreement is required for changes to the terms and conditions specifically stated in the original agreement and any prior amendments.

Time extensions may be granted, under certain circumstances, upon request. **Otherwise, the Project must be completed by September 30, 2020.**

**6. Schedule of Tasks & Payments:**

Payments by Wilmington Trust shall allow for use of funds to meet allowable financial obligations incurred in conjunction with this Project and shall be scheduled as follows, provided that the total sum of all grant payments shall not exceed 25% of your project costs up to \$1,050,000.00.

**Schedule of Tasks & Payments**

Task & Deliverables	Task Delivery Date	Estimated Budget		
		Wilmington Trust	BOZZUTO'S Cost-Share	Project Total
<b>1. Planning &amp; Procurement:</b> <ul style="list-style-type: none"> <li>Approved work plan with project timeline/schedule</li> <li>Estimates or proposals from three potential vendors</li> <li>Summary of criteria used for selecting Vendor and name of Vendor selected</li> </ul>	December 31, 2018	\$0	\$0	\$0
<ul style="list-style-type: none"> <li>Copy of Purchase Order issued for new trucks</li> <li>Documentation of down payments or other up-front payments made for the project</li> </ul>	February 15, 2019	\$0	\$0	\$0
<b>2. Delivery of New Trucks, Scrappage of Replaced Trucks, Completion of Project</b> <ul style="list-style-type: none"> <li>Invoice from the Vendor for delivered trucks and documentation of payment to Vendor</li> </ul>	September 30, 2020	\$0	\$4,200,000.00	\$4,200,000.00
<ul style="list-style-type: none"> <li>Completed copy of Certificate of Engine/Chassis Destruction</li> <li>Required photographic scrappage documentation for replaced trucks</li> <li>Confirmation that the project is completed and that the trucks are operating satisfactorily for their intended use</li> <li>An Invoice to DEEP for reimbursement under the grant</li> </ul>	September 30, 2020	\$1,050,000.00	-\$1,050,000.00	\$0
<b>4. Provide Updates and Information for Semi-Annual and Other Reports</b> <ul style="list-style-type: none"> <li>Status Update for First Semi-Annual Report</li> <li>Status Update for Second Semi-Annual Report</li> <li>Status Update for Third Semi-Annual Report</li> <li>Status Update for Fourth Semi-Annual Report.</li> <li>Status Update for Fifth Semi-Annual Report.</li> <li>Status Update for Sixth Semi-Annual Report.</li> <li>Required material for Final Report (upon completion but no later than 10/31/20)</li> </ul>	07/01/19 01/01/20 07/01/20 01/01/21 07/01/21 01/01/22 10/31/20	\$0	\$0	\$0
<b>Total:</b>		\$1,050,000.00	\$3,150,000.00	\$4,200,000.00

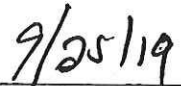
Payment for each task referenced above cannot exceed the budgeted amount for each task. Total Payment shall not exceed a maximum of \$1,050,000.00, which shall constitute full and complete compensation from the Wilmington Trust for the replacement of 35 Class 8 trucks. The total sum of all payments shall not exceed total funds committed by DEEP.

Payment is contingent upon completion of the tasks outlined in this Plan and providing documentation of compliance with the Mitigation Trust Agreement, between DEEP and Wilmington Trust, which is attached as Appendix B.

Signature, Bozzuto's  
Authorized Representative

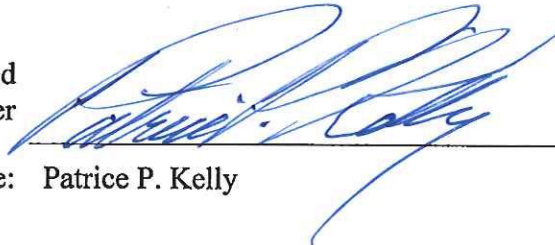


Typed Name: Chris Sferruzzo



Date

Signature, DEEP Assigned  
Project Manager



Typed Name: Patrice P. Kelly



Date

**ATTACHMENT B-2**

**ELIGIBLE MITIGATION ACTION MANAGEMENT PLAN FOR H.I. STONE & SON**

**INC.**

## Eligible Mitigation Action Management Plan

**Purpose:** The purpose of this project is for H.I. Stone & Son Inc (H.I. Stone) to replace seven Class 8 diesel trucks, described in Appendix A, with equivalent diesel trucks described in Appendix B. The new trucks will be used for various purposes in some of the more congested areas in Connecticut including Waterbury, Hartford and Stamford. Because of technology advances on the new trucks, the project will enhance air quality by reducing engine emissions and improve engine efficiency by decreasing fuel consumption. The reduction in emissions of the ozone precursor, nitrogen oxides, will be a benefit in a state that is in nonattainment with the National Ambient Air Quality Standards for Ozone and in several neighborhoods that have been disproportionately impacted by air pollution from diesel vehicles.

H.I. Stone shall be responsible for all phases of the project including project management services and materials as needed to complete this project. Completion of the project shall include documentation of the scrappage of the replaced trucks.

**Project Title:** *Replacement of Seven Class 8 Diesel Trucks*

**Description:** Following the approval of this Eligible Mitigation Action Management Plan (Plan), H.I. Stone shall begin providing the services outlined in this Plan, and continue to provide services through the completion of the project, which will be no later than March 31, 2020.

### 1. Funding:

The Connecticut Department of Energy and Environmental Protection (DEEP) is granting a maximum of \$303,200 in 2018 Volkswagen NOx Mitigation Trust funding to H.I. Stone, the grantee. H.I. Stone has agreed to contribute an estimated additional \$909,600 to the above referenced project through a combination of cash and in kind services, bringing the estimated total value of the project to \$1,212,800. Payment is contingent upon documentation of the completion of the tasks outlined in this Plan.

### 2. Work Tasks

The Eligible Mitigation Action Management Plan is summarized according to the following three tasks:

*Task 1: Planning and Procurement*

*Task 2: Delivery and Scrappage*

*Task 3: Provide Updates and Information for Semi-Annual and Other Reports as Required*

#### **Task 1: Planning and Procurement:**

H.I. Stone shall conduct the project, provide oversight and track project progress. To ensure timely completion of the project, H.I. Stone shall include, in this Plan, a work plan with a schedule of expected target dates, milestones, responsible parties and completion dates to achieve specific tasks and accomplishments during the budget and project period. The schedule must be approved by DEEP and H.I. Stone.

H.I. Stone may use their own procurement processes to identify possible vendors for the purchase of the trucks. However, those procurement procedures must reflect all applicable Federal, State and local laws, rules and regulations. The requirements for accessing VW Trust funds require the submission of detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000. This is described in Section 5.2 of the Environmental Mitigation Trust Agreement for State Beneficiaries (Mitigation Trust Agreement) between Connecticut, as a State Beneficiary, and Wilmington Trust, which is attached as Appendix D.

*Task 1 Deliverables:*

- Approved work plan with project timeline/schedule
- Estimates or proposals from potential vendors
- Summary of criteria used for selecting vendor
- Name and address of vendor selected
- Copy of purchase order issued for new trucks
- Documentation of down payments or other up-front payments made for the project

**Task 2: Delivery of New Trucks and Scrappage of Replaced Trucks, Completion of Project:**

After selecting a vendor and issuing a purchase order for the new trucks, H.I. Stone will track the progress of the manufacturing and outfitting of the new trucks for their intended use. When that process is complete, H.I. Stone shall take delivery of the vehicles.

H.I. Stone shall render the replaced vehicles and their engines inoperable, in accordance with Mitigation Trust Agreement requirements for scrappage under the VW grant. Disabling the engine consists of cutting, drilling, or punching a three inch by three inch (3" x 3") hole in the engine block. Disabling the chassis consists of cutting completely through the frame/frame-rails on each side of the vehicle at a point located between the front and rear axles.

H.I. Stone shall provide documentation that the vehicles have been scrapped. H.I. Stone shall submit to DEEP an invoice for payment, along with confirmation that the project has been completed.

*Task 2 Deliverables:*

- Invoice from the vendor for delivered trucks and documentation of payment to vendor
- Completed copy of Certificate of Engine/Chassis Destruction (See Appendix C)
- Required photographic scrappage documentation for replaced trucks, at a minimum, must include:
  - Side profile of vehicle
  - VIN
  - Engine Label
  - Chassis rails cut in half
  - Engine block, prior to hole
  - Engine block, after hole
  - Other pictures as needed

- Confirmation that the project is completed and that the trucks are operating satisfactorily for their intended use
- An invoice to DEEP for reimbursement under the grant

**Task 3: Provide Updates and Information for Quarterly and Other Reports as Required.**

H.I. Stone shall provide DEEP with status updates to be included in DEEP’s semi-annual reports to Wilmington Trust. Semi-annual progress updates will be requested before the 1st of the month following the end of each half year (i.e., July 1, 2019, and January 1, 2020). Follow-up status reports may be requested after March of 2020. H.I. Stone will also contribute material necessary for a final report to Wilmington Trust upon completion of the project, which shall be no later than March 31, 2020.

Items to be provided may include, but will not be limited to:

- Environmental results;
- Work plan accomplishments;
- Challenges encountered during planning and implementation;
- Emissions reductions;
- Budgetary issues, including funds expended;
- Public relations activities;
- Technical and identification information for vehicles and engines; and
- Jobs preserved or created.

*Task 3 Deliverables:*

- Status Updates for Semi-annual Reports
- Any required material for Final Report

**3. VW Mitigation Trust Grant Conditions**

H.I. Stone commits to comply with the conditions listed in the Mitigation Trust Agreement, between DEEP and Wilmington Trust, which is attached as Appendix D.

**4. Submission of Materials:**

For the purposes of this Plan, all correspondence, summaries, reports, products, requests and invoices shall be submitted to:

Louis Corsino (Assigned Project Manager)  
Department of Energy and Environmental Protection  
Bureau of Air Management  
79 Elm Street  
Hartford, CT 06106-5127  
E-Mail: louis.corsino@ct.gov

**5. Extensions/Amendments:**

Formal written amendment of the agreement is required for changes to the terms and conditions specifically stated in the original agreement and any prior amendments.

Time extensions may be granted, under certain circumstances, upon request. **Otherwise, the Project must be completed by March 31, 2020.**

**6. Schedule of Tasks & Payments:**

Payments by the Commissioner shall allow for use of funds to meet allowable financial obligations incurred in conjunction with this Project and shall be scheduled as follows, provided that the total sum of all payments shall not exceed 25% of the total project cost with a maximum cap of \$303,200.

Task & Deliverables	Task Delivery Date	Estimated Budget		
		VW Funds	H.I. Stone Cost-Share	Project Total
<b>1. Planning &amp; Procurement</b> <ul style="list-style-type: none"> <li>Approved work plan with project timeline/schedule</li> <li>Estimates or proposals from potential vendors</li> <li>Summary of criteria used for selecting vendor</li> <li>Name and address of vendor selected</li> </ul>	January - February 2019	\$0	\$0	\$0
	March - May 2019	\$0	\$0	\$0
<b>2. Delivery of New Trucks, Scrappage of Replaced Trucks, Completion of Project</b> <ul style="list-style-type: none"> <li>Invoice from the vendor for delivered trucks and documentation of payment to vendor</li> </ul>	June – August 2019	\$0	\$1,212,800	\$1,212,800
	March 31, 2020	\$303,200	-\$303,200	\$0
<ul style="list-style-type: none"> <li>Required photographic scrappage documentation for replaced trucks</li> <li>Completed copy of Certificate of Engine/Chassis Destruction</li> <li>Confirmation that the project is completed and that the trucks are operating satisfactorily for their intended use</li> <li>An invoice to DEEP for reimbursement under the grant</li> </ul>				
	<b>4. Provide Updates and Information for Semi-Annual and Other Reports</b> <ul style="list-style-type: none"> <li>Status Update for First Semi-Annual Report</li> <li>Status Update for Second Semi-Annual Report</li> <li>Status Update for Third Semi-Annual Report</li> <li>Status Update for Fourth Semi-Annual Report.</li> <li>Status Update for Fifth Semi-Annual Report.</li> <li>Required material for Final Report (upon completion but no later than 3/31/20)</li> </ul>	07/01/19 01/01/20 07/01/20 01/01/21 07/01/21 03/31/20	\$0	\$0
Total:		\$303,200	\$909,600	\$1,212,800



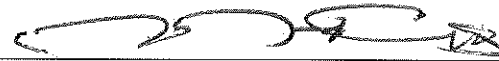
Payment for each task referenced above cannot exceed the budgeted amount for each task. Total Payment shall not exceed 25% of the total project cost with a maximum cap of \$303,200, which shall constitute full and complete compensation from the DEEP for the replacement of seven Class 8 diesel trucks. The total sum of all payments shall not exceed total funds committed by DEEP.

Payment is contingent upon completion of the tasks outlined in this Plan and providing documentation of compliance with the Mitigation Trust Agreement, between DEEP and Wilmington Trust, which is attached as Appendix D.

Signature,

H.I. Stone & Son Inc

Authorized Representative



1-10-19

Typed Name

Chuck Stone Jr.

Date

Signature,

DEEP Assigned Project

Manager

Typed Name

Louis J. Corsino III

Date

Payment for each task referenced above cannot exceed the budgeted amount for each task. Total Payment shall not exceed 25% of the total project cost with a maximum cap of \$303,200, which shall constitute full and complete compensation from the DEEP for the replacement of seven Class 8 diesel trucks. The total sum of all payments shall not exceed total funds committed by DEEP.

Payment is contingent upon completion of the tasks outlined in this Plan and providing documentation of compliance with the Mitigation Trust Agreement, between DEEP and Wilmington Trust, which is attached as Appendix D.

Signature,  
H.I. Stone & Son Inc  
Authorized Representative

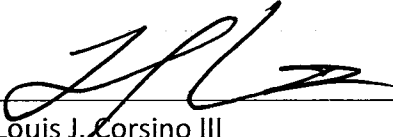
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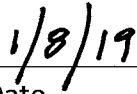
\_\_\_\_\_  
Chuck Stone Jr.

\_\_\_\_\_  
Date

Signature,  
DEEP Assigned Project  
Manager

Typed Name

  
\_\_\_\_\_  
Louis J. Corsino III

  
\_\_\_\_\_  
Date

## Appendix A: Eligible Trucks to be Replaced

Vehicle Class	Vehicle Type	Engine Make	Engine Model	Engine Model Year	Vehicle Identification Number (VIN)	Engine Serial Number
Class 8	Dump Truck	Caterpillar	C13	1998	1FDZS96M2WVA10231	1YN07837
Class 8	Dump Truck	Caterpillar	C12	2000	1HTXHAXT5YJ078196	2KS26472
Class 8	Tractor	Mack	E7	2000	1MIAA13Y01W134630	0D4667
Class 8	Tractor	Caterpillar	C12	2001	2FWJAZAS51AJ12966	2SK60515
Class 8	Dump Truck	Cummins	L10	1995	1FDYK90L5SVA60367	34964621
Class 8	Tank Truck	Cummins	CM870	2006	2XKDD48X17M204578	60819071
Class 8	Tank Truck	Cummins	CM870	2006	2XKDD48XX7M204577	H2604932

## Appendix B: Replacement Vehicle Specifications

Note: Initial specifications for replacement vehicles below is preliminary based on the initial grant application and may change once actual vendor selection is completed.

Vehicle Class	Vehicle Type	Vehicle Make	Vehicle Model	Engine Model	Engine Model Year
Class 8	Dump Truck	Mack	GR64F	MP8-455M	2019
Class 8	Dump Truck	Mack	GR64F	MP8-455M	2019
Class 8	Tractor	Mack	PI64T	MP8-455C	2019
Class 8	Tractor	Mack	PI64T	MP8-455C	2019
Class 8	Dump Truck	Mack	GR64F	MP8-455M	2019
Class 8	Tank Truck	Kenworth	T680	TBD	2019
Class 8	Tank Truck	Kenworth	T680	TBD	2019

**ATTACHMENT B-3**  
**ELIGIBLE MITIGATION ACTION MANAGEMENT PLAN FOR USA HAULING**  
**& RECYCLING**

## USA Hauling and Recycling Eligible Mitigation Action Management Plan

**Purpose:** The purpose of this project is to replace the sixteen (16) Class 8, diesel-powered refuse trucks listed below with 16 2020 Model Year (MY) compressed natural gas (CNG)-powered equivalents. The trucks will be used to collect refuse and recyclables in and around Oakville and Waterbury, CT. The project will enhance air quality by reducing diesel emissions; with the change from diesel to CNG, the significant reduction in emissions of the ozone precursor, nitrogen oxides, will be a benefit in a state that is in nonattainment with the National Ambient Air Quality Standards for Ozone. The project will also decrease diesel particulates in the New York/New Jersey/Connecticut maintenance area for fine particulate matter and will have health benefits in neighborhoods along those collection routes that have been disproportionately impacted by air pollution from diesel vehicles.

Vehicle Class	Engine Make	Engine Model	Engine Model Year	Vehicle Identification Number (VIN)	Engine Serial Number
Class 8	CAT	C-13	2007	1XKDDU9X77J173357	KCB68889
Class 8	CAT	C-13	2007	1XKDDU9X97J173358	KCB68964
Class 8	CAT	C-13	2007	1XKDDU9X07J173359	KCB69106
Class 8	CAT	C-13	2007	1XKDDU9X77J173360	KCB69199
Class 8	CAT	C-13	2007	1XKDDU9X97J173361	KCB69373
Class 8	CAT	C-13	2007	1XKDDU9X07J173362	KCB69270
Class 8	CAT	C-13	2001	1XKDDU9X61J877797	2KS61639
Class 8	Mack	E7	2003	1M2AC07C13M007690	200300
Class 8	Cummins	ISM	2001	4V2EC6UEX1N326850	73222217
Class 8	Mack	E7	1999	1M2P296C6XM046428	9A1816
Class 8	CAT	C-11	2002	1NPZLT0X22D714178	CKM59921
Class 8	Navistar	DT466	2000	1HTSCAAR4YH224777	469JM2U1177385
Class 8	Mack	E7	2003	1M2K195C23M021910	290705
Class 8	Cummins	ISM	2005	1CYCCR5815T046884	35120371
Class 8	Cummins	ISM	2008	3BPZL00X78F718122	35201066
Class 8	Mack	MP7	2009	1M2AV02C49M004681	518650

USA Hauling and Recycling (USA Hauling) shall be responsible for all phases of the project including project management services and materials as needed to complete this project. Completion of the project shall include documentation of the scrappage of the replaced trucks.

### **Project Title: 16 CNG Refuse Trucks**

**Description:** Following the approval of this Eligible Mitigation Action Management Plan (Plan), USA Hauling shall begin providing the services outlined in the plan, and continue to provide services through the completion of the project, which will be no later than March 31, 2020 unless extended by DEEP.

### **1. Funding:**

The Connecticut Department of Energy and Environmental Protection (DEEP) is granting \$1,127,750.00 in 2018 Volkswagen NOx Mitigation Trust funding to USA Hauling, the grantee. USA Hauling has agreed to contribute an estimated additional \$3,383,250.00 to the above referenced project through a combination of cash and in kind services, bringing the estimated total value of the project to \$4,511,000.00. Payment is contingent upon documentation of the completion of the tasks outlined in this Plan.

## **2. Work Tasks**

The Plan is summarized according to the following three tasks:

*Task 1: Planning and Procurement*

*Task 2: Delivery and Scrappage*

*Task 3: Provide Updates and Information for Semi-Annual and Other Reports as Required*

### **Task 1: Planning and Procurement:**

USA Hauling shall conduct the project, provide oversight and track project progress. To ensure timely completion of the project, USA Hauling shall include, in this Plan, a work plan with a schedule of expected target dates, milestones, responsible parties and completion dates to achieve specific tasks and accomplishments during the budget and project period. The schedule must be approved and signed by USA Hauling and DEEP.

USA Hauling may use its own procurement processes to identify possible vendors for the purchase of the trucks. However, those procurement procedures must reflect all applicable Federal, State and local laws, rules and regulations. The requirements for accessing VW Trust funds require the submission of detailed cost estimates from selected or potential vendors for each proposed expenditure exceeding \$25,000 (Section 5.2 of the Environmental Mitigation Trust Agreement for State Beneficiaries (Mitigation Trust Agreement) between Connecticut, as a State Beneficiary, and Wilmington Trust (Item 3 below)).

#### *Task 1 Deliverables:*

- Approved work plan with project timeline/schedule
- Estimates or proposals from three potential vendors
- Summary of criteria used for selecting Vendor and name of Vendor selected (lowest bid is not required)
- Copy of Purchase Order issued for new trucks
- Documentation of down payments or other up-front payments made for the project

### **Task 2: Delivery of New Trucks and Scrappage of Replaced Trucks, Completion of Project:**

After selecting a Vendor and issuing a Purchase Order for the new trucks, USA Hauling will track the progress of the manufacturing and outfitting of the new trucks for their intended use. When that process is complete, USA Hauling shall take delivery of the vehicles.

USA Hauling shall render the replaced vehicles and their engines inoperable, in accordance with Mitigation Trust Agreement requirements for scrappage under the VW grant. This will include cutting the frames and drilling the engines to render the vehicles inoperable. USA Hauling shall provide documentation that the vehicles have been scrapped. USA Hauling shall submit to DEEP an invoice for payment, along with confirmation that the project has been completed.

*Task 2 Deliverables:*

- Invoice from the Vendor for delivered truck and documentation of payment to Vendor
- Completed copy of Certificate of Engine/Chassis Destruction (See Appendix A)
- Required photographic scrappage documentation for replaced truck (See list on Certificate of Destruction)
- Confirmation that the project is completed and that the trucks are operating satisfactorily for their intended use
- An invoice to DEEP for reimbursement under the grant

**Task 3: Provide Updates and Information for Quarterly and Other Reports as Required.**

USA Hauling shall provide DEEP with status updates to be included in DEEP's semi-annual reports to Wilmington Trust. Semi-annual progress updates will be requested before the 1st of the month following the end of each half year (i.e., July 1, 2019, and January 1, 2020). Follow-up status reports may be requested after March of 2020. USA Hauling will also contribute material necessary for a final report upon completion of the project, which shall be no later than March 31, 2020 unless extended by DEEP. Items to be provided may include, but will not be limited to:

- Environmental results;
- Work plan accomplishments;
- Challenges encountered during planning and implementation;
- Emissions reductions;
- Budgetary issues, including funds expended;
- Public relations activities;
- Technical and identification information for vehicles and engines; and
- Jobs preserved or created.

*Task 3 Deliverables:*

- *Status Updates for Semi-annual Reports*
- *Any required material for Final Report*

**3. VW Mitigation Trust Grant Conditions**

USA Hauling commits to comply with the conditions listed in the Mitigation Trust Agreement between Connecticut, as a State Beneficiary, and Wilmington Trust, which is attached as Appendix B.

**4. Submission of Materials:**

For the purposes of this Plan, all correspondence, summaries, reports, products, requests and invoices shall be submitted to:

Patrice Kelly (Assigned Project Manager)  
 Department of Energy and Environmental Protection  
 Bureau of Air Management  
 79 Elm Street  
 Hartford, CT 06106-5127  
 E-Mail: patrice.kelly@ct.gov

**5. Extensions/Amendments:**

Formal written amendment of the agreement is required for changes to the terms and conditions specifically stated in the original agreement and any prior amendments.

Time extensions may be granted, under certain circumstances, upon request. **Otherwise, the Project must be completed by March 31, 2020.**

**6. Schedule of Tasks & Payments:**

Payments by Wilmington Trust shall allow for use of funds to meet allowable financial obligations incurred in conjunction with this Project and shall be scheduled as follows, provided that the total sum of all grant payments shall not exceed 25% of your project costs up to \$1,127,750.00.

**Schedule of Tasks & Payments**

Task & Deliverables	Task Delivery Date	Estimated Budget		
		Wilmington Trust	USA HAULING Cost-Share	Project Total
<b>1. Planning &amp; Procurement:</b> <ul style="list-style-type: none"> <li>Approved work plan with project timeline/schedule</li> <li>Estimates or proposals from three potential vendors</li> <li>Summary of criteria used for selecting Vendor and name of Vendor selected</li> </ul>	January 31, 2019	\$0	\$0	\$0
<ul style="list-style-type: none"> <li>Copy of Purchase Order Issued for new trucks</li> <li>Documentation of down payments or other up-front payments made for the project</li> </ul>	February 28, 2019	\$0	\$0	\$0
<b>2. Delivery of New Trucks, Scrappage of Replaced Trucks, Completion of Project</b> <ul style="list-style-type: none"> <li>Invoice from the Vendor for delivered trucks and documentation of payment to Vendor</li> </ul>	January 2020	\$0	\$4,511,000.00	\$4,511,000.00

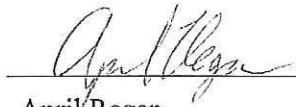


<ul style="list-style-type: none"> <li>Completed copy of Certificate of Engine/Chassis Destruction</li> <li>Required photographic scrappage documentation for replaced trucks</li> <li>Confirmation that the project is completed and that the trucks are operating satisfactorily for their intended use</li> <li>An invoice to DEEP for reimbursement under the grant</li> </ul>	March 31, 2020	\$1,127,750.00	-\$1,127,750.00	\$0
<p>4. Provide Updates and Information for Semi-Annual and Other Reports</p> <ul style="list-style-type: none"> <li>Status Update for First Semi-Annual Report</li> <li>Status Update for Second Semi-Annual Report</li> <li>Status Update for Third Semi-Annual Report</li> <li>Status Update for Fourth Semi-Annual Report.</li> <li>Status Update for Fifth Semi-Annual Report.</li> <li>Status Update for Sixth Semi-Annual Report.</li> <li>Required material for Final Report (upon completion but no later than 3/31/20)</li> </ul>	07/01/19 01/01/20 07/01/20 01/01/21 07/01/21 01/01/22 03/31/20	\$0	\$0	\$0
Total:		\$1,127,750.00	\$3,383,250.00	\$4,511,000.00

Payment for each task referenced above cannot exceed the budgeted amount for each task. Total Payment shall not exceed a maximum of \$1,127,750.00, which shall constitute full and complete compensation from the Wilmington Trust for the replacement of 16 diesel refuse trucks with 16 CNG refuse trucks. The total sum of all payments shall not exceed total funds committed by DEEP.

Payment is contingent upon completion of the tasks outlined in this Plan and providing documentation of compliance with the Mitigation Trust Agreement, between DEEP and Wilmington Trust, which is attached as Appendix B.

Signature, USA Hauling  
Authorized Representative

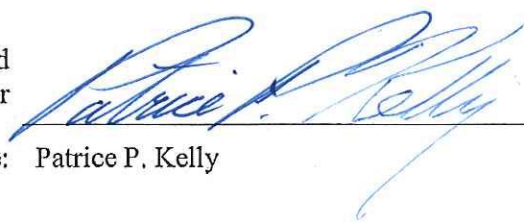


Typed Name: April Regan

3/21/2019

Date

Signature, DEEP Assigned  
Project Manager



Typed Name: Patrice P. Kelly

3/21/19

Date

**ATTACHMENT C**

**DETAILED PLAN FOR REPORTING ON ELIGIBLE MITIGATION ACTION  
IMPLEMENTATION**

## ATTACHMENT C

### DETAILED PLAN FOR REPORTING ON ELIGIBLE MITIGATION ACTION IMPLEMENTATION

The Connecticut Department of Energy and Environmental Protection (DEEP) will provide detailed reporting on the Diesel Emissions Mitigation Trust project in two ways:

1. Timely updates to DEEP's Volkswagen (VW) Settlement Information Webpage, and
2. Connecticut's semiannual reporting obligation to Wilmington Trust (the "Trustee")

DEEP maintains a webpage that has been designed to support public access to information relative to the VW Settlement and DEEP's administration of mitigation funds so as to implement the program in an open and transparent manner. DEEP's VW Settlement Information webpage and all supporting information and documentation can be found at: <https://www.ct.gov/deep/vw>. Timely updates to the webpage as well as direct outreach via email to those who have requested notification will inform the general public on project solicitations, and project status including when the projects identified herein have been completed.

Subparagraph 5.3 of the Environmental Mitigation Trust Agreement for State Beneficiaries details Connecticut's Reporting Obligations" "For each Eligible Mitigation Action, no later than six months after receiving its first disbursement of Trust Assets, and thereafter no later than January 30 (for the preceding six-month period of July 1 to December 31) and July 30 (for the preceding six-month period of January 1 to June 30) of each year, each Beneficiary shall submit to the Trustee a semiannual report describing the progress implementing each Eligible Mitigation Action during the six-month period leading up to the reporting date (including a summary of all costs expended on the Eligible Mitigation Action through the reporting date). Such reports shall include a complete description of the status (including actual or projected termination date), development, implementation, and any modification of each approved Eligible Mitigation Action. Beneficiaries may group multiple Eligible Mitigation Actions and multiple sub-beneficiaries into a single report. These reports shall be signed by an official with the authority to submit the report for the Beneficiary and must contain an attestation that the information is true and correct and that the submission is made under penalty of perjury. To the extent a Beneficiary avails itself of the DERA Option described in Appendix D-2, that Beneficiary may submit its DERA Quarterly Programmatic Reports in satisfaction of its obligations under this Paragraph as to those Eligible Mitigation Actions funded through the DERA Option. The Trustee shall post each semiannual report on the State Trust's public-facing website upon receipt."

DEEP shall, in the semiannual report following the Trustee's initial disbursement of funds as directed by DEEP, describe the progress implementing this Eligible Mitigation Action that will include a summary of all costs expended on the Eligible Mitigation action through the reporting date. The report will also include a complete description of the status, development, implementation (including project schedule and milestone updates), and any modification to the projects under this Eligible Mitigation Action.

**ATTACHMENT D**

**DETAILED COST ESTIMATES FROM SELECTED OR POTENTIAL VENDORS FOR EACH  
PROPOSED EXPENDITURE EXCEEDING \$25,000**



**H.I. Stone & Son, Inc. Class 8 Diesel Truck Replacement (Attachment D-2)**

<b>Vehicle Class</b>	<b>Vehicle Type</b>	<b>Engine Make</b>	<b>Engine Model</b>	<b>Model year (MY)</b>	<b>Fuel</b>	<b>Cost</b>
Class 8	Dump Truck	Mack	MP8-455M	2019	Diesel	\$202,000
Class 8	Dump Truck	Mack	MP8-455M	2019	Diesel	\$202,000
Class 8	Tractor	Mack	MP8-455C	2020	Diesel	\$140,000
Class 8	Tractor	Mack	MP8-455C	2020	Diesel	\$140,000
Class 8	Dump Truck	Mack	MP8-455M	2019	Diesel	\$255,000
Class 8	Tank Truck	Paccar	TBD	2019	Diesel	\$136,900
Class 8	Tank Truck	Paccar	TBD	2019	Diesel	\$136,900
<b>Total</b>						<b>\$1,212,800</b>

**USA Hauling & Recycling Class 8 Diesel Truck Replacement (Attachment D-3)**

<b>Vehicle Class</b>	<b>Vehicle Type</b>	<b>Engine Make</b>	<b>Engine Model</b>	<b>Model year (MY)</b>	<b>Fuel</b>	<b>Cost</b>
Class 8	Kenworth T880 Tractor	Cummins	ISX12 G 400	2020	CNG	\$190,000
Class 8	Kenworth T880 Tractor	Cummins	ISX12 G 400	2020	CNG	\$190,000
Class 8	Kenworth T880 Tractor	Cummins	ISX12 G 400	2020	CNG	\$190,000
Class 8	Kenworth T880 Tractor	Cummins	ISX12 G 400	2020	CNG	\$190,000
Class 8	Kenworth T880 Tractor	Cummins	ISX12 G 400	2020	CNG	\$190,000
Class 8	Kenworth T880 Tractor	Cummins	ISX12 G 400	2020	CNG	\$190,000
Class 8	Kenworth T880 Tractor	Cummins	ISX12 G 400	2020	CNG	\$190,000
Class 8	Peterbilt 520 Automated Truck	Cummins	ISX12N 350R	2020	CNG	\$345,000
Class 8	Peterbilt 520 Automated Truck	Cummins	ISX12N 350R	2020	CNG	\$345,000
Class 8	Peterbilt 520 Automated Truck	Cummins	ISX12N 350R	2020	CNG	\$345,000
Class 8	Peterbilt Model 520 Rear Loader	Cummins	ISX12N 350R	2020	CNG	\$350,000
Class 8	Peterbilt Model 520 Rear Loader	Cummins	ISX12N 350R	2020	CNG	\$350,000
Class 8	Peterbilt Model 520 Rear Loader	Cummins	ISX12N 350R	2020	CNG	\$350,000
Class 8	Peterbilt Model 520 Rear Loader	Cummins	ISX12N 350R	2020	CNG	\$350,000
Class 8	Peterbilt Model 520 Rear Loader	Cummins	ISX12N 350R	2020	CNG	\$350,000

Class 8	Peterbilt 520 Split Body Automated Truck	Cummins	ISX12N 350R	2020	CNG	\$396,000
Total						<b>\$4,511,000</b>

See attached vendor cost estimates for Bozzuto's, H.I. Stone & Son, and USA Hauling & Recycling Class 8 trucks.

