



Quotation 101066

Customer:	Columbus Peterbilt	Vendor:	A-1 Alternative Fuel Systems
Billing address:	6240 Enterprise Pkwy Grove City OH 43123 USA	Address:	2320 Stanislaus St. Fresno, CA 93721
Shipping address:	6240 Enterprise Pkwy Grove City OH 43123 USA	Phone:	559.485.4427
Attention:	John Kraus	Date:	04/29/2026
Vehicle Make:	Peterbilt	Manufacturing Facility:	Elkhart
Vehicle Model:	TBD	Payment Terms:	Due on Completion
Vehicle Model Year:	2026		
Installation Facility:	A-1 Facility 3608 Cooper Drive Elkhart IN		

Part #	Part description	Quantity	Price per UoM	Tax	Subtotal
A-Frame XL: 40DGE	<p>System consists of 1 cylinder mounted outside of and on to the frame rail 92" of clear outer frame space required on driver side;</p> <p>System includes integrated fuel management module on driver side with standard CNG fill receptacle, high-flow fill receptacle, fuel transfer receptacle, high- and low-pressure gauges, 1/4 turn manual shut off valve, starter interrupt, and 3-way off-load valve with defuel receptacle.</p> <p>System also includes: custom paint match & A-1 InSight. Tanks to be mounted starting behind the cab, NOT under cab.</p> <p>Gas flow tubing from the fueling connection shall be a minimum 1/2" O.D. tubing to minimize pressure drop and fill time. Connections shall be 3/8" or 1/2" tubing.</p> <p>Vehicle shall be delivered with a CNG system Bill of Material's to include all CNG parts and components.</p> <p>CNG storage cabinet shall have a minimum ground clearance of 14"</p>	1	\$		\$
A-Frame XL: 40DGE	<p>System consists of 1 cylinder mounted outside of and on to the frame rail Price included above</p>	1	\$ 0.00		\$ 0.00

92" of clear outer frame space required on passenger side; System also includes custom paint match. Tanks to be mounted starting behind the cab, NOT under cab.

Gas flow tubing from the fueling connection shall be a minimum 1/2" O.D. tubing to minimize pressure drop and fill time. Connections shall be 3/8" or 1/2" tubing.

Vehicle shall be delivered with a CNG system Bill of Material's to include all CNG parts and components.

CNG storage cabinet shall have a minimum ground clearance of 14"

Fuel: Half Fill	Vehicles will be filled halfway after installation	1	\$	\$
A107-003	25 ft Offload hose assembly	1 pcs	\$	\$
Total:				\$
Total including tax:				\$

NOTE: Quote is FOB Elkhart, IN. and does not include shipping of CNG truck to customer. Customer shall be responsible for shipping. For a separate quote on shipping, please contact A-1 sales rep.

Conditions of Quotation:

1. Vehicle must be ordered with Cummins natural gas engine.
2. Price does not include applicable federal excise tax or sales tax and is in USD.
3. Quote is valid for up to 60 days.
4. Any vehicles that do not come equipped with taillights and/or mud flaps will be subject to a \$500.00 added charge when A-1 is coordinating the transport. The \$500.00 charge will be added to the invoice.
5. All A-1 systems leave a minimum of 9" ground clearance. If additional ground clearance is needed, please contact your A-1 Sales Rep prior to install.
6. For Roll-Off Orders, hydraulic cylinders must be mounted inboard of frame rails.
7. Quote is contingent upon engineering confirmation of quoted tank package fitment on chassis. See A-1 drawing: 80FM-FMM-2025.
8. Vehicle(s) will be half filled upon completion.
9. Customer must specify paint code for paint match.
10. After receipt of PURCHASE ORDER, VINS and BUILD DATES, vehicles will be slotted into the production queue and your A-1 sales rep can provide an expected production date. Vehicles are currently being slotted into production in August of 2026.

Vehicle & Order Information:

Make: _____ Model: _____

Model Year: _____ Engine Model: _____

Wheelbase: _____ Paint Code (as applicable): _____

VIN(s): _____

Build Date(s): _____

BUYER AUTHORIZATION:

Buyer's signature below is an acceptance to purchase the products identified above and agreement to all of A-1's Standard Terms and Conditions. Issuance of a purchase order related to or derived from an A-1 Quotation shall also assume Buyer's agreement to A-1's Standard Terms and Conditions.

Signature: _____ Date: _____

Name: _____ Purchase Order(s): _____

SELLER CONFIRMATION
(INTERNAL ONLY: A-1 TEAM)

Signature: _____ Date: _____

Name: _____

Almared Inc. dba A-1 Alternative Fuel Systems does not send bank account information, or electronic payment (ACH and/or wire transfer) instructions via email. To remit payment electronically (ACH and/or wire transfer), please call to receive instructions and bank account information.



Almared Inc. / A-1 Alternative Fuel Systems Standard Terms & Conditions

1. TERMS AND CONDITIONS OF SALE

Customer's ("Customer") acceptance of any purchase order or offer to sell is limited to these terms and conditions. No additional, different, or inconsistent terms and conditions shall become part of the contract between Almared Inc. or its applicable subsidiary A-1 Alternative Fuel Systems ("A-1") and Customer unless expressly accepted in writing by A-1.

A-1's acceptance of any offer to purchase is expressly conditioned on Customer's acceptance of all terms and conditions as stated herein, including any terms in addition to, or inconsistent with, those contained in Customer's offer. Acceptance of any of A-1's products or services shall in all events constitute such assent. Customer's Signature on accompanied quote is acceptance of all terms and conditions stated herein

Purchase orders from Customer are only to be used for designating products or services ordered, respective quantities and delivery dates; all other terms therein shall be deemed objected to, rejected by and non-binding on A-1.

A-1 performs certain work including but not limited to installation of alternative fuel systems, manufacturing alternative fuel systems, installation of methane detection systems and fire suppression systems and other work as described in the quote provided by A-1 or purchase order accepted by A-1. These terms and conditions govern any work A-1 is contracted to perform.

2. INVOICING

Upon completion (as defined below), A-1 shall promptly issue to Customer an invoice, dated and numbered, for all products for which such delivery was made or services performed (an "Invoice"). Each Invoice shall include: (1) the applicable purchase order reference number, (2) the Customer's location scheduled to receive the products, (3) the price of such products and/or services, (4) applicable freight costs. All prices are in U.S. dollars.

3. PAYMENT

Payment shall be made by Customer at completion of work performed by A-1 on vehicle, trailer, or other type of equipment unless otherwise specified on quote. A service charge equal to the maximum rate permitted by applicable law, will be added to past due amounts. Customer agrees to pay all costs and expenses of A-1 associated with collection of any past due amounts, including reasonable attorney's fees. In addition, A-1 reserves the right to hold further shipments of products or performance of services until said past due amounts are paid in full to A-1, and to seek any other remedies available under law. Payment of an Invoice by Customer shall not be delayed for any reason, or contingent upon Customer's receipt of any payment from or action by another party. In the event Customer shall become insolvent or makes a general assignment for the benefit of creditors, or files or has filed against it a petition of bankruptcy or for reorganization, or pursues any other remedy under law related to the relief of debtors, or in the event a receiver be appointed of Customer's property or business, A-1 may, at its sole discretion, immediately and without notice terminate its performance under any open Invoices and treat the Customer as in default. Customer hereby grants A-1 a purchase money security interest in the products until A-1 has been paid in full.

4. CHANGES, RESCHEDULES AND CANCELLATIONS

Customer may request to modify the specifications of products or services purchased herein, to change the original delivery dates or to cancel all or part of an order. No such requested modification or cancellation shall become part of the contract unless accepted by both Customer and A-1 in a written amendment to the applicable purchase order. Acceptance of any such request for change or cancellation shall be at A-1's discretion, and shall be upon such terms and conditions as A-1 may require, including, without limitation, cancellation fees up to the full price of A-1's products and services payable by the Customer. A-1 may discontinue or change any products or services at any time and its only obligation shall be to deliver the products or services pursuant to accepted purchase orders.