**ATTACHMENT D-1**

**VENDOR ESTIMATE FOR BOZZUTO'S**



Prepared for:  
 BOB HAMILTON  
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 275 SCHOOLHOUSE RD  
 CHESHIRE, CT 06410  
 Phone: 2032505511

Prepared by:  
 Steve Farley  
 SOUTHERN CONNECTICUT FTL  
 15 EAST INDUSTRIAL ROAD  
 BRANFORD, CT 06405  
 Phone:

## S P E C I F I C A T I O N   P R O P O S A L

Data Code	Description	Weight Front	Weight Rear	Retail Price
<b>Price Level</b>				
PRL-18K	NEW CASCADIA PRL-18K (EFF:04/17/2018)			STD
<b>Data Version</b>				
DRL-014	SPECPRO21 DATA RELEASE VER 014			N/C
<b>Vehicle Configuration</b>				
001-235	NEW CASCADIA 126 INCH DAY CAB	8,955	6,969	\$194,525.00
004-220	2020 MODEL YEAR SPECIFIED			N/C
002-002	SET BACK AXLE - TRACTOR			STD
003-001	LH PRIMARY STEERING LOCATION			STD
<b>General Service</b>				
AA1-001	TRACTOR/TRAILER CONFIGURATION			STD
AA6-001	DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)			STD
A85-005	LINEHAUL/LONG HAUL SERVICE			STD
A84-1GF	GENERAL FREIGHT BUSINESS SEGMENT			STD
AA4-001	GENERAL FREIGHT COMMODITY			STD
AA5-002	TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS			STD
AB1-008	MAXIMUM 8% EXPECTED GRADE			STD
AB5-001	SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE			STD
995-1AD	FREIGHTLINER LEVEL I WARRANTY			STD
A66-99D	EXPECTED FRONT AXLE(S) LOAD : 12500.0 lbs			
A68-99D	EXPECTED REAR DRIVE AXLE(S) LOAD : 40000.0 lbs			
A63-99D	EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 52500.0 lbs			
A70-99D	EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs			



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Data Code	Description	Weight Front	Weight Rear	Retail Price
<b>Truck Service</b>				
AF3-2CR	TRACTOR ONLY WITH NO BODY UPFIT			STD
<b>Tractor Service</b>				
AA2-002	FRONT EXTERNAL REEFER VAN TRAILER			N/C
AH6-001	SINGLE (1) TRAILER			STD
<b>Engine</b>				
101-2YF	DETROIT DD15 14.8L 455 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM			\$582.00
<b>Electronic Parameters</b>				
79A-070	70 MPH ROAD SPEED LIMIT			N/C
79B-011	CRUISE CONTROL SPEED LIMIT 2 MPH LOWER THAN ROAD SPEED LIMIT, WITH AUTO RESUME AFTER SHIFT			N/C
79D-100	1600 RPM LIMIT FOR LOW GEARS, 1700 RPM LIMIT FOR MIDDLE GEARS, 1900 RPM LIMIT FOR HIGH GEARS			N/C
79F-013	FLEET MANAGEMENT - DAILY ENGINE USAGE ENABLED			N/C
79G-004	4 MINUTES IDLE SHUTDOWN WITH CLUTCH AND SERVICE BRAKE OVERRIDE			N/C
80C-012	ENGINE BRAKE WITH GLOBAL CRUISE CONTROL ENABLED			N/C
<b>Engine Equipment</b>				
99C-017	2016 ONBOARD DIAGNOSTICS/2010 EPA/CARB/FINAL GHG17 CONFIGURATION			STD
99D-011	2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)			\$112.00
13E-001	STANDARD OIL PAN			STD
105-001	ENGINE MOUNTED OIL CHECK AND FILL			STD
133-004	ONE PIECE VALVE COVER			STD
014-1CT	DUAL SIDE OF HOOD AIR INTAKE WITH ENGINE MOUNTED AIR CLEANER			STD
124-1D7	DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE			STD
292-1AU	(4) ALLIANCE MODEL 7T31, GROUP 31, 12 VOLT MAINTENANCE FREE 2920 CCA THREADED STUD BATTERIES			STD
290-060	PLASTIC BATTERY BOX MOUNTED BETWEEN RAILS	-100	50	\$882.00
282-014	BATTERY BOX(ES) MOUNTED IN RAIL BACK OF CAB			N/C



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Data Code	Description	Weight Front	Weight Rear	Retail Price
291-017	WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN			STD
289-006	PLASTIC BATTERY BOX COVER			STD
293-058	POSITIVE LOAD DISCONNECT WITH CAB MOUNTED CONTROL SWITCH MOUNTED OUTBOARD DRIVER SEAT	8		\$247.00
306-015	PROGRESSIVE LOW VOLTAGE DISCONNECT AT 12.3 VOLTS FOR DESIGNATED CIRCUITS			STD
180-1AP	DETROIT HEAVY DUTY AUTOMATED MANUAL TRANSMISSION CLUTCH			STD
107-044	BW MODEL BA-921 19.0 CFM SINGLE CYLINDER AIR COMPRESSOR WITH SAFETY VALVE			STD
108-002	STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR			STD
131-013	AIR COMPRESSOR DISCHARGE LINE			STD
152-041	ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM			STD
128-002	JACOBS COMPRESSION BRAKE			STD
016-1C3	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH HORIZONTAL TAILPIPE			STD
28F-014	ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND VIRTUAL REGENERATION REQUEST SWITCH IN CLUSTER			STD
239-001	STANDARD EXHAUST SYSTEM LENGTH			STD
237-052	RH STANDARD HORIZONTAL TAILPIPE			STD
23U-003	23 GALLON DIESEL EXHAUST FLUID TANK	15	5	\$158.00
30N-003	100 PERCENT DIESEL EXHAUST FLUID FILL			\$32.00
43Y-004	STANDARD DEF TANK CAP BEHIND KICKPLATE			\$58.00
273-058	AIR POWERED ON/OFF ENGINE FAN CLUTCH			STD
276-001	AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED			STD
110-068	DDC SUPPLIED ENGINE MOUNTED FUEL FILTER/FUEL WATER SEPARATOR WITH WATER-IN-FUEL INDICATOR			STD
118-001	FULL FLOW OIL FILTER			STD
266-1C1	1400 SQUARE INCH FUEL ECONOMY RADIATOR			STD
103-039	ANTIFREEZE TO -34F, OAT (NITRITE AND SILICATE FREE) EXTENDED LIFE COOLANT			STD
171-007	GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT			STD
172-007	GATES POWERGRIP SHRINK BAND HOSE CLAMPS WHERE POSSIBLE			\$169.00



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Data Code	Description	Weight Front	Weight Rear	Retail Price
270-019	HDEP VARIABLE SPEED COOLANT PUMP AND RADIATOR DRAIN VALVE			STD
168-002	LOWER RADIATOR GUARD			STD
138-005	PHILLIPS-TEMRO 1500 WATT/115 VOLT BLOCK HEATER	4		\$115.00
140-022	CHROME ENGINE HEATER RECEPTACLE MOUNTED UNDER LH DOOR			\$6.00
134-001	ALUMINUM FLYWHEEL HOUSING			STD
155-075	MITSUBISHI 12V MOD 3.175-DP60 STARTER WITH INTEGRATED MAGNETIC SWITCH			STD
<b>Transmission</b>				
342-2AV	DT12-1650-OH1 HEAVY DUTY 12-SPEED OVERDRIVE AUTOMATED MANUAL TRANSMISSION			\$269.00
<b>Transmission Equipment</b>				
343-2BH	DT12 ECONOMY PACKAGE: ECONOMY ONLY, NO ICU CONTROL MENUS, NO KICKDOWN			STD
85J-004	REVERSE GEAR RANGE LIMITED TO 2ND GEAR			STD
85P-998	NO PTO TRANSMISSION RANGE			STD
347-002	ALUMINUM CLUTCH HOUSING			STD
341-017	MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION FILL AND DRAIN, AXLE(S) FILL AND DRAIN			STD
345-078	HEAVY DUTY ELECTRONIC TRANSMISSION SHIFT CONTROL, COLUMN MOUNTED			STD
370-002	AIR TO OIL TRANSMISSION COOLER			STD
35T-003	SYNTHETIC TRANSMISSION LUBE			STD
<b>Front Axle and Equipment</b>				
400-1G1	DETROIT DA-F-12.5-3 12,500# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE			\$50.00
402-075	BENDIX ADB22X-AIR DISC FRONT BRAKES	60		\$80.00
403-043	2011/2013-FMVSS 121 RSD FRONT BRAKE LINING			STD
419-004	FRONT DISC BRAKE ROTORS			STD
409-006	FRONT OIL SEALS			STD
408-001	VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL			STD
416-022	STANDARD SPINDLE NUTS FOR ALL AXLES			STD
405-030	FRONT AIR DISC BRAKE INTERNAL ADJUSTERS			STD
536-050	TRW THP-60 POWER STEERING			STD
539-003	POWER STEERING PUMP			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
534-015	2 QUART SEE THROUGH POWER STEERING RESERVOIR			STD
40T-002	SYNTHETIC 75W-90 FRONT AXLE LUBE			STD
<b>Front Suspension</b>				
620-1D8	13,300# TAPERLEAF FRONT SUSPENSION	10		\$135.00
619-005	MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION			STD
410-001	FRONT SHOCK ABSORBERS			STD
<b>Rear Axle and Equipment</b>				
420-1T8	DETROIT DA-RT-40.0-4S HH 40,000# R-SERIES TANDEM REAR AXLE			STD
N 421-308	3.08 REAR AXLE RATIO <b>2.92</b>			STD
424-003	IRON REAR AXLE CARRIER WITH OPTIONAL HEAVY DUTY AXLE HOUSING		40	\$351.00
386-067	RPL25SD MERITOR MAIN DRIVELINE			\$633.00
388-039	RPL20 MERITOR INTERAXLE DRIVELINE			STD
878-019	(1) INTERAXLE LOCK VALVE FOR TANDEM OR TRIDEM DRIVE AXLES			STD
87A-012	INDICATOR LIGHT FOR EACH INTERAXLE LOCKOUT SWITCH WITH IAD FEEDBACK			STD
423-075	BENDIX ADB22X AIR DISC REAR BRAKES			\$242.00
433-043	2011/2013-FMVSS 121 RSD REAR BRAKE LININGS			STD
434-003	STANDARD BRAKE CHAMBER LOCATION			STD
451-005	REAR DISC BRAKE ROTORS			STD
440-006	REAR OIL SEALS			STD
426-094	AIR DISC LONGSTROKE 2-DRIVE AXLES SPRING PARKING CHAMBERS			STD
428-030	REAR AIR DISC BRAKE INTERNAL ADJUSTERS			STD
41T-006	FE 75W-85 REAR AXLE LUBE			STD
42T-001	STANDARD REAR AXLE BREATHER(S)			STD
<b>Rear Suspension</b>				
622-218	AIRLINER 40,000# EXTRA DUTY REAR SUSPENSION		160	\$393.00
621-007	AIRLINER HIGH POSITION RIDE HEIGHT			STD
431-005	RESTRAINED AXLE SEATS IN AXLE CLAMP GROUP			N/C
624-016	51 INCH AXLE SPACING			STD
888-047	MANUAL DUMP VALVE FOR AIR SUSPENSION WITHOUT GAUGE			STD
87D-007	INDICATOR LIGHT AND BUZZER FOR EACH REAR SUSPENSION CONTROL SWITCH			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
910-001	SINGLE AIR REAR SUSPENSION LEVELING VALVE			STD
623-002	TRANSVERSE CONTROL RODS			STD
439-005	REAR SHOCK ABSORBERS - TWO AXLES (TANDEM) (AIR RIDE SUSPENSION)			STD
<b>Brake System</b>				
490-115	WABCO 6S/4M ABS WITH HILL START AID AND TRACTION CONTROL WITH ATC SHUT OFF SWITCH			STD
871-001	REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES			STD
904-001	FIBER BRAID PARKING BRAKE HOSE			STD
412-002	BENDIX BRAKE VALVES WHERE POSSIBLE			N/C
413-002	STD U.S. FRONT BRAKE VALVE			STD
432-003	RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE			STD
480-088	WABCO SYSTEM SAVER HP WITH INTEGRAL AIR GOVERNOR AND HEATER			N/C
483-004	WABCO OIL COALESCING FILTER FOR AIR DRYER			STD
479-015	AIR DRYER FRAME MOUNTED			STD
460-093	STEEL AIR BRAKE RESERVOIRS; CUSTOMER ACCEPTS TANKS MOUNTED PERPENDICULAR TO RAIL	10	10	N/C
46A-040	(1) 700 CUBIC INCH ALUMINUM TRANSMISSION AIR TANK, INLET CHECK VALVE			STD
477-004	PULL CABLES ON ALL AIR RESERVOIR(S)			STD
<b>Trailer Connections</b>				
481-067	15 FOOT STRAIGHT TRAILER AIR HOSE IN TECTRAN 169F-01 3-IN-1 AIRPOWER LINE	5		(\$61.00)
476-002	36 INCH STAINLESS STEEL SLIDE BAR WITH SPRING TYPE AIR HOSE HANGER			STD
484-032	COMBINATION DUMMY GLAD HANDS AND LIGHT PLUG HOLDER MOUNTED LH BACK OF CAB WITH GROUND ACCESS			STD
296-010	PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION			STD
297-027	SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED LOWER LH BACK OF CAB			STD
310-090	15 FOOT TECTRAN 169157 AIRPOWER LINE DETACHABLE STRAIGHT PRIMARY TRAILER CABLE	2		\$203.00



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Data Code	Description	Weight Front	Weight Rear	Retail Price
<b>Wheelbase &amp; Frame</b>				
545-462	4625MM (182 INCH) WHEELBASE			N/C
546-1C2	8.0MM X 88.0MM X 281.0MM STEEL FRAME (0.31X3.46X11.06 INCH) 120 KSI	110	60	\$427.00
552-012	1450MM (57 INCH) REAR FRAME OVERHANG			N/C
55W-005	FRAME OVERHANG RANGE: 51 INCH TO 60 INCH			N/C
AC8-99D	CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 107.0 in			
AE8-99D	CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 101.41 in			
AE4-99D	CALC'D FRAME LENGTH - OVERALL : 271.67			
AM6-99D	CALC'D SPACE AVAILABLE FOR DECKPLATE : 76.98 in			
FSS-0LH	CALCULATED FRAME SPACE LH SIDE : 0.67 in			N/C
FSS-0RH	CALCULATED FRAME SPACE RH SIDE : 42.56 in			N/C
553-002	FLANGED TAPERED END OF FRAME			STD
550-001	FRONT CLOSING CROSSMEMBER			STD
559-003	LIGHTWEIGHT HEAVY DUTY ALUMINUM ENGINE CROSSMEMBER			STD
562-001	STANDARD MIDSHIP #1 CROSSMEMBER(S)			STD
572-001	STANDARD REARMOST CROSSMEMBER			STD
565-002	HEAVY DUTY SUSPENSION CROSSMEMBER		30	N/C
<b>Chassis Equipment</b>				
674-001	LH BACK OF CAB ACCESS			STD
592-056	35 INCH (875MM) DECK PLATE FLUSH MOUNTED BETWEEN RAILS	8	7	\$136.00
556-1G3	PAINTED AERODYNAMIC BUMPER WITH CHROME OVERLAY AND ENHANCED AERODYNAMIC DEVICES	32		\$385.00
558-033	REMOVABLE FRONT TOW HOOKS STORED ON THE CHASSIS FRAME	25		\$73.00
574-007	BUMPER MOUNTING FOR (3) LICENSE PLATES			STD
585-1A8	BETTS B-60S STAINLESS STEEL MUDFLAP BRACKETS		20	\$179.00
590-998	NO REAR MUDFLAPS		-15	(\$18.00)
586-015	FRONT ANTI-SPRAY CAB MOUNTED MUDFLAPS			STD
551-002	HUCK-SPIN ROUND COLLAR CHASSIS FASTENERS			STD
583-074	PLASTIC QUARTER FENDERS WITHOUT LOGO WITH AERODYNAMIC SPOILER		25	\$162.00
<b>Fifth Wheel</b>				



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Data Code	Description	Weight Front	Weight Rear	Retail Price	
578-1JF	HOLLAND FW35 ILS 12.0 INCH AIR SLIDE FIFTH WHEEL - 2 INCH SLIDE INCREMENTS		-35	\$292.00	
577-203	FIFTH WHEEL 203MM (08.0 INCHES) AHEAD OF SUSPENSION CENTERLINE			N/C	
582-075	194MM (7.62 INCH) FIFTH WHEEL HEIGHT			N/C	
570-001	OUTBOARD ANGLE - FIFTH WHEEL MOUNTING			STD	
890-001	DASH MOUNTED CONTROL VALVE AND PLUMBING FOR FIFTH WHEEL			STD	
579-008	INSIDE CAB MOUNTED LH AIR-ACTUATED KING PIN RELEASE FOR FONTAINE/HOLLAND/JOST FIFTH WHEELS		10	\$362.00	
<b>Fuel Tanks</b>					
*	206-151	60 GAL FUEL TANK		\$90.00	
	204-157	110 GALLON/416 LITER ALUMINUM FUEL TANK - LH	15	\$175.00	
	218-006	25 INCH DIAMETER FUEL TANK(S)		STD	
	215-005	PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS		STD	
N	212-014	LH FUEL TANK MOUNTED FORWARD, RH FUEL TANK MOUNTED AFT	30	-30	\$236.00
	664-001	PLAIN STEP FINISH		STD	
	207-005	FUEL TANK FILLER NECK ANTI-SIPHON INSERT		\$66.00	
	205-001	FUEL TANK CAP(S)		STD	
	122-1J4	DAVCO 485 FUEL/WATER SEPARATOR WITH 12 VOLT PREHEATER W/ESOC	10	\$715.00	
	216-020	EQUIFLO INBOARD FUEL SYSTEM		STD	
	11F-998	NO NATURAL GAS VEHICLE FUEL TANK VENT LINE/STACK		STD	
	202-016	HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		STD	
<b>Tires</b>					
	093-2KR	MICHELIN X MULTI ENERGY Z 275/80R22.5 16 PLY RADIAL FRONT TIRES	8	\$88.00	
	094-2DG	MICHELIN X MULTI ENERGY D 275/80R22.5 14 PLY RADIAL REAR TIRES		104	\$264.00
<b>Hubs</b>					
	418-058	CONMET PRESET PLUS PREMIUM ALUMINUM FRONT HUBS		STD	
	450-058	CONMET PRESET PLUS PREMIUM ALUMINUM REAR HUBS		STD	
<b>Wheels</b>					





Prepared for:  
 BOB HAMILTON  
 BOZZUTOS INC  
 275 SCHOOLHOUSE RD  
 CHESHIRE, CT 06410  
 Phone: 2032505511

Prepared by:  
 Steve Farley  
 SOUTHERN CONNECTICUT FTL  
 15 EAST INDUSTRIAL ROAD  
 BRANFORD, CT 06405  
 Phone:

Data Code	Description	Weight Front	Weight Rear	Retail Price
502-1DD	ALCOA ULTRA ONE ULTRAX 22.5X8.25 10-HUB PILOT 5.79 INSET ALUMINUM DISC FRONT WHEELS	-60		\$376.00
505-1DD	ALCOA ULTRA ONE ULTRAX 22.5X8.25 10-HUB PILOT ALUMINUM DISC REAR WHEELS		-240	\$1,504.00
524-022	POLISHED DISC SIDE FRONT WHEELS WITH DURA-BRIGHT FINISH			\$170.00
525-023	POLISHED OUTER (DISHED SIDE) REAR WHEELS WITH OUTER ONLY DURA-BRIGHT FINISH			\$400.00
52M-001	FRONT TIRE/DISC WHEEL STATIC BALANCING WITH LEAD-FREE WEIGHTS			\$19.00
496-011	FRONT WHEEL MOUNTING NUTS			STD
497-011	REAR WHEEL MOUNTING NUTS			STD
<b>Cab Exterior</b>				
829-111	126 INCH BBC ALUMINUM CONVENTIONAL CAB			STD
653-004	RH CAB DOOR(S) WITH 70 DEGREE DOOR STOP			STD
651-004	LH CAB DOOR(S) WITH 70 DEGREE DOOR STOP			STD
784-084	DAY CAB FE13 FACTORY PAINTED & INSTALLED ROOF FAIRING, BACKWALL BRACKETS PAINTED BLACK	100	25	\$2,671.00
783-023	12 INCH CAB/SLEEPER CAB SIDE EXTENDERS WITH BLACK FLEXIBLE ENDS AND CHASSIS FAIRING GAP FILLER PANEL	35	30	\$722.00
82A-011	UNDER CAB VANITY PANELS			N/C
782-026	PAINTED FRAME SIDE FAIRINGS TO BACK OF SIDE EXTENDERS	60	30	\$2,610.00
770-001	AERODYNAMIC SKIRT FOR CHASSIS FAIRINGS			\$254.00
650-008	AIR CAB MOUNTING			STD
648-002	NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE			STD
678-053	INTERIOR GRAB HANDLES WITH ADDED LOWER LH AND RH A PILLAR GRAB HANDLES			STD
646-010	CHROME GRILLE WITH INTEGRAL SURROUND			\$125.00
65X-007	BLACK HOOD MOUNTED AIR INTAKE GRILLE WITH BRIGHT ACCENT			\$36.00
644-001	AERODYNAMIC HOOD			STD
652-026	NEW CASCADIA NAMEPLATE			STD
727-1AY	SINGLE AIR HORN UNDER LH DECK			(\$45.00)
726-001	SINGLE ELECTRIC HORN			STD
657-1A0	ALL UNIT(S) KEYED ALIKE WITH CUSTOMER SPECIFIED KEY NUMBER FT1013			\$43.00
* 575-002	LIC PLATE MOUNTING BOC			\$128.00



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Data Code	Description	Weight Front	Weight Rear	Retail Price
312-075	LED LOW BEAM AND HIGH BEAM HEADLIGHTS			STD
302-073	VISOR MOUNTED LED MARKER LIGHTS			N/C
315-070	LED FOG LIGHTS	6		\$208.00
311-001	DAYTIME RUNNING LIGHTS			STD
294-050	FREIGHTLINER LED STOP/TAIL/TURN/BACKUP LIGHTS BY TRUCK-LITE		5	\$23.00
300-043	LED SIDE TURN SIGNAL			STD
318-1D7	(2) FLUSH LED UTILITY LIGHTS MOUNTED BACK OF CAB/SLEEPER			\$35.00
744-1E5	DUAL BRIGHT FINISH HEATED AERODYNAMIC MIRRORS WITH INTEGRAL CONVEX AND LH AND RH REMOTE			\$151.00
797-001	DOOR MOUNTED MIRRORS			STD
74A-001	RH DOWN VIEW MIRROR			STD
74B-1B8	RH AND LH HEATED BRIGHT FINISH HOOD/FENDER MOUNTED MIRRORS	8		\$230.00
729-001	STANDARD SIDE/REAR REFLECTORS			STD
73A-002	REAR REFLECTIVE DEVICE			STD
764-016	EXTERIOR SUN VISOR	12		\$230.00
768-059	(2) 28X22 INCH SOLAR TINTED REAR WINDOWS			STD
661-016	SOLAR TINTED DOOR GLASS LH AND RH WITH TINTED FORWARD SIDE GLASS			STD
654-011	RH AND LH ELECTRIC POWERED WINDOWS			STD
663-019	1-PIECE TINTED ROPED-IN WINDSHIELD			STD
659-007	8 LITER WINDSHIELD WASHER RESERVOIR, CAB MOUNTED, WITHOUT FLUID LEVEL INDICATOR			STD

**Cab Interior**

707-1D8	SLATE GRAY UP LEVEL INTERIOR			\$173.00
70K-011	SLATE GRAY WITH OREGON ASH WOODGRAIN HARD TRIM			N/C
706-034	STANDARD LH DOOR TRIM			STD
708-034	STANDARD RH DOOR TRIM			STD
772-001	BLACK MATS			STD
785-014	(2) DASH MOUNTED POWER OUTLETS AND COIN TRAY			(\$13.00)
691-006	FORWARD ROOF MOUNTED CONSOLE WITH DOORS RH AND LH	2		N/C
693-019	LH AND RH DOOR STORAGE POCKETS INTEGRATED INTO MOLDED DOOR PANELS			STD
741-015	(2) COAT HOOKS ON BACKWALL OF CAB			STD
738-021	DIGITAL ALARM CLOCK IN DRIVER DISPLAY			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
680-036	WING DASH WITH E-VAULT			STD
720-003	5 LB. FIRE EXTINGUISHER	10		\$57.00
700-014	HEATER, DEFROSTER AND AIR CONDITIONER WITH CONSTANT OUTLET TEMPERATURE CONTROL			STD
701-002	HVAC DUCTING WITH MAIN FRESH AIR FILTER			STD
703-005	MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH			STD
170-045	STANDARD HEATER PLUMBING WITH BALL SHUTOFF VALVES AT SUPPLY LINES ONLY			\$17.00
130-033	DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR			STD
698-001	RADIATOR MOUNTED AIR CONDITIONER CONDENSER			STD
702-002	BINARY CONTROL, R-134A			STD
739-033	STANDARD INSULATION			STD
285-013	SOLID-STATE CIRCUIT PROTECTION AND FUSES			STD
280-007	12V NEGATIVE GROUND ELECTRICAL SYSTEM			STD
324-1B2	PREMIUM LED CAB LIGHTING			\$130.00
655-005	LH AND RH ELECTRIC DOOR LOCKS			\$93.00
64C-003	BLACK DOOR HANDLES			STD
722-002	TRIANGULAR REFLECTORS WITHOUT FLARES	10		\$28.00
756-1J6	PREMIUM 2.0 HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 2 AIR LUMBAR, INTEGRATED CUSHION EXTENSION, TILT AND ADJUSTABLE SHOCK			\$23.00
760-1J4	BASIC 2.0 HIGH BACK NON SUSPENSION PASSENGER SEAT			STD
757-001	BLACK SUSPENSION COVER FOR AIR DRIVER SEAT	2		\$16.00
759-007	DUAL DRIVER SEAT ARMRESTS, NO PASSENGER SEAT ARMRESTS	4		\$62.00
758-039	MORDURA CLOTH DRIVER SEAT			\$45.00
761-039	MORDURA CLOTH PASSENGER SEAT			\$45.00
763-1AB	3 POINT HIGH VISIBILITY ORANGE ADJUSTABLE D-RING RETRACTOR DRIVER AND FIXED D-RING RETRACTOR PASSENGER SEAT BELTS			(\$11.00)
532-002	ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN			STD
540-044	4-SPOKE 18 INCH (450MM) BLACK STEERING WHEEL WITH SWITCHES			STD
765-002	DRIVER AND PASSENGER INTERIOR SUN VISORS			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
<b>Instruments &amp; Controls</b>				
106-004	ELECTRONIC ACCELERATOR CONTROL WITH KICKDOWN FEATURE			STD
734-018	STANDARD CENTER INSTRUMENT PANEL			STD
870-001	BLACK GAUGE BEZELS			STD
486-001	LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM			STD
840-001	DUAL NEEDLE PRIMARY AND SECONDARY AIR PRESSURE GAUGE			STD
198-025	INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS			STD
149-045	ELECTRONIC CRUISE CONTROL WITH INTELLIGENT POWERTRAIN MANAGEMENT AND CONTROLS ON STEERING WHEEL SPOKES			STD
156-007	KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY			STD
811-044	PREMIUM INSTRUMENT CLUSTER WITH 5.0 INCH TFT COLOR DISPLAY			STD
81B-003	DIGITAL PANEL LAMP DIMMER SWITCH IN DRIVER DISPLAY			STD
160-039	(1) HEAVY DUTY ONBOARD DIAGNOSTICS INTERFACE CONNECTOR LOCATED BELOW LH DASH AND (1) SAE J1939 DIAGNOSTIC INTERFACE CONNECTOR LOCATED CENTER OF DASH			\$10.00
844-022	ELECTRIC FUEL GAUGE WITH SSI ELECTRONIC FUEL SENDER			\$83.00
845-011	FUEL FILTER RESTRICTION INDICATOR			STD
148-085	EMISSIONS LIMITED IDLE ADJUST			STD
866-019	DIGITAL DUAL REAR AXLE TEMPERATURE IN DRIVER DISPLAY WITH SENSOR SHIELDS			\$108.00
856-001	ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE			STD
854-008	DIGITAL ENGINE OIL TEMPERATURE IN DRIVER DISPLAY			STD
864-022	DIGITAL TRANSMISSION OIL TEMPERATURE IN DRIVER DISPLAY			\$10.00
867-004	ELECTRONIC OUTSIDE TEMPERATURE SENSOR DISPLAY IN DRIVER MESSAGE CENTER			STD
830-031	ENGINE, TRIP AND PTO HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
736-1A2	DETROIT ASSURANCE COLLISION WARNING, ADAPTIVE CRUISE CONTROL AND ACTIVE BRAKE ASSIST 4 WITH FIXED HEADWAY CONTROL	20		STD
73K-001	BENDIX SIDE OBJECT DETECTION SYSTEM	10		\$524.00
49B-004	ELECTRONIC STABILITY CONTROL			STD
73B-029	DETROIT ASSURANCE LANE DEPARTURE WARNING SYSTEM WITH 15 MINUTE OFF TIMEOUT DASH SWITCH	10		\$1,080.00
852-002	ELECTRIC ENGINE OIL PRESSURE GAUGE			STD
786-086	CADEC SYSTEM PREWIRE (CONSTANT BATTERY POWER/IGNITION/GROUND/J1939-250K); RP1226 TYPE CONNECTOR AT PASSENGER SIDE OF DASH END FOR CUSTOMER INSTALLATION	5		\$8.00
746-1B4	AM/FM/WB WORLD TUNER RADIO WITH CD PLAYER, BLUETOOTH, IPOD INTERFACE, USB AND AUXILIARY INPUTS, J1939	10		\$554.00
747-001	DASH MOUNTED RADIO			N/C
750-041	STANDARD SPEAKER SYSTEM			N/C
753-045	AM/FM/WB ANTENNA RH SIDE OF CAB			STD
748-006	POWER AND GROUND WIRING PROVISION OVERHEAD			STD
749-001	ROOF/OVERHEAD CONSOLE CB RADIO PROVISION			STD
752-043	SINGLE LH SIDE OF CAB MOUNTED CB ANTENNA WITH HEAVY DUTY (RG8) COAX CABLES			\$14.00
810-027	ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER			STD
817-001	STANDARD VEHICLE SPEED SENSOR			STD
812-032	ELECTRONIC 2500 RPM TACHOMETER			STD
813-1C8	DETROIT CONNECT PLATFORM HARDWARE			STD
8D1-105	5 YEARS DETROIT CONNECT BASE PACKAGE (VIRTUAL TECHNICIAN, REMOTE UPDATES, DETROIT CONNECT PORTAL ACCESS) DETROIT CONNECT PLATFORM			STD
162-002	IGNITION SWITCH CONTROLLED ENGINE STOP			STD
81Y-005	PRE-TRIP INSPECTION FEATURE FOR EXTERIOR LAMPS ONLY			\$20.00
264-033	STEERING WHEEL MOUNTED ELECTRIC HORN CONTROL			STD
482-001	BW TRACTOR PROTECTION VALVE			STD
883-001	TRAILER HAND CONTROL BRAKE VALVE			STD



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Data Code	Description	Weight Front	Weight Rear	Retail Price
842-006	DIGITAL TURBO AIR PRESSURE IN DRIVER DISPLAY			N/C
836-015	DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY			STD
660-008	SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY			STD
304-030	ROTARY HEADLAMP SWITCH, MARKER LIGHTS/HEADLIGHTS SWITCH WITH PULL OUT FOR OPTIONAL FOG/ROAD LAMPS			STD
882-021	TWO VALVE PARKING BRAKE SYSTEM WITH DASH VALVE CONTROL AUTONEUTRAL AND WARNING INDICATOR			STD
299-020	SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, HEADLAMP FLASH, WASH/WIPE/INTERMITTENT			(\$6.00)
298-046	INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH 40 AMP (20 AMP PER SIDE) TRAILER LAMP CAPACITY			STD

#### Design

065-000	PAINT: ONE SOLID COLOR			\$1,043.00
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#### Color

980-4K7	CAB COLOR A: L3848EB BLUE MET ELITE BC			N/C
986-020	BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT			STD
987-995	CHASSIS SIDE FAIRINGS PAINTED SAME AS LOWER CAB SECTION OR FENDER			N/C
964-995	BUMPER PAINTED SAME AS FENDERS/LOWER SECTION OF CAB			N/C
976-995	SUNVISOR PAINTED SAME AS CAB COLOR A			N/C
979-995	AERODYNAMIC ROOF DEVICE PAINTED SAME AS CAB COLOR A			N/C

#### Certification / Compliance

996-001	U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS			STD
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#### Sales Programs

NO SALES PROGRAMS HAVE BEEN SELECTED

### TOTAL VEHICLE SUMMARY

#### Adjusted List Price

Adjusted List Price \*\* \$216,816.00



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<b>Weight Summary</b>			
	Weight	Weight	Total
	Front	Rear	Weight
Factory Weight <sup>+</sup>	9451 lbs	7260 lbs	16711 lbs
Total Weight <sup>+</sup>	9451 lbs	7260 lbs	16711 lbs

**ITEMS NOT INCLUDED IN ADJUSTED LIST PRICE**

**Other Factory Charges**

PMU-017	2016 OBD/2010 EPA/CARB/GHG17 ESCALATOR	\$350.00
RD1-105	5 YEARS DETROIT CONNECT BASE PACKAGE (VIRTUAL TECHNICIAN, REMOTE UPDATES, DETROIT CONNECT PORTAL ACCESS)	N/C
P73-2FT	STANDARD DESTINATION CHARGE	\$2,050.00

**Extended Warranty**

WAI-18W	EW4: DD15 HWY. \$0 DEDUCTIBLE 5 YR/500000 MILE. FULL COVERAGE	\$5,100.00
WBB-109	TC2: HD STANDARD 5 YEARS/500,000 MILES / 805,000 KM EXTENDED TRUCK COVERAGE. FEX APPLIES	\$3,200.00
WAG-014	TOWING: 5 YEARS/UNLIMITED MILES/KM EXTENDED TOWING COVERAGE \$550 CAP FEX APPLIES	\$800.00
	Currency Exchange Rate	1.0000
	Total Extended Warranty (Local Currency)	\$9,100.00

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

(\*\*) Prices shown do not include taxes, fees, etc... "Net Equipment Selling Price" is located on the Quotation Details Proposal Report.



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## Q U O T A T I O N

### NEW CASCADIA 126 INCH DAY CAB

SET BACK AXLE - TRACTOR	13,300# TAPERLEAF FRONT SUSPENSION
DETROIT DD15 14.8L 455 HP @ 1625 RPM, 1900 GOV RPM, 1650 LB/FT @ 975 RPM	126 INCH BBC ALUMINUM CONVENTIONAL CAB
DT12-1650-OH1 HEAVY DUTY 12-SPEED OVERDRIVE AUTOMATED MANUAL TRANSMISSION	4625MM (182 INCH) WHEELBASE
DETROIT DA-RT-40.0-4S HH 40,000# R-SERIES TANDEM REAR AXLE	HOLLAND FW35 ILS 12.0 INCH AIR SLIDE FIFTH WHEEL - 2 INCH SLIDE INCREMENTS
AIRLINER 40,000# EXTRA DUTY REAR SUSPENSION	8.0MM X 88.0MM X 281.0MM STEEL FRAME (0.31X3.46X11.06 INCH) 120 KSI
DETROIT DA-F-12.5-3 12,500# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE	1450MM (57 INCH) REAR FRAME OVERHANG

			PER UNIT		TOTAL
VEHICLE PRICE	TOTAL # OF UNITS (50)	\$	106,863	\$	5,343,150
EXTENDED WARRANTY		\$	9,100	\$	455,000
DEALER INSTALLED OPTIONS		\$	0	\$	0
<b>CUSTOMER PRICE BEFORE TAX</b>		<b>\$</b>	<b>115,963</b>	<b>\$</b>	<b>5,798,150</b>

### TAXES AND FEES

FEDERAL EXCISE TAX (FET)	\$	12,553	\$	627,627
TAXES AND FEES	\$	0	\$	0
OTHER CHARGES	\$	0	\$	0

### TRADE-IN

TRADE-IN ALLOWANCE	\$	(0)	\$	(0)	
BALANCE DUE	(LOCAL CURRENCY)	\$	128,516	\$	6,425,777

### COMMENTS:

Projected delivery on \_\_\_ / \_\_\_ / \_\_\_ provided the order is received before \_\_\_ / \_\_\_ / \_\_\_.

### APPROVAL:

Please indicate your acceptance of this quotation by signing below:

Customer: X \_\_\_\_\_ Date: \_\_\_ / \_\_\_ / \_\_\_.

### Daimler Truck Financial

Financing that works for you.

See your local dealer for a competitive quote from Daimler Truck Financial, or contact us at [information@dtffoffers.com](mailto:information@dtffoffers.com).

Daimler Truck Financial offers a variety of finance, lease and insurance solutions to fit your business needs. For more information about our products and services, visit our website at [www.daimler-truckfinancial.com](http://www.daimler-truckfinancial.com).





9/26/2019

Ottawa 4x2 T2

Quote #: MikeAmrhein-20180718-0840

*Bob Hamilton*

Director of Fleet Maintenance

224 Sandbank Road Cheshire, CT 06410

Office 203-250-5511



Reference: Built T2 DOT 4x2

Thank you for considering YardTruck Specialists for your material handling equipment needs. We are pleased to offer the following for your review.

**Model** Ottawa T2 4x2 DOT/EPA

**Quantity** 1

**Options Included In This Proposal:**

<u>Qty</u>	<u>Category</u>	<u>Factory ID</u>	<u>Description</u>
1	Brake	PN-402 (T2)	ABS brake system for on-highway unit.
1	Wheelbase	CH-400 (T2)	116" wheelbase. 14"x4.25"x3.5" steel 50,000 PSI 3/8" formed C-Channel. (RBM: 1,835,000 in/lbs.)

1	Engine	EG-440 (T2)	Cummins B6.7 engine with 200 horsepower @ 2300 rpm, 520 lb/ft torque @ 1600 rpm. OBD, Clean idle certified, electronic and charge air cooled with primary fuel filter/water separator with WIF sensor. (50 state certified. Meets EPA/Carb emissions certifications.)
1	Transmission	TR-008 (T2)	Allison 3000RDS electronic transmission, six speed with MaxiMizer power train system and magnetic drain plug and internal filter. Wet spline PTO. Includes synthetic transmission fluid.
1	Fuel Tank	FS-400 (T2)	50 gallon rectangular step type fuel tank mounted on street side.
1	Front Axle	FA-340 (T2)	Meritor FF-961, 12,000 lbs with 16.5" x 5" brakes. 285mm piloted hubs and automatic slack adjusters.
1	Front Suspension	SU-316 (T2)	Parabolic 3 Leaf spring suspension, rated 14,600 lbs, shackle free, lube free.
1	Rear Axle	RA-403 (T2)	Meritor RS24160 with 7.17:1 ratio. rated @ 30,000 lb. rating at 15 mph or below. 16.5" x 7" brakes, 285mm piloted hubs and automatic slack adjusters.
1	Rear Suspension	SU-314 (T2)	No suspension-bolted direct to frame.
1	Lift Height	CH-560 (T2)	Intermodal operation - 17" lift. Includes frame "L"-reinforcement, lower trough reinforcement, 5" I.D. cylinders with "2" diameter cylinder pins with spherical bearings top and bottom with grease zerks.
1	Fifth Wheel	FW-202 (T2)	Holland FW-35 fifth wheel plate rated at 70,000 pounds with in-cab release.
1	Hydraulic System	FW-556 (T2)	Hydraulic system with constant running wet spline PTO and 10 gallon per minute pump and a 20 gallon hydraulic tank.
1	Tires	TW-430 (T2)	11R22.5 Michelin XZE2 steer and XDA5 drive tires for 4x2. Includes 22.5' X 8.25", 285mm hub piloted wheels.
1	Batteries	EL-601 (T2)	(2) 12 Volt maintenance free 750 CCA batteries.
1	Electrical	EL-600 (T2)	12 volt electrical system - negative ground.
1	Paint	PT-379 (T2)	Special paint options
1	Model Option(s)	AC-504 (T2)	Pre-delivery inspection of the truck before delivery.  --- Includes Steel surcharge \$1,250 ---
1	Cab Option(s)	AC-651 (T2)	Air conditioner.

1	Cab Option(s)	AC-650 (T2)	Cab fan mounted on a bracket located upper right hand side of cab.
1	Chassis	CH-622 (T2)	Rear fenders - Flexible with wide rear bracket for 4x2 (Does not include mudflaps).
1	Chassis	CH-310 (T2)	Bumper magnet-Four foot long that hangs below the front bumper
1	Chassis	CH-600 (T2)	Stair type step mounted on the right hand side the frame. (Not available with dual fuel tanks or 7.35 cu ft air reservoir side mounted tank)
1	Chassis	CH-630 (T2)	Trailer stops for cab protection.
1	Chassis	CH-574 (T2)	Lincoln Lube autolube lube system for 4x2.
1	Engine Option(s)	EG-451 (T2)	Engine block heater.
1	Engine Option(s)	EG-363 (T2)	Cummins fuel water separator with heater.
1	Lighting	AC-626 (T2)	Amber strobe light (ECCO 6570) wired through ignition switch. Mounted on bracket located at roof level at the right rear of the cab.
1	Mirror	AC-237 (T2)	8" Convex mirrors mounted on mirror arms below the standard mirrors.
1	Mirror	AC-334 (T2)	Moto mirrors, both heated, right side remote control, left side manual.
1	Paint Option(s)	PT-510 (T2)	Special color cab only. (must be one of the following colors - RAL 1037 Yellow - RAL 3000 Red - RAL 3002 Red - RAL 9003 White - P7241 White).
1	Pneumatic	PN-364 (T2)	Meritor Wabco "1200" air dryer.
1	Pneumatic	PN-400 (T2)	Trailer hose holder mounted mid high on cab for electrical and air lines.

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#### Standard Features

Modular frame design.  
Reinforced removable bumper with 55 degree taper curbside.  
Cummins B6.7 - 200HP DOT/EPA.  
DEF based emission control.  
Air restriction indicator mounted under hood.  
Allison 3000RDS with MaxiMizer fuel reduction system with push button shifter.  
Automatic front and rear slack adjusters.  
Meritor FF-961 12,000 lbs. capacity with "S" cam type 16.5" x 5" brakes.  
Meritor RS-24-160 30,000 lbs. rated with 7.17 : 1 ratio with "S" cam type 16.5" x 7" brakes.

Front suspension: Parabolic 3-leaf, lube free, shackle free.  
Rear suspension: Solid mount.  
Mudflaps behind drive axle.  
11R22.5 Radial highway thread with hub piloted 8.25" x 22.5" steel disc wheels.  
Integral gear type steering with mechanical back-up.  
Cab with Roll-Over protection structure (ROPS), aluminum sliding rear door and interior LED dome lights.  
Three point cab mounting with air suspension.  
Integral heating/ventilation system with three vents for driver, 4 front and 2 side defrost vents and 40,000 BTU heater/defroster.  
Tinted glass all windows. (Laminated solar grey in rear only)  
Air ride seat with isolator and 2 point retractable seat belt.  
Digital instrument cluster: Air pressure, fuel level, hour meter, odometer, speedometer and critical situations indicators.  
Mounting plate integrated into dash for yard management system, power/ground studs available under the mounting plate.  
Electric pantograph windshield wipers.  
Suspended brake and throttle pedals.  
West coast 16" x 7" mirrors.  
Headlights, front park/turning, marker lights, rear park/stop/reverse/license plate lights.  
12 Volt electrical system with 130 amp alternator.  
Two 12 Volt low maintenance batteries.  
Two color coded and coiled air lines with glad hand couplers.  
7 wire receptacle at rear of cab.  
7 wire green coiled trailer light cable.  
Holland FW-35 with 70,000 lb. rating.  
"Quick Lift" hydraulic system, 17" lift with upper and lower spherical bearings.  
Wet spline PTO, 10 GPM pump and 20 gallon tank with sight glass.  
Constant running PTO/Pump with priority steering circuit.  
18.7 CFM Wabco compressor with three air reservoirs and total capacity 5,444 cu.in.  
Color coded air lines and split air brake system.  
Electric back-up alarm.  
Electric cab tilt system. Cab tilt: 45 degrees with 90 degrees tilt capability.  
Cab paint: Metal structures/Composites - Full immersion, multi-stage "E" coat with white powder coat.  
Composite components - Color impregnated.  
Chassis paint: Black powder coat. Wheels: White powder coat.  
Grab handles, steps and platforms paint: Yellow powder coat.  
Rubberized undercoating under cab and skirting.

MAXIMUM GCWR 81,000 lbs.

MAXIMUM GROUND SPEED

- Without ABS: 33 MPH (depended on axle ratio).
  - With ABS: 45 MPH (depended on axle ratio).
- 
-

Trade In(s):  
<TradeInDescription>

PRICE

**Quote Price:**

Model Cost (Pre Tax)	\$117,335.64
Excise Tax:	\$0.00
Freight:	\$1,600.00
Sales Tax:	\$0.00
<b>Total Per Unit:</b>	<b>\$118,935.64</b>
<b>Quantity Selected (1):</b>	<b>\$118,935.64</b>
* Trade In	<b>(\$0.00)</b>
<b>Grand Total</b>	<b>\$118,935.64</b>

\* All prices reflect equally distributed credit(s) for trade in(s)

**Additional Factory Options Available:**

*\* These items not included in lease option pricing or total investment*

Qty Category Factory ID <FactoryAddonsDescription> PRICE

**Additional Dealer Options Available:**

*\* These items not included in lease option pricing or total investment*

Qty Factory ID PRICE

180 day production time on NEW orders

**TERMS FOR ACCEPTANCE OF PROPOSAL AND ATTACHMENTS**

The proposal in this quote is property of YardTruck Specialists and is confidential and proprietary. Unauthorized disclosure could be harmful to YardTruck Specialists and by acceptance, prospective buyer agrees not to publish, copy or reproduce the contents without the express written consent of YardTruck Specialists. Bozzuto's will not use such information for any other purpose than for the consideration of a YardTruck Specialists supplied system and will return any or all information contained herein to YardTruck Specialists upon request.

**ACCEPTANCE AS CONTRACT OF SALE**

**Acceptance:**

Company: Bozzuto's

Name: Bob Hamilton

**Authorized Dealer:**

Mike Amrhein

---

Authorized Signature

---

Account Manager

Date: \_\_\_\_\_

PO No.: \_\_\_\_\_

Terms:

Delivery:

FOB:

Expires: 9/30/18

**ATTACHMENT D-2**

**VENDOR ESTIMATE FOR H.I. STONE & SON, INC.**



#5

1 - Hook 1, F +

GR64F

Chassis Specifications

GSO:17126358  
Model Year:2019

Chassis:001245

CUSTOMER/VEHICLE INFO

013  
161  
492  
943  
966  
A19  
PRICE BOOK LEVEL  
CHASSIS (BASE MODEL)  
CUSTOMER FLEET SIZE  
INITIAL REGISTRATION LOCATION  
LANGUAGE-PUBS/DECAL/SIGNS  
ROAD CONDITION  
VEHICLE USE & BODY/TRAILER TYPE  
GROSS COMBINATION WEIGHT  
TOPOGRAPHY  
TERRAIN GRADE  
LOADING SURFACE  
VEHICLE Vocation  
VEHICLE WARRANTY TYPE  
APPLICATION PACKAGES  
GRANITE AF CONFIG. PKG.  
SPECIAL SALES PACKAGE  
SALES PROMOTION  
PILOT INSPECTION  
ENGINE/TRANSMISSIONS  
PRE-VIEW TOPOGRAPHY  
ENGINE PACKAGE  
GEAR SELECTION TUNING  
TRANSMISSION  
TRANSMISSION ELECTRONICS  
ENGINE GOVERNOR TYPE  
EXHAUST/EMISSIONS  
CARB 2008 IDLE REGULATION  
DPF COVER  
DPF DIESEL PARTICULATE FILTER  
EXHAUST STACK HEIGHT  
EXHAUST  
EXHAUST HEAT SHIELD TYPE  
DEF TANK  
DEF TANK COVER  
EXHAUST SYSTEM MATERIAL FINISH  
EMISSION ON BOARD DIAG CONTROL  
ENGINE EQUIPMENT  
AIR CLEANER  
AIR INTAKE SOURCE  
BUG SCREEN  
AIR COMPRESSOR  
PRIMARY FUEL FILTER POSITION (CA)  
ALTERNATOR  
BATTERIES  
COOLING PERFORMANCE  
COOLANT PROTECTION  
COOLANT FILTER / CONDITIONER  
FAN DRIVE  
ENGINE BRAKE  
FUEL-WATER SEPARATOR  
AUX. FUEL SYSTEM EQUIPMENT  
FUEL EQUIPMENT WATER HEATER  
(CA)  
BATTERY BOX - MOUNTING  
BATTERY BOX COVER  
BATTERY DISCONNECT SWITCH

COMMERCIAL  
2 SPOKE URETHANE GRP, SATIN A  
ALLISON DASH MTD SHIFTER W/NEU  
WITHOUT CHASSIS FAIRINGS  
WITHOUT SUN VISOR PAINT  
2019 MODEL YEAR  
2008-10-07  
GRANITE 64FR  
DEALER FLEET WITH LESS THAN 25  
ALL 50 STATES, CARD ENGINE EMI  
ENGLISH  
WELL MAINTAINED SURFACED ROADS  
DUMP TRUCK  
TRUCK ONLY - NO TRAILER TOWING  
GRADES <6% DUR >98% OF DRIV D  
CITY, STARTING GRADES<6%  
GRAVEL LOADING AND /OR UNLOAD  
CONSTRUCTION SERVICE  
HEAVY DUTY WARRANTY CLASSIFICA  
  
W/O GRANITE AF CONFIG. PKG.  
WITHOUT SPECIAL SALES PACKAGE  
2017/18 RAPID QUOTE MANAGEMENT  
NO PILOT REQUESTED  
  
WITHOUT PRE-VIEW TOPOGRAPHY  
MP8-455M MACK 455HP @ 1500-190  
GEAR SELECTION TUNING, BASIC  
4500 RDS 6 SP-ALLISON RU  
CONSTRUCTION SERIES - DUAL INP  
ENGINE GOVERNOR TYPE MIN-MAX  
  
IDLE EMISSION CERTIFICATION, C  
DPF COVER STAINLESS STEEL, POL  
CLEARTECH ONE BOX E.A.T.S. RH  
EXHAUST STACK 2.9 METRE, HEIGH  
NO MUFFLER, SINGLE (R/S) VERT  
EXHAUST HEAT SHIELD TYPE, BASI  
25L / 22" DIA SEMI TANK LEFT S  
WITHOUT DEF TANK COVER  
BRIGHT SINGLE EXHAUST SYS MATE  
EMISSION ODD, DISPLAY ONLY, US  
  
11" SINGLE ELEMENT DONALDSON  
AIR INTAKE SOURCE, HOOD OUTSI  
BLACK ALUM MOUNTED BEHIND GRIL  
MERITOR/WADCO 318 (18.7 CFM)  
STANDARD FUEL FILTER POSITION  
12V(130A DELCO 24SI) (130 AMP)  
3-12V MACK MF 31  
NARROW RADIATOR WITH LENGTH 3  
CHEVRON FULLY FORMULATED COOLA  
WITH FILTER/CONDITIONER  
BEHR FAN & ELECTRONIC MODULATI  
MACK ENGINE BRAKE POWER LEASH  
MACK INTEGRAL INCLUDES MANUAL  
WITHOUT AUX. FUEL SYSTEM EQUIP  
WITHOUT FUEL HEATER EQUIPMENT  
  
RH BEHIND SCR- US10  
POLISHED ALUMINUM BATTERY BOX  
MECHANICAL SWITCH POSITIVE CON

PB 001245  
001250  
001251

+

255,000

Replacement VEHICLE

1 F DYK 90LS5VA60367

MPG 7.7

 7-30-18

GR64F

# 1

\$ 202,000.00

Chassis Specifications

GSO:17125634  
Model Year:2019

CUSTOMER/VEHICLE INFO

013	COMMERCIAL
161	2 SPOKE URETHANE GRIP, SATIN A
492	ALLISON DASH MTD SHIFTER W/NEU
943	WITHOUT CHASSIS FAIRINGS
966	WITHOUT SUN VISOR PAINT
A19	2019 MODEL YEAR
PRICE BOOK LEVEL	2008-10-07
CHASSIS (BASE MODEL)	GRANITE 64FR
CUSTOMER FLEET SIZE	DEALER FLEET WITH LESS THAN 25
INITIAL REGISTRATION LOCATION	ALL 50 STATES, CARB ENGINE EMI
LANGUAGE-PUBS/DECALS/SIGNS	ENGLISH
ROAD CONDITION	WELL MAINTAINED SURFACED ROADS
VEHICLE USE & BODY/TRAILER TYPE	DUMP TRUCK
GROSS COMBINATION WEIGHT	41.0 TONNES, GROSS COMBINATION
TOPOGRAPHY	GRADES <6% DUR >98% OF DRIV D
TERRAIN GRADE	CITY, STARTING GRADES <6%
LOADING SURFACE	GRAVEL LOADING AND / OR UNLOAD
VEHICLE VOCATION	CONSTRUCTION SERVICE
VEHICLE WARRANTY TYPE	HEAVY DUTY WARRANTY CLASSIFICA
APPLICATION PACKAGES	
GRANITE AF CONFIG. PKG.	W/O GRANITE AF CONFIG. PKG.
SPECIAL SALES PACKAGE	WITHOUT SPECIAL SALES PACKAGE
SALES PROMOTION	2017/18 RAPID QUOTE MANAGEMENT
PILOT INSPECTION	NO PILOT REQUESTED
ENGINE/TRANSMISSIONS	
PRE-VIEW TOPOGRAPHY	WITHOUT PRE-VIEW TOPOGRAPHY
ENGINE PACKAGE	MP8-455M MACK 455HP @ 1500-190
GEAR SELECTION TUNING	GEAR SELECTION TUNING, BASIC
TRANSMISSION	4500 RDS 6 SP-ALLISON RU
TRANSMISSION ELECTRONICS	CONSTRUCTION SERIES - DUAL INP
ENGINE GOVERNOR TYPE	ENGINE GOVERNOR TYPE MIN-MAX
EXHAUST/EMISSIONS	
CARB 2008 IDLE REGULATION	IDLE EMISSION CERTIFICATION, C
DPF COVER	DPF COVER STAINLESS STEEL, POL
DPF DIESEL PARTICULATE FILTER	CLEARTECH ONE BOX E.A.T.S. RH
EXHAUST STACK HEIGHT	EXHAUST STACK 2.9 METRE, HEIGH
EXHAUST	NO MUFFLER, SINGLE (R/S) VERT
EXHAUST HEAT SHIELD TYPE	EXHAUST HEAT SHIELD TYPE, BASI
DEF TANK	25L / 22" DIA SEMI TANK LEFT S
DEF TANK COVER	WITHOUT DEF TANK COVER
EXHAUST SYSTEM MATERIAL FINISH	BRIGHT SINGLE EXHAUST SYS MATE
EMISSION ON BOARD DIAG CONTROL	EMISSION OBD, DISPLAY ONLY, US
ENGINE EQUIPMENT	
AIR CLEANER	11" SINGLE ELEMENT DONALDSON
AIR INTAKE SOURCE	AIR INTAKE SOURCE, HOOD OUTSI
BUG SCREEN	BLACK ALUM MOUNTED BEHIND GRIL
AIR COMPRESSOR	MERITOR/WABCO 318 (18.7 CFM)
PRIMARY FUEL FILTER POSITION (CA)	STANDARD FUEL FILTER POSITION
ALTERNATOR	12V130A DELCO 24SI (130 AMP)
BATTERIES	3-12V MACK M/F 31
COOLING PERFORMANCE	NARROW RADIATOR WITH LENGTH 3
COOLANT PROTECTION	CHEVRON FULLY FORMULATED COOLA
COOLANT FILTER / CONDITIONER	WITH FILTER/CONDITIONER
FAN DRIVE	BEHR FAN & ELECTRONIC MODULATI
ENGINE BRAKE	MACK ENGINE BRAKE POWER LEASH
FUEL-WATER SEPARATOR	MACK INTEGRAL INCLUDES MANUAL
AUX. FUEL SYSTEM EQUIPMENT	WITHOUT AUX. FUEL SYSTEM EQUIP
FUEL EQUIPMENT WATER HEATER (CA)	WITHOUT FUEL HEATER EQUIPMENT
BATTERY BOX - MOUNTING	RH BEHIND SCR- US10
BATTERY BOX COVER	POLISHED ALUMINUM BATTERY BOX
BATTERY DISCONNECT SWITCH	MECHANICAL SWITCH POSITIVE CON

Replacement VEHICLE

1FDZ596M2WVA1

MPG 7.7

 7.30-18

GR64F

# 2

\$ 202,000.00

Chassis Specifications

GSO:17125634  
Model Year:2019

CUSTOMER/VEHICLE INFO

013	COMMERCIAL
161	2 SPOKE URETHANE GRIP, SATIN A
492	ALLISON DASH MTD SHIFTER W/NEU
943	WITHOUT CHASSIS FAIRINGS
966	WITHOUT SUN VISOR PAINT
A19	2019 MODEL YEAR
PRICE BOOK LEVEL	2008-10-07
CHASSIS (BASE MODEL)	GRANITE 64FR
CUSTOMER FLEET SIZE	DEALER FLEET WITH LESS THAN 25
INITIAL REGISTRATION LOCATION	ALL 50 STATES, CARB ENGINE EMI
LANGUAGE-PUBS/DECALS/SIGNS	ENGLISH
ROAD CONDITION	WELL MAINTAINED SURFACED ROADS
VEHICLE USE & BODY/TRAILER TYPE	DUMP TRUCK
GROSS COMBINATION WEIGHT	41.0 TONNES, GROSS COMBINATION
TOPOGRAPHY	GRADES <6% DUR >98% OF DRIV D
TERRAIN GRADE	CITY, STARTING GRADES<6%
LOADING SURFACE	GRAVEL LOADING AND / OR UNLOAD
VEHICLE VOCATION	CONSTRUCTION SERVICE
VEHICLE WARRANTY TYPE	HEAVY DUTY WARRANTY CLASSIFICA
APPLICATION PACKAGES	
GRANITE AF CONFIG. PKG.	W/O GRANITE AF CONFIG. PKG.
SPECIAL SALES PACKAGE	WITHOUT SPECIAL SALES PACKAGE
SALES PROMOTION	2017/18 RAPID QUOTE MANAGEMENT
PILOT INSPECTION	NO PILOT REQUESTED
ENGINE/TRANSMISSIONS	
PRE-VIEW TOPOGRAPHY	WITHOUT PRE-VIEW TOPOGRAPHY
ENGINE PACKAGE	MP8-455M MACK 455HP @ 1500-190
GEAR SELECTION TUNING	GEAR SELECTION TUNING, BASIC
TRANSMISSION	4500 RDS 6 SP-ALLISON RU
TRANSMISSION ELECTRONICS	CONSTRUCTION SERIES - DUAL INP
ENGINE GOVERNOR TYPE	ENGINE GOVERNOR TYPE MIN-MAX
EXHAUST/EMISSIONS	
CARB 2008 IDLE REGULATION	IDLE EMISSION CERTIFICATION, C
DPF COVER	DPF COVER STAINLESS STEEL, POL
DPF DIESEL PARTICULATE FILTER	CLEARTECH ONE BOX E.A.T.S. RH
EXHAUST STACK HEIGHT	EXHAUST STACK 2.9 METRE, HEIGH
EXHAUST	NO MUFFLER, SINGLE (R/S) VERT
EXHAUST HEAT SHIELD TYPE	EXHAUST HEAT SHIELD TYPE, BASI
DEF TANK	25L / 22" DIA SEMI TANK LEFT S
DEF TANK COVER	WITHOUT DEF TANK COVER
EXHAUST SYSTEM MATERIAL FINISH	BRIGHT SINGLE EXHAUST SYS MATE
EMISSION ON BOARD DIAG CONTROL	EMISSION OBD, DISPLAY ONLY, US
ENGINE EQUIPMENT	
AIR CLEANER	11" SINGLE ELEMENT DONALDSON
AIR INTAKE SOURCE	AIR INTAKE SOURCE, HOOD OUTSI
BUG SCREEN	BLACK ALUM MOUNTED BEHIND GRIL
AIR COMPRESSOR	MERITOR/WABCO 318 (18.7 CFM)
PRIMARY FUEL FILTER POSITION (CA)	STANDARD FUEL FILTER POSITION
ALTERNATOR	12V130A DELCO 24SI (130 AMP)
BATTERIES	3-12V MACK M/F 31
COOLING PERFORMANCE	NARROW RADIATOR WITH LENGTH 3
COOLANT PROTECTION	CHEVRON FULLY FORMULATED COOLA
COOLANT FILTER / CONDITIONER	WITH FILTER/CONDITIONER
FAN DRIVE	BEHR FAN & ELECTRONIC MODULATI
ENGINE BRAKE	MACK ENGINE BRAKE POWER LEASH
FUEL-WATER SEPARATOR	MACK INTEGRAL INCLUDES MANUAL
AUX. FUEL SYSTEM EQUIPMENT	WITHOUT AUX. FUEL SYSTEM EQUIP
FUEL EQUIPMENT WATER HEATER (CA)	WITHOUT FUEL HEATER EQUIPMENT
BATTERY BOX - MOUNTING	RH BEHIND SCR- US10
BATTERY BOX COVER	POLISHED ALUMINUM BATTERY BOX
BATTERY DISCONNECT SWITCH	MECHANICAL SWITCH POSITIVE CON

REPLACEMENT VEHICLE

14TXHAXTSYJ078196

7.7 MPG

X  7.30.18

#3

\$ 140,000 each F.E.T Included

Prepared For:  
H.I. STONE & SON, INC.

\*  dated 8/16/18



Prepared By:  
GABRIELLI TRUCK SALES OF  
CONNECTICUT, LL

**PI64T**

REPLACEMENT VEHICLE  
1M1AA13Y01W134630  
MPG 8.4

# PROPOSAL



#4

\* 140,000 each F.E.T Included

Prepared For:  
H.I. STONE & SON, INC.

\*  dated 8/16/18



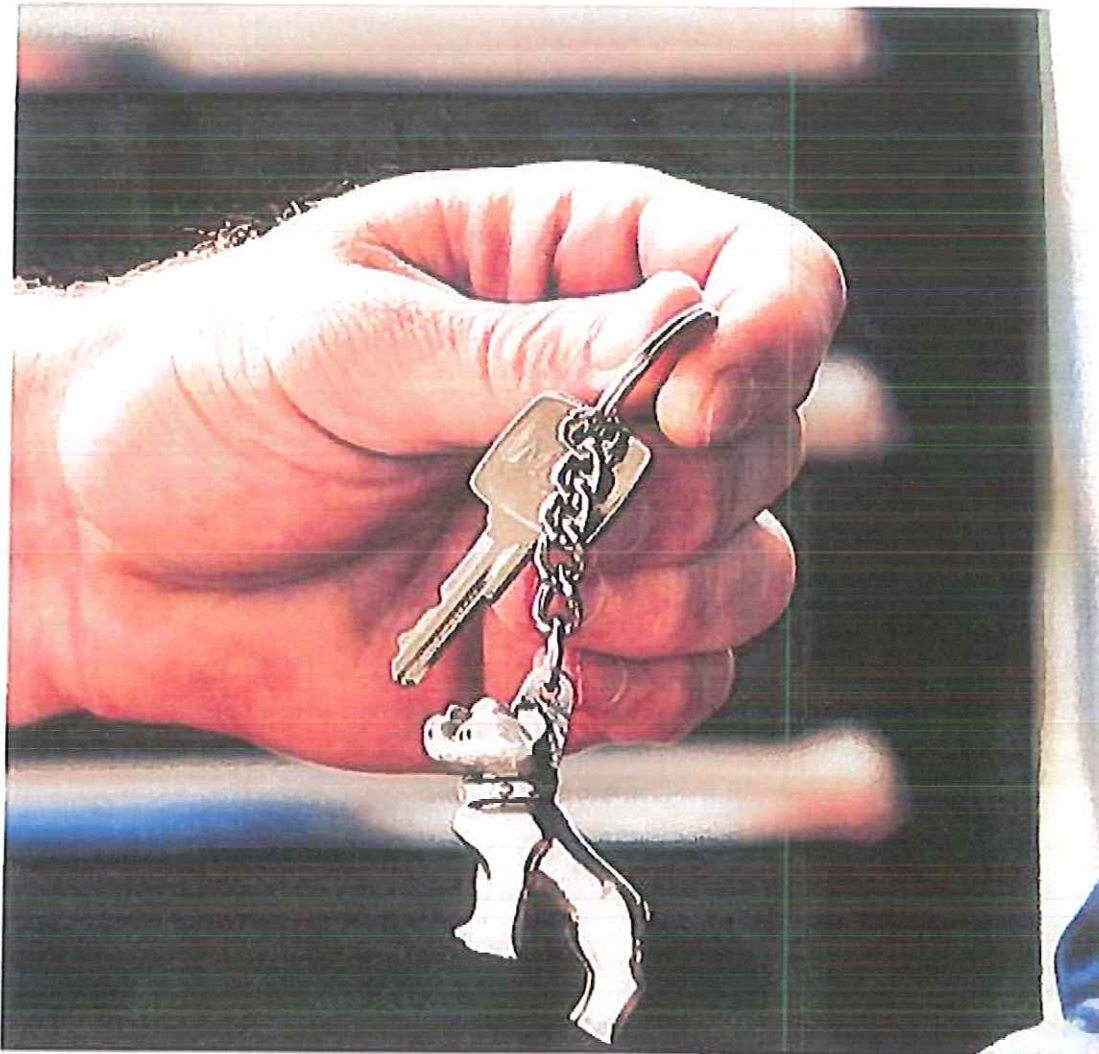
Prepared By:  
GABRIELLI TRUCK SALES OF  
CONNECTICUT, LL

**PI64T**

REPLACEMENT VEHICLE  
JFWJAZA551AJ12966

MAG 8.4

# PROPOSAL



#5

1 - Hook 1, F +

GR64F

Chassis Specifications

GSO:17126358  
Model Year:2019

Chassis:001245

CUSTOMER/VEHICLE INFO

013	COMMERCIAL .
161	2 SPOKE URETHANE GRIP, SATIN A
492	ALLISON DASH MTD SHIFTER W/NEU
943	WITHOUT CHASSIS FAIRINGS
966	WITHOUT SUN VISOR PAINT
A19	2019 MODEL YEAR
PRICE BOOK LEVEL	2008-10-07
CHASSIS (BASE MODEL)	GRANITE 64FR
CUSTOMER FLEET SIZE	DEALER FLEET WITH LESS THAN 25
INITIAL REGISTRATION LOCATION	ALL 50 STATES, CARB ENGINE EMI
LANGUAGE-PUBS/DECAL/SIGNS	ENGLISH
ROAD CONDITION	WELL MAINTAINED SURFACED ROADS
VEHICLE USE & BODY/TRAILER TYPE	DUMP TRUCK
GROSS COMBINATION WEIGHT	TRUCK ONLY - NO TRAILER TOWING
TOPOGRAPHY	GRADES <6% DUR >98% OF DRIV D
TERRAIN GRADE	CITY, STARTING GRADES<6%
LOADING SURFACE	GRAVEL LOADING AND / OR UNLOAD
VEHICLE VOCATION	CONSTRUCTION SERVICE
VEHICLE WARRANTY TYPE	HEAVY DUTY WARRANTY CLASSIFICA
APPLICATION PACKAGES	
GRANITE AF CONFIG. PKG.	W/O GRANITE AF CONFIG. PKG.
SPECIAL SALES PACKAGE	WITHOUT SPECIAL SALES PACKAGE
SALES PROMOTION	2017/18 RAPID QUOTE MANAGEMENT
PILOT INSPECTION	NO PILOT REQUESTED
ENGINE/TRANSMISSIONS	
PRE-VIEW TOPOGRAPHY	WITHOUT PRE-VIEW TOPOGRAPHY
ENGINE PACKAGE	MP8-455M MACK 455HP @ 1500-190
GEAR SELECTION TUNING	GEAR SELECTION TUNING, BASIC
TRANSMISSION	4500 RDS 6 SP-ALLISON RU
TRANSMISSION ELECTRONICS	CONSTRUCTION SERIES - DUAL INP
ENGINE GOVERNOR TYPE	ENGINE GOVERNOR TYPE MIN-MAX
EXHAUST/EMISSIONS	
CARB 2008 IDLE REGULATION	IDLE EMISSION CERTIFICATION, C
DPF COVER	DPF COVER STAINLESS STEEL, POL
DPF DIESEL PARTICULATE FILTER	CLEARTECH ONE BOX E.A.T.S. RH
EXHAUST STACK HEIGHT	EXHAUST STACK 2.9 METRE, HEIGH
EXHAUST	NO MUFFLER, SINGLE (R/S) VERT
EXHAUST HEAT SHIELD TYPE	EXHAUST HEAT SHIELD TYPE, BASI
DEF TANK	25L / 22" DIA SEMI TANK LEFT S
DEF TANK COVER	WITHOUT DEF TANK COVER
EXHAUST SYSTEM MATERIAL FINISH	BRIGHT SINGLE EXHAUST SYS MATE
EMISSION ON BOARD DIAG CONTROL	EMISSION ODD, DISPLAY ONLY, US
ENGINE EQUIPMENT	
AIR CLEANER	11" SINGLE ELEMENT DONALDSON
AIR INTAKE SOURCE	AIR INTAKE SOURCE, HOOD OUTSI
BUG SCREEN	BLACK ALUM MOUNTED BEHIND GRIL
AIR COMPRESSOR	MERITOR/WABCO 318 (18.7 CFM)
PRIMARY FUEL FILTER POSITION (CA)	STANDARD FUEL FILTER POSITION
ALTERNATOR	12V130A DELCO 24SI (130 AMP)
BATTERIES	3-12V MACK M/F 31
COOLING PERFORMANCE	NARROW RADIATOR WITH LENGTH 3
COOLANT PROTECTION	CHEVRON FULLY FORMULATED COOLA
COOLANT FILTER / CONDITIONER	WITH FILTER/CONDITIONER
FAN DRIVE	DEHR FAN & ELECTRONIC MODULATI
ENGINE BRAKE	MACK ENGINE BRAKE POWER LEASH
FUEL-WATER SEPARATOR	MACK INTEGRAL INCLUDES MANUAL
AUX. FUEL SYSTEM EQUIPMENT	WITHOUT AUX. FUEL SYSTEM EQUIP
FUEL EQUIPMENT WATER HEATER	WITHOUT FUEL HEATER EQUIPMENT
(CA)	
BATTERY BOX - MOUNTING	RH BEHIND SCR- US10
BATTERY BOX COVER	POLISHED ALUMINUM BATTERY BOX
BATTERY DISCONNECT SWITCH	MECHANICAL SWITCH POSITIVE CON

PB 001245  
001250  
001251

\$ 255,000

Replacement VEHICLE

IF DYK 90LS3VA60367

MPG 7.7

 7-30-18

#6

\$136,900.

REDUCED VEHICLE  
2xKAD48X17M204578  
MPG 8.4



Tri-State Kenworth - Enfield C975

H I STONE  
MAIN ST

\$136,900

, United States  
Phone:  
Fax:  
Email:

SOUTHBURY, Connecticut United States 06777  
Phone: (203) 509-5057  
Fax:  
Contact Email:  
Prepared for: Default Contact

### Vehicle Summary

	Unit	Chassis
Model:	T680 Series Conventional	Fr Axle Load (lbs): 12350
Type:	TRACTOR	Rr Axle Load (lbs): 40000
Description:		G.C.W. (lbs): 80000
	<b>Application</b>	Road Conditions:
Intended Serv.:	Linehaul. Vehicles (trucks or tractors) used in	Class A (Highway) 90
Commodity:	Liquid petroleum products	Class B (Hwy/Mtn) 10
	<b>Body</b>	Class C (Off-Hwy) 00
Type:		Class D (Off-Road) 00
Length (ft): 0.0		Maximum Grade: 6
Height (ft): 0.0		Wheelbase (in): 191
Max Laden Weight (lbs): 0		Overhang (in): 66
	<b>Trailer</b>	Fr Axle to BOC (in): 68
No. of Trailer Axles: 2		Cab to Axle (in): 123
Type: Tank		Cab to EOF (in): 189
Length (ft): 45.0		Overall Comb. Length (in): 755
Height (ft): 13.0		
Kingpin Inset (in): 18		<b>Special Req.</b>
Corner Radius (in): 1		U.S. Domestic Registry, 50-State
	<b>Restrictions</b>	
Length (ft): 120		
Width (in): 102		
Height (ft): 13.5		

Approved by:

Date:

7-30-18

Note: All sales are F.O.B. designated plant of manufacture.

<b>PACCAR FINANCIAL</b>	Ask your dealer for a quote today, or visit our website @ <a href="http://www.paccarfinancial.com">www.paccarfinancial.com</a> .
	PACCAR Financial offers innovative finance, lease and insurance programs customized to meet your needs.

Unpublished options may require review/approval.  
Dimensional and performance data for unpublished options may vary from that displayed in PROSPECTOR.

Printed:	2/8/2018 2:30:26 PM	<b>Complete</b>	Model Number:	T680 Series Conventional
Effective Date:	Jul 1, 2017		Quote/DTPO/CO:	Q02897440
Prepared by:	ID: TJennings		Version Number:	40.30

# 7

\$136,900.

Regulation Vehicle  
2 x 2 PDD48 x 7m204577  
MPG 8.4



Tri-State Kenworth - Enfield C975

H I STONE  
MAIN ST

\$136,900

, United States  
Phone:  
Fax:  
Email:

SOUTHBURY, Connecticut United States 06777  
Phone: (203) 509-5057  
Fax:  
Contact Email:  
Prepared for: Default Contact

### Vehicle Summary

	Unit	Chassis	
Model:	T680 Series Conventional	Fr Axle Load (lbs):	12350
Type:	TRACTOR	Rr Axle Load (lbs):	40000
Description:		G.C.W. (lbs):	80000
	<b>Application</b>	Road Conditions:	
Intended Serv.:	Linehaul. Vehicles (trucks or tractors) used in	Class A (Highway)	90
Commodity:	Liquid petroleum products	Class B (Hwy/Mtn)	10
	<b>Body</b>	Class C (Off-Hwy)	00
Type:		Class D (Off-Road)	00
Length (ft):	0.0	Maximum Grade:	6
Height (ft):	0.0	Wheelbase (in):	191
Max Laden Weight (lbs):	0	Overhang (in):	66
	<b>Trailer</b>	Fr Axle to BOC (in):	68
No. of Trailer Axles:	2	Cab to Axle (in):	123
Type:	Tank	Cab to EOF (in):	189
Length (ft):	45.0	Overall Comb. Length (in):	755
Height (ft):	13.0		
Kingpin Inset (in):	18	<b>Special Req.</b>	
Corner Radius (in):	1	U.S. Domestic Registry, 50-State	
	<b>Restrictions</b>		
Length (ft):	120		
Width (in):	102		
Height (ft):	13.5		

Approved by:

Date:

7-30-18

Note: All sales are F.O.B. designated plant of manufacture.