5. DELIVERY

Unless otherwise provided on the face of an Invoice, delivery shall be made by the method preferred by Customer, if indicated. Regardless of the method of shipment, title and risk of loss shall pass to Customer upon delivery. As used herein, "delivery" shall mean the date on which the product is accepted by the common carrier for shipment, regardless of whether such product is purchased without installation, installed at A-1's location or installed at Customer's body or chassis supplier or at an alternate location of Customer; provided, however, that in the event A-1 installs the product into Customer's vehicle and subsequently delivers such vehicle directly to Customer, "delivery" shall mean the date on which such vehicle is delivered to Customer. Any delivery dates shown on an



Invoice are approximate only and A-1 shall have no liability for delays in delivery. If Customer causes or requests a shipment delay, or if A-1 ships or delivers any products erroneously as a result of inaccurate, incomplete or misleading information supplied by Customer or its agents or employees, storage and all other additional costs and risks shall be borne solely by Customer. Claims for products damaged or lost in transit should be made by Customer to the carrier, as A-1's responsibility ceases upon delivery.

6. INSPECTION OF PRODUCTS

Customer shall promptly inspect the product(s) upon arrival at their destination. Claims for omissions or shortages must be reported to A-1 in writing within 5 days of receipt of the shipment by Customer or its representative; if such claims are not made within such time period, any claims by Customer for omissions or shortages shall be deemed waived. Customer shall have 5 days following receipt of the shipment by Customer or its representative to inspect the product(s) for damage (other than from shipping), defect or nonconformance. For any damaged, defective or nonconforming products, A-1 will repair or replace, at its option and expense, the product(s) proved to be damaged, defective or nonconforming (using new or refurbished parts) within the Warranty Period (as defined below) and under and subject to the conditions of the warranty set forth above, or A-1 may choose to refund the net sales price paid by Customer in lieu of such repair or replacement. Products that are returned to A-1 shall be shipped at the risk and expense of Customer, freight prepaid. No claims may be made by Customer after expiration of the Warranty Period. Nothing in this Section 6 shall affect or modify the transfer of title and risk of loss to Customer upon delivery in accordance with Section 5.

7. WARRANTY

Heavy Duty Vehicle Upfits (Cummins Engine)

The following warranty is, to the maximum extent permitted by law, the sole and exclusive warranty and is expressly in lieu of any other warranties, remedies, and conditions by operation of law or otherwise, whether oral or written, or express or implied, including any implied warranty of merchantability or fitness for a particular purpose; this warranty is made solely to the original Customer, is non-transferable unless otherwise approved in writing by A-1, and is conditioned upon proper installation, operation, use, and required maintenance. A-1 Alternative Fuel Systems ("A-1") is the Manufacturer of Record ("MOR") for the compressed natural gas (CNG) and/or liquefied natural gas (LNG) fuel storage and delivery system supplied by A-1, and this warranty applies only to components supplied and installed by A-1, including but not limited to fuel storage, delivery, and associated system components, and A-1 shall have no responsibility or liability for any components, systems, or equipment not manufactured or supplied by A-1. Unless otherwise stated in writing, the warranty period for A-1 supplied components and installation workmanship shall be two (2) years or 200,000 miles, whichever occurs first, beginning on the earlier of installation date or ninety (90) days after shipment from an A-1 facility, and any extended warranty programs must be separately purchased and approved in writing by A-1. This warranty is governed by and subject to A-1's Heavy Duty CNG/LNG Warranty Policy & Procedure Manual, as may be updated from time to time, which includes, without limitation, definitions of covered components, exclusions, required maintenance, warranty claim procedures, and labor reimbursement guidelines, and in the event of any conflict, such Warranty Policy & Procedure Manual shall control with respect to warranty administration and coverage requirements. All warranty claims are subject to strict compliance with A-1's warranty procedures, including obtaining advance authorization through a Warranty Authorization Number ("WAN") prior to repair, timely submission of required documentation, and use of A-1 or its authorized service providers unless otherwise approved in writing, and failure to comply with such requirements may result in denial of warranty coverage. Customer shall be responsible for transporting product to an authorized repair facility, ensuring all required maintenance is performed and documented, and providing a qualified repair facility acceptable to A-1 if applicable, and failure to perform required maintenance or misuse of the product shall void warranty coverage for affected components. The warranty does not apply to failures or damage caused by improper handling, installation, or operation, abuse, misuse, negligence, neglect, lack of required maintenance, corrosion, contamination, over-pressurization, collision, fire, acts of nature, or any installations, repairs, or modifications performed by parties other than A-1 or its authorized service representatives, nor does it apply to normal wear items or to any components not supplied by A-1. UNDER NO CIRCUMSTANCES, AND IN NO EVENT, WILL A-1 OR ANY OF ITS DIRECT OR INDIRECT SUBSIDIARIES OR AFFILIATES BE LIABLE FOR ANY PERSONAL INJURY, PROPERTY DAMAGE, OR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, INDIRECT, EXEMPLARY, OR PUNITIVE DAMAGES, INCLUDING WITHOUT LIMITATION LOST PROFITS OR LOST REVENUES, ARISING OUT OF OR RELATED TO ANY PRODUCT OR SERVICE, WHETHER BASED IN CONTRACT, WARRANTY, TORT, STRICT LIABILITY, OR OTHERWISE, AND A-1'S TOTAL AGGREGATE LIABILITY SHALL BE LIMITED, AT A-1'S OPTION, TO THE COST OF REPAIR OR REPLACEMENT OF THE APPLICABLE PRODUCT OR, IN LIEU THEREOF, A REFUND OF THE NET SALES PRICE OF SUCH PRODUCT, AND NO ADDITIONAL ALLOWANCE SHALL BE MADE FOR LABOR, TRANSPORTATION, OR OTHER COSTS; except as expressly set forth herein, all products and services are provided "AS IS," "WHERE IS," and "WITH ALL FAULTS." Warranty repairs must be performed by A-1 or its authorized service provider unless otherwise approved in writing, unauthorized repairs void warranty coverage, and any replacement parts furnished under this warranty shall be covered only for the remainder of the original warranty period.

Medium Duty Vehicle Conversions (Ford/GM/ISUZU)

The following warranty is, to the maximum extent permitted by law, the sole and exclusive warranty and is expressly in lieu of any other warranties, remedies, and conditions by operation of law or otherwise, whether oral or written, or express or implied, including any implied warranty of merchantability or fitness for a particular purpose; this warranty is made solely to the original Customer, is non-