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Printed:	2/8/2018 2:30:26 PM	<b>Complete</b>	Model Number:	T680 Series Conventional
Effective Date:	Jul 1, 2017		Quote/DTPO/CO:	Q02897440
Prepared by:	ID: T.Jennings		Version Number:	40.30



#4

\$ 140,000 each F.E.T Included

Prepared For:  
H.I. STONE & SON, INC.

 dated 8/16/18



Prepared By:  
GABRIELLI TRUCK SALES OF  
CONNECTICUT, LL

**PI64T**

REPLACEMENT VEHICLE  
JFWJAZA551A512966

MAG 8.4

# PROPOSAL





### Vehicle Summary

CUSTOMER/VEHICLE INFO		Description
S	002F62 CHASSIS (BASE MODEL)	PINNACLE 64T DAYCAB MACKSPEC
S	PB1091 PRICE BOOK LEVEL	2019B Pricebook <i>2020 Models</i>
	A19049 VEHICLE MODEL YEAR	2019 MODEL YEAR
	MP2001 CUSTOMER FLEET SIZE	DEALER FLEET WITH LESS THAN 25 VEHICLES IN OWN FLEET OF ANY VEHICLE BRAND
S	M45001 ORDER TYPE REQUIREMENTS	RETAIL OR STOCK - CUSTOM SPECIFICATIONS
S	013001 TYPE OF SERVICE	COMMERCIAL
S	505015 INITIAL REGISTRATION LOCATION	ALL 50 STATES, CARB ENGINE EMISSION (US17)
S	534014 LANGUAGE-PUBS/DECAL/SIGNS	ENGLISH
S	78XB1X TRANSPORT CYCLE	LOCAL DISTRIBUTION
S	005005 VEHICLE USE & BODY/TRAILER TYPE	VAN TRAILER
S	DKXG2X GROSS COMBINATION WEIGHT	80,000 LB (36 TONNES) GROSS COMBINATION WEIGHT
S	70BC1X BRAKE REGULATION	BRAKE REGULATION, STOPPING DISTANCE 76M (250FT)
S	QCXB1X TOPOGRAPHY	GRADES <6% GREATER THAN 98% OF DRIVING DISTANCE MAX GRADE 16%
S	E1BD1X AMBIENT TEMP UPPER LIMIT (GTA)	AMBIENT TEMPERATURE HOT. WARMER THAN 104 F (40 C) ALLOWED UP TO 25 HOURS PER YEAR
S	032A79 TERRAIN GRADE	ON HIGHWAY, STARTING GRADES<16%
S	033A10 LOADING SURFACE	CONCRETE LOADING AND / OR UNLOADING SURFACE
S	0341A1 VEHICLE VOCATION	LINEHAUL / LONG HAUL SERVICE

APPLICATION PACKAGES		Description
S	023AB3 APPLICATION RECOMMENDATIONS	WITHOUT SPECIAL SALES PACKAGE
S	J7DACX PRODUCTION ORDER PLANNING (CA)	PRODUCTION ORDER PLANNING, SHORT TO MEDIUM LEAD TIME

ENGINE/TRANSMISSIONS		Description
	100110 ENGINE PACKAGE	MP8-445C MACK 445HP @ 1300-1700 RPM (PEAK) 1950 RPM (GOV) 1880 LB-FT, US'17
S	Q1CA1X GEAR SELECTION TUNING	BASIC, GEAR-SELECTION TUNING
S	3GCA1X GHG APPLICATION, VEHICLE	GREEN HOUSE GAS HIGHWAY APPLICATION
S	J3DZ1X SCALABLE ROAD SPEED LIMITER	WITHOUT SCALABLE ROAD SPEED LIMITER
S	1360X6 TRANSMISSION	MACK TMD12AFO mDRIVE 12 SP-(OVERDRIVE)
	RSXZ1X TRANSMISSION ELECTRONICS	W/O ELECTRONIC TRANS PACKAGE OPTION

B1E1X TRANSM AUTO MURIVE TRANSMISSION AUTO NEUTRAL ON PARKING BRAKE  
NEUTRAL ON P-BRAKE

S U6AA1X ENGINE GOVERNOR ENGINE GOVERNOR TYPE MIN-MAX  
TYPE

**EXHAUST/EMISSIONS**

**Description**

S C1RAA4 CARB 2008 IDLE IDLE EMISSION CERTIFICATION - CARB 08 (WITH DECAL LOCATED ON LOWER LH CORNER OF  
REGULATION DRIVER DOOR

S DPF04F DPF DIESEL CLEARTECH ONE BOX E.A.T.S. RH SIDE UNDER CAB US17  
PARTICULATE FILTER

S 8NAA1X DPF COVER DPF COVER, PAINTED STEEL

S 130AB6 EXHAUST SINGLE VERTICAL RIGHT SIDE OUTBOARD MOUNTED STRAIGHT EXH STACK TURNED OUT END

S 58AAAX EXHAUST HEAT SHIELD EXHAUST HEAT SHIELD TYPE, BASIC  
TYPE

S KRX85X EXHAUST STACK 11' 6" FROM GROUND  
HEIGHT

S Q0AC2X EXHAUST SYSTEM SINGLE, BRIGHT FINISH HEAT SHIELD, STACK, ELBOW AND SCR COVER (IF EQUIPPED)  
MATERIAL FINISH

S DF10N1 DEF TANK 18.4 GALLON (70 L) 26" LEFT SIDE FRAME MTD

S U8BC1X DEF TANK COVER BRIGHT FINISH DEF TANK COVER

S 78AC7X EMISSION ON BOARD EMISSION OBD, DISPLAY ONLY, USA2018  
DIAG CONTROL

**ENGINE EQUIPMENT**

**Description**

S 125AA4 AIR CLEANER 11" x 30" (279 mm x 762 mm) UNDER HOOD SINGLE ELEMENT DRY TYPE W/AIR INTAKE FROM  
BOTH SIDES OF HOOD

S 1VAAAX AIR INTAKE SOURCE W/O INSIDE/OUTSIDE AIR INTAKE

S 121AA1 BUG SCREEN WITHOUT BUG SCREEN

S 113AA6 AIR COMPRESSOR MERITOR/WABCO 318 (18.7 CFM)

S 132AB4 ALTERNATOR DELCO 12V 130A (24SI) BRUSH-TYPE

S 316AA6 BATTERIES (3) MACK 12V 650/1950 CCA THREADED STUD TYPE

S 508AA3 COOLING STANDARD COOLING PERFORMANCE  
PERFORMANCE

S 118AE9 COOLANT PROTECTION CHEVRON FULLY FORMULATED COOLANT W/ NITRATES (50/50 MIX DYED PINK) TO -34DEG

S HWXA1X COOLANT FILTER / MACK COOLANT CONDITIONER  
CONDITIONER

S 118AA5 FAN DRIVE BEHR FAN WITH BEHR ELECTRONICALLY MODULATED FAN DRIVE

S 110AA6 ENGINE BRAKE MACK MP8 POWERLEASH

S 293AA2 FUEL-WATER MACK W/MANUAL DRAIN VALVE (INTEGRAL W/PRIMARY FUEL FILTER)  
SEPARATOR

S J7XZ1X AUX. FUEL SYSTEM WITHOUT AUXILLIARY FUEL HEATING  
EQUIPMENT

S 316AA1 BATTERY DISCONNECT W/O BATTERY DISCONNECT SWITCH  
SWITCH

S 393AA9 BATTERY BOX - 1 BATTERY BOX (3 BATT CAPACITY) RH SIDE UNDER CAB  
MOUNTING

S L5XF1X BATTERY BOX COVER POLISHED ALUMINUM

S LLXZ1X EMERGENCY START W/O EMERGENCY STARTING RECEPT.  
CONNECTIONS

S 124AA3 HOSES - MACK BRAND EPDM RADIATOR & HEATER HOSES  
RADIATOR/HEATER

S NCXA5X STARTER 12 VOLT DELCO 39MT-MXT

S QHXC1X OIL PAN OIL PAN

S	318AA1	BATTERY DISCONNECT SWITCH	W/O BATTERY DISCONNECT SWITCH	0	0	0
S	393AA9	BATTERY BOX - MOUNTING	1 BATTERY BOX (3 BATT CAPACITY) RH SIDE UNDER CAB	0	0	0
	L6XF1X	BATTERY BOX COVER	POLISHED ALUMINUM	5	0	72
S	LLXZ1X	EMERGENCY START CONNECTIONS	W/O EMERGENCY STARTING RECEPT.	0	0	0
S	124AA3	HOSES - RADIATOR/HEATER	MACK BRAND EPDM RADIATOR & HEATER HOSES	0	0	0
S	NCXA5X	STARTER	12 VOLT DELCO 39MT-MXT	0	0	0
S	QHXC1X	OIL PAN	OIL PAN	0	0	0
S	38AA1X	TETHER DEV PKG, CAPS & COVERS	FURNISH CAP RETAINER FOR OIL FILL & RADIATOR OVERFLOW TANK	0	0	0
	5NXA1X	ENGINE BLOCK HEATER	120V 1500 WATT ENGINE BLOCK HEATER	5	0	91
S	EFXZ1X	ENGINE OIL PAN HEATER	W/O OIL PAN HEATER OPTIONW/O OIL PAN HEATER	0	0	0
S	NDXZ1X	ENGINE STARTING AID	W/O ENGINE COLD START AID	0	0	0
S	HZXZ1X	ENGINE OIL DRAIN KIT	W/O OIL CHANGE SYSTEM	0	0	0
S	JMxB1X	ENGINE BRAKE LIGHTING (CA)	VEHICLE AND TRAILER (IF APPLICABLE) STOP LAMPS ACTIVATE UPON SERVICE BRAKE APPLICATION ONLY(3899000)	0	0	0
	MOXAAX	BATTERY SHOCK PADS	SHOCK PADS UNDER BATTERIES	0	0	5

CLUTCH/TRANS EQUIPMENT		Description	Front Weight (LB)	Rear Weight (LB)	List Price	
S	49200B	GEAR SHIFTER	MACK mDRIVE-PREMIUM SHIFTER	0	0	0
S	133AC7	CLUTCH	ZF/SACHS SINGLE PLATE 17" (430MM) ORGANIC MATERIAL	0	0	0
	2XAZ1X	CLUTCH PEDAL PAD	W/O CLUTCH PEDAL	0	0	0
S	IUXZ1X	CLUTCH ACTUATION SYSTEM	W/O AIR ASSIST	0	0	0
	195AA7	DRIVELINE - MAIN	MERITOR RPL25HD W/PERMALUBE U-JOINTS	12	12	57
S	204AA4	DRIVELINE - INTERAXLE	MERITOR RPL20 W/PERMALUBE	0	34	0
S	7RXB1X	LUBRICANTS, TRANSMISSION	SYNTHETIC OIL IN TRANSMISSION	0	0	0
S	139049	TRANSMISSION OIL COOLER	MACK mDRIVE TRANSMISSION OIL COOLER MTD LH SIDE OIL TO WATER COOLER	0	0	0
S	83AZ1X	PROP SHAFT BEARING GUARD	WITHOUT DRIVESHAFT GUARD FOR CENTER BEARING	0	0	0
S	78AA1X	PROPELLR SHAFT MAIN, UNVSL JNT	PROPELLER SHAFT MAIN, UNIVERSAL JOINT HALF-ROUND TYPE	0	0	0
S	4LDA1X	TRANSMISSION OUTPUT TORQUE	TRANSMISSION OUTPUT TORQUE BASIC	0	0	0
S	8WAAAX	PROP SHAFT INTERAXL UNIV JOINT	HALF-ROUND UNIVERSAL JOINT	0	0	0
S	RCXB1X	BELL HOUSING	ALUMINUM	0	0	0
S	RGXZ1X	CLUTCH BRAKE	W/O CLUTCH BRAKE	0	0	0
	RBXZ1X	CLUTCH LUBE LINE	W/O LUBRICATION FITTING OPTION	0	0	0
	442012	TRANSMISSION TORQUE CONVERTER	W/O TRANS TORQUE CONVERTER	0	0	0
S	8VAZ1X	ENGINE START CONDITION	W/O CLUTCH STARTING SWITCH OPTION	0	0	0
S	3IAA1X	HILL START ASSIST	GRADE GRIPPER	0	0	0
	M050A5	TRANS SHIFT MODE	MACK mDRIVE - NORMAL PERFORMANCE MODE AUTO RETURN TO	0	0	0

	2410K1	FRONT AXLE BRAKES	MERITOR EX+ AIR DISC BRAKES 430MM (17") L-TYPE
	U3XD1X	BRAKE, FRONT	ROTORS FOR MACK DISC BRAKES
	LQXT2X	BRAKE LINING MATERIAL FRONT	MACK TMD T7070 (FOR DISC BRAKES)
	UDXA1X	FRONT AXLE BRAKE DUST SHIELD	FURNISH
	U0AF1X	FRONT BRAKE ADJ. MANUFACTURE	AUTOMATIC FOR AIR DISC BRAKES
	V7AF1X	FRONT BRAKE CHAMBER MFG.	FRONT BRAKE CHAMBER MANUFACTURER, WABCO
	O5BC3X	FRONT BRAKE CHAMBER SIZE	FRONT BRAKE CHAMBER 22SQ INCHES (SERVICE)
S	ZGXC1X	FRONT HUBCAP TYPE	BASIC
	0KXG1X	HUB MATERIAL, FRONT	BASIC HUB UNITIZED IRON, FRONT
S	1BXBDX	HUB OIL SEAL, FRONT	FAG SCHAEFFLER
S	K4AAAX	SPINDLE NUTS, FRONT	STANDARD
S	245AA5	STEERING	TRW THP60 POWER
S	7VXC1X	LUBRICANTS, FRONT AXLE	PETROLEUM/SYNTHETIC (50/50) OIL FRONT AXLE

#### REAR AXLE EQUIPMENT

#### Description

S	268AC9	REAR AXLES - TANDEM	40000# (18100kg) MERITOR MT40-14X4C AMBOID (HIGH ENTRY)
	6MAB1X	REAR AXLE CASING WIDTH	MERITOR DUAL TRACK / DANA SelectTrac AXLE OPTION
S	R4XZ1X	LUBE PUMP, REAR AXLE	W/O LUBE PUMP AND FILTER
S	018AA1	CARRIER - REAR AXLE	VENDOR CARRIER
	TAXEJX	REAR AXLE RATIO	3.36 RATIO
S	J4DZ1X	SUSPENSION PRESSURE DETECTION	WITHOUT SUSPENSION PRESSURE DETECTION
S	188AC0	REAR SUSPENSION - TANDEM	MAXLITE 40 EZ (GEN 2) 40000#
	XZXZ1X	REAR SUSP. BEAM BUSHINGS	W/O OPTION
S	GWXBYX	BOGIE SPREAD, REAR	52" AXLE SPACING (BOGIE WHEELBASE)
S	ZAXA1X	SUSPENSION LEVELLING DEVICE	ELECTRICAL REGULATION LEVELING DEVICE
	J6DB1X	AIR SUSPENSION DUMP WARNING	AIR SUSPENSION DUMP, SPEED LIMITED, WARNING INDICATOR & BUZZER
S	YVXA1X	REAR SHOCK ABSORBER	SHOCK ABSORBERS - OUTBOARD MOUNTED ON FORWARD AND REAR AXLES EACH SIDE
S	XYXA1X	TRANSVERSE TORQUE RODS, R SUSP	TRANSVERSE TORQUE ROD - ALL AXLES
	25300M	BRAKES - REAR	AIR DISC BRAKES, 430MM (17") L-TYPE (Total for QTY = 2)
S	237027	AUX. SPRING BRAKE QTY	(2) DOUBLE DIAPHRAGM TYPE, MECHANICAL SPRING RELEASE
	U4X01X	BRAKE DRUMS/ROTORS - REAR	ROTORS FOR MACK DISC BRAKES
	U1AG1X	REAR BRAKE ADJ MANUFACTURE	AUTOMATIC SLACK ADJUSTERS FOR REAR AIR DISC BRAKES
	V1AE3X	REAR BRAKE CHAMBER SIZE	REAR SPRING BRAKE CHAMBERS 24/24 TYPE
	UEXA1X	DRIVE AXLE BRAKE DUST SHIELD	FURNISH
	MAXT2X	BRAKE LINING MATERIAL DRIVE	MACK TMD T7070 (FOR DISC BRAKES)

LEVELLING DEVICE						
	J6DB1X	AIR SUSPENSION DUMP WARNING	AIR SUSPENSION DUMP, SPEED LIMITED, WARNING INDICATOR & BUZZER	0	0	0
S	YVXA1X	REAR SHOCK ABSORBER	SHOCK ABSORBERS - OUTBOARD MOUNTED ON FORWARD AND REAR AXLES EACH SIDE	0	0	0
S	XYXA1X	TRANSVERSE TORQUE RODS, R SUSP	TRANSVERSE TORQUE ROD - ALL AXLES	0	73	0
	25300M	BRAKES - REAR	AIR DISC BRAKES, 430MM (17") L-TYPE (Total for QTY = 2)	0	102	2,134
S	237027	AUX, SPRING BRAKE QTY	(2) DOUBLE DIAPHRAGM TYPE, MECHANICAL SPRING RELEASE	0	0	0
	U4XD1X	BRAKE DRUMS/ROTORS - REAR	ROTORS FOR MACK DISC BRAKES	0	0	0
	U1AG1X	REAR BRAKE ADJ MANUFACTURE	AUTOMATIC SLACK ADJUSTERS FOR REAR AIR DISC BRAKES	0	0	0
	V1AE3X	REAR BRAKE CHAMBER SIZE	REAR SPRING BRAKE CHAMBERS 24/24 TYPE	0	0	0
	UEXA1X	DRIVE AXLE BRAKE DUST SHIELD	FURNISH	12	0	47
	MAXT2X	BRAKE LINING MATERIAL DRIVE	MACK TMD T7070 (FOR DISC BRAKES)	0	0	0
S	0LX1X	HUB MATERIAL, DRIVE	ALUMINUM PRESET REAR HUB W/INTEGRATED SPINDLE NUT	0	212	0
S	1CX12X	HUB OIL SEAL, DRIVE	PREMIUM	0	0	0
S	N2AE1X	SPINDLE NUTS, MAIN AXLE	SPINDLE NUTS, MAIN AXLE, INTEGRATED	0	0	0
S	3LAC1X	POWER DIVIDER LOCKOUT	POWER DIVIDER LOCKOUT, W/BUZZER & LIGHT	0	40	0
S	7WXA1X	LUBRICANTS, REAR AXLE(s)	FACTORY OPTION LUBE - REAR AXLE	0	0	0
S	2AAZ1X	REAR SPRING INSULATOR MATL	W/O SHOCK INSULATORS	0	0	0
	300AF0	REAR BRAKE CHAMBER MFG.	WABCO BRAKE CHAMBERS VENDOR (Total for QTY = 2)	0	0	0
	254AB4	TRACTION DIFFERENTIAL	DRIVER CONTROLLED INTER WHEEL DIFFERENTIAL LOCK FRT RR AXLE, MANUAL AIR VALVE W/WARNING LIGHT.	0	9	880
S	0GAAAX	ABS SENSOR & MODULATOR	4S/4M SYSTEM REAR WHEEL END SENSORS	0	0	0
S	698AA6	ANTILOCK BRAKE SYSTEM	MACK ROAD STABILITY ADVANTAGE BENDIX ABS/ATC/ESP W/YAW CONTROL	0	0	0
S	URXD1X	BRAKE VALVE VERSION	BENDIX SWITCHES AND VALVES WHERE POSSIBLE	0	0	0
S	H9CZ1X	TRACTION CONTROL DISABLE	W/O AUTOMATIC TRACTION CONTROL (ATC) DISABLE SWITCH	0	0	0
S	3ZAZ1X	SPRING BRAKE INVERSION VALVE	WITHOUT SPRING BRAKE INVERSION VALVE	0	0	0

FRAME EQUIPMENT/FUEL TANKS	Description	Front Weight (LB)	Rear Weight (LB)	List Price
271207	WHEELBASE 207"	-33	-33	0
S 374056	AF (OVERHANG) 56"	3	111	0
274AA4	FRAME RAILS STEEL - 268MM X 80MM X 6MM -- (10.47" X 3.54" X .31")	0	0	241
S A0XH2X	FRONT FRAME LENGTH Standard Bumper Position	23	-2	0
S 281AA2	CROSSMEMBERS STEEL	0	0	0
S Q5AC4X	REAR CROSSMEMBER OPTIONS FOR USE W/TAPERED & FLANGED FRAME ENDS (28 DEG) W/BUILT IN TAIL LAMPS	5	-15	0
S X6XCBX	REAR FRAME TREATMENT FURNISH TAPERED & FLANGED FRAME RAIL ENDS (28 DEG) FOR USE W/BUILT IN TAIL LAMPS	0	0	0

	68XD3X	MUDFLAP HANGERS, REAR AXLE	BETTS B87 SERIES WITH CONSPICUITY FEATURE(FMVSS 108)	0	25	88
	67XG1X	MUDFLAP TYPE, REAR AXLE	MUD FLAP, BLACK WITH WHITE "MACK" LETTERS	-2	14	27
S	2HXA1X	MUDFLAP, FRONT AXLE	BLACK POLYARMOUR (NO NAME TO APPEAR ON FLAP) (NOT ANTI-SPRAY TYPE)	0	0	0
S	4DXP1X	FRONT BUMPER	FLUSH-STAINLESS CLAD ALUMINUM	0	0	0
S	4ZAZ1X	CROSSMEMBER, BOGIE TYPE	WITHOUT CROSSMEMBER, BOGIE	0	0	0
S	4EXF1X	TOWING DEVICE, FRONT	(2) CLEVIS	0	0	0
S	6NXZ1X	TOWING COUPLING	W/O REAR TOWING DEVICE	0	0	0
	288AC0	FUEL TANK - LH	117 GALLON (445 L) 26" ALUMINUM ROUND	95	40	222
S	2RAA1X	FUEL LEVEL SENDER UNIT, LIQUID	BASIC FUEL LEVEL SENDER MOUNTED ON L.H TANK	0	0	0
S	290AB7	FUEL TANK - RH	93 GALLON (350 L) 26" ALUMINUM ROUND	84	42	0
S	JHXA1X	FUEL HOSES, LIQUID	NYLON TUBE	0	0	0
	12AC1X	FUEL LINE OPTIONS, LIQUID	DUAL DRAW AND RETURN FUEL SYSTEM	0	0	0
S	KFXA1X	FUEL TANK CAP	NON-LOCKABLE FUEL TANK CAP	0	0	0
	223AA2	STEPS (BRIGHT) - FUEL TANK	BRIGHT FINISH ALUMINUM STEPS & STAINLESS STEEL BRIGHT FINISHED STRAPS	0	0	285
	R0AA1X	FUEL TANK POLISH OPTION	POLISHED ALUMINUM	0	0	248
S	I7XZ1X	ISOLATE TANK FROM FUEL SYSTEM	W/O ISOLATED TANK(S)	0	0	0
	464AA6	QUARTER FENDERS	STAINLESS STEEL QUARTER FENDERS	0	36	153

AIR/BRAKE		Description	Front Weight (LB)	Rear Weight (LB)	List Price	
S	VHXEDX	AIR DRYER - MANUFACTURER	WABCO 1200UP W/TURBO CUT OFF VALVE, W/COALESCING OIL FILTER, HEATED	0	0	0
	UWXE1X	AIRTANK DRAIN VALVE	AUTO DRAIN VALVE, HEATED, ON SUPPLY TANK, W/LANYARDS ON ALL OTHER TANKS	3	0	77
	U2XA2X	AIRTANK MATERIAL	ALUMINUM, POLISHED	-13	-4	354
S	3MBZ1X	PARK BRAKE ALARM	W/O PARK BRAKE ALARM	0	0	0
S	1JAABX	PARKING BRAKE VALVE	TWO (2) VALVE DUAL BRAKE SYSTEM - TRAILER SUPPLY AND TRACTOR-TRAILER PARK	0	0	0
S	141AA1	RELOCATE AIR RESERVOIRS	W/O RELOCATED AIR TANKS	0	0	0

ELECTRICAL		Description	Front Weight (LB)	Rear Weight (LB)	List Price	
S	Q8CH1X	CHASSIS WIRING HARNESS CASING	CHASSIS & POWER HARNESS WITH HEAVY DUTY CASING	0	0	0
	5RXA7X	BACK-UP ALARM	POLLAK 41-722 CONSTANT AUDIBLE (MOUNTED ON REAR CROSS MEMBER) 107 dB	0	3	112
	NGXB1X	AUX. FOG LAMP	FOG LAMPS (ROUND)	9	0	130
	9FCB1X	FOG LAMP TECHNOLOGY	FOG LAMPS TECHNOLOGY LED	0	0	0
S	NJXZ1X	AUXILIARY LAMPS	W/O AUX LAMP PROVISIONS	0	0	0
S	NEXK2X	TAIL LAMPS	LED STOP & TAIL LAMPS W/BACKUP LAMP & LICENSE PLATE MTD IN TAPERED CROSSMEMBER	0	0	0

S	WGXA1X	TRAILER BRAKE VALVE	HAND CONTROL VALVE FOR TRAILER BRAKES OR SERVICE BRAKES WITHOUT END OF FRAME AIR CONNECTIONS
	7KXA3X	TRAILER ACCESS PACKAGE	LOW PROFILE DECK PLATE
S	M1XZ1X	ELECTRICAL RECEPT, AUX POWER	W/O HEAVY-DUTY POWER CIRCUIT
	51XABX	TRAILER BRAKE HOSEHANGER	TOWEL BAR - (2) SINGLE SPRING HOSE TENDER
S	321021	TRAILER ELECTRICAL RECEPT	SINGLE, 7 PINS STD SAE TYPE, BACK OF CAB
S	5ZXC1X	TRAILER BRAKE HOSES & CABLES	TRAILER AIR HOSES (12 FT NON-COILED TYPE)
	3220C2	TRAILER HOOKUP LIGHT	SINGLE TRUCKLITE SUPER-44 LED, RECESSED LHS BOC W/RUBBER GROMMET (TLR HOOK-UP)
S	3SAA1X	TRAILER CONNECTORS HOLDER	ELECTRICAL PLUG HOLDER (INCLUDES GLAD HAND STORAGE)
S	2UAA1X	TRAILER ELECTRICAL CABLE CONFIG	TRAILER ELECTRICAL CORD (12 FT NON-COILED TYPE)
S	7EXZ1X	LOAD LOCK BRACKETS	W/O OPTIONAL SLEEPER BOX REINFORCEMENT

**PTO/SPECIALTY EQUIPMENT**

**Description**

S	TYXZ1X	POWER TAKE OFF CONTROL	WITHOUT TRANSMISSION PTO CONTROL
S	416AA1	REAR ENGINE PTO	WITHOUT REAR ENGINE POWER TAKE OFF
	189AA3	PTO - REAR MOUNTED	PTO PUMP PROVISIONS FOR DIN 5462 W/DASH MTD SWITCH.
S	826016	HYDRAULIC PUMP	WITHOUT HYDRAULIC PUMP
S	V7BZ1X	AUXILIARY TRANSMISSION (CA)	WITHOUT AUXILIARY TRANSMISSION
S	V8BZ1X	AUX TRANSMISSION LOCATION (CA)	WITHOUT AUXILIARY TRANSMISSION LOCATION
S	2WAZ1X	PTO TRANS NEUTRAL CONTRL CHECK	W/O NEUTRAL CONTROL
S	3BAZ1X	PTO TRANS SIDE, FREE SPACE	WITHOUT PTO TRANSMISSION SIDE, FREE SPACE
S	B83013	BODY BUILDER INTERFACE	W/O BODY BUILDER INTERFACE
S	997AA2	CERTIFIED WEIGHT	CERTIFIED WEIGHT
S	OBS01S	ON BOARD SCALES (CA)	W/O ON BOARD SCALES
S	3FAZ1X	BULK UNLOADING ADAPTATION	WITHOUT AIR UNLOAD SYSTEM
S	548AA1	COLLISION WARNING SYSTEM	W/O COLLISION WARNING SYSTEM
S	G8CZ1X	ACC TIME GAP CONFIG SETTING	WITHOUT TIME GAP SETTINGS
S	M32012	CWS VOLUME LEVEL	WITHOUT CWS VOLUME LEVEL
S	7OXZ1X	LANE SUPPORT SYSTEM	WITHOUT LANE SUPPORT SYSTEM
S	015025	FRAME MODIFICATIONS	NO FRAME MODIFICATIONS PROVIDED

**CAB (A THRU G)**

**Description**

S	173AA5	AIR CONDITIONING/HEATER	BLEND AIR HVAC W/ATC* TEMP REGULATION
S	0EAC1X	AIR INTAKE GRILLE, FINISH	BLACK GRILLE
S	PVXZ1X	AIR RESTRICTION INDICATOR	W/O AIR RESTRICTION MONITOR (displayed in CO-Pilot only)
S	Q2AA1X	CAB INSTEP VERSION	FURNISH STANDARD (2) STEP CAB ACCESS OPTION



S	145AA1	CAB GLASS	FINISHED WINDSHIELD & SIDE WINDOWS & REAR WINDOW (IF EQUIPPED)
S	Q4XADX	CAB PEEP WINDOW	PEEP WINDOW ON RIGHT SIDE NON STG WHL POS. DEPEND
S	10XAHX	DOME LAMP, INTERIOR	(4) DOME LAMPS - DOOR AND SWITCH ACTIVATED
S	88AA1X	EMBLEMS OPTION	W/O MISC ORNAMENT CHANGE OPTION
S	2KXA1X	FRONT WHEEL OPENING	BASIC FRONT WHEEL OPENING
	786058	FIRE EXTINGUISHER	2.5LB (ABC RATED/AMEREX) BETWEEN DRIVER SEAT AND DOOR VALVE AIMED REARWARD
	184AA3	FLOOR COVERING	POLYURETHANE FLOOR MAT W/POLYURETHANE INSERTS BOTH DRIVER & PASSENGER SIDES
	CCXG1X	GAUGE - PACKAGE, SECONDARY	2ND GA PKG W/BOOST PRESS,TRANS OIL TEMP,PYRO,APP AIR PRESS
	D9AAAX	GAUGE - EXHAUST PYROMETER	GAUGE, EXHAUST PYROMETER
S	E1AZ1X	GAUGE - REAR AXLE OIL TEMP	WITHOUT REAR AXLE OIL TEMPERATURE GAUGE
	E2AAAX	GAUGE - MANIFOLD PRESSURE	GAUGE, ELECTRICAL
	I2AAAX	SERVICE TRAILER BRAKE PRESSURE	BRAKE PRESSURE APPLICATION GAUGE, ELECTRONIC
S	M3AZ1X	GAUGE - REAR AIR SUSP PRESSURE	WITHOUT REAR AIR SUSPENSION GAUGE
	E0AAAX	GAUGE - TRANSMISSION OIL TEMP	TRANSMISSION OIL TEMP GAUGE
S	198048	GAUGES - UNIT OF MEASURE	U.S. UNITS (PREDOMINANT)
	587087	GRAB HANDLES	BF EXTERIOR CAB GRAB HANDLES, BL GRAB HANDLE RH INTERIOR WINDSHIELD POST
S	400AA1	GRILLE	BRIGHT FINISH (CHROME) GRILLE W/BLACK BACKGROUND

**CAB (H THRU R)**

**Description**

S	4UAA1X	HOOD LATCH FINISH	PAINTED HOOD LATCHES
	154AA3	HORN - AIR	(2) MACK RECTANGULAR SINGLE TRUMPET (ONE EACH SIDE OF CAB ROOF)
S	LXXG1X	HORN - ELECTRICAL	SINGLE TONE
	UQXZ1X	DASH PANEL BOX	W/O UPPER STORAGE OPTION
S	C52082	INSTMNT CLUSTER LANGUAGE	DEFAULT: English, Spanish, French, OPTION: None
S	160AA2	KEYED ALIKE CHASSIS	CHASSIS KEYED AT RANDOM - 2 KEYS
S	13AA1X	DOOR OPENING OPTIONS	W/O ELECTRONIC KEYLESS ENTRY
	152AB3	MIRRORS - EXTERIOR	AERO - BRIGHT FINISH HEATED AND MOTORIZED RH & LH WITH INTEGRATED CONVEX MIRROR
S	153AA1	MIRRORS - CONVEX TYPE CAB DOORS	WITH AERO MIRRORS
S	15H01H	MIRROR - CONVEX HOOD & FENDER	WITHOUT CONVEX TYPE
S	43X60X	MIRRORS - PROXIMITY	W/O OPTIONAL VISIBILITY MIRROR
	E3XD1X	FORWARD OVERHEAD STORAGE	(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS
S	0BAZ1X	PERMIT PLATE	W/O PERMIT PLATE OPTION
S	17400N	AUDIO ACCOMMODATION	AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH
S	73AJ1X	ANTENNA - RADIO	48" ANTENNA RIGHT SIDE MIRROR MOUNTED
S	19AZ1X	ANTENNA - SATELLITE	W/O SATELLITE RADIO ANTENNA
	5BX85X	ANTENNA - CB RADIO	48" ANTENNA LEFT SIDE MIRROR MOUNTED

			TEMP					
S	198048	GAUGES - UNIT OF MEASURE	U.S. UNITS (PREDOMINANT)			0	0	0
	5870B7	GRAB HANDLES	BF EXTERIOR CAB GRAB HANDLES, BL GRAB HANDLE RH INTERIOR WINDSHIELD POST			0	0	0
S	400AA1	GRILLE	BRIGHT FINISH (CHROME) GRILLE W/BLACK BACKGROUND			0	0	0
CAB (H THRU R)			Description	Front Weight (LB)	Rear Weight (LB)	List Price		
	4UAB1X	HOOD LATCH FINISH	HOOD LATCHES, BRIGHT FINISH	0	0	125		
	154AA3	HORN - AIR	(2) MACK RECTANGULAR SINGLE TRUMPET (ONE EACH SIDE OF CAB ROOF)	9	0	101		
S	LXXC1X	HORN - ELECTRICAL	SINGLE TONE	0	0	0		
	UQXZ1X	DASH PANEL BOX	W/O UPPER STORAGE OPTION	0	0	0		
S	C520B2	INSTMNT CLUSTER LANGUAGE	DEFAULT: English, Spanish, French, OPTION: None	0	0	0		
S	160AA2	KEYED ALIKE CHASSIS	CHASSIS KEYED AT RANDOM - 2 KEYS	0	0	0		
S	13AA1X	DOOR OPENING OPTIONS	W/O ELECTRONIC KEYLESS ENTRY	0	0	0		
	152AB3	MIRRORS - EXTERIOR	AERO - BRIGHT FINISH HEATED AND MOTORIZED RH & LH WITH INTEGRATED CONVEX MIRROR	7	0	412		
S	153AA1	MIRRORS - CONVEX TYPE CAB DOORS	WITH AERO MIRRORS	0	0	0		
S	16H01H	MIRROR - CONVEX HOOD & FENDER	WITHOUT CONVEX TYPE	0	0	0		
S	43X50X	MIRRORS - PROXIMITY	W/O OPTIONAL VISIBILITY MIRROR	0	0	0		
	E3XD1X	FORWARD OVERHEAD STORAGE	(2) STORAGE COMPARTMENTS AND NET RETAINERS W/CENTER MOUNTING FOR CB PROVISIONS	0	0	0		
S	0BAZ1X	PERMIT PLATE	W/O PERMIT PLATE OPTION	0	0	0		
S	17400N	AUDIO ACCOMMODATION	AM/FM PREMIUM STEREO, CD-PLAYER, MP3, WEATHERBAND, HANDSFREE INTERFACE, BLUETOOTH	0	0	0		
S	73AJ1X	ANTENNA - RADIO	48" ANTENNA RIGHT SIDE MIRROR MOUNTED	0	0	0		
S	19AZ1X	ANTENNA - SATELLITE	W/O SATELLITE RADIO ANTENNA	0	0	0		
	5BXB5X	ANTENNA - CB RADIO	48" ANTENNA LEFT SIDE MIRROR MOUNTED	0	0	53		
S	0LAZ1X	AUDIO SHUTOFF	W/O AUTO RADIO SHUTOFF OPTION	0	0	0		
S	1WAB1X	POWER LEADS	POWER LEADS (6-WAY BINDING POSTS FOR CB RADIO) IN HEADER CONSOLE	0	0	0		
S	5CXB2X	AUDIO SPEAKER LOCATION	SPEAKER LOCATION, IN DOORS, MIDDLE HIGH SIDE PANEL	0	0	0		
S	3JAZ1X	COMMUNICATION RADIO	W/O CB RADIO	0	0	0		
S	5JXALX	COM.RADIO PREP KIT (CB)	PROVIDE MOUNTING PLATE AND VELCRO STRAP IN HEADER CONSOLE	0	0	0		
S	21XA1X	AUXILIARY REAR WINDOW	REAR WINDOW (FIXED TYPE)	0	0	0		
S	7QAZ1X	REFLECTORS - AUXILIARY	W/O ADDITIONAL REFLECTORS	0	0	0		
S	784014	REFLECTOR KIT	W/O REFLECTOR KIT OPTION	0	0	0		
S	312AA6	ROOF MARKER LIGHT	(5) TRUCKLITE LED CHROME BULLET TYPE LAMPS	3	0	0		
S	IFXB1X	REAR WALL STORAGE COMPARTMENT	STORAGE POUCH REAR	0	0	0		

WHEELS & TIRES		Description
S	4WCC1X	GHG STEER TIRE CATEGORY (PAWS) LOW ROLLING RESISTANCE, BETTER FUEL ECONOMY
	8002M0	TIRES BRAND/TYPE - FRONT 11R22.5 G BRIDGESTONE R283A ECOPIA (Total for QTY = 2)
S	H8CB1X	TIRE SPEED LIMIT TIRE SPEED LIMIT BASIC
S	531A14	WHEELS - FRONT 22.5x8.25 ALCOA LVL ONE ALUM DISC 10-HOLE HUB PILOTED (Total for QTY = 2)
	49AA1X	WHEEL FINISHING, FRONT POLISHED ALUMINUM DISC OUTSIDE SURFACE ONLY (Total for QTY = 2)
S	FWT002	FRONT AXLE TIRE & WHEEL QUANTITY TWO FRONT TIRES & WHEELS
	4XCG1X	GHG DRIVE TIRE CATEGORY (PAWS) OTHER (NON-SPECIFIED), VERY POOR FUEL ECONOMY
	9013E1	TIRES BRAND/TYPE - REAR 11R22.5 G BRIDGESTONE M726 EL A (DRIVE ONLY) (Total for QTY = 8)
S	346A17	WHEELS - REAR 22.5x8.25 ALCOA LVL ONE ALUM DISC 10-HOLE HUB PILOTED (11 1/4" 288mm BOLT CIRCLE) (Total for QTY = 8)
	235095	REAR DISC WHEEL:POLISH PDLISHED ALUMINUM DISC - ALL WHEELS - CONCAVE SIDE DUAL (Total for QTY = 8)
S	RWT008	REAR AXLE TIRE & WHEEL QUANTITY EIGHT REAR AXLE TIRES & WHEELS
S	H1EB1X	DRIVE WHEEL STUDS DRIVE WHEEL STUDS LONGER LENGTH
S	FIX21X	HUB/WHEEL ISOLATOR W/O FRONT WHEEL GUARD OPTION FRONT
S	FMX21X	HUB/WHEEL ISOLATOR W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM DRIVE
S	15XABX	TIRE INFLATION VALVE PROVIDE STANDARD VALVE STEMS AND CAPS
S	8VXZ1X	SPARE WHEEL W/O SPARE WHEEL W/TIRE

COMMUNICATION SYSTEMS		Description
S	9XDZ1X	SOFTWARE DOWNLOAD PASSWORD WITHOUT SOFTWARE DOWNLOAD PASSWORD
S	9YDZ1X	SOFTWARE DOWNLOAD NOTIFICATION WITHOUT SOFTWARE DOWNLOAD NOTIFICATION
S	3YAA1X	CO-PILOT - DISPLAY FEATURES ACCESS LEVEL DISPLAY FEATURES, LIMITED, NO DRIVER ACCESS LEVEL 1
S	621000	QUAL-COMM FACTORY PREP KITS W/O NAVIGATION/COMM DEVICE
S	3RAZ1X	FLEET TRIP MANAGEMENT WITHOUT FLEET TRIP MANAGEMENT DRIVER CONTROL
S	M30060	TELEMATIC GATEWAY GUARDDOG CONNECT WITH 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES
S	U5CD1X	REMOTE SOFTWARE UPGRADE REMOTE SOFTWARE UPGRADE ENABLED

VEHICLE ELECTRONICS		Description
S	X3CB1X	DRIVER ID FUNCTION DRIVER ID FUNCTION, DISABLED
S	X5CZ1X	DRIVER ID, RESET TIMER WITHOUT RESET DRIVER ID TIMER
S	X4CZ1X	DRIVER ID, ALERT TIMER WITHOUT DRIVER ID ALERT TIMER
S	E7AZ1X	FUEL ECONOMY INCENTIVE PROGRAM WITHOUT FUEL ECONOMY INCENTIVE PROGRAM
S	E8AZ1X	FUEL ECON RWRD, SPD LMT INCRS WITHOUT FUEL ECONOMY REWARD, SPEED LIMIT INCREASE
S	E9AZ1X	FUEL ECON PNLT, WITHOUT FUEL ECONOMY PENALTY, SPEED LIMIT DECREASE

S	9U02MU	TIRES BRAND/TYPE - FRONT	11R22.5 G BRIDGESTONE R283A ECOPIA (Total for QTY = 2)	234	0	4
S	H8CB1X	TIRE SPEED LIMIT	TIRE SPEED LIMIT BASIC	0	0	0
S	531A14	WHEELS - FRONT	22.5x8.25 ALCOA LVL ONE ALUM DISC 10-HOLE HUB PILOTED (Total for QTY = 2)	89	0	0
S	49AA1X	WHEEL FINISHING, FRONT	POLISHED ALUMINUM DISC OUTSIDE SURFACE ONLY (Total for QTY = 2)	0	0	68
S	FWT002	FRONT AXLE TIRE & WHEEL QUANTITY	TWO FRONT TIRES & WHEELS	0	0	0
S	4XCG1X	GHG DRIVE TIRE CATEGORY (PAWS)	OTHER (NON-SPECIFIED), VERY POOR FUEL ECONOMY	0	0	0
S	18013E1	TIRES BRAND/TYPE - REAR	11R22.5 G BRIDGESTONE M728 ELA (DRIVE ONLY) (Total for QTY = 8)	0	1,059	784
S	348A17	WHEELS - REAR	22.5x8.25 ALCOA LVL ONE ALUM DISC 10-HOLE HUB PILOTED (11 1/4" 286mm BOLT CIRCLE) (Total for QTY = 8)	0	353	0
S	235095	REAR DISC WHEEL:POLISH	POLISHED ALUMINUM DISC - ALL WHEELS - CONCAVE SIDE DUAL (Total for QTY = 8)	0	0	376
S	RWT008	REAR AXLE TIRE & WHEEL QUANTITY	EIGHT REAR AXLE TIRES & WHEELS	0	0	0
S	H1EB1X	DRIVE WHEEL STUDS	DRIVE WHEEL STUDS LONGER LENGTH	0	0	0
S	FIXZ1X	HUB/WHEEL ISOLATOR FRONT	W/O FRONT WHEEL GUARD OPTION	0	0	0
S	FMXZ1X	HUB/WHEEL ISOLATOR DRIVE	W/O PROTECTIVE NYLON SPACER BETWEEN DISCS WHEEL TO DRUM	0	0	0
S	15XABX	TIRE INFLATION VALVE	PROVIDE STANDARD VALVE STEMS AND CAPS	0	0	0
S	6VXZ1X	SPARE WHEEL	W/O SPARE WHEEL W/TIRE	0	0	0

COMMUNICATION SYSTEMS			Description	Front Weight (LB)	Rear Weight (LB)	List Price
S	9XDZ1X	SOFTWARE DOWNLOAD PASSWORD	WITHOUT SOFTWARE DOWNLOAD PASSWORD	0	0	0
S	9YDZ1X	SOFTWARE DOWNLOAD NOTIFICATION	WITHOUT SOFTWARE DOWNLOAD NOTIFICATION	0	0	0
S	3YAA1X	CO-PILOT - DISPLAY FEATURES ACCESS LEVEL	DISPLAY FEATURES, LIMITED, NO DRIVER ACCESS LEVEL 1	0	0	0
S	621000	QUAL-COMM FACTORY PREP KITS	W/O NAVIGATION/COMM DEVICE	0	0	0
S	3RAZ1X	FLEET TRIP MANAGEMENT	WITHOUT FLEET TRIP MANAGEMENT DRIVER CONTROL	0	0	0
S	M30080	TELEMATIC GATEWAY	GUARDDOG CONNECT WITH 4G/LTE AND WLAN SYSTEM WITH DIAGNOSTIC SERVICES	0	0	0
S	U5CD1X	REMOTE SOFTWARE UPGRADE	REMOTE SOFTWARE UPGRADE ENABLED	0	0	0

VEHICLE ELECTRONICS			Description	Front Weight (LB)	Rear Weight (LB)	List Price
S	X3CB1X	DRIVER ID FUNCTION	DRIVER ID FUNCTION, DISABLED	0	0	0
S	X6CZ1X	DRIVER ID, RESET TIMER	WITHOUT RESET DRIVER ID TIMER	0	0	0
S	X4CZ1X	DRIVER ID, ALERT TIMER	WITHOUT DRIVER ID ALERT TIMER	0	0	0
S	E7AZ1X	FUEL ECONOMY INCENTIVE PROGRAM	WITHOUT FUEL ECONOMY INCENTIVE PROGRAM	0	0	0
S	E8AZ1X	FUEL ECON RWRD, SPD LMT INCRS	WITHOUT FUEL ECONOMY REWARD, SPEED LIMIT INCREASE	0	0	0

S	P8CZ1X	MASS SENSING TORQUE LIMITATION	W/O LOADSENSE TORQUE LIMITATION (use for ALL non mDRIVE transmissions)
S	F2AZ1X	PTO 1ST, SINGLE SPEED CONTROL	WITHOUT PTO 1ST, SINGLE SPEED CONTROL
S	F3AZ1X	PTO1 SINGLE SPEED CONTROL RPM.	WITHOUT PTO 1ST, SINGLE SPEED SETTING
S	F5AZ1X	PTO 1ST, MAX ROAD SPEED	WITHOUT 1ST PTO, MAX ROAD SPEED
S	F6AZ1X	PTO 1ST, SPEED RAMP RATE	WITHOUT PTO 1ST, SPEED RAMP RATE
S	F7AZ1X	PTO 1ST, MAX ENGINE SPEED	WITHOUT PTO 1ST, MAX ENGINE SPEED
S	F8AZ1X	PTO 1ST, ROAD SPEED LIMIT	WITHOUT PTO 1ST, ROAD SPEED LIMIT
S	X3AZ1X	PTO 1ST,JUMP TO MIN ENG SPEED	WITHOUT PTO 1ST, JUMP TO MINIMUM ENGINE SPEED
S	F9AZ1X	PTO 1ST, MINIMUM ENGINE SPEED	WITHOUT PTO 1ST, MINIMUM ENGINE SPEED
S	G0AZ1X	PTO 1ST,AUTO SET SINGLE SPEED	PTO 1ST, AUTO SET SINGLE SPEED, DISABLE
S	H2AZ1X	PTO 2ND, SINGLE SPEED CONTROL	WITHOUT 2ND PTO, SINGLE SPEED CONTROL
S	H8AZ1X	PTO 2ND, SINGLE SPEED SETTING	WITHOUT PTO 2ND, SINGLE SPEED SETTING
S	H0AAEX	PTO 2ND, MAX ROAD SPEED	WITHOUT 2ND PTO, MAX ROAD SPEED
S	G9AZ1X	PTO 2ND, SPEED RAMP RATE	WITHOUT PTO 2ND, SPEED RAMP RATE
S	H7AZ1X	PTO 2ND, MAX ENGINE SPEED	WITHOUT PTO 2ND, MAX ENGINE SPEED
S	H5AZ1X	PTO 2ND, ROAD SPEED LIMIT	WITHOUT PTO 2ND, ROAD SPEED LIMIT
S	X4AZ1X	PTO 2ND,JUMP TO MIN ENG SPEED	WITHOUT PTO 2ND, JUMP TO MINIMUM ENGINE SPEED
S	G8AZ1X	PTO 2ND, MINIMUM ENGINE SPEED	WITHOUT PTO 2ND, MINIMUM ENGINE SPEED
S	H4AZ1X	PTO 2ND,AUTO SET SINGLE SPEED	PTO 2ND, AUTO SET SINGLE SPEED, DISABLE
S	Y9CR1X	TRANS PTO1 SPLITTER RANGE	PTO1 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED
S	Z1CR1X	TRANS PTO2 SPLITTER RANGE	PTO2 FOR SPLITTER RANGE - KEYPAD REMOTE CONTROLLED
S	W5BJ2X	MAXIMUM ENG SPEED AT 0 MPH	1950 MAXIMUM ENGINE SPEED AT 0 MPH
S	O1AZ1X	ACCELERATOR LIMITER	WITHOUT ACCELERATOR LIMITER
S	JCXE6X	ROAD SPEED LIMITER SETTING	105 KM/HOUR ROAD SPEED LIMITER(65 MILES/HOUR)
S	Y3CC6X	PEDAL RSL SETTING	105 KM/H PEDAL ROAD SPEED LIMITER (65MPH)
S	U4AZ1X	LOW GEAR LIMITING FEATURE	WITHOUT LOWER GEAR VEHICLE LIMITING FEATURE
S	U5AZ1X	LOW GEAR LIMITING SPEED	WITHOUT LOW GEAR VEHICLE LIMITING SPEED
S	X2BB1X	ROAD SPEED LIMIT CONTROL TYPE	WITH RSL CONTROL TYPE NORMAL
S	L1CZ1X	PDLO ENGAGE VLS FEATURE	DISABLE POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT
S	L2CA1X	PDLO ENGAGED VLS	POWER DIVIDER LOCK OUT (PDLO) ROAD SPEED LIMIT 8KMH (5MPH)
S	JFXLLX	CRUISE CONTROL, MAX SPEED	MAX CRUISE, 105 KPH (65 MPH)
S	E3AACX	CRUISE CONTROL MIN SPEED	MIN CRUISE, 32 KPH (20 MPH)
S	E4AAAX	CRUISE RESUME WITH CLUTCH	CRUISE RESUME WITH CLUTCH

S	E5AACX	ENG BRK ENGAGE IN CRUISE	ENG BRK ENGAGE IN CRUISE, 3 MPH, ABOVE SET SPEED
S	JDXA1X	CRUISE CONTROL	WITH CRUISE CONTROL
S	L6CZ1X	PTO1 HOLD TO NEAREST RPM	WITHOUT PTO1 HOLD
S	L7CZ1X	PTO1 ACCEL BUMP-UP RPM	WITHOUT PTO1 ACCEL "BUMP-UP" RPM
S	L8CZ1X	PTO1 DECEL BUMP-DOWN RPM	WITHOUT PTO1 DECEL "BUMP-DOWN" RPM
S	L3CZ1X	PTO2 HOLD TO NEAREST RPM	WITHOUT PTO2 HOLD
S	L4CZ1X	PTO2 ACCEL BUMP-UP RPM	WITHOUT PTO2 ACCEL "BUMP-UP" RPM
S	L5CZ1X	PTO2 DECEL BUMP-DOWN RPM	WITHOUT PTO2 DECEL "BUMP-DOWN" RPM
S	K7XH3X	ENGINE IDLE CONTROL	IDLE CONTROL, 650 RPM
S	I1AZ1X	LOW IDLE RPM ADJUSTMENT	WITHOUT LOW IDLE RPM ADJUSTMENT
S	M6AZ1X	ENGINE IDLE ADJUST	WITHOUT ENGINE IDLE ADJUST
S	X0AB0X	SMART IDLE ELEVATED IDLE RPM TIME	INCREASE 10 MINUTE MAXIMUM TIME
S	M3CA1X	IDLE S/D ABS TAMPER CHECK	IDLE SHUTDOWN ABS TAMPER CHECK, ENABLED
S	B2AZ1X	ENGINE IDLE COOLDOWN	ENGINE IDLE COOLDOWN, DISABLE
S	A3AZ1X	IDLE SHUTDOWN	ENGINE IDLE SHUTDOWN, DISABLE
S	E0XGAX	ENGINE IDLE SHUTDOWN TIME	IDLE SHUTDOWN TIME 10 MIN.
S	A8AALX	IDLE S/D IF WARM-UP TEMP	38C DEG (100F), WARM UP TEMP DELAY
S	A4AAEX	IDLE S/D WARM-UP TIMER	6 MIN. WARM UP TIME DELAY
S	A7AZ1X	IDLE S/D IF EHT ACTIVE	WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF EHT ACTIVE
S	A8AZ1X	IDLE S/D IF PTO ACTIVE	WITHOUT ENGINE IDLE SHUTDOWN TIME OVERRIDE IF PTO ACTIVE
S	B0AAAX	IDLE SHUTDOWN IF POWER > LIMIT	ENG IDLE SHUTDOWN TIME OVERRIDDEN IF TORQUE > THAN LIMIT
S	M4CB1X	IDLE S/D OVERRIDE %ENGINE LOAD	IDLE SHUTDOWN OVERRIDE UPTO 20% ENGINE LOAD THRESHOLD
S	A9AZ1X	IDLE SHUTDOWN CONTROL	WITHOUT IDLE SHUTDOWN CONTROL
S	D2AAFx	AMBIENT TEMP MIN TRESHOLD	AMBIENT TEMP MIN TRESHOLD, 16 DEG C, (60 DEG F)
S	D3AAEX	AMBIENT TEMP MAX TRESHOLD	AMBIENT TEMP MAX TRESHOLD, 27 DEG C, (80 DEG F)
S	B3ABAX	EL HD THROTTLE,MAX ROAD SPEED	ELECTRONIC HAND THROTTLE, MAX ROAD SPEED, 16 KMH (10 MPH)
S	B6ACEX	EL HAND THROTTLE,MAX ENG SPEED	ELECTRONIC HAND THROTTLE, MAX ENGINE SPEED, 2100 RPM
S	B4ADAX	EL HAND THROTTLE,MIN ENG SPEED	ELECTRONIC HAND THROTTLE, MIN ENGINE SPEED, 700 RPM
S	B9AZ1X	EL HD THROTTLE,SPEED RAMP RATE	WITHOUT ELECTRONIC HAND THROTTLE, SPEED RAMP RATE
S	B7AZ1X	EL HD THROTTLE,SGL SPEED CNTRL	WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED CONTROL
S	B8AZ1X	EL HAND THROTTLE,SGL SPEED SET	WITHOUT ELECTRONIC HAND THROTTLE, SINGLE SPEED SETTING
S	C0AZ1X	EHT, JUMP TO MIN ENG SPEED	WITHOUT ELECTRONIC HAND THROTTLE, JUMP TO MIN. ENGINE SPEED

S	L9CZ1X	EHT HOLD TO NEAREST RPM	WITHOUT ELECTRONIC HAND THROTTLE HOLD
S	M1CZ1X	EHT ACCEL BUMP-UP RPM	WITHOUT ELECTRONIC HAND THROTTLE ACCEL "BUMP-UP"
S	M2CZ1X	EHT DECEL BUMP-DOWN RPM	WITHOUT ELECTRONIC HAND THROTTLE DECEL "BUMP-DOWN"
S	X1AZ1X	DRL OVERRIDE SW TIMED	WITHOUT DAYTIME RUNNING LAMP OVERRIDE SW
S	X2AZ1X	DRL OVERRIDE SPEED THRESHOLD	WITHOUT DRL OVERRIDE SPEED THRESHOLD

PAINT		Description
S	950AC0	PAINT/VINYL STRIPING - CAB EXTERIOR SINGLE COLOR
S	924014	PAINT TYPE SOLID PAINT
	944CK5	PAINT COLOR - FIRST COLOR VIPER RED 75034PP; P9192
S	945998	PAINT COLOR - SECOND COLOR NO SECOND TRUCK COLOR PROVIDED; NO COLOR
S	946998	PAINT COLOR - THIRD COLOR NO THIRD TRUCK COLOR PROVIDED; NO COLOR
S	996AA3	PAINT - CAB PAINT SYSTEM PAINT - CAB, URETHANE CLEAR COAT
S	MPB944	CAB COLOR SAME AS FIRST COLOR - CAB
S	MPD944	PAINT: HOOD COLOR SAME AS FIRST COLOR- HOOD
S	MPC998	PAINT: SLEEPER ROOF COLOR WITHOUT SLEEPER ROOF COLOR
S	943998	CHASSIS FAIRING COLOR WITHOUT CHASSIS FAIRINGS
S	MPA998	PAINT: ROOF FAIRING COLOR WITHOUT ROOF FAIRING
S	966998	SUN VISOR COLOR WITHOUT SUN VISOR PAINT
S	951AA6	PAINT - CHASSIS RUNNING GEAR MACK BLACK (URETHANE)
	940998	MIRROR COVER COLOR WITHOUT MIRROR COVER PAINT
S	958028	PAINT: BUMPER W/O OPTIONAL BUMPER PAINT
S	959019	PAINT: FUEL TANK W/O OPTIONAL FUEL TANK PAINT
	7HBZ1X	FUEL TANK PAINT PROCESS CODE W/O PAINT FOR FUEL TANK (7HB-Z1X)
	07XZ1X	FRONT WHEEL PAINT WITHOUT SPECIAL PRE-FINISHED OPTION
	08XZ1X	DRIVE WHEEL PAINT WITHOUT SPECIAL PRE-FINISHED OPTION
S	954AA1	PAINT: DISC WHEELS- FRONT WITHOUT PAINT
S	955AA1	PAINT: DISC WHEELS- REAR WITHOUT PAINT
S	962032	PAINT: HUBS & DRUMS- FRONT SAME AS CHASSIS RUNNING GEAR
S	963033	PAINT: HUBS & DRUMS- REAR SAME AS CHASSIS RUNNING GEAR

CALCULATED CODES - KAX		Description
	Y0XC1X	FRONT RIDE HEIGHT AT FULL LOAD RIDE HIGHT 190MM TO 205 MM CL AXLE TO LOWER FRAME FLANGE
	4CAAFX	NUMBER OF OPTIONAL SWITCHES, 6
S	9JXA1X	PROPCALC SELECTION YES, THE ORDER MUST BE CALCULATED

IJXA2X	NUMBER OF PROP.SHAFTS	TWO PIECE PROP.SHAFTS
TFXH VX	PROP.SHAFT LENGTH, MAIN AXLE	MAIN PROP.SHAFT LENGTH 750
TDXNKX	PROP.SHAFT LENGTH, FIRST AXLE	FIRST PROP.SHAFT LENGTH 1125
TNXCA X	PROP.SHAFT FIRST BRKT VERTICAL	PROP.SHAFT FIRST BRKT, POS 01
TSXA1X	PROP.SHAFT 1 BRKT POS, HORIZON	PROP.SHAFT 1 BRKT POSITION C
XMxA1X	PROP SHAFT BRKT, FIRST, ANGLE	PROP. SHAFT BRACKET FIRST POSITION ANGLE BASIC (90 DEGREES)
X2XJBX	CROSSMEMBER '1' LOCATION	CROSSMEMBER1 X=5250MM
D5EA1X	AUTO ROUTING & CLIPPING, CENTER	AUTOMATIC ROUTING & CLIPPING PLACEMENT, CENTER SECTION
C2EDAX	ROUTING BRACKET POSITION 3A RH	ROUTING BRACKET POSITION 3A (RIGHT FRAME), XM=5750
C4EDAX	ROUTING BRACKET POSITION 4A LH	ROUTING BRACKET POSITION 4A (LEFT FRAME), XM=5750

**BASE WARRANTY & PURCHASED COVERAGES**

		Description
S	M98018	WARRANTY REGISTRATION LOCATION US - WARRANTY REGISTRATION LOCATION
S	898002	VEHICLE WARRANTY TYPE NORMAL DUTY WARRANTY CLASSIFICATION
S	M50020	BASIC CHASSIS COVERAGE NORMAL DUTY STANDARD BASE COVERAGE 12/MONTHS/100,000 MILES (161,000KM)
S	M51021	ENGINE WARRANTY MACK MP7/MP8 BASE ENGINE COVERAGE 24 MONTHS / 250,000 MILES (402,000KM)
S	M52022	EMISSION COMPONENT COVERAGE US and CANADA EQUIPPED VEHICLE EMISSION COMPONENTS COVERAGE 60 MONTHS/100,000 MILES (161,000 KM)
S	M53Z1X	MACK ENGINE EXHAUST AFTER TREATMENT COVERAGE W/O MACK ENGINE EXHAUST AFTERTREATMENT TREATMENT PROTECTION PLAN
S	M54054	TRANSMISSION WARRANTY mDRIVE TRANSMISSION NORMAL DUTY COVERAGE: 60 MONTHS OR 750,000 MILES
S	M710J1	mDRIVE CLUTCH PROTECTION PLAN WITHOUT mDRIVE CLUTCH PROTECTION PLAN
S	M55055	CARRIER & AXLE HOUSING WARRANTY STANDARD VENDOR NORMAL / HEAVY DUTY COVERAGE 38 MONTHS/350,000 (563,00 KM)
S	M56028	AIR CONDITIONING WARRANTY AIR CONDITIONING STANDARD COVERAGE (Sealed System Only) 12 MONTHS UNLIMITED MILEAGE
S	M57027	CHASSIS TOWING WARRANTY STANDARD NORMAL / HEAVY DUTY CHASSIS TOWING 90 DAYS OR 5,000 MILES
S	M58028	ENGINE TOWING WARRANTY STANDARD MACK ENGINE TOWING COVERAGE 24 MONTHS/250,000 MILES (402,000 KM)
S	M73000	TURBO COMPOUND PROTECTION PLANS W/O TURBO COMPOUND PROTECTION PLAN
S	M61Z1X	ALTERNATOR & STARTER WARRANTY W/O ALTERNATOR and STARTER EXTENDED WARRANTY COVERAGE
S	M59Z1X	STARTER WARRANTY W/O STARTER PURCHASED COVERAGE
S	M60Z1X	ALTERNATOR WARRANTY W/O ALTERNATOR PURCHASED COVERAGE
S	M690F9	GUARDDOG CONNECT BUNDLE 24 MONTH - GUARDDOG CONNECT WITH MACK OTA (with ASIST and Mack OneCall))
S	M72Z1X	OMNITRACS FOR MACK TRUCKS WITHOUT OMNITRACS FOR MACK TRUCKS
S	M68Z1X	PARTNERED SERVICES W/O TELOGIS PACKAGE
S	M65Z1X	PREMIUM MAINTENANCE PLAN 1 W/O PREMIUM MAINTENANCE PLAN



& PLAN 2

- S M66Z1X PREMIUM MAINTENANCE AFTERTREATMENT PLAN W/O AFTERTREATMENT PREMIUM MAINTENANCE PLAN
- S M67017 PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION W/OUT PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION COVERAGE
- S M99000 CUSTOM/BUNDLED PURCHASE COVERAGE OPTIONS W/O CUSTOM/BUNDLED PURCHASE COVERAGE OPTION

S	M72Z1X	OMNITRACS FOR MACK TRUCKS	WITHOUT OMNITRACS FOR MACK TRUCKS	0	0	0
S	M68Z1X	PARTNERED SERVICES	W/O TELOGIS PACKAGE	0	0	0
S	M65Z1X	PREMIUM MAINTENANCE PLAN 1 & PLAN 2	W/O PREMIUM MAINTENANCE PLAN	0	0	0
S	M66Z1X	PREMIUM MAINTENANCE AFTERTREATMENT PLAN	W/O AFTERTREATMENT PREMIUM MAINTENANCE PLAN	0	0	0
S	M67017	PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION	WITHOUT PREMIUM MAINTENANCE - CHASSIS LUBE AND INSPECTION COVERAGE	0	0	0
S	M99000	CUSTOM/BUNDLED PURCHASE COVERAGE OPTIONS	W/O CUSTOM/BUNDLED PURCHASE COVERAGE OPTION	0	0	0

**Totals**

Total Weight (LB)	8874	8087	18,961
Total List Price (\$)			164,010.00

#6 \$136,900.

REPLACEMENT VEHICLE  
2xK2048X17MD04578  
MPG 8.4



Tri-State Kenworth - Enfield C975

H I STONE  
MAIN ST

\$136,900

United States  
Phone:  
Fax:  
Email:

SOUTHBURY, Connecticut United States 06777  
Phone: (203) 509-5057  
Fax:  
Contact Email:  
Prepared for: Default Contact

### Vehicle Summary

	<b>Unit</b>		<b>Chassis</b>	
Model:	T680 Series Conventional	Fr Axle Load (lbs):		12350
Type:	TRACTOR	Rr Axle Load (lbs):		40000
Description:		G.C.W. (lbs):		80000
	<b>Application</b>	Road Conditions:		
Intended Serv.:	Linehaul. Vehicles (trucks or tractors) used in	Class A (Highway)		90
Commodity:	Liquid petroleum products	Class B (Hwy/Mtn)		10
	<b>Body</b>	Class C (Off-Hwy)		00
Type:		Class D (Off-Road)		00
Length (ft):	0.0	Maximum Grade:		6
Height (ft):	0.0	Wheelbase (in):		191
Max Laden Weight (lbs):	0	Overhang (in):		66
	<b>Trailer</b>	Fr Axle to BOC (in):		68
No. of Trailer Axles:	2	Cab to Axle (in):		123
Type:	Tank	Cab to EOF (in):		189
Length (ft):	45.0	Overall Comb. Length (in):		755
Height (ft):	13.0			
Kingpin Inset (in):	18	<b>Special Req.</b>		
Corner Radius (in):	1	U.S. Domestic Registry, 50-State		
	<b>Restrictions</b>			
Length (ft):	120			
Width (in):	102			
Height (ft):	13.5			

Approved by:

Date: 7-30-18

Note: All sales are F.O.B. designated plant of manufacture.

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Printed:	2/8/2018 2:30:26 PM	Complete	Model Number:	T680 Series Conventional
Effective Date:	Jul 1, 2017		Quote/DTPO/CO:	Q02897440
Prepared by:	ID: TJennings		Version Number:	40.30

# 7

\$136,900.

Requirement Vehicle  
52KDD48YX7M064577  
MPG 3.4



Tri-State Kenworth - Enfield C975

H I STONE  
MAIN ST

\$136,900

United States  
Phone:  
Fax:  
Email:

SOUTHBURY, Connecticut United States 06777  
Phone: (203) 509-5057  
Fax:  
Contact Email:  
Prepared for: Default Contact

### Vehicle Summary

	Unit	Chassis	
Model:	T680 Series Conventional	Fr Axle Load (lbs):	12350
Type:	TRACTOR	Rr Axle Load (lbs)	40000
Description:		G.C.W. (lbs):	80000
	<b>Application</b>	Road Conditions:	
Intended Serv.:	Linehaul. Vehicles (trucks or tractors) used in	Class A (Highway)	90
Commodity:	Liquid petroleum products	Class B (Hwy/Mtn)	10
	<b>Body</b>	Class C (Off-Hwy)	00
Type:		Class D (Off-Road)	00
Length (ft):	0.0	Maximum Grade:	6
Height (ft):	0.0	Wheelbase (in):	191
Max Laden Weight (lbs):	0	Overhang (in):	66
	<b>Trailer</b>	Fr Axle to BOC (in):	68
No. of Trailer Axles:	2	Cab to Axle (in):	123
Type:	Tank	Cab to EOF (in):	189
Length (ft):	45.0	Overall Comb. Length (in):	755
Height (ft):	13.0		
Kingpin Inset (in):	18	<b>Special Req.</b>	
Corner Radius (in):	1	U.S. Domestic Registry, 50-State	
	<b>Restrictions</b>		
Length (ft):	120		
Width (in):	102		
Height (ft):	13.5		

Approved by:

Date:

7-30-18

Note: All sales are F.O.B. designated plant of manufacture.