transferable unless otherwise approved in writing by A-1, and is conditioned upon proper installation, operation, use, and required maintenance. A-1 Alternative Fuel Systems ("A-1") is the Manufacturer of Record ("MOR") solely for the high-pressure CNG fuel storage, fueling, and high-pressure delivery system supplied and installed by A-1, including components from the fill receptacle through cylinders, valves, high-pressure lines, and filtration up to but not including the pressure regulator, and this warranty applies only to such A-1 supplied high-pressure components and associated installation workmanship; A-1 is not the Manufacturer of Record for the pressure regulator, low-pressure fuel system, engine fuel kit, injectors, fuel rails, electronic control components, or any Ford OEM components, all of which are warranted solely by their respective manufacturers, and A-1 shall have no responsibility or liability for such components except to the extent a failure is directly caused by an A-1 supplied component or installation. Unless otherwise stated in writing, the warranty period for A-1 high-pressure MOR components and installation workmanship shall be three (3) years or 36,000 miles, whichever occurs first, beginning on the earlier of installation date or ninety (90) days after shipment from an A-1 facility, and emissions-related components or systems not manufactured by A-1 are covered only by their original manufacturer in accordance with applicable EPA and/or CARB requirements. This warranty is governed by and subject to A-1's Ford CNG Vehicle Conversion Warranty Policy & Procedure Manual, as may be updated from time to time, which includes, without limitation, definitions of covered components, pass-through components, exclusions, contamination limitations, over-pressurization restrictions, required maintenance, warranty claim procedures, and labor reimbursement guidelines, and in the event of any conflict, such Warranty Policy & Procedure Manual shall control with respect to warranty administration and coverage requirements. All warranty claims are subject to strict compliance with A-1's warranty procedures, including obtaining advance authorization through a Warranty Authorization Number ("WAN") prior to repair, timely submission of required documentation including the "3 C's" (Concern, Cause, Correction), and use of A-1 or its authorized service providers unless otherwise approved in writing, and failure to comply with such requirements may result in denial of warranty coverage; claims involving pass-through components must be processed through the original manufacturer's warranty channel. Customer shall be responsible for transporting product to an authorized repair facility, ensuring all required maintenance is performed and documented, and operating the vehicle in accordance with all applicable guidelines, and failure to perform required maintenance, improper use, improper mounting, body installation interference, contamination, over-pressurization, or misuse of the system shall void warranty coverage for affected components. The warranty does not apply to failures or damage caused by improper handling, installation, or operation, abuse, misuse, negligence, neglect, lack of required maintenance, corrosion, contamination, over-pressurization or over-filling, collision, fire, acts of nature, unauthorized modifications including PCM reflashes over A-1 calibration, or any installations, repairs, or modifications performed by parties other than A-1 or its authorized service representatives, nor does it apply to normal wear items including but not limited to O-rings, filter elements, caps, drain plugs, and flexible hoses, or to any components not supplied by A-1. UNDER NO CIRCUMSTANCES, AND IN NO EVENT, WILL A-1 OR ANY OF ITS DIRECT OR INDIRECT SUBSIDIARIES OR AFFILIATES BE LIABLE FOR ANY PERSONAL INJURY, PROPERTY DAMAGE, OR ANY INCIDENTAL, CONSEQUENTIAL, SPECIAL, INDIRECT, EXEMPLARY, OR PUNITIVE DAMAGES, INCLUDING WITHOUT LIMITATION LOST PROFITS OR LOST REVENUES, ARISING OUT OF OR RELATED TO ANY PRODUCT OR SERVICE, WHETHER BASED IN CONTRACT, WARRANTY, TORT, STRICT LIABILITY, OR OTHERWISE, AND A-1'S TOTAL AGGREGATE LIABILITY SHALL BE LIMITED, AT A-1'S OPTION, TO THE COST OF REPAIR OR REPLACEMENT OF THE APPLICABLE PRODUCT OR, IN LIEU THEREOF, A REFUND OF THE NET SALES PRICE OF SUCH PRODUCT, AND NO ADDITIONAL ALLOWANCE SHALL BE MADE FOR LABOR, TRANSPORTATION, OR OTHER COSTS; except as expressly set forth herein, all products and services are provided "AS IS," "WHERE IS," and "WITH ALL FAULTS." Warranty repairs must be performed by A-1 or its authorized service provider unless otherwise approved in writing, unauthorized repairs void warranty coverage, and any replacement parts furnished under this warranty shall be covered only for the remainder of the original warranty period.

8. PROPRIETARY

Any copies of or confidential information concerning either party, including such party's products, services, drawings, specifications, processes, and intellectual property, which may be provided to the other party (the "Recipient") as a result of the purchase order between A-1 and Customer are proprietary to and remain the exclusive property of such party and may not be used or disclosed by the Recipient without written consent of such party. Customer further agrees not to copy, reverse engineer, disassemble, or decompile any tangible objects of the A-1 product sold to the customer. Sale of any product does not include the sale or transfer of any of A-1's intellectual property rights.

9. NONSOLICITATION

Customer may not, without formal written consent by A-1, hire or attempt to hire any A-1 employee, previous A-1 employee, for a period of two years from the last date the employee was employed by A-1. A breach of this not to hire clause will cause A-1 irreparable harm, and as such the customer agrees to pay A-1 a finder's fee of twice the A-1 employees' annual salary. Payment of the fee by the customer to A-1 shall not be considered the sole remedy available to A-1. Customers will have twenty (20) business days to effect a cure for accidental breach of this clause, in which such cure is acceptable to A-1.

10. CONFIDENTIALITY

A-1's quotation (including the price of any product) shall be kept strictly confidential by Customer. It shall be subject to any NDAs or MNDAs already in place.

11. ACTS OF GOD

A-1 shall not be liable for failure to perform any of A-1's obligations due to circumstances beyond the reasonable control of A-1. This includes, without limitation, accidents, acts of God, strikes or labor disputes, laws or regulations of any government or government

agency, fires, floods, military operations, acts of terrorism, delays or failures in delivery of carriers or suppliers, shortages of materials, or any other cause beyond A-1's control. The occurrence of any contingency beyond A-1's reasonable control shall not constitute cause for cancellation of a purchase order but shall extend A-1's time to perform the required service for a period equal to the duration of such contingency.

12. ENTIRE AGREEMENT

The terms and conditions set forth herein, together with any amendments, modifications, and any different terms or conditions expressly accepted by A-1 in writing, shall constitute the entire agreement concerning products or services. There are no oral or other representations or agreements.

13. GOVERNING LAW

These Standard Terms and Conditions and Warranty shall be governed by the laws of the State of California without regards to the conflicts of law provisions thereof.



14. ASSIGNMENT

Customer may not assign these Standard Terms and Conditions and Warranty, in whole or in part, without A-1's prior written consent. These Standard Terms and Conditions and Warranty shall be binding upon and insure to the benefit of the parties' respective successors and permitted assigns.

15. ENFORCEABILITY

If any provision of these Standard Terms and Conditions and Warranty is held by a court of competent jurisdiction to be invalid or unenforceable for any reason, the remaining provisions will continue in full force and effect without being impaired or invalidated in any way and such court will replace such invalid or unenforceable provision with a valid and enforceable provision that will achieve, to the extent possible, the same economic, business and other purposes of the valid or unenforceable provision.

16. THIRD PARTIES

Nothing contained in these Standard Terms and Conditions and Warranty, express or implied, is intended to confer upon any other person or entity any benefits, rights or remedies, including the rights of a third-party beneficiary.

17. WAIVER OF RIGHTS

Failure of either party to insist on performance of any provision in these Standard Terms and Conditions and Warranty or any purchase order shall not be construed as a waiver of that provision or a waiver of A-1's or Customer's right to require compliance with such provision in any later instance.

18. Storage Expenses / Fees

Vehicles left or housed on A-1's property for more than 60 consecutive days shall be subject to, at A-1's discretion, a storage fee of \$15.00 per day. This storage fee, at A-1's discretion, may also be enforced should any purchase order or signed quote be canceled.

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Department of Public Service/Division of Infrastructure Management
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Detailed Specifications

3.2.3 **Subcontractor Information Required:** If subcontractor(s) are to be used, please list names, addresses, telephone numbers and a contact person for each subcontractor. All subcontracts must have valid contract compliance certification.

3.2.3.1 **Subcontractor Contact:** Should the offeror use subcontractors, the City shall use the offeror as the primary contact point.

3.2.4 **Specification Questions:** Questions regarding this bid including any exceptions and/or suggested changes to the requirements must be submitted on the vendor services portal by 11:00 am (local time) on Monday, May 4, 2026. Responses and any necessary addenda will be posted as an amendment to this RFQ on the City's Vendor Services portal no later than 11:00 a.m. (local time) on Thursday, May 7, 2026. The City strongly encourages bidders to submit exceptions and/or changes during this stage of the process. Bidders submitting exceptions and/or changes before this date will greatly reduce the likelihood of their bid being rejected as non-responsive to the specifications. Bidders whom have not registered and created a new user on the City's portal <https://columbusvendorservices.powerappsportals.com/> are strongly encouraged to do so. Notice of any pre-bid notes and addenda will only be sent to Bidders whom have registered at the site.

3.2.4.1 For further instructions on how to submit "Vendor Questions" through the Vendor Portal, please see Section "Add Vendor Questions" provided in the City of Columbus Vendor Services User Guide.

3.2.4.2 The City has instructional videos to assist bidders at the portal. Tutorial videos are available to be viewed through You Tube or by clicking the following link:

https://www.youtube.com/channel/UCTIkkGNM7GHITzoqQVNJIA/videos?shelf_id=0&view=0&sort=dd

SECTION NUMBER	SPECIFICATION DESCRIPTION	DESCRIBE ACTUAL PRODUCT BID
3.3	<p>Specification Information: The equipment shall be a new and unused CNG powered standard conventional truck mounted with a Pattern body. The Pattern Truck shall be capable of setting up and maintaining work zones in all weather conditions. The Pattern Truck body is to be a J-Tech custom pattern body or approved equivalent. <u>Bidders shall note compliance with the following specifications in the Describe Actual Product Bid column.</u> Indicate make, model, year and description of equipment bid. Bidders shall submit a copy of dealers build sheets with bid.</p>	

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SECTION NUMBER	SPECIFICATION DESCRIPTION	DESCRIBE ACTUAL PRODUCT BID
3.3.1	Alternates	
	Bids will be considered on units complying with the specifications. All alternates must be detailed in an attached letter to bid and the Manufacturer and Model clearly identified. Explanations must fully state what is to be furnished. All alternates must exceed specifications. The City of Columbus reserves the right to determine whether any proposed alternates are within the specifications.	
3.3.2	Chassis	
3.3.2.1	The unit shall be a Single Axle, Conventional Cab truck.	Peterbilt 537
3.3.2.2	Chassis shall be suitable for mounting a 20' pattern body.	Included
3.3.2.3	Shall have a G.V.W minimum rating of 35,000 lbs.	
3.3.2.4	Overall height of body and chassis shall not exceed 13' 6" above level ground or as required for the arrangement and configuration of equipment bid.	Included. Final Height determined at pre build.
3.3.3	Wheelbase	
3.3.3.1	Wheelbase and CA shall be determined by the truck and body vendors to ensure the arrangement and configuration of the equipment is correct.	Confirmed at pre build.
3.3.4	Engine	
3.3.4.1	Shall be a Cummins L9N – 320 HP or equivalent.	Cummins L9N CNG 320HP
3.3.4.2	Equipment shall include oil filter, fuel filter, air filter with restriction gauge, water filters, and automatic fan control for specific engine as required by the manufacturer.	Type text here Included
3.3.4.3	Cooling system shall be manufacturer's optional extended or increased capacity, with coolant filter, coolant recovery system, and coolant protection to -20 degrees.	Included
3.3.4.4	Shall have an exhaust system with vertical muffler and vertical tail pipe with heat shield and grab handle.	Included. Exhaust RH side of cab
3.3.4.5	Engine shall be equipped with a warning light and buzzer for high water temperature and low oil pressure and shall include automatic engine shut down to avoid damage.	Included

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SECTION NUMBER	SPECIFICATION DESCRIPTION	DESCRIBE ACTUAL PRODUCT BID
3.3.4.6	Shall have a thermostatically controlled 120-volt engine block heater with the engine manufacturer's recommended wattage and a receptacle mounted in front of chassis.	Included. Receptacle under driver door
3.3.5	Transmission	
3.3.5.1	The unit shall be equipped with an Allison 3000RDS with PTO provision or equivalent.	Included
3.3.5.2	Shall have a dash mounted temperature gauge.	Included
3.3.5.3	The transmission shall be equipped with an external heavy-duty water/oil cooler.	
3.3.6	Front Axle, Suspension	
3.3.6.1	Shall have a minimum capacity rating of 16,000 pounds.	20k axle
3.3.6.2	Shall have 16,000-pound minimum capacity taper leaf front suspension.	16k springs
3.3.6.3	Shall have maintenance free rubber bushings.	Included
3.3.6.4	Shall have heavy duty front shock absorbers.	Included
3.3.7	Rear Axle, Suspension	
3.3.7.1	Shall have a minimum capacity rating of 23,000 pounds for rear axles.	30,000# Rating
3.3.7.2	Suspension shall be a minimum 30,000 lb. capacity with a flat-leaf spring with radius rod and helper.	31,000# Rating
3.3.8	Frame	
3.3.8.1	The frame shall be the manufacturer's optional heavy duty, off highway type, reinforced by the addition of an inner liner or outer liner extending from the front of the front spring hanger to the rear end of the frame.	Full Steel Inner Liner/DbI Frame
3.3.8.2	Shall have a minimum frame rating of 120,000 PSI.	Included
3.3.8.3	Shall have two (2) tow hooks or tow bars mounted on frame on front and rear of chassis.	Included.
3.3.8.4	The after frame (AF) length shall be suitable for the arrangement and configuration of the equipment.	Included. Final configuration tbd at pre build.
3.3.8.5	The chassis shall be equipped with a full-width, HD steel front bumper.	Included

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SECTION NUMBER	SPECIFICATION DESCRIPTION	DESCRIBE ACTUAL PRODUCT BID
3.3.9	Brakes	
3.3.9.1	Brakes shall be capable of stopping and holding a fully loaded unit in all types of operating conditions.	Included
3.3.9.2	Service brakes shall be heavy-duty, anti-lock, ABS, drum or disc brakes with dust shields, maximum size available for the type of axle used, with automatic slack adjusters at all four (4) wheel locations.	Drum type
3.3.9.3	The system shall include a minimum of 13 cubic foot water cooled air compressor	18.7 CFM
3.3.9.4	Shall have spring type safety brake with mechanical screw type release.	Included
3.3.9.5	The brake system shall be equipped with a Bendix Westinghouse extended purge Model AD-IS heated air dryer or equivalent.	Bendix AD-HF Ext Purge with heater, dryer.
3.3.9.6	The primary air tank shall be equipped with DV-2 heated drain valve. All secondary tanks shall be equipped with Berg pull cord drain valves.	Included
3.3.9.7	The parking brake shall be compatible with the Allison RDS transmission and brakes or equivalent.	Included
3.3.10	Tires and Wheels	
3.3.10.1	Front tires shall be tubeless type properly sized and rated for specified weight load of axle.	Included.
3.3.10.2	Rear tires shall be four (4) tubeless radial, lug type, properly sized and rated for specified weight of axle.	Max capacity available as desired is 24,020#
3.3.10.3	Front and rear wheels shall be hub piloted disc one-piece aluminum wheels with one-piece rims.	Included
3.3.11	Steering	
3.3.11.1	The unit shall include steering box, gears and front axle options for maximum maneuverability.	Included
3.3.11.2	The power steering pump shall be sized appropriately for the axle being bid.	Included
3.3.11.3	Each bidder shall supply information showing turning radius of vehicle for each configuration proposed.	Included


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SECTION NUMBER	SPECIFICATION DESCRIPTION	DESCRIBE ACTUAL PRODUCT BID
3.3.12	Electrical	
3.3.12.1	Alternator shall be a 12-volt system with a maximum output of not less than 160 amps or as needed for the configuration.	160 amp
3.3.12.2	Batteries shall be maintenance free multiple 12-volt battery pack providing a minimum combined CCA rating of 2200 at 0 degrees or as needed for the configuration.	3000 CCA
3.3.12.3	A battery cut-off switch or low voltage disconnect shall be installed on the vehicle. This switch shall not be construed as the ignition switch.	Included on battery box
3.3.12.4	All electrical wiring shall be color coded, systematically identified, full length runs, enclosed within a wire loom, and terminated in a waterproof junction box suitable for body supplier to make connections to the chassis, located on the outside of the cab. Tap in type splices are unacceptable.	Included
3.3.12.5	All cab chassis and body lights shall be LED where applicable.	Included
3.3.12.6	Shall have strobe lights in the head and taillights.	Included with body builder package
3.3.13	Cab and Equipment	
3.3.13.1	Shall be a conventional type cab with air ride.	Included
3.3.13.2	Shall have forward tilting fiberglass hood with bright finish grill and radiator stone guard.	Included
3.3.13.3	Shall have tilt steering wheel.	Standard Equipment
3.3.13.4	Shall have tinted safety glass on all cab windows.	Included
3.3.13.5	Shall have intermittent electric dual windshield wipers on with headlights and washers.	Included
3.3.13.6	Shall have dual sun visors.	Included
3.3.13.7	Shall have high output hot water heater and dual defrosters, fresh air type.	Standard Equipment
3.3.13.8	Shall have factory installed air conditioning.	Standard Equipment