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Printed: 2/8/2018 2:30:26 PM  
Effective Date: Jul 1, 2017  
Prepared by: ID: TJennings

Complete

Model Number: T680 Series Conventional  
Quote/DTPO/CO: Q02897440  
Version Number: 40.30

**ATTACHMENT D-3**

**VENDOR ESTIMATE FOR USA HAULING & RECYCLING**

TOTAL \$396,000

Automated Split ASL CNG



Peterbilt of Connecticut P100  
206 Meadow Lane

K R Leasing  
15 Mullen Road

Berlin, Connecticut United States 06037  
Phone: (860) 828-4125  
Fax: (860) 828-1376  
Email: jkirkpatrick@peterbiltofct.com

Enfield, Connecticut United States 06082  
Phone: (860) 746-3292  
Fax:  
Contact Email:  
Prepared for:

CNG ASL \$142,014.28  
Split + 10,000  
Adjust

Vehicle Summary

Model:	Unit	Model 520	Fr Axle Load (lbs):	Chassis	20000
Type:		Full Truck	Rr Axle Load (lbs)		46000
Description:		AUTOMATED GAS	G.C.W. (lbs):		66000
Intended Serv.:	Application	Refuse/On-Highway	Road Conditions:		
Commodity:		Refuse, Scrap, Recycling	Class A (Highway)		100
	Body	Automated Side Loader	Class B (Hwy/Mtn)		0
Type:			Class C (Off-Hwy)		0
Length (ft):		24	Class D (Off-Road)		0
Height (ft):		13.5	Maximum Grade:		6
Max Laden Weight (lbs):		1000	Wheelbase (in):		221
	Trailer		Overhang (in):		75
No. of Trailer Axles:		0	Fr Axle to BOC (in):		0.1
Type:			Cab to Axle (in):		220.9
Length (ft):		0	Cab to EOF (in):		295.9
Height (ft):		0.0	Overall Comb. Length (in):		353
Kingpin Inset (in):		0			
Corner Radius (in):		0	Special Req.		
	Restrictions		United States Registry		
Length (ft):		40			
Width (in):		102			
Height (ft):		13.5			

Approved by: \_\_\_\_\_ Date: \_\_\_\_\_

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Printed: 1/19/2018 12:21:48 PM Complete Model Number: Model 520  
Effective Date: Jan 1, 2018 Quote/DTPO/CO: Q30610555  
Prepared by: Jon Kirkpatrick Version Number: 36.01

1357000  
 2 - TRACTOR CNG



Tri-State Kenworth - Enfield C975

K R LEASING LLC  
 15 MULLEN ROAD

, United States  
 Phone:  
 Fax:  
 Email:

ENFIELD, Connecticut United States 06082  
 Phone: (860) 555-1212  
 Fax:  
 Contact Email:

Prepared for: Default Contact

### Vehicle Summary

Unit		Chassis	
Model:	T880 Series Conventional	Fr Axle Load (lbs):	12000
Type:	TRACTOR	Rr Axle Load (lbs)	40000
Description:	CNG	G.C.W. (lbs):	80000
	<b>Application</b>	Road Conditions:	
Intended Serv.:	Refuse hauler. Vehicles	Class A (Highway)	90
	which haul refuse,	Class B (Hwy/Mtn)	10
Commodity:	Refuse/recycled material	Class C (Off-Hwy)	00
	<b>Body</b>	Class D (Off-Road)	00
Type:		Maximum Grade:	6
Length (ft):	0.0	Wheelbase (in):	198
Height (ft):	0.0	Overhang (in):	66
Max Laden Weight (lbs):	0	Fr Axle to BOC (in):	68
	<b>Trailer</b>	Cab to Axle (in):	130
No. of Trailer Axles:	2	Cab to EOF (in):	196
Type:	Dry van	Overall Comb. Length (in):	780
Length (ft):	48.0		
Height (ft):	13.0	<b>Special Req.</b>	
Kingpin Inset (in):	36	U.S. Domestic Registry, 50-State	
Corner Radius (in):	1		
	<b>Restrictions</b>		
Length (ft):	120		
Width (in):	102		
Height (ft):	13.5		

TOTAL  
 190,000  
 PER TRUCK

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

**Note: All sales are F.O.B. designated plant of manufacture.**

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Printed:	1/30/2017 11:25:05 AM	<b>Incomplete</b>	Model Number:	T880 Series Conventional
Effective Date:	Jan 1, 2017		Quote/DTPO/CO:	Q42397581
Prepared by:	ID: TJennings		Version Number:	39.10



Tri-State Kenworth - Enfield C975

K R LEASING LLC  
15 MULLEN ROAD

, United States  
Phone:  
Fax:  
Email:

ENFIELD, Connecticut United States 06082  
Phone: (860) 555-1212  
Fax:  
Contact Email:  
Prepared for: Default Contact

Model	Description	\$ List	Weight
	<b>T880 Series Conventional</b>	173,667	15,073
	<b>T880 ISX12G Engine</b>	0	0
	<b>CARB Idle - Alternative fuel exempt from CARB anti-idle.</b>	0	0
	<b>T880 Non Sleeper ISX12G Engine.</b>	0	0
	<b>Refuse/recycled material</b>	0	0
	<b>Refuse hauler. Vehicles which haul refuse, recycled material, etc. Includes Roll-on/roll-off container movement, as well as hauling refuse from transfer stations to landfills. Typically includes operation in landfills, over rough, uneven surfaces. Road usage: any combination, which includes some Class B.</b>	0	0
	<b>Dry van</b> Include beverage trailer, curtain trailer, and chip trailer	0	0
	<b>U.S. Domestic Registry, 50-State</b>	0	0

**Engine & Equipment**

<b>ISX12 G 400 2013 400@1800 1450@1100,</b>	45,220	10
Gov@ 2100 w/Engine Retarder. Diagnostic Plug for data link, Oil Cooler, Aluminum Flywheel Housing. Includes Coolant Loop for fuel system. Replaces code 0125805.		
N09200 N205 120..Standard Maximum Speed Limit [LSL]		
N09220 N207 0....Expiration Distance		
N09240 P13 120..Hard Maximum Speed Limit		
N09260 P14 64...Maximum Accelerator Pedal Vehicle Speed		
N09280 P16 0....Accelerator Lower Droop		
N09300 P19 64...Maximum Cruise Speed		
N09320 P38 0....Cruise Control Lower Droop		
N09360 N203 252..Reserve Speed Function Reset Distance		
N09380 N202 0....Maximum Cycle Distance		
N09400 N206 0....Maximum Active Distance		
N09420 N201 0....Reserve Speed Limit Offset		
N09440 P11 NO...Engine Protection Shutdown		
N09460 P06 NO...Gear Down Protection		
N09480 P26 1400.Max PTO Speed		
N09500 P02 NO...Cruise Control Auto Resume		
N09520 P04 NO...Auto Engine Brake in Cruise		
N09540 N209 0....Expiration Distance		
N09560 P520 YES..Enable Idle Shutdown Park Brake Set		
N09580 P32 5....Timer Setting		

*C-BRANCE  
MAD EBY  
JTB-CARB*

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Printed:	1/30/2017 11:25:05 AM	<b>Incomplete</b>	Model Number:	T880 Series Conventional
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Prepared by:	ID: TJennings		Version Number:	39.10





Description	\$ List	Weight
N09600 P233 YES..Enable Impending Shutdown Warning		
N09620 P234 60...Timer For Impending Shutdown Warning		
N09640 P516 35...Engine Load Threshold		
N09680 P33 NO...Idle Shutdown Manual Override		
N09720 P230 YES..Enable Hot Ambient Automatic Override		
N09740 P46 40...Low Ambient Temperature Threshold		
N09760 P56 60...Intermediate Ambient Temperature Threshold		
N09780 P47 80...High Ambient Temperature Threshold		
<b>Prospector version 39.1</b>	0	0
Replaces Prospector version 39.0		
<b>Effective VSL Setting 65.0 MPH (USA)</b>	0	0
<b>Engine Idle Shutdown Timer Enabled</b>	0	0
<b>Enable EIST Ambient Temp Override</b>	0	0
<b>Eff EIST NA Expiration Miles</b>	0	0
Use only with MX and Cummins engines		
<b>Air compressor: Cummins 18.7 CFM FOR Cummins AND PACCAR PX engines.</b>	0	0
<b>Air Cleaner: composite firewall mounted PACCAR or Cummins engines</b>	0	0
<b>Cooling module: 1330 square inches.</b>	0	0
Includes aluminum radiator core, aluminum charge air cooler, translucent surge tank and washer bottle, silicone hoses, and extended life coolant.		
<b>Radiator bug screen mounted between hood &amp; grille.</b>	119	2
<b>Exhaust: Single Independent CNG Catalyst RH BOC, with BOC Vertical Mounted Muffler.</b>	1,237	0
<b>Tailpipe: 5 in. single 48 in. 45 degree curved.</b>	52	3
For use with any Exhaust other than SCR Independent.		
<b>Fuel Filter:Rail Mounted for Natural Gas Engines</b>	0	0
Fuel/Water Separator, ISX12-G AND ISL-G Engines		
<b>Run Aid:None</b>	0	0
*For Fuel Filter		
<b>Start Aid:None</b>	0	0
*For Fuel Filter		
<b>Immersion block heater 120V 1500W w/plug under door on C500, T660, T800 &amp; W900.</b>	112	2
<b>Retarder:Cummins ISX12G *Replcs 1700121</b>	0	40
Use code 1700117 for ISX12 engines		
<b>Alternator: PACCAR 160 amp, brush type</b>	0	0
<b>Batteries: 3 AGM GP31 THR (925) 2775 CCA. For T680 &amp; T880 in cab battery box only.</b>	423	0

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Effective Date:	Jan 1, 2017		Quote/DTPO/CO:	Q42397581
Prepared by:	ID: TJennings		Version Number:	39.10



Description	\$ List	Weight
<b>Starter: PACCAR 12 volt electrical system. W/</b> centralized power distribution incorporating plug-in style relays. Circuit protection for serviceability, 12-volt light system w/circuit protection circuits number & color coded.	0	0
<b>Decline Driver Performance Assistant (DPA)</b>	0	0
<b>Transmission &amp; Clutch</b>		
<b>Transmission: Eaton FO16E313A-MHP UltraShift Plus</b> 13-speed w/Hill Start Aid feature. Standard with synthetic lubricant. This product should be used for long haul over the road applications. C500, T660, T800 & W900 models utilize a cobrahead shift lever. *Torque Limit: 1650 pound-feet.	11,089	179
<b>Clutch:UltraShift Plus OR Fuller Advantage Series</b> Automated transmissions.	0	0
<b>Driveline: 2 Dana SPL250XL 1 centerbearing</b> requires 3500057 interaxle driveline. Low maintenance offering from Spicer. On-highway 350K mi first service interval, 100K mi subsequent service interval on U-joint, splines lubed for life for life, quick disconnect end caps.	912	95
<b>AutoShift/UltraShift cobrahead control integrated</b> into dash.	0	0
<b>PTO Custom Installation Charge</b>	0	0
<b>PTO: Chelsea 489FAHX-V3XK, Bottom Mounted</b> 8-Bolt, Single Acting, No Controls, SAE Studs	2,861	30
<b>First Transmission PTO compatibility -</b> Chelsea 230/236/238/442/489/660/680-V3 or Muncie CS8/SH8/TG8S-P1 bottom mounted 6 or 8-Bolt PTO's for all Eaton transmissions. This application includes use of the standard hydraulic clutch actuator on Eaton FR & RT transmissions and supports bottom mounted 6 and 8-Bolt PTO's with single acting air actuation.	0	0
<b>Rear transmission support springs for</b> transmission PTO applications are required to ensure that engine flywheel housings are not overloaded when transmission PTO's are installed.	85	0
<b>First factory installed Eaton transmission PTO.</b>	0	0
<b>14 in. Eaton Fuller high capacity oil to water</b> cooler standard for transmission 1550-2250 lb-ft, 18-speed AutoShift.	0	0
<b>07/01/16 List Credit for code 2406453</b> 2 Dana SPL250XL D/L W/1 C/B	0	0
<b>Aluminum clutch housing</b>	0	0
<b>Front Axle &amp; Equipment</b>		
<b>Dana Spicer E-1252LW Front Axle rated 12.5K</b> 3-1/2in. drop, wide track. NOT W9L/C5.	225	-17
<b>Front Brakes: 13.2K Bendix RSD HP-ES S-Cam 16.5x5</b> in. drum brake.	-119	-62

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Effective Date:	Jan 1, 2017		Quote/DTPO/CO:	Q42397581
Prepared by:	ID: TJennings		Version Number:	39.10



Description	\$ List	Weight
<b>FR BRK DRUM: TRU TURN LITE 16.5X5</b>	-137	56
<b>Front Hub: aluminum hub pilot 13,200 lbs.</b> 10-Bolt, 11-1/4 in. bolt circle .	0	0
<b>ConMet PreSet Plus Hub package; front axle.</b>	0	0
<b>Hubcap: front vented.</b>	0	0
<b>Front Auto Slack Adjuster.</b>	0	0
<b>Front Springs: Taperleaf 12K w/ shock absorbers</b> w/ maintenance-free elastomer spring pin bushings. Standard with rubber pins except for C500 which has threaded pins. Not available on W900L.	0	0
<b>Single power steering gear: 13.2K TRW THP60</b> Not for use on T3.	221	-7
<b>Power Steering Cooler:Radiator Mounted Air-to-Oil</b> 2007 and later engines only.	352	11
<b>Threaded bushings for taperleaf springs</b> 12K - 14.6K replacing rubber: T6/T8 & W9B only. W9L gets as standard: code not required. Not available with W9S.	54	0
<b>Rear Axle &amp; Equipment</b>		
<b>Dual Dana Spicer DSP41P rear axle rated at 40K.</b> (DSP40P w/ heavy-wall housing) w/ 11mm housing and 1.88in. shaft diameter. Includes pump. Tandem rear axles.	733	131
<b>Rear Axle Ratio - 4.11.</b>	0	0
<b>RR BRK:BENDIX RSD 16.5X7 DUAL 46K CAP</b> REDUCED STOPPING DISTANCE TRACTOR ONLY. RSD-Compliant HP-ES S-Cam, tandem axle drum brake.	-2	24
<b>RR BRK DRUM: TRUTURN LITE 16.5x7 DUAL</b>	124	-26
<b>Dual Rear Hubs: Aluminum hub pilot 46K</b> 11-1/4 in. bolt circle.	0	0
<b>ConMet PreSet Plus Hub package; dual rear axle.</b>	0	0
<b>Dual Rear axle automatic slack adjusters.</b>	0	0
<b>Spring Brake: 3030 long stroke dual 30 square</b> inches travel; replaces standard 2-1/2 in. travel. Helps keep brakes in adjustment longer.	30	4
<b>Bendix 6S/6M anti-lock brake system w/ air</b> traction control (ATC).	-1,043	6
<b>Interaxle driveline 1 Dana SPL170XL</b>	0	-4
<b>Rear suspension: Tandem Kenworth Airglide 400L</b> 40K. 54 in. axle spacing. Air suspension w/ 8.5 in. ride height. Includes single leveling valve. Includes air suspension dump valve.	1,302	-224

### Tires & Wheels

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Printed:	1/30/2017 11:25:05 AM	<b>Incomplete</b>	Model Number:	T880 Series Conventional
Effective Date:	Jan 1, 2017		Quote/DTPO/CO:	Q42397581
Prepared by:	ID: TJennings		Version Number:	39.10



Description	\$ List	Weight
<b>Front tires: Bridgestone R268ECOPIA 11R24.5 16PR.</b> 43.5 in. diameter all position. Side wall protector bar. 20.3 in. SLR. For P&D & construction vocations.	201	36
<b>Rear tires: Bridgestone M799 11R24.5 16PR.</b> 44 in. diameter, all position. 20.5 in. SLR. Code is priced per pair of tires.	1,304	200
<b>Rear Tire Quantity: 8</b>	0	0
<b>FR WHEEL: ALCOA 98U63 24.5X8.25 AL</b> Ultra ONE Wheel.	380	-34
<b>RR WHEEL: ALCOA 98U63 24.5X8.25 AL</b> Ultra ONE Wheel.	1,520	-136
<b>Single front axle: 2 Polished wheels. Polished</b> outboard surface of aluminum wheels.	160	0
<b>Dual rear axle: 4 Polished wheels. Polished</b> outboard surface of outer dual or single aluminum wheels.	395	0
<b>Rear Wheel/Rim Quantity: 8</b>	0	0
<b>Frame &amp; Equipment</b>		
<b>Frame Rails: 10-3/4 x 3-1/2 x 3/8in. Steel 285in.</b> to 336 in. Truck frame weight is 3.48 lb.-in. per pair of rails. Section modulus is 17.80, RBM is 2,132,000 in.-lbs per rail. Frame rail availability may be restricted based upon application, axle/suspension capacity, fifth wheel setting, or component/dimensional specifications. The results of the engineering review may result in a change to the requested frame rail. If a change is required Kenworth Application Engineering will advise the dealer of the appropriate material specification for a substitute rail.	408	296
<b>Bumper: Stainless steel Clad straight aluminum</b> channel. Requires bumper setting code.	372	-11
<b>48.5 in. Bumper setting. Requires a bumper code.</b>	0	0
<b>Removable Front Tow Hooks: 2.</b>	267	15
<b>Front mudflaps.</b>	0	0
<b>In-cab steel battery box: under rider seat or in</b> stand alone box. Requires appropriate AGM battery code, which varies by model, and appropriate rider seat code be selected prior to entering the workscreen. Includes 1 battery disconnect switch.	2,049	-9
<b>In-Cab battery box location: Under rider seat.</b>	0	0
<b>Cab access step: RH under mounted to frame.</b>	591	66
<b>Cab access step: LH under mounted to frame.</b>	591	66
<b>Toolbox location: RH side.</b>	0	0
<b>Second toolbox location: LH side.</b>	0	0
<b>Heavy-duty BOC crossmember assembly.</b>	165	23
<b>Fifth Wheel: Fixed, Holland FW35Y800XL00 8.00 in.</b> height. Outboard mounting angles, 55K vertical rating, LH release. The code for additional factory drilled settings is available. Accommodates a 2 in. SAE kingpin. Requires some style of trailer connections.	1,644	401
<b>Aluminum Fifth Wheel Angles Replacing Steel on</b> fixed or outboard mounted sliding fifth wheels.	209	-30

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 Prepared by: ID: TJennings Version Number: 39.10



Description	\$ List	Weight
<b>Fifth Wheel: Fixed angle drilled for 8 additional</b> settings in 2 in. increments. Includes coded setting plus 4 settings ahead and 4 behind. Use with code 6670494-508 to determine the factory setting relative to the coded fixed setting.	718	0
<b>Fix fifth wheel placement at +4 in. from coded</b> rear or fixed setting for use with 6607023 or 6607024 angle drill. Determines factory setting for fixed fifth wheels only. Use of this code will instruct the factory to place the fifth wheel 4 inches ahead the coded rear setting. That would allow for 4 optional settings behind, each spaced 2 inches apart.	0	0
<b>FW rear/fixd setting ahd of bogie 6 in</b> indicates rearmost setting measured forward from centerline of tandem or single rear axle	0	0
<b>Rear mudflap arms: Fleet Engineers FB27, Shortie.</b> Polish stainless steel w/45 degree angle.	144	6
<b>Rear mudflap shields: White plastic antisail w/</b> Kenworth logo.	0	0
<b>Quarter Fenders: Stainless Steel w/ Painted Steel</b> brackets, single post mounted.	358	55
<b>Top Flange of Rear Frame bent &amp; welded w/o</b> crossmember. Non-towing end-of-frame configuration.	35	-2
<b>Fuel Tanks &amp; Equip</b>		
<b>Delete base model gallon aluminum fuel tank.</b> Hardware & plumbing deleted.	-1,193	-114
<b>CNG/LNG Frame Rail Mounted Tank Only.</b>	0	0
<b>Delete Standard Fuel Tank Location</b> for use with CNG fuel system only	0	0
<b>Cab &amp; Equipment</b>		
<b>Cab: Stamped aluminum cab with panoramic curved</b> glass windshield. Standard with stamped aluminum doors, heavy duty in-swinging hinges, and triple sealed doors. Manufactured using self-piercing rivets and structural adhesive. Includes LED exterior marker lights and turn signals.	0	0
<b>Hood:T880 Short Length MX-Optimized W/Mechan.</b> Fastened Fenders. 116.7 inch BBC.	0	0
<b>Cab HVAC - Day Cab and 40in Sleeper</b> System With Defrost, A/C, and 48,000 BTU/hr Heater. Includes automatic temperature control with one touch defrost operation and dash mounted cab temperature and solar intensity sensors. Pleated fresh air filter and cabin recirculation air filter standard. The Kenworth HVAC system is designed to provide optimal heating and cooling in all operating environments without need for additional insulation. Cab HVAC without sleeper heater AC is available with 40in sleeper.	0	0
<b>Shutoff Valves to Isolate Primary Heater</b> Remote mounted on frame under cab.	66	0

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Description	\$ List	Weight
<b>Steering wheel: 18 in. 4-spoke.</b>	0	0
<b>Adjustable telescoping tilt steering column.</b>	0	0
<b>Key Lock: Customer Specified Tumbler Part Number</b> Includes ignition, cab doors and if applicable, sleeper tool box door. G key will not work on new P lock and ignition N82010 KEY CODE P1452	359	0
<b>Dash Switch: 1st Single-Acting Eaton-mntd PTO.</b> Electric switch, wiring, software, air solenoids, and plumbing are factory-installed to control the 1st Eaton (single-acting) trans PTO.	104	0
<b>Gauge: Dash mounted air filter restriction gauge.</b>	149	0
<b>Gauge: Air suspension pressure gauge.</b>	106	0
<b>Kenworth Driver Performance Center:5in Full Color</b> high resolution Thin Film Transistor (TFT) active matrix display with advanced driver information including fuel economy performance, outside air temp, clock, odometer and trip, engine hour meter, ignition timer, engine RPM, general truck information, diagnostics, and gear display. All Highline functionality is accessed via the Kenworth MCS providing intuitive control at the driver's fingertips. Also includes Dark Cabin functionality. When activated, the only interior light that will function when a door is opened is the door courtesy lamp.	0	0
<b>KW Instr. PKG With 8 STD Gauges, For Natural Gas</b> No Def Gauge, Fuel Gauge Without ULSD/F Text. ULSD/F is Ultra Low Sulfur Diesel Fuel.	0	0
<b>Interior color: Slate Gray</b>	0	0
<b>Interior package: Vantage daycab</b> Includes durable headliner and vinyl sidewalls with geometric patterned trim and anodized aluminum accents throughout. Convenient overhead storage cubbies, full size glove box, two center console cupholders, and large door pad map pocket. Standard LH/RH power windows, electric door locks, interior LED lighting, nighttime-friendly red ambient lighting for dash and footwell, and door mounted courtesy light. Includes two standard 12V power outlets. Driver sunvisor includes strap.	0	0
<b>Rubber floormat</b>	0	0
<b>DR Seat: GT701 HB with Vinyl material.</b> The GT701 is standard with a single air bag, scissor linkage seat suspension. It includes a single chamber lumbar support, 10in Fore/Aft adjustment, 7in Up/Down adjustment, 2.5in pan extension, 51 degree seat back recline, and 16 degree full seat tilt. Includes 3-point matching seat belts. DR seat standard w/ dual armrests.	-87	0
<b>RD Seat:GT100 Battery/Utility Box IB With Vinyl</b> Material. The GT100 seats are standard with fixed base. Includes 3-point matching seat belts.	-166	9
<b>Seat color: Slate Gray with Gray stitching.</b>	0	0
<b>Driver and Rider Seat Belts: Orange Seat Belts.</b> Replacing standard color.	30	0
<b>Kenworth Radio with AM/FM/WB/CD/USB and Bluetooth</b>	584	4

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Description	\$ List	Weight
<b>Base Level Audio System - Daycab:High Performance</b> Door Speakers.	84	2
<b>CB installation kit: Center mounted of header.</b> W/header mounted quick release CB mount. One red power post & one black ground post. Includes dual antenna leads located on the mirror brackets. Includes dual antenna & separate speaker.	313	2
<b>Non-self cancelling turn signal: W/column-mounted</b> headlight dimmer switch & intermittent wiper control.	0	0
<b>Dual Cab Interior Grabhandles: A Pillar Mounted</b> Dash Wrap and B Pillar Mounted Grabhandles	0	0
<b>Kenworth Daylite Door with standard LH/RH</b> electric door locks and LH/RH electric window controls.	0	0
<b>Single air horn under cab.</b>	0	0
<b>Look-Down, Pass. Door, Black 11x6</b>	0	0
<b>LH Hood Mtd Blind Spt, Chrome Circ</b>	139	4
<b>RH Hood Mtd Blind Spt, Chrome Circ</b>	149	4
<b>Aero Mirror: Dual Kenworth Aerodynamic Motorized</b> heated mirrors, 7in X 13in with cab color mirror shell and black mirror arms. Also includes LH/RH heated 6in X 7in convex mirrors. Mirror brackets set for 8-1/2 ft load width. Mirror controls located on driver side door pad.	0	0
<b>Rear cab stationary window 19in x 36in</b>	0	0
<b>One-piece bonded-in windshield with curved glass.</b> Standard.	0	0
<b>Exterior stainless steel sunvisor.</b>	861	19
<b>Fender close-out: Below headlamp, behind bumper.</b> *NOT available with 3-piece bumper.	209	0
<b>Kenworth Cab/Sleeper Air Suspension.</b>	0	0
<b>Lights &amp; Instruments</b>		
<b>Headlamps: SAE Dual Halogen Complex Reflector</b>	0	0
<b>Marker Lights: Five, rectangular, LED</b>	0	0
<b>Turn Signal Lights: Flush mounted LED mounted at top of fender wheel arc</b>	0	0
<b>LED Stop,Turn,Tail: With Two LED</b> Backup Lights and With An LED License Plate.	0	0
<b>Dual Flush Floodlights: First set.</b>	142	2
<b>Floodlight Location: Located low - first set.</b>	0	0
<b>Marker Lights: Interrupter Switch.</b> Included in Turn Signal For All Models Except T3. The T3 Switch Is In The Dash.	0	0
<b>Electric Backup Alarm: Meets SAE J994 &amp; OSHA requirements.</b>	150	4

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	Description	\$ List	Weight
	<b>Polyswitches replacing fuses. Switch will automatically reset after removal of excess load.</b>	47	0
<b>Air Equipment</b>			
	<b>Air Dryer Bendix AD-IS heated Puraguard</b>	0	0
	<b>Moisture ejection valve w/ pull cable drain.</b>	0	0
	<b>Tractor kit: Slide bar, spring hanger &amp; composite</b> gladhand/light plug holder mounted on back of cab/sleeper. Air and light line connections located on inboard style LH frame mounted bracket. Kit includes dash mounted trailer air supply valve, trailer hand control valve, and hoses/fittings for the valves. Dash mounted parking brake valve and tractor protection valve are standard. Air lines are detachable at one end only, light lines are detachable at both ends. Conspicuity components are standard.	791	20
	<b>Coiled air &amp; light lines replacing straight lines</b> Included in tractor kit. 15ft working length.	144	2
	<b>Nylon air tubing in frame &amp; cab, excluding hoses</b> subject to excessive heat or flexing.	0	0
	<b>Double spring replacing single spring hanger.</b> *Must code for Trac Kit w/Slide Bar.	38	2
	<b>Trailer ABS electric supply through SAE J560</b> 7-pin connector per TMC RP137).	0	0
<b>Extended Warranty</b>			
	<b>Standard Warranty.</b>	0	0
<b>Miscellaneous</b>			
	<b>GHG Secondary Manufacturer: Does Not Apply</b>	0	0
	<b>Warning triangle reflector kit: Shipped loose.</b> Kit consists of 3 triangles in plastic carrying case. Not floor mounted.	47	4
	<b>Zinc Phosphate frame rail paint processing.</b> Requires frame rail code. Code is for 1 pair of rails.	370	0
<b>Paint</b>			
	<b>Paint color number.</b> N97020 A - L0225 WHITE N97200 FRAME N0001 BLACK	0	0
	<b>Bumper Unpainted</b>	0	0
	<b>Day Cab Standard Paint</b>	0	0
	<b>1 - Color Paint - Day Cab</b> Color will be White if no other color is specified.	0	0
	<b>Base coat/clear coat.</b> The Kenworth Color Selector contains additional instructions, as well as information on Kenworth paint guidelines and surface finish applications. Kenworth is standard with Dupont Imron Elite paint.	0	0

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Total Adjusted Price (W/O Freight & Warranty & Surcharges)	\$252,464
Freight Charge	\$2,225
Options Not Subject to Discount	\$0
Surcharges Not subject to Discount	\$0
Total Weight	16232 lb

Prices and Specifications Subject to Change Without Notice.

\$ 159,839.00 INC FOR 1 TANKS

90 DGE

NO FET OR Floorings

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**Incomplete**

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**Sales Quotation - Preliminary**

3335 Susan St., Suite 100  
Costa Mesa, CA, 92626

Quoted For: Tom Jennings  
Quoted By: Stephen Whaley  
Contact #: (704) 794-7425  
Contact Email: SWhaley@agilityfs.com  
Customer #: 10356  
Customer RFQ:

Quote #: 110716  
Quote Date:  
Revision No: 1  
Expiration Date: 03/31/2017

<b>Customer Name:</b> Tri-State Diesel Inc. dba Tri-State Kenworth	<b>Billing Address:</b> Tristate Diesel Kenworth 1 Depot Hill Road Enfield CT 06082-6031 UNITED STATES	<b>Ship Via:</b> Best Way <b>Installer:</b> Probilt <b>Terms of Delivery:</b> Free on Board
<b>End User:</b> USA Waste		<b>Terms of Location:</b> Chillicothe, OH <b>Wanted Date:</b> 04/28/17 <b>Terms of Payment:</b> Due Immediately
<b>System / DGE:</b> 2T RAIL / 90 <b>Fuel Type:</b> Compressed Natural Gas <b>Chassis Qty:</b> 2	<b>Chassis:</b> Kenworth T880 Truck <b>Body:</b> Galbreath Roll Off	<b>Cab Type:</b> Day Cab

**Quotation Details**

Part Number	Description	Qty	USD
26799700	Side Mount, 45 DGE, LHS, FMM, Aluminum Covers	1	
26799600	Side Mount, 45 DGE, RHS, No FMM, Aluminum Covers	1	
24100007	Install Kit, SM CNG, Two Tanks (Gen 3 or Gen 4 System)	1	
24101010	3rd Party Install Service, Dual CNG Side Mount	1	
<b>TOTAL (Includes Freight):</b>			<b>34,475.00</b>
<b>Tax Total:</b>			<b>0.00</b>
<b>Gross Total:</b>			<b>34,475.00</b>
<b>Per Unit Total (Includes Tax &amp; Freight):</b>			<b>34,475.00</b>

Proper fuel system installation requires a minimum 8 inches of clearance from vehicle heat sources (including, without limitation, the exhaust system) unless Agility engineering has approved otherwise. The minimum clearance to other vehicle components shall be 1 inch (measured from movement apex if applicable).

Agility Fuel Solutions Terms and Conditions and Warranty apply. Please download a copy at:  
[www.agilityfuelsolutions.com/terms-and-conditions.html](http://www.agilityfuelsolutions.com/terms-and-conditions.html)

Part Detail	Configuration Detail
24100007 - Install Kit, SM CNG, Two Tanks (Gen 3 or Gen 4 System) Agility Supplied FMM - Street-Side (LHS/Driver's Side) In-Cab Fuel Gauge, Pacific Insight -002 No Fuel Required	
24101010 - 3rd Party Install Service, Dual CNG Side Mount	
26799600 - Side Mount, 45 DGE, RHS, No FMM, Aluminum Covers Agility Supplied Steps - Front (Non Valve-Side) Installation requires 105" inches of clear frame rail. Estimated empty weight of 582 lb. and full weight of 869 lb.	
26799700 - Side Mount, 45 DGE, LHS, FMM, Aluminum Covers Agility Supplied Steps - Front (Non Valve-Side) Installation requires 105" inches of clear frame rail. Estimated empty weight of 582 lb. and full weight of 869 lb.	

**Physical Address**

Agility Fuel Solutions (US)  
3335 Susan St., Suite 100  
Costa Mesa, CA, 92626  
USA

**Remit Payment To**

Agility Fuel Solutions  
28558 Network Place  
Chicago, IL 60673-1285  
USA

**Contact**

Phone: (949)236-5520  
Fax: (949)242-2842  
Web: [www.agilityfuelsolutions.com](http://www.agilityfuelsolutions.com)



Peterbilt of Connecticut P100  
206 Meadow Lane

K R Leasing  
15 Mullen Road

Berlin, Connecticut United States 06037  
Phone: (860) 828-4125  
Fax: (860) 828-1376  
Email: jkirkpatrick@peterbiltofct.com

Enfield, Connecticut United States 06082  
Phone: (860) 746-3292  
Fax:  
Contact Email:  
Prepared for:

Description		\$ List	Weight
<b>Base Model</b>			
	<b>Model 520</b>	188,812	16,475
	<b>Refuse, Scrap, Recycling</b>	0	0
	<b>Refuse/On-Highway</b> Truck or tractor which hauls refuse, recycled material, etc. Includes roll-on/roll-off container movement, as well as hauling refuse from transfer stations to, but not into, landfills.	0	0
	<b>Automated Side Loader</b>	0	0
	<b>United States Registry</b>	0	0
<b>Configuration</b>			
	<b>Not Applicable</b> Secondary Manufacturer	0	0
<b>Frame &amp; Equipment</b>			
	<b>10-3/4in Steel Rails 343-450in</b> 10.75x3.5x.375 Dimension, 2,136,000 RBM; Yield Strength: 120,000 psi. Section Modulus: 17.8 cubic inches. Weight: 1.74 lbs/inch pair	892	250
	<b>Full Steel Inner Liner</b>	513	713
	<b>Zinc Coated Anti Corrosion Treated Frame Rails</b> Requires Frame Rail Code. Zinc Phosphate coating will replace the standard frame rail primer and provide added corrosion prevention for your customer's operating in severe conditions or in climates where vehicle rust is common.	393	0
	<b>FEPTO Provision 9in Bumper Extension</b> Includes 1350 Series Front Drive PTO Attachment Provision, Radiator with PTO Cut-Out in Grille, Radiator Protection Sleeve, and Bumper Extension	840	42
	<b>EOF Square with Steel Xnbr</b>	138	64
	<b>Omit Rear Mudflaps and Hangers</b>	0	0

**Front Axle & Equipment**

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**Complete**

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Version Number: 36.01



Description	\$ List	Weight
<b>Dana Spicer D2000F 20,000 lb, 3.5 in. Drop</b> Factory front axle alignment to improve handling & reduce tire wear. Zerk fittings on tie rod ends, king pins, & draglink ball joints for ease of maintenance & help extend service life of components. Cognis EMGARD® FE 75W-90 synthetic axle lube provides over 1% fuel economy improvement. Reduces wear & extends maintenance intervals, resulting in increased uptime. Provides improved fluid flow to protect components in extreme cold conditions & withstand the stress from high temperatures, extending component life.	0	0
<b>Taper Leaf Springs, Shocks 20,000 lb</b> Standard with Heavy Resistance Shocks.	0	0
<b>Power Steering Sheppard SD110 Dual</b> For use with 22,000 lb. axle ratings. Glidekote splines on steering shaft extend service life of components.	0	0
<b>PHP10 Iron PreSet PLUS Hubs</b>	-870	84
<b>Dana Spicer 5in Drop IPO 3.5in, Front Axle</b> 5" drop (127MM) provides lower chassis suspension and profile.	0	0
<b>Dana Spicer Wide Track IPO Std, Front Axle</b> 71in KPI IPO 69in for E1202, E1322, E1462, D2000F front axles. For improved turning radius.	55	5
<b>Bendix Air Cam Front Drum Brakes 16.5x7</b> For use with 16,000 lbs to 22,000 lbs steer axles or front drive axles. Includes automatic slack adjusters & outboard mounted brake drums.	511	0
<b>Long Stroke Brakes, Front Axle</b>	23	0
<b>Gusseted Cam Brackets, Steer Axle</b>	28	0
<b>Heavy Duty CAM Bushings, Steer Axle</b>	31	0

**Rear Axle & Equipment**

<b>Meritor RT46-160 46,000 lb</b> Interaxle diff lock air rocker occupies space of one gauge. Laser factory axle alignment to improve handling & reduce tire wear. Magnetic rear axle oil drain plug captures & holds any metal fragments in drive axle lube to extend service life. Parking brakes on all drive axles for optimal performance. Cognis EMGARD® FE 75W-90 synthetic axle lube provides over 1% fuel economy improvement. Reduces wear & extends maintenance intervals, resulting in increased uptime. Provides improved fluid flow to protect components in extreme cold conditions & withstand the stress from high temperatures, extending component life.	-344	0
<b>PHP10 Iron PreSet PLUS Hubs</b>	-862	0
<b>Long Stroke Parking Brakes, Drive Axle(s)</b>	0	0
<b>Diff Lock Both Axles</b> (Air Rocker Switch occupies the space of one gauge)	2,047	60
<b>Refuse Service Brakes, Steer And Drive Axles</b>	0	0
<b>Rear Brake Camshaft Reinforcement</b>	62	9
<b>Heavy Wall, Drive Axle(s)</b>	671	88

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Description	\$ List	Weight
Lube Pump, Drive Axle(s)	437	36
Gusseted Cam Brackets, Drive Axle(s)	71	2
<b>SBM Valve</b> Full trucks require a spring brake modulation (SBM) system for emergency braking application. This system requires an SBM valve and a relay valve with spring brakes on the rear axles. The SBM valve allows the foot valve to operate the rear axle spring brakes if a failure exists in the rear air system.	0	0
<b>Anti-Lock Braking System (ABS) 6S6M</b> ABS-6. Includes air braking system.	420	35
<b>Synthetic Axle Lubricant All Axles</b> Peterbilt heavy duty models include Fuel Efficient Cognis EMGARD FE75W-90 which provides customers performance advantages over current synthetic lubricants with reduced gear wear and extended maintenance intervals, resulting in increased uptime. In addition, the lubricant provides improved fluid flow to protect gears in extreme cold conditions and withstand the stress from high temperatures, extending component life.	0	0
<b>Bendix Air Cam Rear Drum Brakes 16.5x8.6</b> Includes Automatic Slack Adjusters & Outboard Mounted Brake Drums. Refer to TSB 11-57 for more information.	-1,118	0
<b>Heavy Duty CAM Bushings, Drive Axle(s)</b>	61	0
<b>Ratio 5.63 Rear Axle</b>	0	0
<b>Hendrickson Haulmax HMX460 46,000 lb, 54in Axle</b> Spacing, 60K Creep Rating	1,006	-15
<b>16.5in Saddle Height HMX400/460 IPO Std 18.5"</b>	27	0

### Engine & Equipment

<b>ISX12N 350R@1700 GOV@2100 1450@1200</b>	45,087	1,065
Refuse Rating (2017 Emissions) Includes aluminum flywheel housing. Chevron Delo LE SAE 15W40 engine oil is specially formulated for new low emissions engines. Magnetic engine oil drain plug captures and holds any metal fragments in engine oil to extend service life.		
N21320 N205 120..Standard Maximum Speed Limit [LSL]		
N21330 N207 0....Expiration Distance		
N21340 P112 120..Hard Maximum Speed Limit		
N21350 P001 68...Maximum Accelerator Pedal Vehicle Speed		
N21370 P059 68...Maximum Cruise Speed		
N21400 N203 252..Reserve Speed Function Reset Distance		
N21410 N202 0....Maximum Cycle Distance		
N21420 N206 0....Maximum Active Distance		
N21430 N201 0....Reserve Speed Limit Offset		
N21440 P015 NO...Engine Protection Shutdown		
N21450 P026 NO...Gear Down Protection		
N21460 P046 1400.Max PTO Speed		
N21470 P062 NO...Cruise Control Auto Resume		
N21480 P068 NO...Auto Engine Brake in Cruise		
N21500 N209 0....Expiration Distance		
N21510 P520 YES..Enable Idle Shutdown Park Brake Set		