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Department of Public Service/Division of Infrastructure Management
Pattern Truck
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SECTION NUMBER	SPECIFICATION DESCRIPTION	DESCRIBE ACTUAL PRODUCT BID
3.3.13.9	Shall have air horn mounted under deck and single electric horn.	Included
3.3.13.10	Shall have complete set of gauges, all illuminated and interior cab lights suitable for map reading.	Included
3.3.13.11	Shall have grab handles and steps on both sides of cab.	Included.
3.3.13.12	Shall have engine hour meter inside of cab.	Standard Equipment
3.3.13.13	Shall have air suspension high back driver's seat and air suspension high back passenger seat.	Included
3.3.13.14	Shall have lap and shoulder seat belts with retractors for both driver and passenger seats. Seat Belts to have extenders supplied.	Included
3.3.13.15	Shall have interactive touchscreen display radio with USB-C, Bluetooth and microphone.	7" Infotainment System Included.
3.3.13.16	Shall have an electronic backup alarm.	Included
3.3.13.17	Shall have a maximum capacity air compressor to be provided with truck.	Included
3.3.13.18	A 20# ABC fire extinguisher shall be properly mounted in an easily accessible area for the operator.	Included.
3.3.13.19	Shall have powered locks and windows.	Included
3.3.13.20	Shall have Bluetooth capabilities.	Included
3.3.13.21	Shall have Fog lights.	Included.
3.3.13.22	Shall have an in-cab methane / gas detector with audible alarm for operator safety.	Included.
3.3.14	Mirrors	
3.3.14.1	Shall have left and right outside, heated mirrors, West Coast type, minimum size 7" x 15" with adjustable arm mount and heated 7" convex both sides.	Included
3.3.14.2	Shall have two (2) hood mounted convex mirrors left and right shall be properly installed on the hood.	Included

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SECTION NUMBER	SPECIFICATION DESCRIPTION	DESCRIBE ACTUAL PRODUCT BID
3.3.15	Paint	
3.3.15.1	Complete body unit shall be primed and painted, to paint manufacturer's recommendations, with Yellow 5248A lead free or equal.	5248 Paint
3.3.15.2	The complete unit (excluding cab if non-ferrous) shall be rust proofed and undercoated.	Included
3.3.16	Keys	
3.3.16.1	Four (4) sets of keys shall be provided.	Included, dealer supplied
3.3.17	CNG System	
3.3.17.1	All CNG technology submitted within the bid shall be E.P.A. or C.A.R.B. certified for the year or the equipment you are bidding. Please provide a copy of the certification with your bid.	Standard Equipment See Cummins .pdf file for EPA 24 Engine Certification
3.3.17.2	Shall have a Minimum 75-gallon capacity OEM installed type 3 or type 4, minimum 20-year life, compressed natural gas fuel tanks. Cylinders must comply with DOT or NGV2 regulation.	See CNG Description. Meets all Bid Requirements.
3.3.17.3	Cylinders shall be frame rail mounted or in a manner that can limit the overall length of the truck. All manufacturers' cylinder label information shall be recorded and provided to Fleet Management with each invoice.	
3.3.17.4	The Cab Chassis wheelbase and CA shall be as required for the arrangement and configuration of the equipment bid.	
3.3.17.5	Cylinders shall have a pressure release device (PRD) installed in a manner that ensures vented gas that is released blows clear of the truck. PRD's must be fitted with vent tubing appropriate for the application. Vent tubing must be routed to outside of CNG tank compartment. Each PRD must be vented separately. A Drawing showing the location and routing of the PRD vent system must be submitted to and approved by Steve Deal (614) 671-3142 prior to the build of any CNG system.	

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SECTION NUMBER	SPECIFICATION DESCRIPTION	DESCRIBE ACTUAL PRODUCT BID
3.3.17.6	PRD tubes shall be equipped with an O-ring equipped with a plug and with a tether	
3.3.17.7	Tanks shall have external solenoid valves and manual ball valves on each cylinder.	
3.3.17.8	Truck shall be equipped with both a standard flow fill valve (NGV1) and preferably a OPW-5000 (high –flow) fill valve in a securable mounted box with tank gauges, the box shall be located in an easily fueled and reachable area for the driver. Trucks shall also be equipped with a fuel transfer system/de-fuel system including a 3-way valve for off, on and vent. Transfer system shall also include 25’ of transfer hose assembly, properly equipped to safely transfer fuel. All fueling points to be located on the driver’s side of vehicle. When a fill fuel hose is connected to the fill points the engine starting circuit shall be made inoperable.	
3.3.17.9	Gas flow tubing from the fueling connection to the cylinders shall be a minimum ½” O.D. tubing to minimize pressure drop and fill time. Connections to cylinders shall be 3/8” or ½” O.D. tubing. Valves and other components in the gas fill path shall be selected to optimize fill speed.	
3.3.17.10	High and low pressure coalescing filters shall be installed on lines feeding the engine. Filters shall have a manual drain valve that is easily accessible and robust enough to facilitate frequent drainage.	
3.3.17.11	Engine compartments and exhaust system shall be properly shielded to minimize heat damage to the components.	
3.3.17.12	Shall have all other systems and equipment necessary to provide a complete compressed natural gas unit.	
3.3.17.13	CNG tank mounting locations and mount type shall be determined prior to award of bid.	Agreed

City of Columbus RFQ032676
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SECTION NUMBER	SPECIFICATION DESCRIPTION	DESCRIBE ACTUAL PRODUCT BID
3.3.17.14	A reflective CNG sticker shall be affixed to the right-rear of each vehicle.	Type text here
3.3.17.15	Each CNG fuel system shall be properly inspected (and pass inspection) by a qualified CNG system inspector. Each vehicle shall have a completed inspection sticker and inspection form supplied with each vehicle upon delivery to the city.	
3.3.17.16	Each vehicle shall be delivered with a CNG system Bill of Material's to include all CNG fuel system parts and components.	
3.3.17.17	Each vehicle shall be delivered with all CNG tanks properly filled with CNG.	
3.3.17.18	OEM dealer shall provide warranty service of the CNG system to include the engine. All CNG technology submitted within the bid shall be E.P.A. or C.A.R.B Certified for the year or the equipment you are bidding. Please provide a copy of the certification with your bid.	
3.3.17.19	CNG storage cabinet shall be painted black or be made of non-corrosive material for example stainless steel or aluminum material.	
3.3.17.20	CNG storage cabinet shall have a minimum ground clearance of 14".	
3.3.17.21	The CNG storage cabinet shall be equipped with removable inspection panels on each side and the rear of the cabinet. All fasteners used to attach the inspection panels shall be stainless steel.	
3.3.17.22	Each CNG tank shall be individually vented through the top of the CNG storage housing.	↓
3.3.18	J-Tech 20' Pattern Body or approved alternate	
3.3.18.1	Pattern body shall be a minimum of 20' long.	See Body Description. Meets bid specs.
3.3.18.2	Shall have heavy-duty steel bulkhead with viewing window.	↓
3.3.18.3	Shall have 38" black stake sides.	
3.3.18.4	Shall have 36" safety pods on both sides of the body with flip-up covers and safety bars.	↓

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SECTION NUMBER	SPECIFICATION DESCRIPTION	DESCRIBE ACTUAL PRODUCT BID
3.3.18.5	Shall have non-skid deck coating.	
3.3.18.6	Shall have two posts in rear corners of body.	
3.3.18.7	Shall have reflective tape on rub rail sections.	
3.3.18.8	Shall have one 46”w x 24”d toolbox mounted on the curbside of the vehicle with locking handles.	
3.3.18.9	Shall have a back up alarm.	
3.3.19.2	Lighting and Safety	
3.3.19.2.1	Shall have a WANCO high efficiency LED 25 light arrow board or equivalent that controls from inside the cab of the truck.	
3.3.19.2.2	Shall be equipped with a 90-degree power tilt.	
3.3.19.2.3	Shall be securely mounted to the bulkhead.	
3.3.19.2.4	Shall be wired to the chassis electrical system.	
3.3.19.2.5	Shall have two amber beacons mounted on the bulkhead wired to the in-cab switch.	
3.3.19.2.6	Shall have two rear facing amber LED warning lights mounted at the rear of the body and wired to the in-cab switch.	
3.3.19.2.7	Shall have two LED work lights mounted on the bulkhead and aimed into the bed.	
3.3.19.2.8	Shall have two LED work lights mounted on the rear bed posts aimed into the bed (one per post).	
3.3.19.2.9	Shall have two LED work lights mounted under the front corner of the body aimed at the ground (one per corner).	
3.3.19.2.10	Shall have two LED work lights mounted between the safety pods and the rear axle aimed at the ground (one per pod).	
3.3.19.2.11	All work lights shall be wired to the in-cab switch.	
3.3.20	Cameras and Communication System	
3.3.20.1	Shall have one camera mounted to the rear of the truck with infrared capabilities.	
3.3.20.2	Shall have camera monitor mounted in-cab.	

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SECTION NUMBER	SPECIFICATION DESCRIPTION	DESCRIBE ACTUAL PRODUCT BID
3.3.20.3	Shall have a back chat system or equivalent mounted to the bulkhead that allows bed occupants to communicate with the driver.	
3.3.21	Tow Package	
3.3.21.1	Shall have heavy-duty tow plate.	
3.3.21.2	Shall have 2" ball/pintle combo.	
3.3.21.3	Shall have an ICC bar.	
3.4	Training	
3.4.1	Manufacturer shall provide a training program that covers the unit's safe operational instruction and routine maintenance procedures. The training program shall be for a minimum of (1) one working day for the operators of the machine and minimum (1) one working day for Fleet Services personnel. Training will take place at locations determined by the City.	Included for both chassis and body system.

4.0 SAMPLING, INSPECTION AND TEST PROCEDURES

- 4.1 **Demonstration:** The City reserves the right to require a demonstration of any equipment prior to award of the bid. Such demonstration shall be conducted, at the sole discretion of the City, either on roads in the City of Columbus, or in another municipal setting in Franklin County, Ohio where such equipment is in daily operation. All costs associated with such demonstration are to be the responsibility of the supplier. All demonstrations shall be concluded within five (5) working days after notification of demo request. Failure to comply may be used as a basis for rejection of the bid.
- 4.2 **Inspection:** All parts shall be thoroughly, physically inspected upon delivery by an authorized representative of the Division of Infrastructure Management, Department of Public Service for verification of conformance to the specifications. Any damaged, defective, or substandard item shall be promptly removed by the supplier and replaced at no cost to the City of Columbus. The supplier will be responsible for all shipping costs.

City of Columbus RFQ032676
Department of Public Service/Division of Infrastructure Management
Pattern Truck
Detailed Specifications

REFERENCES

The bidder must briefly document its capabilities and submit an outline of its experience and work history in CNG Powered Pattern Truck sales and warranty service for the past five years by submitting the contact information of References from four (4) separate equipment sales. References should consist of projects of a similar scope, complexity, and cost.

Business Name: SWACO Tel #: (614) 871 5100

Address: 4239 London-Groveport Rd Grove City, OH 43123

E-mail: dean.headley@swaco.org Fax #: (614) 871 5103

Contact: Dean Headley Equipment purchase date: 1990-Present

Equipment Provided/ Warranty Service Performed:

Peterbilt Tractors, Refuse Equipment, Parts, Service and Support

Business Name: Franklin County Engineer Tel #: (614) 525 7182

Address: 970 Dublin Rd Columbus, OH 43215

E-mail: jmakursic@franklincountyengineer.org Fax #: (614) 525 3359

Contact: Jeff Makursic Equipment purchase date: 2022

Equipment Provided/ Warranty Service Performed:

Peterbilt 567 Tractor with related equipment and accessories to accomidate RGN trailer.

City of Columbus RFQ032676
Department of Public Service/Division of Infrastructure Management
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REFERENCES (continued)

Business Name: ODOT District 6 Tel #: (740) 833 8242

Address: 400 E William St Delaware, OH 43015

E-mail: rsteck@dot.ohio.gov Fax #: (Unpublished)

Contact: Randy Steck Equipment purchase date: 2014 to Present

Equipment Provided/ Warranty Service Performed:

Peterbilt Trucks, Maintenance & Support

Business Name: City of Columbus Tel #: (614) 645 6205

Address: 4211 Groves Rd Columbus, OH 43015

E-mail: dseward@columbus.gov Fax #: () -

Contact: Deryl Seward Equipment purchase date: 1990-Present

Equipment Provided/ Warranty Service Performed:

Peterbilt Trucks in multiple applications. Service, Parts, Warranty & Support

City of Columbus RFQ032676
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SUBCONTRACTORS INFORMATION (IF APPLICABLE)

Business Name: A1 Alternative Fuels Tel #: (559)485 4427

Address: 2320 Stanislaus St Fresno, CA 93721

E-mail: juan@a1altfuels.com Fax #: (559) 264 4961

Contact: Juan Ramos Equipment purchase date: TBD

Equipment Provided/ Warranty Service Performed:

CNG Tanks and Fuel System at Elkhart, IN facility.

Business Name: J-Tech Tel #: (610) 458 4334

Address: 102 Oscar Way Chester Spring, PA 19425

E-mail: jkohler@jtechusa.com Fax #: () -

Contact: Jeff Kohler Equipment purchase date: TBD

Equipment Provided/ Warranty Service Performed:

J-Tech Pattern Truck Body and Equipment.



**Ohio
Peterbilt**

May 21, 2026

City of Columbus
Purchasing Office
77 N Front Street
Columbus, OH 43215

Invitation to Bid: RFQ032676

Ohio Peterbilt is a fully franchised dealer for Peterbilt Motors Company, with 10 locations throughout Ohio. We provide Sales, Services, Parts and Warranty Support for both Medium and Heavy Duty Peterbilt Trucks. Our Service Department is authorized to repair Cummins, Paccar and Caterpillar engines. Our parent company, Ohio Machinery Company has been in business for 80 years.

Newly updated Service hours at the Grove City location are M-F 5AM to Midnight. Retail Parts hours are 7:30AM to 5PM MF. 24-Hour Parts availability is available through our customer portal, Online Parts Counter (OPC) and real time Service updates are available through our customer interface, Decisive. Our new dealership building near Pataskala will serve the Central Ohio region. Opening date is set for July 29, 2026

John Krauss will manage this project. He has 12+ years of Peterbilt Dealer Sales experience and 35+ years industry background. He has working knowledge of agriculture, construction and trucking operations. He has configured multiple applications including refuse, crane, aerial, dump, and snow/ice removal.

For this project, Ohio Peterbilt is offering a J-tech Pattern Body, with CNG fuel system provided by A1 Alternative Fuels. The J-Tech body is covered by a one-year warranty. A1 fuel system is covered by a 2 Year/200k mile warranty as detailed in the attached document.

Peterbilt trucks have historically maintained the highest resale values in the industry due to best in class engineering and the use of long life, rust-free components.