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Description	\$ List	Weight
N21520 P030 5...Timer Setting		
N21530 P233 YES..Enable Impending Shutdown Warning		
N21540 P234 60...Timer For Impending Shutdown Warning		
N21550 P516 35...Engine Load Threshold		
N21570 P031 NO...Idle Shutdown Manual Override		
N21590 P230 YES..Enable Hot Ambient Automatic Override		
N21610 P172 40...Low Ambient Temperature Threshold		
N21620 P173 60...Intermediate Ambient Temperature Threshold		
N21630 P171 80...High Ambient Temperature Threshold		
<b>Engine Idle Shutdown Timer Enabled</b>	0	0
<b>Enable EIST Ambient Temp Override</b>	0	0
<b>Eff EIST NA Expiration Miles</b>	0	0
<b>Effective VSL Setting NA</b>	0	0
<b>CARB Engine Idling Compliance DECLINED By Dealer/Customer</b>	0	0
<b>PACCAR 160 Amp Alternator, Brushed</b>	0	0
<b>Immersion Type Block Heater 110-120V</b> Standard location is center left hand under cab and includes a weather-proof cover that protects the receptacle. This pre-heater keeps the coolant in the engine block from freezing when the engine is not running.	74	2
<b>PACCAR 12V Starter</b>	0	0
<b>3 PACCAR Premium 12V Dual Purpose Batt 2190 CCA</b> Threaded stud type terminal. Stranded copper battery cables are double aught (00) or larger to reduce resistance.	0	0
<b>Kissling Battery Disconnect Switch</b> Mounted on battery box	241	3
<b>2-Speed Fan Clutch For Frequent Start/Stops</b>	0	0
<b>18.7 CFM Air Compressor</b> N/A X15. Furnished on engine. Teflon lined stainless steel braided compressor discharge line.	0	0
<b>C-Brake By Jacobs, ISX12, ISX12N</b> Includes 2 switches: A 2-position on/off engine switch. As well as a 3-position up, down, hold range selector switch.	0	0
<b>Spin-On Fuel/Water Separator for Natural Gas</b> ISX12G Engines	0	0
<b>No Fluid Heat Option for Fuel Filter</b>	0	0
<b>No Electric Heat Option for Fuel Filter</b>	0	0
<b>Engine Protection Shutdown</b> Includes oil pressure, oil temperature, coolant temperature, and intake manifold temperature.	10	0

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Description	\$ List	Weight
<b>High Efficiency Cooling System</b> Cooling module is a combination of steel and aluminum components, with aluminum connections to maximize performance and cooling capability. Silicone radiator & heater hoses enhance value, durability, & reliability. Constant tension band clamps reduce leaks. ClimaTech extended life coolant extends maintenance intervals which reduces maintenance costs. Anti-freeze effective to -30 degrees F helps protect the engine. Low coolant level sensor warns of low coolant condition to prevent engine damage. Radiator Size by Model: 587: 1330 sq in, 579/367 FEPTO 1325 sq in, 567/365/367: 1440 sq in, 384/386: 1301 sq in, 365 FEPTO: 1184 sq in, 389/367 HH: 1669 sq in, 348: 1000 sq in, 320: 1242 sq in.	0	0
<b>Bugscreen-Removable Type Grill Mtd</b> Additional clips at bottom of bugscreen.	84	0
<b>Stainless Steel Grille</b>	0	0
<b>Heavy Duty Air Cleaner</b> Molded rubber air intake connections with lined stainless steel clamps seal to prevent contaminants in air intake.	0	0
<b>Exhaust Single LH Vertical</b> L9N Or ISX12N Only	-3,295	-486
<b>Single 36in Standpipe</b>	0	0
<b>Transmission &amp; Equipment</b>		
<b>Allison 4500 RDS-P Transmission, Gen 5</b> Rugged Duty Series. Includes Rear Transmission Support except on MX engines, TranSynd Transmission Fluid, and Water Oil Heat Exchange. Also includes features that monitor the transmission fluid, filter and clutch condition. Will display percent life remaining for the transmission fluid, filter and clutches on the shift selector. This information may be displayed using the Mode and Up and Down buttons. A wrench icon will also be included to indicate when the transmission fluid, filter or clutches need servicing. (Suited for vehicles operating on/off highway and/or requiring PTO operation) Forward Ratios: 1st-4.70, 2nd-2.21, 3rd-1.53, 4th-1.00, 5th-0.76, 6th-0.67 / Reverse Ratios: DR-(5.55)	16,708	365
<b>1810 HD Driveline, 1 Midship Bearing</b> 4.5in x .180 wall tubing	315	70
<b>Allison FuelSense Not Desired</b>	0	0
<b>Console Mounted Push Button Shifter</b> Allison transmissions	0	0
<b>Allison 6-Speed Configuration, Wide Ratio Gears</b> Allison 4500 Transmission Only	0	0

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Description	\$ List	Weight
<b>Allison Output Function S Neutral Indicator</b> For PTO. Required on Refuse Packer Applications. With this configuration NEUTRAL only, PTO engagement is permitted only when the transmission is in Neutral. Once the transmission is in Neutral, the PTO is automatically engaged and fast idle is initiated when the PTO switch is switched On. Also, with this configuration Pack-on-the-fly, the PTO is automatically engaged and fast idle is initiated when the PTO switch is On concurrently with shifting of the transmission to Neutral.	0	0
<b>Air &amp; Trailer Equipment</b>		
<b>Bendix AD-IS EP Air Dryer with Heater</b> And Coalescing Filter; Extended Purge	0	0
<b>Nylon Chassis Hose</b>	0	0
<b>Steel Painted Air Tanks</b> All air tanks are steel with painted finish except when Code 4543330 Polish Aluminum Air Tanks is also selected (then exposed air tanks outside the frame rails will be polished aluminum). Peterbilt will determine the optimal size and location of required air tanks. Narratives requesting a specific air tank size or location will not be accepted for factory installation. See ECAT to determine number or location of air tanks installed.	0	0
<b>Route Air &amp; Electric Lines To Allow Welding</b> of sub frame to top of frame 8in forward of BOC to EOF	342	0
<b>Tires &amp; Wheels</b>		
<b>FF: BR 20ply 315/80R22.5 M860A</b> Diameter = 42.8 inches; SLR = 19.9 inches	-140	-4
<b>RR: BR 20ply 315/80R22.5 M860A</b> Diameter = 42.8 inches; SLR = 19.9 inches	2,252	376
<b>Code-rear Tire Qty 08</b>	0	0
<b>FF: Accur Stl Armor 29300PK 22.5X9.00</b> Heavy Duty. PHP10-5 Hand Holes	353	64
<b>RR: Accur Steel Armor 29300PK 22.5X9.00</b> PHP10-5 hand holes	1,412	256
<b>Code-rear Rim Qty 08</b>	0	0
<b>Fuel Tanks</b>		
<b>No Fuel Tank/Fuel System Provided, CNG Only</b>	-342	0
<b>Location LH BOC 000 Gal</b>	0	0
<b>CNG Body Mounted Cabinet, Frame Mounted Tank</b>	0	0
<b>CNG Fuel System</b>	0	0
<b>Battery Box &amp; Bumper</b>		
<b>Aluminum Space Saver Battery Box LH Back Of Cab</b>	-34	-11
<b>Rubber Battery Pad In Bottom Of (1) Battery Box</b> (Mat in box that holds batteries only)	24	2

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Description	\$ List	Weight
<b>Mount Space Saver Battery Box Top Of Box 8in</b> Below top of frame	93	0
<b>Steel Bumper Swept Back Painted</b> Requires bumper extension. Includes two front tow eyes with pins.	-149	2
<b>Notched Top Flange Of Bumper</b>	50	0
<b>Screen Over Air Intake Opening In Bumper</b>	11	2

**Cab & Equipment**

<b>53in LCF ProBilt Cab RH Drive</b> Use with auto trans. Includes steel frames with alum and fiberglass panels, all alum doors, dual door stops, door locks, tinted safety glass thru-out, cab and door mounted entry grab handles, 65 degree hydraulic tilt, stainless steel grille, dual rear cab fenders, service module BOC (cab tilt pump, oil fill and dipstick, coolant fill and check, fluid fill and dipstick for auto trans), door mounted armrests, power windows, full insulation, rubber floor mats, ergonomic center control console, removable instrument panel, Driver Information Display, LED backlit gauges, pull down windshield sunshade, 16in steering wheel with integrated horn button, tilt/telescopic adjustable column, over-door storage, driver and passenger side cup holders, USB charging port and 12VDC charging outlet, header includes HVAC controls, rear cab corner windows, 18in bolt-on step on each side, self-canceling turn signals and Front Directional and Side Mounted Turn Signals.	1,333	0
<b>Key All Units Alike</b> Please add your 3 digit key code number in the key code field.	190	0
<b>KEY G168</b>	0	0
<b>4.5 Inch Rubber Flares on Cab</b> and Wheel Well Fenders	0	0
<b>Sears C2 Driver Seat</b>	209	0
<b>Peterbilt Passenger Seat</b>	0	0
<b>Seat Belt Color Orange IPO Standard Black</b>	10	0
<b>Air Ride Driver</b>	237	0
<b>Mid Back Driver</b>	76	0
<b>Vinyl Driver</b>	0	0
<b>Non-Air Ride Passenger</b>	0	0
<b>Low Back Passenger</b>	0	0
<b>Vinyl Passenger</b>	0	0
<b>Gray Interior Color</b> Includes ABS gray headliner & rear cab panel, gray vinyl engine tunnel cover. For LH, RH, and dual steer dual seated power windows are standard on both doors. For dual steer RH stand-up the LH window is power and the RH window is a manual sliding window.	0	0
<b>Adjustable Steering Column - Tilt/Telescope</b>	0	0

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Description	\$ List	Weight
<b>Steering Wheel with Peterbilt Logo</b> Steering Wheel with embossed Peterbilt logo over horn button.	0	0
<b>Diamond Plate Floor Covering on Driver side floor</b> in place of Rubber Mat. In Dual Steer application RH Diamond Plate covering is standard. Single drive applications the Diamond Plate is optional.	46	6
<b>Rear Window Back of Cab Standard Tint</b> 18.5in X 54in	0	0
<b>Two Piece Flat Windshield</b>	0	0
<b>Combo Fresh Air Heater/Air Conditioner</b> With radiator mounted condenser, dedicated side window defrosters, Bi-Level Heater/Defroster Controls, 54,500 BTU/HR, and silicone heater hoses.	0	0
<b>Mirrors SSTL Each Side Heated and Motorized</b> with Switch on Door. Right Click on option to See Picture in Product Portfolio.	-29	-7
<b>(2) Convex 8 Inch SS Mirrors</b> Center mounted under mirror bracket. If rear view mirrors are heated, the convex mirrors will be heated. Option includes dual door stops.	80	2
<b>(2) Air Horns 24.5in Chrome - Round w/Horn Shield</b>	485	8
<b>ConcertClass w/CD, Bluetooth Phone and Audio</b> Includes AM/FM, WB, USB and MP3.	495	10
<b>Midlevel Speaker Package For Cab</b> (4) Speakers	134	6
<b>Radio Mute when Allison Transmission</b> in reverse - requires option 8140690 for 520 only.	295	0
<b>Cab Tilt Pump Air Assist</b>	170	0
<b>Rain Gutters Over Driver and Passenger Doors</b>	74	8
<b>Peterbilt Pantograph Windshield Wipers</b> With intermittent feature.	0	0
<b>Triangle Reflector Kit Shipped Loose</b>	20	13
<b>Backup Alarm Wiring To EOF</b>	0	0
<b>Main Transmission Oil Temperature Gauge</b> Located in Driver Information Display	0	0
<b>Air Restriction Indicator</b> Mounted on Exhaust Stanchion	0	0
<b>Warning Light Battery Disconnect, Switch Engaged</b> (Marker light) external mounted.	15	0
<b>Headlights Single Rectangular LED</b>	777	0
<b>(5) Light Guards On Marker Lights</b>	23	2
<b>(5) LED Clearance With (2) LED Marker Lights</b> Includes (5) lights mounted on roof of cab and (1) cab side marker light mounted in front of each cab door.	0	0

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	Description	\$ List	Weight
	<b>None Furnished Stop/Tail/Backup Lights</b> Available with Full Truck only. Not available with Tractor.	0	0
	<b>Daytime Running Lights</b> (Required on Canadian units)	76	0
	<b>Brake Lights Activated by Park Brake</b> Requires Option 7726010	82	0
<b>Paint</b>			
	<b>(1) Color Axalta Two Stage - Cab/Hood</b>	142	0
	Base Coat/Clear Coat N85020 A - L0225EB WHITE N85500 CAB ROOF L0225EB WHITE N85200 FRAME N0001EA BLACK N85700 BUMPER N0001EA BLACK		
<b>Options Not Subject To Discount</b>			
	<b>Peterbilt Class 8 Standard Coverage</b> 1 year/100,000 Miles (160,000 km)	0	0
<b>Miscellaneous</b>			
	<b>2017 EPA Emissions Engine</b> Warranty Only	0	0
	<b>Presentation Created Using Featured Spec</b> For Model	0	0
<b>Total Adjusted Price (W/O Freight &amp; Warranty &amp; Surcharges)</b>			\$261,880
<b>Freight Charge</b>			\$2,925
<b>Options Not Subject to Discount</b>			\$0
<b>Surcharges Not subject to Discount</b>			\$0
<b>Total Weight</b>			19602

Prices and Specifications Subject to Change Without Notice.

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# Sanitary Equipment Company Inc.

"Do It Right The First Time"

Quote

25 Industry Drive / PO Box 26006  
West Haven, CT. 06516  
Phone 203-933-9599 Fax 203-933-4271  
www.sanitaryequipment.com

Date: July 26, 2018

Doug Gregory (2)  
Phone 203-627-0617  
doug@sanitaryequipment.com  
Ref #

Quote for:  
Mr. Eric Fredericksen  
All American Waste  
15 Mullen Rd.  
Enfield, CT. 06082

Subject:  
USA / All AM Waste

Line	QTY	DESCRIPTION	AMOUNT
1.)	1.00	Labrie Automizer Right Hand Comingle 37 Yard Automated Body	\$149,892.00
2.)	1.00	Optional Heavy Duty Right Hand Automated Arm with 12' Reach	Included
3.)	1.00	Hydraulic Crusher Panel Installed on 40% Street Side	Included
4.)	1.00	(2) Back Up Spot Lights on Tail Gate LED Type	Included
5.)	1.00	Trapezoidal Back Up Lights On Side Fender Body (LBLA0120) LED Type	Included
6.)	1.00	Dual Work Light ( Spots Arm ) Full LED Type	Included
7.)		Grab Pack ( Programmable Packer to Cycle after Pick Up )	Included
8.)		Tapered Body Design for Better Dumping of Load	Included
9.)		Front Mount Double Vane Denison Hydraulic Pump T6DC	Included
10.)		Multi Cycle Packing 3 to 6 Strokes	Included
11.)		Ergonomic Arm Rest with Air Joy Stick Controls	Included
12.)	1.00	Nitrated Cylinder Rods with 3 Year Warranty ( Except Arm )	Included
13.)		Front Mounted Telescopic Hoist	Included
14.)		High Mount and Low Mount Rear Lighting FMVSS Standards	Included
15.)	1.00	Rear Flaps with Anti Sail Bars & ICC Bumper Light Bar Painted to Match	Included
16.)		Body Painted with Imron 5000 Paint Color: Snow White	Included
17.)	1.00	Clean Out Shovel and Broom with Brackets	Included
18.)	1.00	Multi Function Strobes with Turn Signals and Third Brake Light LED	Included
19.)	1.00	Triple Third Eye Camera System Hopper & Back Up Left Mirror	Included
20.)	1.00	Hardox 450 Hopper and Body Floor Liners	Included
21.)	1.00	Rear LED Arrow Optional Turn Signals	Included
22.)		Work at Idle ( 900 ) RPM with Seven Second Cycle Time	Included
23.)		4" Nitro Carbon Packing Cylinders with 75,500 lbs. of Compacting Force	Included
24.)	1.00	Freight From Labrie to Sanitary Equipment	Included
	QTY	<b>** OPTIONS AVAILABLE **</b>	
		<b>Unless a QTY is entered on the left, the items below are an ADDITIONAL COST</b>	
25.)	1.00	20lbs Fire Extinguisher with Cover Installed At Rear	\$306.00
26.)	1.00	Third Eye Back Up Detector	\$1,600.00
27.)	1.00	Packer Cylinder Hydraulic Oil Regeneration System	\$1,720.00
28.)	1.00	Zee Bart Under Coating the Body and Chassis Inner Frame Rails	\$2,200.00
29.)	1.00	100 Gallon DGE CNG System & Hopper Cover & Leak Alarms	\$45,920.00

SUBTOTAL w/ SELECTED OPTIONS \$ 201,638.00

**QUOTE NOTES:**

Body is 60% on Curb Side and 40% Street Side with Crusher Panel on 40% Side

This CNG Package Includes 100 Gallon Roof Mounted Tanks, Hopper and Tank Cover, Slow & Fast Fill, Leak Alarm, Ignition Cap Shut Down Switch

**Thank You for the Opportunity to Quote our Products and Services**

TAX RATE	
SALES TAX	\$ -
12% FET TAX	\$ -
Discount	\$ (10,000.00)
<b>TOTAL</b>	<b>\$ 191,638.00</b>

If This proposal is Accepted Please Sign Below and Fax Back

Accepted By: \_\_\_\_\_ Company: \_\_\_\_\_ Date: \_\_\_\_\_

**Thank you, for the opportunity to quote you on your service needs**

July 26, 2018

Paul Farrell  
Assistant Director Air Planning & Standards Group  
Central Permit Processing Unit  
Connecticut Department of Energy and Environmental Protection  
79 Elm Street  
Hartford, CT 06101-5127

**Re: USA Hauling & Recycling, Inc.**

To Whom It May Concern:

We are accountants for USA Hauling & Recycling, Inc.

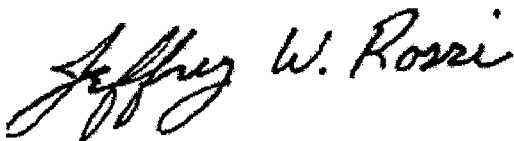
We have prepared an Independent Auditors Report on the financial statements for USA Hauling & Recycling, Inc. and Affiliated Companies. Our latest audit report was for the year ended December 31, 2017. The report had an unqualified audit report dated April 26, 2018.

The audited financial statements for USA Hauling & Recycling, Inc. and Affiliated Companies reflect positive working capital and equity.

The Company currently can self-finance or obtain commercial financing for the purchase of new trucks and vehicles associated with the VW settlement grant and on an ongoing basis as part of normal operations in the normal course of business.

If you have any questions, please do not hesitate to contact the undersigned at (203) 399-1903.

Very truly yours,



Jeffrey W Rossi, CPA  
Partner

AUTOMATED 31MD CNG.



Peterbilt of Connecticut P100  
206 Meadow Lane

K R Leasing  
15 Mullen Road

Berlin, Connecticut United States 06037  
Phone: (860) 828-4125  
Fax: (860) 828-1376  
Email: jkirkpatrick@peterbiltofct.com

Enfield, Connecticut United States 06082  
Phone: (860) 746-3292  
Fax:  
Contact Email:  
Prepared for

CNG ASL \$142,014.28

### Vehicle Summary

Unit		Chassis	
Model:	Model 520	Fr Axle Load (lbs):	20000
Type:	Full Truck	Rr Axle Load (lbs):	46000
Description:	AUTOMATED GAS	G.C.W. (lbs):	66000
<b>Application</b>		<b>Road Conditions:</b>	
Intended Serv.:	Refuse/On-Highway	Class A (Highway)	100
Commodity:	Refuse, Scrap, Recycling	Class B (Hwy/Mtn)	0
<b>Body</b>		Class C (Off-Hwy)	0
Type:	Automated Side Loader	Class D (Off-Road)	0
Length (ft):	24	Maximum Grade:	6
Height (ft):	13.5	Wheelbase (in):	221
Max Laden Weight (lbs):	1000	Overhang (in):	75
<b>Trailer</b>		Fr Axle to BOC (in):	0.1
No. of Trailer Axles:	0	Cab to Axle (in):	220.9
Type:		Cab to EOF (in):	295.9
Length (ft):	0	Overall Comb. Length (in):	353
Height (ft):	0.0	<b>Special Req.</b>	
Kingpin Inset (in):	0	United States Registry	
Corner Radius (in):	0	<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> <p>TOTAL 345,000 PER TRUCK</p> </div>	
<b>Restrictions</b>			
Length (ft):	40		
Width (in):	102		
Height (ft):	13.5		

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

**Note: All sales are F.O.B. designated plant of manufacture.**

<b>PACCAR FINANCIAL</b>	Ask your dealer for a quote today, or visit our website @ <a href="http://www.paccarfinancial.com">www.paccarfinancial.com</a> .
	PACCAR Financial offers innovative finance, lease and insurance programs customized to meet your needs.

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Enfield, Connecticut United States 06082  
Phone: (860) 746-3292  
Fax:  
Contact Email:  
Prepared for:

Description		\$ List	Weight
<b>Base Model</b>			
	<b>Model 520</b>	188,812	16,475
	<b>Refuse, Scrap, Recycling</b>	0	0
	<b>Refuse/On-Highway</b> Truck or tractor which hauls refuse, recycled material, etc. Includes roll-on/roll-off container movement, as well as hauling refuse from transfer stations to, but not into, landfills.	0	0
	<b>Automated Side Loader</b>	0	0
	<b>United States Registry</b>	0	0
<b>Configuration</b>			
	<b>Not Applicable</b> Secondary Manufacturer	0	0
<b>Frame &amp; Equipment</b>			
	<b>10-3/4in Steel Rails 343-450in</b> 10.75x3.5x.375 Dimension, 2,136,000 RBM; Yield Strength: 120,000 psi. Section Modulus: 17.8 cubic inches. Weight: 1.74 lbs/inch pair	892	250
	<b>Full Steel Inner Liner</b>	513	713
	<b>Zinc Coated Anti Corrosion Treated Frame Rails</b> Requires Frame Rail Code. Zinc Phosphate coating will replace the standard frame rail primer and provide added corrosion prevention for your customer's operating in severe conditions or in climates where vehicle rust is common.	393	0
	<b>FEPTO Provision 9in Bumper Extension</b> Includes 1350 Series Front Drive PTO Attachment Provision, Radiator with PTO Cut-Out in Grille, Radiator Protection Sleeve, and Bumper Extension	840	42
	<b>EOF Square with Steel Xnbr</b>	138	64
	<b>Omit Rear Mudflaps and Hangers</b>	0	0

**Front Axle & Equipment**

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Description	\$ List	Weight
<b>Dana Spicer D2000F 20,000 lb, 3.5 in. Drop</b> Factory front axle alignment to improve handling & reduce tire wear. Zerk fittings on tie rod ends, king pins, & draglink ball joints for ease of maintenance & help extend service life of components. Cognis EMGARD® FE 75W-90 synthetic axle lube provides over 1% fuel economy improvement. Reduces wear & extends maintenance intervals, resulting in increased uptime. Provides improved fluid flow to protect components in extreme cold conditions & withstand the stress from high temperatures, extending component life.	0	0
<b>Taper Leaf Springs, Shocks 20,000 lb</b> Standard with Heavy Resistance Shocks.	0	0
<b>Power Steering Sheppard SD110 Dual</b> For use with 22,000 lb. axle ratings. Glidekote splines on steering shaft extend service life of components.	0	0
<b>PHP10 Iron PreSet PLUS Hubs</b>	-870	84
<b>Dana Spicer 5in Drop IPO 3.5in, Front Axle</b> 5" drop (127MM) provides lower chassis suspension and profile.	0	0
<b>Dana Spicer Wide Track IPO Std, Front Axle</b> 71in KPI IPO 69in for E1202, E1322, E1462, D2000F front axles. For improved turning radius.	55	5
<b>Bendix Air Cam Front Drum Brakes 16.5x7</b> For use with 16,000 lbs to 22,000 lbs steer axles or front drive axles. Includes automatic slack adjusters & outboard mounted brake drums.	511	0
<b>Long Stroke Brakes, Front Axle</b>	23	0
<b>Gusseted Cam Brackets, Steer Axle</b>	28	0
<b>Heavy Duty CAM Bushings, Steer Axle</b>	31	0

**Rear Axle & Equipment**

<b>Meritor RT46-160 46,000 lb</b> Interaxle diff lock air rocker occupies space of one gauge. Laser factory axle alignment to improve handling & reduce tire wear. Magnetic rear axle oil drain plug captures & holds any metal fragments in drive axle lube to extend service life. Parking brakes on all drive axles for optimal performance. Cognis EMGARD® FE 75W-90 synthetic axle lube provides over 1% fuel economy improvement. Reduces wear & extends maintenance intervals, resulting in increased uptime. Provides improved fluid flow to protect components in extreme cold conditions & withstand the stress from high temperatures, extending component life.	-344	0
<b>PHP10 Iron PreSet PLUS Hubs</b>	-862	0
<b>Long Stroke Parking Brakes, Drive Axle(s)</b>	0	0
<b>Diff Lock Both Axles</b> (Air Rocker Switch occupies the space of one gauge)	2,047	60
<b>Refuse Service Brakes, Steer And Drive Axles</b>	0	0
<b>Rear Brake Camshaft Reinforcement</b>	62	9
<b>Heavy Wall, Drive Axle(s)</b>	671	88

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Description	\$ List	Weight
<b>Lube Pump, Drive Axle(s)</b>	437	36
<b>Gusseted Cam Brackets, Drive Axle(s)</b>	71	2
<b>SBM Valve</b> Full trucks require a spring brake modulation (SBM) system for emergency braking application. This system requires an SBM valve and a relay valve with spring brakes on the rear axles. The SBM valve allows the foot valve to operate the rear axle spring brakes if a failure exists in the rear air system.	0	0
<b>Anti-Lock Braking System (ABS) 6S6M</b> ABS-6. Includes air braking system.	420	35
<b>Synthetic Axle Lubricant All Axles</b> Peterbilt heavy duty models include Fuel Efficient Cognis EMGARD FE75W-90 which provides customers performance advantages over current synthetic lubricants with reduced gear wear and extended maintenance intervals, resulting in increased uptime. In addition, the lubricant provides improved fluid flow to protect gears in extreme cold conditions and withstand the stress from high temperatures, extending component life.	0	0
<b>Bendix Air Cam Rear Drum Brakes 16.5x8.6</b> Includes Automatic Slack Adjusters & Outboard Mounted Brake Drums. Refer to TSB 11-57 for more information.	-1,118	0
<b>Heavy Duty CAM Bushings, Drive Axle(s)</b>	61	0
<b>Ratio 5.63 Rear Axle</b>	0	0
<b>Hendrickson Haulmax HMX460 46,000 lb, 54in Axle</b> Spacing, 60K Creep Rating	1,006	-15
<b>16.5in Saddle Height HMX400/460 IPO Std 18.5"</b>	27	0

**Engine & Equipment**

<b>ISX12N 350R@1700 GOV@2100 1450@1200</b>	45,087	1,065
Refuse Rating (2017 Emissions) Includes aluminum flywheel housing. Chevron Delo LE SAE 15W40 engine oil is specially formulated for new low emissions engines. Magnetic engine oil drain plug captures and holds any metal fragments in engine oil to extend service life.		
N21320 N205 120..Standard Maximum Speed Limit [LSL]		
N21330 N207 0....Expiration Distance		
N21340 P112 120..Hard Maximum Speed Limit		
N21350 P001 68...Maximum Accelerator Pedal Vehicle Speed		
N21370 P059 68...Maximum Cruise Speed		
N21400 N203 252..Reserve Speed Function Reset Distance		
N21410 N202 0....Maximum Cycle Distance		
N21420 N206 0....Maximum Active Distance		
N21430 N201 0....Reserve Speed Limit Offset		
N21440 P015 NO...Engine Protection Shutdown		
N21450 P026 NO...Gear Down Protection		
N21460 P046 1400.Max PTO Speed		
N21470 P062 NO...Cruise Control Auto Resume		
N21480 P068 NO...Auto Engine Brake in Cruise		
N21500 N209 0....Expiration Distance		
N21510 P520 YES..Enable Idle Shutdown Park Brake Set		

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Effective Date:	Jan 1, 2018		Quote/DTPO/CO:	Q30610555
Prepared by:	Jon Kirkpatrick		Version Number:	36.01



Description	\$ List	Weight
N21520 P030 5....Timer Setting		
N21530 P233 YES..Enable Impending Shutdown Warning		
N21540 P234 60...Timer For Impending Shutdown Warning		
N21550 P516 35...Engine Load Threshold		
N21570 P031 NO...Idle Shutdown Manual Overrule		
N21590 P230 YES..Enable Hot Ambient Automatic Overrule		
N21610 P172 40...Low Ambient Temperature Threshold		
N21620 P173 60...Intermediate Ambient Temperature Threshold		
N21630 P171 80...High Ambient Temperature Threshold		
<b>Engine Idle Shutdown Timer Enabled</b>	0	0
<b>Enable EIST Ambient Temp Overrule</b>	0	0
<b>Eff EIST NA Expiration Miles</b>	0	0
<b>Effective VSL Setting NA</b>	0	0
<b>CARB Engine Idling Compliance DECLINED By Dealer/Customer</b>	0	0
<b>PACCAR 160 Amp Alternator, Brushed</b>	0	0
<b>Immersion Type Block Heater 110-120V</b> Standard location is center left hand under cab and includes a weather-proof cover that protects the receptacle. This pre-heater keeps the coolant in the engine block from freezing when the engine is not running.	74	2
<b>PACCAR 12V Starter</b>	0	0
<b>3 PACCAR Premium 12V Dual Purpose Batt 2190 CCA</b> Threaded stud type terminal. Stranded copper battery cables are double aught (00) or larger to reduce resistance.	0	0
<b>Kissling Battery Disconnect Switch</b> Mounted on battery box	241	3
<b>2-Speed Fan Clutch For Frequent Start/Stops</b>	0	0
<b>18.7 CFM Air Compressor</b> N/A X15. Furnished on engine. Teflon lined stainless steel braided compressor discharge line.	0	0
<b>C-Brake By Jacobs, ISX12, ISX12N</b> Includes 2 switches: A 2-position on/off engine switch. As well as a 3-position up, down, hold range selector switch.	0	0
<b>Spin-On Fuel/Water Separator for Natural Gas</b> ISX12G Engines	0	0
<b>No Fluid Heat Option for Fuel Filter</b>	0	0
<b>No Electric Heat Option for Fuel Filter</b>	0	0
<b>Engine Protection Shutdown</b> Includes oil pressure, oil temperature, coolant temperature, and intake manifold temperature.	10	0

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Description	\$ List	Weight
<b>High Efficiency Cooling System</b> Cooling module is a combination of steel and aluminum components, with aluminum connections to maximize performance and cooling capability. Silicone radiator & heater hoses enhance value, durability, & reliability. Constant tension band clamps reduce leaks. ClimaTech extended life coolant extends maintenance intervals which reduces maintenance costs. Anti-freeze effective to -30 degrees F helps protect the engine. Low coolant level sensor warns of low coolant condition to prevent engine damage. Radiator Size by Model: 587: 1330 sq in, 579/367 FEPTO 1325 sq in, 567/365/367: 1440 sq in, 384/386: 1301 sq in, 365 FEPTO: 1184 sq in, 389/367 HH: 1669 sq in, 348: 1000 sq in, 320: 1242 sq in.	0	0
<b>Bugscreen-Removable Type Grill Mtd</b> Additional clips at bottom of bugscreen.	84	0
<b>Stainless Steel Grille</b>	0	0
<b>Heavy Duty Air Cleaner</b> Molded rubber air intake connections with lined stainless steel clamps seal to prevent contaminants in air intake.	0	0
<b>Exhaust Single LH Vertical</b> L9N Or ISX12N Only	-3,295	-486
<b>Single 36in Standpipe</b>	0	0
<b>Transmission &amp; Equipment</b>		
<b>Allison 4500 RDS-P Transmission, Gen 5</b> Rugged Duty Series. Includes Rear Transmission Support except on MX engines, TranSynd Transmission Fluid, and Water Oil Heat Exchange. Also includes features that monitor the transmission fluid, filter and clutch condition. Will display percent life remaining for the transmission fluid, filter and clutches on the shift selector. This information may be displayed using the Mode and Up and Down buttons. A wrench icon will also be included to indicate when the transmission fluid, filter or clutches need servicing. (Suited for vehicles operating on/off highway and/or requiring PTO operation) Forward Ratios: 1st-4.70, 2nd-2.21, 3rd-1.53, 4th-1.00, 5th-0.76, 6th-0.67 / Reverse Ratios: DR-(5.55)	16,708	365
<b>1810 HD Driveline, 1 Midship Bearing</b> 4.5in x .180 wall tubing	315	70
<b>Allison FuelSense Not Desired</b>	0	0
<b>Console Mounted Push Button Shifter</b> Allison transmissions	0	0
<b>Allison 6-Speed Configuration, Wide Ratio Gears</b> Allison 4500 Transmission Only	0	0

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Description	\$ List	Weight
<b>Allison Output Function S Neutral Indicator</b> For PTO. Required on Refuse Packer Applications. With this configuration NEUTRAL only, PTO engagement is permitted only when the transmission is in Neutral. Once the transmission is in Neutral, the PTO is automatically engaged and fast idle is initiated when the PTO switch is switched On. Also, with this configuration Pack-on-the-fly, the PTO is automatically engaged and fast idle is initiated when the PTO switch is On concurrently with shifting of the transmission to Neutral.	0	0
<b>Air &amp; Trailer Equipment</b>		
<b>Bendix AD-IS EP Air Dryer with Heater</b> And Coalescing Filter; Extended Purge	0	0
<b>Nylon Chassis Hose</b>	0	0
<b>Steel Painted Air Tanks</b> All air tanks are steel with painted finish except when Code 4543330 Polish Aluminum Air Tanks is also selected (then exposed air tanks outside the frame rails will be polished aluminum). Peterbilt will determine the optimal size and location of required air tanks. Narratives requesting a specific air tank size or location will not be accepted for factory installation. See ECAT to determine number or location of air tanks installed.	0	0
<b>Route Air &amp; Electric Lines To Allow Welding</b> of sub frame to top of frame 8in forward of BOC to EOF	342	0
<b>Tires &amp; Wheels</b>		
<b>FF: BR 20ply 315/80R22.5 M860A</b> Diameter = 42.8 inches; SLR = 19.9 inches	-140	-4
<b>RR: BR 20ply 315/80R22.5 M860A</b> Diameter = 42.8 inches; SLR = 19.9 inches	2,252	376
<b>Code-rear Tire Qty 08</b>	0	0
<b>FF: Accur Stl Armor 29300PK 22.5X9.00</b> Heavy Duty. PHP10-5 Hand Holes	353	64
<b>RR: Accur Steel Armor 29300PK 22.5X9.00</b> PHP10-5 hand holes	1,412	256
<b>Code-rear Rim Qty 08</b>	0	0
<b>Fuel Tanks</b>		
<b>No Fuel Tank/Fuel System Provided, CNG Only</b>	-342	0
<b>Location LH BOC 000 Gal</b>	0	0
<b>CNG Body Mounted Cabinet, Frame Mounted Tank</b>	0	0
<b>CNG Fuel System</b>	0	0
<b>Battery Box &amp; Bumper</b>		
<b>Aluminum Space Saver Battery Box LH Back Of Cab</b>	-34	-11
<b>Rubber Battery Pad In Bottom Of (1) Battery Box</b> (Mat in box that holds batteries only)	24	2

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Description	\$ List	Weight
<b>Mount Space Saver Battery Box Top Of Box 8in</b> Below top of frame	93	0
<b>Steel Bumper Swept Back Painted</b> Requires bumper extension. Includes two front tow eyes with pins.	-149	2
<b>Notched Top Flange Of Bumper</b>	50	0
<b>Screen Over Air Intake Opening In Bumper</b>	11	2

**Cab & Equipment**

<b>53in LCF ProBilt Cab RH Drive</b> Use with auto trans. Includes steel frames with alum and fiberglass panels, all alum doors, dual door stops, door locks, tinted safety glass thru-out, cab and door mounted entry grab handles, 65 degree hydraulic tilt, stainless steel grille, dual rear cab fenders, service module BOC (cab tilt pump, oil fill and dipstick, coolant fill and check, fluid fill and dipstick for auto trans), door mounted armrests, power windows, full insulation, rubber floor mats, ergonomic center control console, removable instrument panel, Driver Information Display, LED backlit gauges, pull down windshield sunshade, 16in steering wheel with integrated horn button, tilt/telescopic adjustable column, over-door storage, driver and passenger side cup holders, USB charging port and 12VDC charging outlet, header includes HVAC controls, rear cab corner windows, 18in bolt-on step on each side, self-canceling turn signals and Front Directional and Side Mounted Turn Signals.	1,333	0
<b>Key All Units Alike</b> Please add your 3 digit key code number in the key code field.	190	0
<b>KEY G168</b>	0	0
<b>4.5 Inch Rubber Flares on Cab</b> and Wheel Well Fenders	0	0
<b>Sears C2 Driver Seat</b>	209	0
<b>Peterbilt Passenger Seat</b>	0	0
<b>Seat Belt Color Orange IPO Standard Black</b>	10	0
<b>Air Ride Driver</b>	237	0
<b>Mid Back Driver</b>	76	0
<b>Vinyl Driver</b>	0	0
<b>Non-Air Ride Passenger</b>	0	0
<b>Low Back Passenger</b>	0	0
<b>Vinyl Passenger</b>	0	0
<b>Gray Interior Color</b> Includes ABS gray headliner & rear cab panel, gray vinyl engine tunnel cover. For LH, RH, and dual steer dual seated power windows are standard on both doors. For dual steer RH stand-up the LH window is power and the RH window is a manual sliding window.	0	0
<b>Adjustable Steering Column - Tilt/Telescope</b>	0	0

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Description	\$ List	Weight
<b>Steering Wheel with Peterbilt Logo</b> Steering Wheel with embossed Peterbilt logo over horn button.	0	0
<b>Diamond Plate Floor Covering on Driver side floor</b> in place of Rubber Mat. In Dual Steer application RH Diamond Plate covering is standard. Single drive applications the Diamond Plate is optional.	46	6
<b>Rear Window Back of Cab Standard Tint</b> 18.5in X 54in	0	0
<b>Two Piece Flat Windshield</b>	0	0
<b>Combo Fresh Air Heater/Air Conditioner</b> With radiator mounted condenser, dedicated side window defrosters, Bi-Level Heater/Defroster Controls, 54,500 BTU/HR, and silicone heater hoses.	0	0
<b>Mirrors SSTL Each Side Heated and Motorized</b> with Switch on Door. Right Click on option to See Picture in Product Portfolio.	-29	-7
<b>(2) Convex 8 Inch SS Mirrors</b> Center mounted under mirror bracket. If rear view mirrors are heated, the convex mirrors will be heated. Option includes dual door stops.	80	2
<b>(2) Air Horns 24.5in Chrome - Round w/Horn Shield</b>	485	8
<b>ConcertClass w/CD, Bluetooth Phone and Audio</b> Includes AM/FM, WB, USB and MP3.	495	10
<b>Midlevel Speaker Package For Cab</b> (4) Speakers	134	6
<b>Radio Mute when Allison Transmission</b> in reverse - requires option 8140690 for 520 only.	295	0
<b>Cab Tilt Pump Air Assist</b>	170	0
<b>Rain Gutters Over Driver and Passenger Doors</b>	74	8
<b>Peterbilt Pantograph Windshield Wipers</b> With intermittent feature.	0	0
<b>Triangle Reflector Kit Shipped Loose</b>	20	13
<b>Backup Alarm Wiring To EOF</b>	0	0
<b>Main Transmission Oil Temperature Gauge</b> Located in Driver Information Display	0	0
<b>Air Restriction Indicator</b> Mounted on Exhaust Stanchion	0	0
<b>Warning Light Battery Disconnect, Switch Engaged</b> (Marker light) external mounted.	15	0
<b>Headlights Single Rectangular LED</b>	777	0
<b>(5) Light Guards On Marker Lights</b>	23	2
<b>(5) LED Clearance With (2) LED Marker Lights</b> Includes (5) lights mounted on roof of cab and (1) cab side marker light mounted in front of each cab door.	0	0

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	Description	\$ List	Weight
	<b>None Furnished Stop/Tail/Backup Lights</b> Available with Full Truck only. Not available with Tractor.	0	0
	<b>Daytime Running Lights</b> (Required on Canadian units)	76	0
	<b>Brake Lights Activated by Park Brake</b> Requires Option 7726010	82	0
<b>Paint</b>			
	<b>(1) Color Axalta Two Stage - Cab/Hood</b>	142	0
	Base Coat/Clear Coat		
	N85020 A - L0225EB WHITE		
	N85500 CAB ROOF L0225EB WHITE		
	N85200 FRAME N0001EA BLACK		
	N85700 BUMPER N0001EA BLACK		
<b>Options Not Subject To Discount</b>			
	<b>Peterbilt Class 8 Standard Coverage</b> 1 year/100,000 Miles (160,000 km)	0	0
<b>Miscellaneous</b>			
	<b>2017 EPA Emissions Engine</b> Warranty Only	0	0
	<b>Presentation Created Using Featured Spec</b> For Model	0	0
	<b>Total Adjusted Price (W/O Freight &amp; Warranty &amp; Surcharges)</b>		\$261,880
	<b>Freight Charge</b>		\$2,925
	<b>Options Not Subject to Discount</b>		\$0
	<b>Surcharges Not subject to Discount</b>		\$0
	<b>Total Weight</b>		19602

**Prices and Specifications Subject to Change Without Notice.**

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# Sanitary Equipment Company Inc.

"Do It Right The First Time"

# Sales Order

Date: February 14, 2018

25 Industry Drive / PO Box 26006  
 West Haven, CT. 06516  
 Phone 203-933-9599 Fax 203-933-4271  
 www.sanitaryequipment.com

Doug Gregory (2)  
 Phone 203-627-0617  
 doug@sanitaryequipment.com  
 Ref #

Quote for:  
 Mr. Eric Fredericksen  
 All American Waste  
 15 Mullen Rd.  
 Enfield, CT. 06082

Subject:  
 USA / All AM Waste

Line	QTY	DESCRIPTION	AMOUNT
1.)	1.00	<b>Labrie Automizer Right Hand 31 Yard Automated Refuse Body</b>	<b>\$116,546.00</b>
2.)	1.00	Optional Heavy Duty Right Hand Automated Arm with 12' Reach	Included
3.)		Complete Body Made from Hardox Steel with One Piece Sides	Included
4.)	1.00	(2) Back Up Spot Lights on Tail Gate LED Type	Included
5.)	1.00	Trapezoidal Back Up Lights On Side Fender Body (LBLE0120) LED Type	Included
6.)	1.00	Dual Work Light ( Spots Arm ) Full LED Type	Included
7.)		Grab Pack ( Programmable Packer to Cycle after Pick Up )	Included
8.)		Tapered Body Design for Better Dumping of Load	Included
9.)		Front Mount Double Vane Denison Hydraulic Pump T6DC	Included
10.)		Multi Cycle Packing 3 to 6 Strokes	Included
11.)		Ergonomic Arm Rest with Air Joy Stick Controls	Included
12.)	1.00	Nitrated Cylinder Rods with 3 Year Warranty ( Except Arm )	Included
13.)		Front Mounted Telescopic Hoist	Included
14.)		High Mount and Low Mount Rear Lighting FMVSS Standards	Included
15.)	1.00	Rear Flaps with Anti Sail Bars & ICC Bumper Light Bar Painted to Match	Included
16.)		Body Painted with Imron 5000 Paint Color: Snow White	Included
17.)	1.00	Clean Out Shovel and Broom with Brackets	Included
18.)	1.00	Multi Function Strobes with Turn Signals and Third Brake Light LED	Included
19.)		All Switches are Watertight and Wires are Color Coded and #	Included
20.)	1.00	Hardox 450 Hopper and Floor Liners	Included
21.)	1.00	<b>Additional LED Arrow Turn Signal Option</b>	Included
22.)		Work at Idle ( 900 ) RPM with Seven Second Cycle Time	Included
23.)		4" Nitro Carbon Packing Cylinders with 75,500 lbs. of Compacting Force	Included
24.)	1.00	Freight From Labrie to Sanitary Equipment	Included
		<b>** OPTIONS AVAILABLE **</b>	
	<b>QTY</b>	<b>Unless a QTY is entered on the left, the items below are an ADDITIONAL COST</b>	
25.)	1.00	20lbs Fire Extinguisher with Cover Installed At Rear	\$300.00
26.)	1.00	Third Eye Back Up Detector	\$1,560.00
27.)	1.00	Triple Third Eye Camera System Hopper & Back Up & Left Mirror	\$2,240.00
28.)	1.00	100 Gallon DGE (4) Roof Tank with Hopper Cover / Guard	\$43,110.00
29.)	1.00	Zee Bart Complete Body and Chassis Inner Frame Rails Under Coated	\$2,200.00

SUBTOTAL w/ SELECTED OPTIONS \$ 165,956.00

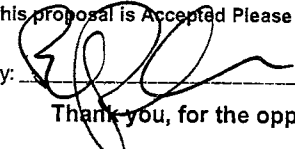
**QUOTE NOTES:**

This sales order is for five CNG units with a total of \$749,780.00 before FET Taxes.

Thank You for the Opportunity to Quote our Products and Services

TAX RATE	
SALES TAX	\$ -
12% FET TAX	\$ -
Discount	\$ (16,000.00)
<b>TOTAL</b>	<b>\$ 149,956.00</b>

If This proposal is Accepted Please Sign Below and Fax Back

Accepted By:  Company: \_\_\_\_\_ Date: 2-14-17

Thank you, for the opportunity to quote you on your service needs



REARLOAD CNG.



Peterbilt of Connecticut P100  
206 Meadow Lane

K R Leasing  
15 Mullen Road

Berlin, Connecticut United States 06037  
Phone: (860) 828-4125  
Fax: (860) 828-1376  
Email: jkirkpatrick@peterbiltofct.com

Enfield, Connecticut United States 06082  
Phone: (860) 746-3292  
Fax:  
Contact Email:  
Prepared for:

\$148,784 + FET

### Vehicle Summary

Unit		Chassis	
Model:	Model 520	Fr Axle Load (lbs):	20000
Type:	Full Truck	Rr Axle Load (lbs):	46000
Description:	REAR LOADER	G.C.W. (lbs):	66000
<b>Application</b>		Road Conditions:	
Intended Serv.:	Refuse/On-Highway	Class A (Highway)	100
Commodity:	Refuse, Scrap, Recycling	Class B (Hwy/Mtn)	0
<b>Body</b>		Class C (Off-Hwy)	0
Type:	Rear Loader	Class D (Off-Road)	0
Length (ft):	24	Maximum Grade:	6
Height (ft):	13.5	Wheelbase (in):	221
Max Laden Weight (lbs):	1000	Overhang (in):	60
<b>Trailer</b>		Fr Axle to BOC (in):	0.1
No. of Trailer Axles:	0	Cab to Axle (in):	220.9
Type:		Cab to EOF (in):	280.9
Length (ft):	0	Overall Comb. Length (in):	339
Height (ft):	0.0	<b>Special Req.</b>	
Kingpin Inset (in):	0	United States Registry	
Corner Radius (in):	0		
<b>Restrictions</b>			
Length (ft):	40		
Width (in):	102		
Height (ft):	13.5		

TOTAL  
\$350,000  
PER TRUCK

Approved by: \_\_\_\_\_

Date: \_\_\_\_\_

Note: All sales are F.O.B. designated plant of manufacture.



Ask your dealer for a quote today, or visit our website @ [www.paccarfinancial.com](http://www.paccarfinancial.com).

PACCAR Financial offers innovative finance, lease and insurance programs customized to meet your needs.

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Printed: 1/19/2018 12:26:37 PM  
Effective Date: Jan 1, 2018  
Prepared by: Jon Kirkpatrick

Complete

Model Number: Model 520  
Quote/DTPO/CO: Q12510457  
Version Number: 36.01



Peterbilt of Connecticut P100  
206 Meadow Lane

K R Leasing  
15 Mullen Road

Berlin, Connecticut United States 06037  
Phone: (860) 828-4125  
Fax: (860) 828-1376  
Email: jkirkpatrick@peterbiltofct.com

Enfield, Connecticut United States 06082  
Phone: (860) 746-3292  
Fax:  
Contact Email:  
Prepared for:

Description		\$ List	Weight
<b>Base Model</b>			
	<b>Model 520</b>	188,812	16,475
	<b>Refuse, Scrap, Recycling</b>	0	0
	<b>Refuse/On-Highway</b> Truck or tractor which hauls refuse, recycled material, etc. Includes roll-on/roll-off container movement, as well as hauling refuse from transfer stations to, but not into, landfills.	0	0
	<b>Rear Loader</b>	0	0
	<b>United States Registry</b>	0	0
<b>Configuration</b>			
	<b>Not Applicable</b> Secondary Manufacturer	0	0
<b>Frame &amp; Equipment</b>			
	<b>10-3/4in Steel Rails 306-342in</b> 10.75x3.5x.375 Dimension, 2,136,000 RBM; Yield Strength: 120,000 psi. Section Modulus: 17.8 cubic inches. Weight: 1.74 lbs/inch pair	272	197
	<b>Full Steel Inner Liner</b>	513	682
	<b>Zinc Coated Anti Corrosion Treated Frame Rails</b> Requires Frame Rail Code. Zinc Phosphate coating will replace the standard frame rail primer and provide added corrosion prevention for your customer's operating in severe conditions or in climates where vehicle rust is common.	393	0
	<b>FEPTO Provision 9in Bumper Extension</b> Includes 1350 Series Front Drive PTO Attachment Provision, Radiator with PTO Cut-Out in Grille, Radiator Protection Sleeve, and Bumper Extension	840	42
	<b>EOF Square with Steel Xnbr</b>	138	64
	<b>Omit Rear Mudflaps and Hangers</b>	0	0

**Front Axle & Equipment**

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**Complete**

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Version Number: 36.01



Description	\$ List	Weight
<b>Dana Spicer D2000F 20,000 lb, 3.5 in. Drop</b> Factory front axle alignment to improve handling & reduce tire wear. Zerk fittings on tie rod ends, king pins, & draglink ball joints for ease of maintenance & help extend service life of components. Cognis EMGARD® FE 75W-90 synthetic axle lube provides over 1% fuel economy improvement. Reduces wear & extends maintenance intervals, resulting in increased uptime. Provides improved fluid flow to protect components in extreme cold conditions & withstand the stress from high temperatures, extending component life.	0	0
<b>Taper Leaf Springs, Shocks 20,000 lb</b> Standard with Heavy Resistance Shocks.	0	0
<b>Power Steering Sheppard SD110, Assist</b> Dual Drive. For use with 20,000 lb. axle ratings.	-53	-55
<b>PHP10 Iron PreSet PLUS Hubs</b>	-870	84
<b>Dana Spicer 5in Drop IPO 3.5in, Front Axle</b> 5" drop (127MM) provides lower chassis suspension and profile.	0	0
<b>Dana Spicer Wide Track IPO Std, Front Axle</b> 71in KPI IPO 69in for E1202, E1322, E1462, D2000F front axles. For improved turning radius.	55	5
<b>Bendix Air Cam Front Drum Brakes 16.5x7</b> For use with 16,000 lbs to 22,000 lbs steer axles or front drive axles. Includes automatic slack adjusters & outboard mounted brake drums.	511	0
<b>Long Stroke Brakes, Front Axle</b>	23	0
<b>Gusseted Cam Brackets, Steer Axle</b>	28	0
<b>Heavy Duty CAM Bushings, Steer Axle</b>	31	0
<b>Rear Axle &amp; Equipment</b>		
<b>Meritor RT46-160 46,000 lb</b> Interaxle diff lock air rocker occupies space of one gauge. Laser factory axle alignment to improve handling & reduce tire wear. Magnetic rear axle oil drain plug captures & holds any metal fragments in drive axle lube to extend service life. Parking brakes on all drive axles for optimal performance. Cognis EMGARD® FE 75W-90 synthetic axle lube provides over 1% fuel economy improvement. Reduces wear & extends maintenance intervals, resulting in increased uptime. Provides improved fluid flow to protect components in extreme cold conditions & withstand the stress from high temperatures, extending component life.	-344	0
<b>PHP10 Iron PreSet PLUS Hubs</b>	-862	0
<b>Long Stroke Parking Brakes, Drive Axle(s)</b>	0	0
<b>Diff Lock Both Axles</b> (Air Rocker Switch occupies the space of one gauge)	2,047	60
<b>Refuse Service Brakes, Steer And Drive Axles</b>	0	0
<b>Rear Brake Camshaft Reinforcement</b>	62	9
<b>Heavy Wall, Drive Axle(s)</b>	671	88
<b>Lube Pump, Drive Axle(s)</b>	437	36

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Description	\$ List	Weight
<b>Gusseted Cam Brackets, Drive Axle(s)</b>	71	2
<b>SBM Valve</b> Full trucks require a spring brake modulation (SBM) system for emergency braking application. This system requires an SBM valve and a relay valve with spring brakes on the rear axles. The SBM valve allows the foot valve to operate the rear axle spring brakes if a failure exists in the rear air system.	0	0
<b>Anti-Lock Braking System (ABS) 6S6M</b> ABS-6. Includes air braking system.	420	35
<b>Synthetic Axle Lubricant All Axles</b> Peterbilt heavy duty models include Fuel Efficient Cognis EMGARD FE75W-90 which provides customers performance advantages over current synthetic lubricants with reduced gear wear and extended maintenance intervals, resulting in increased uptime. In addition, the lubricant provides improved fluid flow to protect gears in extreme cold conditions and withstand the stress from high temperatures, extending component life.	0	0
<b>Bendix Air Cam Rear Drum Brakes 16.5x8.6</b> Includes Automatic Slack Adjusters & Outboard Mounted Brake Drums. Refer to TSB 11-57 for more information.	-1,118	0
<b>Heavy Duty CAM Bushings, Drive Axle(s)</b>	61	0
<b>Ratio 5.63 Rear Axle</b>	0	0
<b>Hendrickson Haulmax HMX460 46,000 lb, 54in Axle</b> Spacing, 60K Creep Rating	1,006	-15
<b>16.5in Saddle Height HMX400/460 IPO Std 18.5"</b>	27	0

### Engine & Equipment

<b>ISX12N 350R@1700 GOV@2100 1450@1200</b>	45,087	1,065
Refuse Rating (2017 Emissions) Includes aluminum flywheel housing. Chevron Delo LE SAE 15W40 engine oil is specially formulated for new low emissions engines. Magnetic engine oil drain plug captures and holds any metal fragments in engine oil to extend service life.		
N21320 N205 120..Standard Maximum Speed Limit [LSL]		
N21330 N207 0....Expiration Distance		
N21340 P112 120..Hard Maximum Speed Limit		
N21350 P001 68...Maximum Accelerator Pedal Vehicle Speed		
N21370 P059 68...Maximum Cruise Speed		
N21400 N203 252..Reserve Speed Function Reset Distance		
N21410 N202 0....Maximum Cycle Distance		
N21420 N206 0....Maximum Active Distance		
N21430 N201 0....Reserve Speed Limit Offset		
N21440 P015 NO...Engine Protection Shutdown		
N21450 P026 NO...Gear Down Protection		
N21460 P046 1400.Max PTO Speed		
N21470 P062 NO...Cruise Control Auto Resume		
N21480 P068 NO...Auto Engine Brake in Cruise		
N21500 N209 0....Expiration Distance		
N21510 P520 YES..Enable Idle Shutdown Park Brake Set		
N21520 P030 5....Timer Setting		

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Description	\$ List	Weight
N21530 P233 YES..Enable Impending Shutdown Warning		
N21540 P234 60...Timer For Impending Shutdown Warning		
N21550 P516 35...Engine Load Threshold		
N21570 P031 NO...Idle Shutdown Manual Overrule		
N21590 P230 YES..Enable Hot Ambient Automatic Overrule		
N21610 P172 40...Low Ambient Temperature Threshold		
N21620 P173 60...Intermediate Ambient Temperature Threshold		
N21630 P171 80...High Ambient Temperature Threshold		
<b>Engine Idle Shutdown Timer Enabled</b>	0	0
<b>Enable EIST Ambient Temp Overrule</b>	0	0
<b>Eff EIST NA Expiration Miles</b>	0	0
<b>Effective VSL Setting NA</b>	0	0
<b>CARB Engine Idling Compliance DECLINED By Dealer/Customer</b>	0	0
<b>PACCAR 160 Amp Alternator, Brushed</b>	0	0
<b>Immersion Type Block Heater 110-120V</b> Standard location is center left hand under cab and includes a weather-proof cover that protects the receptacle. This pre-heater keeps the coolant in the engine block from freezing when the engine is not running.	74	2
<b>PACCAR 12V Starter</b>	0	0
<b>3 PACCAR Premium 12V Dual Purpose Batt 2190 CCA</b> Threaded stud type terminal. Stranded copper battery cables are double aught (00) or larger to reduce resistance.	0	0
<b>Kissling Battery Disconnect Switch</b> Mounted on battery box	241	3
<b>2-Speed Fan Clutch For Frequent Start/Stops</b>	0	0
<b>18.7 CFM Air Compressor</b> N/A X15. Furnished on engine. Teflon lined stainless steel braided compressor discharge line.	0	0
<b>C-Brake By Jacobs, ISX12, ISX12N</b> Includes 2 switches: A 2-position on/off engine switch. As well as a 3-position up, down, hold range selector switch.	0	0
<b>Spin-On Fuel/Water Separator for Natural Gas</b> ISX12G Engines	0	0
<b>No Fluid Heat Option for Fuel Filter</b>	0	0
<b>No Electric Heat Option for Fuel Filter</b>	0	0
<b>Engine Protection Shutdown</b> Includes oil pressure, oil temperature, coolant temperature, and intake manifold temperature.	10	0

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Description	\$ List	Weight
<b>High Efficiency Cooling System</b> Cooling module is a combination of steel and aluminum components, with aluminum connections to maximize performance and cooling capability. Silicone radiator & heater hoses enhance value, durability, & reliability. Constant tension band clamps reduce leaks. ClimaTech extended life coolant extends maintenance intervals which reduces maintenance costs. Anti-freeze effective to -30 degrees F helps protect the engine. Low coolant level sensor warns of low coolant condition to prevent engine damage. Radiator Size by Model: 587: 1330 sq in, 579/367 FEPTO 1325 sq in, 567/365/367: 1440 sq in, 384/386: 1301 sq in, 365 FEPTO: 1184 sq in, 389/367 HH: 1669 sq in, 348: 1000 sq in, 320: 1242 sq in.	0	0
<b>Bugscreen-Removable Type Grill Mtd</b> Additional clips at bottom of bugscreen.	84	0
<b>Stainless Steel Grille</b>	0	0
<b>Heavy Duty Air Cleaner</b> Molded rubber air intake connections with lined stainless steel clamps seal to prevent contaminants in air intake.	0	0
<b>Exhaust Single LH Vertical</b> L9N Or ISX12N Only	-3,295	-486
<b>Single 36in Standpipe</b>	0	0

**Transmission & Equipment**

<b>Allison 4500 RDS-P Transmission, Gen 5</b> Rugged Duty Series. Includes Rear Transmission Support except on MX engines, TranSynd Transmission Fluid, and Water Oil Heat Exchange. Also includes features that monitor the transmission fluid, filter and clutch condition. Will display percent life remaining for the transmission fluid, filter and clutches on the shift selector. This information may be displayed using the Mode and Up and Down buttons. A wrench icon will also be included to indicate when the transmission fluid, filter or clutches need servicing. (Suited for vehicles operating on/off highway and/or requiring PTO operation) Forward Ratios: 1st-4.70, 2nd-2.21, 3rd-1.53, 4th-1.00, 5th-0.76, 6th-0.67 / Reverse Ratios: DR-(5.55)	16,708	365
<b>1810 HD Driveline, 1 Midship Bearing</b> 4.5in x .180 wall tubing	315	70
<b>Allison FuelSense Not Desired</b>	0	0
<b>Dual Station Electric Shift, Allison HD/RDS</b>	0	0
<b>Console Mounted Push Button Shifter</b> Allison transmissions	0	0
<b>Auto Neutral AK, Allison HD/RDS Dual Steer</b> Add Code 4540940 if plumbed to Flip Valve to actuate service brakes is desired.	0	0
<b>Allison MD/HD Shift Select AL</b> W/DUAL STATION CTRL	3	0

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Description	\$ List	Weight
<b>Allison 6-Speed Configuration, Wide Ratio Gears</b> Allison 4500 Transmission Only	0	0
<b>Air &amp; Trailer Equipment</b>		
<b>Bendix AD-IS EP Air Dryer with Heater</b> And Coalescing Filter; Extended Purge	0	0
<b>Nylon Chassis Hose</b>	0	0
<b>(1) Flipper Valve to Actuate Front/Rear Brakes</b> Use with 6501100 RH Drive Stand-Up Dual Steer only	-73	0
<b>Steel Painted Air Tanks</b> All air tanks are steel with painted finish except when Code 4543330 Polish Aluminum Air Tanks is also selected (then exposed air tanks outside the frame rails will be polished aluminum). Peterbilt will determine the optimal size and location of required air tanks. Narratives requesting a specific air tank size or location will not be accepted for factory installation. See ECAT to determine number or location of air tanks installed.	0	0
<b>Dual Brake Pedals</b> Only Available with 6501100 or 6501110.	0	0
<b>Route Air &amp; Electric Lines To Allow Welding</b> of sub frame to top of frame 8in forward of BOC to EOF	342	0
<b>Tires &amp; Wheels</b>		
<b>FF: BR 20ply 315/80R22.5 M860A</b> Diameter = 42.8 inches; SLR = 19.9 inches	-140	-4
<b>RR: BR 20ply 315/80R22.5 M860A</b> Diameter = 42.8 inches; SLR = 19.9 inches	2,252	376
<b>Code-rear Tire Qty 08</b>	0	0
<b>FF: Accur Stl Armor 29300PK 22.5X9.00</b> Heavy Duty. PHP10-5 Hand Holes	353	64
<b>RR: Accur Steel Armor 29300PK 22.5X9.00</b> PHP10-5 hand holes	1,412	256
<b>Code-rear Rim Qty 08</b>	0	0
<b>Fuel Tanks</b>		
<b>No Fuel Tank/Fuel System Provided, CNG Only</b>	-342	0
<b>Location LH BOC 000 Gal</b>	0	0
<b>CNG Body Mounted Cabinet, Frame Mounted Tank</b>	0	0
<b>CNG Fuel System</b>	0	0
<b>Battery Box &amp; Bumper</b>		
<b>Aluminum Space Saver Battery Box RH BOC</b>	-34	-11
<b>Rubber Battery Pad In Bottom Of (1) Battery Box</b> (Mat in box that holds batteries only)	24	2
<b>Mount Space Saver Battery Box Top Of Box 8in</b> Below top of frame	93	0

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Description	\$ List	Weight
<b>Steel Bumper Swept Back Painted</b> Requires bumper extension. Includes two front tow eyes with pins.	-149	2
<b>Notched Top Flange Of Bumper</b>	50	0
<b>Screen Over Air Intake Opening In Bumper</b>	11	2
<b>Cab &amp; Equipment</b>		
<b>53in LCF ProBilt Cab Dual Drive RH Stand-Up</b> RH drive only available up to 3rd gear. RH Stand-Up steer trucks MUST be limited to 3rd gear when driving from the RH side to comply with the speed limit of 20 MPH.	9,904	81
<b>Key All Units Alike</b> Please add your 3 digit key code number in the key code field.	190	0
<b>KEY G168</b>	0	0
<b>4.5 Inch Rubber Flares on Cab</b> and Wheel Well Fenders	0	0
<b>Sears C2 Driver Seat</b>	209	0
<b>Adjustable RH Standup Seat</b> Only available with 6501100.	0	0
<b>Seat Belt Color Orange IPO Standard Black</b>	10	0
<b>Air Ride Driver</b>	237	0
<b>Mid Back Driver</b>	76	0
<b>Vinyl Driver</b>	0	0
<b>Vinyl Passenger</b>	0	0
<b>Gray Interior Color</b> Includes ABS gray headliner & rear cab panel, gray vinyl engine tunnel cover. For LH, RH, and dual steer dual seated power windows are standard on both doors. For dual steer RH stand-up the LH window is power and the RH window is a manual sliding window.	0	0
<b>Fixed Steering Column</b>	1,861	0
<b>Steering Wheels for Dual Steer</b> 16 inch LH and RH drive station.	130	0
<b>Diamond Plate Floor Covering on Driver side floor</b> in place of Rubber Mat. In Dual Steer application RH Diamond Plate covering is standard. Single drive applications the Diamond Plate is optional.	46	6
<b>Rear Window Back of Cab Standard Tint</b> 18.5in X 54in	0	0
<b>RH Folding Door</b> For use with Code 6501100 only.	0	0
<b>Two Piece Flat Windshield</b>	0	0

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Description	\$ List	Weight
<b>Fresh Air Heater</b> with integral windshield defroster and central controls.	-465	0
<b>Red Dot Ceiling Mounted Air Conditioner</b> with module mounted condensor.	3,351	48
<b>Black LH/RH Dual Plane Mirrors, Heated</b> Motorized, driver-door, pass-frt of cab	98	2
<b>Addtl Convex Mirrors, Mtd Top of LH/RH</b> Dual Plane Mirrors	87	0
<b>(2) Air Horns 24.5in Chrome - Round w/Horn Shield</b>	485	8
<b>ConcertClass w/CD, Bluetooth Phone and Audio</b> Includes AM/FM, WB, USB and MP3.	495	10
<b>Midlevel Speaker Package For Cab</b> (4) Speakers	134	6
<b>Radio Mute when Allison Transmission</b> in reverse - requires option 8140690 for 520 only.	295	0
<b>Cab Tilt Pump Air Assist</b>	170	0
<b>Rain Gutters Over Driver and Passenger Doors</b>	74	8
<b>Peterbilt Pantograph Windshield Wipers</b> With intermittent feature.	0	0
<b>Triangle Reflector Kit Shipped Loose</b>	20	13
<b>Backup Alarm Wiring To EOF</b>	0	0
<b>Main Transmission Oil Temperature Gauge</b> Located in Driver Information Display	0	0
<b>Air Restriction Indicator</b> Mounted on Exhaust Stanchion	0	0
<b>Warning Light Battery Disconnect, Switch Engaged</b> (Marker light) external mounted.	15	0
<b>Headlights Single Rectangular LED</b>	777	0
<b>(5) Light Guards On Marker Lights</b>	23	2
<b>(5) LED Clearance With (2) LED Marker Lights</b> Includes (5) lights mounted on roof of cab and (1) cab side marker light mounted in front of each cab door.	0	0
<b>None Furnished Stop/Tail/Backup Lights</b> Available with Full Truck only. Not available with Tractor.	0	0
<b>Daytime Running Lights</b> (Required on Canadian units)	76	0
<b>Brake Lights Activated by Park Brake</b> Requires Option 7726010	82	0

**Paint**

<b>(1) Color Axalta Two Stage - Cab/Hood</b> Base Coat/Clear Coat N85020 A - L0225EB WHITE	142	0
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	Description	\$ List	Weight
N85500	CAB ROOF L0225EB WHITE		
N85200	FRAME N0001EA BLACK		
N85700	BUMPER N0001EA BLACK		
<b>Options Not Subject To Discount</b>			
	<b>Peterbilt Class 8 Standard Coverage</b>	0	0
	1 year/100,000 Miles (160,000 km)		
<b>Miscellaneous</b>			
	<b>2017 EPA Emissions Engine</b>	0	0
	Warranty Only		
	<b>Presentation Created Using Featured Spec</b>	0	0
	For Model		
Total Adjusted Price (W/O Freight & Warranty & Surcharges)		\$274,719	
Freight Charge		\$2,925	
Options Not Subject to Discount		\$0	
Surcharges Not subject to Discount		\$0	
Total Weight			19599

**Prices and Specifications Subject to Change Without Notice.**

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McNeilus Truck and Manufacturing Inc.

941 Hemlock Road  
Morgantown, PA 19543  
6102860400

### Model 2513: XC 25 yd Rear Loader

Quote Number: 0V3201710310905 Rev: 0

Printed: 10/31/2017

To:

USA Hauling & Recycling *AAUO*  
15 Mullen Rd  
Enfield, CT 06082\_USA  
Attn:

Unit Price:	\$ 116,508
Federal Excise Tax:	\$ -
Freight:	\$ 3,673
Total Unit Price:	\$ 120,181
Quantity:	2 ✓
Extended Price:	\$ 240,362

**Delivery Point:**

USA Hauling & Recycling  
15 Mullen Rd  
Enfield, CT 06082  
USA

**Standard Equipment:**

Commerical Intertech Pump and Valves  
D.O.T. Reflective Tape  
Tailgate Safety Prop

Rosenboom Cylinders  
Smart Pak  
Aeroquip Hoses

Body Access Door  
3.55 cubic yard hopper  
L.E.D. Lights

**Options Included in Price:**

- Tank 92 DGE Back of Cab CNG System ✓
- Access Door Ladder, Fold-Up with Shut Down
- Bumper Pads Bolted to Tailgate
- Cart Tipper Model: Perkins D6220B ✓
- CNG Door/Cap Ajar, Starter Disable
- CNG/LNG Handling Provision
- Fire Extinguisher in Cab, 5 lb.
- Guides and Latches: Yes
- Hopper Work Lights: 2
- Match Primary Body Color
- Methane Detector in Cab (MTM)
- Monitor Mount Center Overhead
- Mudflaps, Front: Black w/McNeilus Logo
- Power Distribution Module, Chassis Frame, Streetside
- Reeving Cylinder, 12K
- Safety Triangle Kit in Cab
- Smart Lights, (6), 4" on Tailgate and Body Front
- SSV9 (2017) 9" Color 6 port, 128GB SD Card, 2 Cameras
- Three Year Cylinder Warranty

**Quantity Discount**

Pricing includes all applicable discounts for quantity quoted. Change of quantity ordered may result in revision of price.

**Freight Charges**

Freight charge is estimated based upon fuel cost at the time of quotation. The charge is subject to change at the time of delivery. Shipping arrangements (when applicable) are made for the convenience of the customer. Seller assumes no responsibility for the equipment in transport.

**Specifications**

All specifications are subject to change without notice. Several factors beyond the control of the chassis OEM or McNeilus may result in the substitution of components of equal or greater quality.

**Special Options**

Special options are subject to Engineering application approval.

**Taxes**

No state or local taxes are included in the prices quoted herein. Any applicable state and local taxes must be added to these prices and paid directly by the purchaser.

**Terms & Conditions**

This quotation assumes and is subject to the standard terms and conditions of London Machinery, McNeilus Truck and Manufacturing Co. and Oshkosh Corporation, including limitations of warranty.

**Payment Terms**

Due upon receipt.

3 Year Cylinder Warranty is selected on this Quote  
5 Year Cylinder Warranty would add \$2200

**Chassis:** CT - Peterbilt 520 CNG (Provided By Customer)

This quotation is valid until 11/30/2017. Any order is contingent upon acceptance by McNeilus Companies, Inc.

By signing and returning this document, you are indicating that you have read and approved the above specification.

\_\_\_\_\_  
Date(s) chassis will arrive at McNeilus

  
\_\_\_\_\_  
Authorized Signature

\_\_\_\_\_  
Date