Current chassis production is estimated at 8-10 weeks. Peterbilt is currently experiencing a surge of 3rd and 4th Quarter 2026 builds prior to 2027 Emission Changes. Contact dealer for updates. CNG upfit estimate is 4-5 weeks. Body upfit is estimated at 8-10 weeks after receipt of chassis. A pre-build meeting is desired to confirm final specifications. Warranty will initiate once unit is In-Service. Please contact dealer for current delivery details.

Thank you.

Ohio Peterbilt

614 875 3732

www.ohiopeterbilt.com

PATTERN TRUCKS



Meet the pinnacle of
transport and deployment.



Work zones requiring cones, barrels and signage run more efficiently with a J-Tech Highway Safety pattern truck on the team. With optional features that make the job safer and more efficient, J-Tech pattern trucks support mile after mile of pattern setup and breakdown.

HELPING YOU MAKE ROADS SAFER WORKPLACES.

JTECH
HIGHWAY SAFETY

Custom build or rent, J-Tech provides the features and support services you need.

Our constant goal is to deliver the highest-quality, built-to-last equipment to our partners while continually developing innovative solutions that make highway work the safest it can be. Not only is J-Tech an industry leader when it comes to building custom highway safety pattern trucks, our fleet of turnkey rental trucks is available on standby for both short- and long-term work zone deployments.



Loaded with standard features, J-Tech Highway Safety pattern trucks are integral parts of the team.

OPTIONAL UPGRADES

- DVR system
- 2-way communication system
- Sign / cone racks
- Inverter
- Underbody tool boxes
- Amber upgrade package
- Work light upgrade package
- Arrow board or Message board

STANDARD FEATURES

- Multiple Body Lengths
- Powder-coated body & components
- Non-skid deck coating
- Heavy-duty steel bulkhead
- High-visibility safety red stakesides
- Class 1 LED amber / work light package
 - 2 beacons mounted to bulkhead
 - 6 warning lights on basket & rear corner posts
 - 8 work lights on bulkhead, under body & rear corner posts
- HD steel hydraulic safety basket
 - 4' x 8' platform with 36" railings
 - 1,500 lb. basket weight capacity
 - Steps for easy bed access
 - 2" towing receiver for accessory towing (1,300 lb. towing capacity & 400 lb. tongue weight)
 - Hydraulically lowers basket
- Back up camera system



This is only a sample of popular available options. J-Tech can build out a single truck or an entire fleet to your exacting company specifications.

Available options for J-Tech Highway Safety's pattern trucks include camera and lighting systems, arrow boards and more.

**J-TECH IS STANDING BY TO MAKE YOUR OPERATIONS SAFER!
TALK TO A HIGHWAY SAFETY EXPERT TODAY:**

610-458-4334

JTECHUSA.com 45 Senn Dr., Chester Springs, PA 19425

HELPING YOU MAKE ROADS SAFER WORKPLACES.

J-TECH
HIGHWAY SAFETY

Peterbilt Standard Warranty Coverage And Exclusions

Warranty Coverage	Class 8			Class 6/7		
	Months	Miles	KM	Months	Miles	KM
Base Emissions - CARB	60	350,000	NA	60	150,000	NA
Base Emissions - EPA/ECCC	60	100,000	160,000	60	100,000	160,000
Brakes - Bendix, Meritor	36	300,000	480,000	24	Unlimited	Unlimited
Cab, Hood Paint	12	100,000	160,000	12	100,000	160,000
Clutches - PACCAR	36	350,000	560,000	NA	NA	NA
Engine Major Components	60	500,000 mi/ 12,500 hours	800,000 km/ 12,500 hours	NA	NA	NA
Frame Paint - All Colors Other than Black	6	50,000	80,000	6	50,000	80,000
Frame Paint - Black Only	12	100,000	160,000	12	100,000	160,000
Frame Paint - Logger, Mixer, Dump, Refuse, Oil Field, Construction	3	25,000	40,000	3	25,000	40,000
Frame, Rails, Gussets, Crossmembers, Cab/Hood/Sleeper Corrosion or Perforation Caused by Corrosion	60	500,000	800,000	36	Unlimited	Unlimited
Front Axles - Meritor, Dana Spicer	36	300,000	480,000	48	Unlimited	Unlimited
Front Axles - PACCAR	60	750,000	1,200,000	60	750,000	1,200,000
Gaskets, Wheel Seals	12	50,000	80,000	12	50,000	80,000
PACCAR Batteries	12	100,000	160,000	12	Unlimited	Unlimited
Rear Axles - Meritor, Dana Spicer	36	300,000	480,000	24	Unlimited	Unlimited
Rear Axles - PACCAR 40k Tandem Axle - Line Haul	60	750,000	1,200,000	NA	NA	NA
Rear Axles - PACCAR 40k Tandem Axle - Regional Haul, Pick-UP Delivery	24	Unlimited	Unlimited	NA	NA	NA
Severe Service	12	50,000	80,000	12	50,000	80,000
Sleeper Paint	12	100,000	160,000	NA	NA	NA
SmartLINQ Components - Modem, Antenna, Related Remote Diagnostic Equipment	24	Unlimited	Unlimited	24	Unlimited	Unlimited
Standard PACCAR MX Engine	24	250,000 mi/ 6,250 hours	400,000 km/ 6,250 hours	NA	NA	NA
Standard Vehicle	12	100,000	160,000	12	Unlimited	Unlimited
Steering Gears - Sheppard, TRW	36	300,000	480,000	24	Unlimited	Unlimited
Structural Components - CAB, Hood, Half Fenders	36	300,000	480,000	24	Unlimited	Unlimited
Structural Components - Sleeper	36	300,000	480,000	NA	NA	NA
Transmissions - Eaton Automated	36	300,000	480,000	24	Unlimited	Unlimited
Transmissions - Manual	36	300,000	480,000	24	Unlimited	Unlimited
Transmissions - PACCAR (TX-12 & TX-18)	60	750,000	1,200,000	NA	NA	NA
Transmissions - PACCAR (TX-8 Without PTO)	NA	NA	NA	48	Unlimited	Unlimited
Transmissions - PACCAR (TX-8 With PTO)	NA	NA	NA	36	Unlimited	Unlimited
Vehicle Major Components	36	300,000	480,000	24	Unlimited	Unlimited
PACCAR Alternator & Starter	36	350,000	560,000	NA	NA	NA
Battery Electric Powertrain System Class 8	12	100,000	160,000	NA	NA	NA
eAxe, Motor/Transmissions/Carrier	36	300,000	480,000	NA	NA	NA
ePowertrain	36	300,000	480,000	NA	NA	NA
eAccessory Systems						
-Air Compressor and Motor						
-Power Steering Hydraulic Pump and Motor						
-HVAC Compressor and Motor						
-HVAC Heater and Pump	36	300,000	480,000	NA	NA	NA
eControls						
-Inverter Charger Unit (ICU)						
-Powertrain Control Module (PCM)						
-Supervisory Control Module (SCM)						
-DC/DC Converter						
-Cooling System Pump, Fans, Hoses, Radiator						
-High Voltage Cables / Wiring Harness						
-Charging Port	36	300,000	480,000	NA	NA	NA
Battery / Energy Storage System (ESS)		500,000				
-Battery Chiller	60	or 80% Charge	800,000	NA	NA	NA
Battery Electric Powertrain System Medium Duty	NA	NA	NA	12	Unlimited	Unlimited
Charging Port, ePTO, Charge Control Unit (CCU)	NA	NA	NA	12	Unlimited	Unlimited
Driver Dash Display (HMI), Master Power Distribution Module (MPDM)	NA	NA	NA	12	2,000 HRS	2,000 HRS
Electro-Hydraulic Assisted Power Steering, Air Compressor						
-Parts & Labor				12	Unlimited	Unlimited
-Parts Only	NA	NA	NA	24	Unlimited	Unlimited
DC/DC Converter (High/Low Voltage)	NA	NA	NA	24	Unlimited	Unlimited
Drive Inverter, Drive Motor, Phase and Resolver Cables, Battery Chiller	NA	NA	NA	36	Unlimited	Unlimited
HVAC Compressor and Cabin Heater, On-Board Charger	NA	NA	NA	36	36,000	36,000
High Voltage Battery Junction Box (S-Box)	NA	NA	NA	72	200,000	200,000
High Voltage Battery / Energy Storage System (ESS)					200,000 or 80% Charge	200,000 or 80% Charge
NA	NA	NA	NA	72		

General Warranty Exclusions

The following components are warranted to you by their respective manufacturer, and are not warranted by Peterbilt Motors Company. Engine and Engine Manufacturer's Accessories, Wheel, Pintle Hooks, Engine Brake (except PAC Brake), Automatic Transmission, Tires, Tubes, Fifth Wheel Hitch, Wheels and Batteries not listed.

Peterbilt does not warrant antifreeze, lubricants, bulbs, fuses, filters, mud flaps, reflectors, winter fronts, wiper nozzles or wiper blades. Trade accessories such as fire extinguishers, chains, emergency kits and tools are not warranted.

Peterbilt is not responsible for storage deterioration, wear, and changes in adjustment resulting in normal service. This includes brake and clutch linings, drive belts, wheel balance and axle alignments or upholstery.

Peterbilt does not warrant metallic chassis (frame) paint. Peterbilt is not responsible for paint chipping or fading, peeling from frame bolts relating to maintenance, or paint peeling from road chemical damage. Additionally, damage caused by any commodity, including but not limited to corrosive chemicals directly hauled by the vehicle, and damage as a result of being driven through specific work environments shall not be considered warrantable.

Damage due to accident, misuse, negligence, improper or inadequate maintenance, or unauthorized modification is not warranted. Failure of replacement parts used to repair above conditions are not warrantable.

Vibrations, squeaks, fitting and hose leaks, unusual noises, rattles, loose nuts/bolts and hose and electrical connections can develop during the early shakedown trips of the vehicle. Up to 25,000 miles/40,000 kilometers, but not later than 90 days after date of delivery, the necessary adjustments will be made without charge. Such developments after this period are usually the result of use and are not warrantable items.

Peterbilt Standard Warranty Coverage And Exclusions

Peterbilt is not responsible for damage resulting from engine horsepower/torque upgrades.



Northern Ohio Pblt - Columbus (O115)
 3815 Zane Trace Rd
 Columbus, Ohio 44147

City Of Columbus
 4211 Groves Rd
 Columbus, Ohio 43232
 United States of America

John Krauss
 Cell Phone: 6142078218
 Office Phone: (614)875-3732
 Email: jkrauss@ohiopeterbilt.com

Deryl Seward
 Email: dlseward@columbus.gov

Vehicle Summary

Unit		Chassis	
Model:	Model 548	Fr Axle Load (lbs):	14800
Type:	Full Truck	Rr Axle Load (lbs):	24020
Description 1:	CNG Pattern Truck	G.V.W.R. (lbs):	38820
Description 2:	RFQ032676	G.C.W. (lbs):	49000
Application		Road Conditions:	
Intended Serv.:	City Delivery	Class A (Highway)	99
Commodity:	Other Commodity	Class B (Hwy/Mtn)	1
		Class C (Off-Hwy)	0
		Class D (Off-Road)	0
Body		Maximum Grade:	
Type:	Flatbed		6
Length (ft):	20	Wheelbase (in):	217
Height (ft):	13.5	Overhang (in):	90
Max Laden Weight (lbs):	1000	Fr Axle to BOC (in):	69.5
Trailer		Cab to Axle (in):	
No. of Trailer Axles:	0	Cab to EOF (in):	147.5
Type:		Overall Comb. Length (in):	237.5
Length (ft):	0		347
Height (ft):	0	Special Req.	
Kingpin Inset (in):	0		
Corner Radius (in):	0		
Restrictions			
Length (ft):	40		
Width (in):	102		
Height (ft):	13.5		

Approved by: _____

Date: _____

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



Std/ Opt	Description	\$ List	Weight
Base Model			
S	Model 548 The Model 548 meets and exceeds the demands of Class 8 specialty application markets that require a rugged workhorse for durability and a wide range of optional content. The Model 548 is available in configurations with a GVW from 33,001 to 66,000 lbs. to suit most vocational applications. The 548 also offers all-wheel-drive. From construction and crane service to utility and delivery services in Class 8 markets, the 548 is in a class of its own.	127,020	10,860
S	Other Commodity	0	0
S	City Delivery Truck or tractor which hauls freight, typically operating within a 100-mile radius, on public streets and highways and other paved surfaces. Typically includes package and freight delivery.	0	0
O	Flatbed	0	0
S	United States Registry Canadian Registry Package Requires Air Conditioning Excise Tax Canada, Speedometer to be KPH ipo MPH, Daytime Running Lights and Rubber Battery Pad in Bottom of Battery Box.	0	0
Configuration			
O	A-1 Alternative Fuel Systems Natural Gas Fuel System Assembler	0	0
Frame & Equipment			
O	10-3/4" Steel Rails To 354" 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	423	522
O	Full Steel Inner Liner	2,087	639
S	Heavy Duty 5-Piece Crossmember BOC IPO Standard Class 5, 6, 7	0	0
S	Aluminum Frame Rail Crossmembers Excludes suspension	0	0
O	217" Wheelbase	0	0
O	3-Piece Suspension Crossmembers	82	0
S	EOF Square without Crossmember End-of-frame square without crossmember. For use with body builder installed crossmember.	0	0
S	Peterbilt Rear Mudflaps and Straight Hangers Mudflaps aid in protecting the frame and undercarriage from road salt, grime and debris that can cause rust and corrosion. Mud flaps also shield other vehicles from gravel, rocks and road spray.	0	0
O	Holland (2) TH-10050 Tow Hooks EOF	100	0

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Std/ Opt	Description	\$ List	Weight
Front Axle & Equipment			
O	PACCAR FX-20 Steer Axle 20,000 lbs. 4" Drop Axle is designed for applications with a gross axle weight rating (GAWR) of 20,000 pounds. Front axle is designed for demanding applications such as construction, heavy haul, refuse, and other vocational uses. Robust forged steel beam construction for long-lasting performance. It utilizes innovative tapered kingpin roller bearings for more efficient operation and improved steering efficiency. The PACCAR Steer Axle comes standard with the PACCAR warranty of 5 years, 750,000 miles.	2,401	174
O	Taper Leaf Springs, Shocks 16,000 lb Standard with Heavy Resistance Shocks.	221	66
O	Power Steering Sheppard HD94 Dual Gear For use with 16,000 to 20,000 lb. axle ratings.	1,160	80
O	Power Steering Reservoir Frame Mounted w/Cooler A power steering cooler helps reduce the heat of the power steering fluid. This is commonly used with systems that may experience more stress from towing or off-road driving.	162	2
S	PHP10 Iron PreSet PLUS Hubs PHP10 iron PreSet PLUS hubs have a fully integrated spindle nut design, an optimized wheel spacer, magnetic fill plug on drive and trailer hubs for inspection of metal particles in lubricant, with a long life oil seal and bearings are pre-adjusted. Use with Front Axle.	0	0
O	Bendix Air Cam Front Drum Brakes 16.5x6 Includes automatic slack adjusters & outboard mounted brake drums.	297	5
O	PACCAR FX Wide Track IPO Standard 71in KPI IPO 69in front axle for improved turning radius.	0	15
S	Gusseted Cam Brackets, Steer Axle	0	0
O	Heavy Duty Cam Bushings, Steer Axle	28	0
Rear Axle & Equipment			
O	Dana Spicer S30-190 30,000 lbs. 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.	3,518	75
S	PHP10 Iron PreSet PLUS Hubs	0	0
O	Rear Brake Camshaft Reinforcement Rear brake camshaft reinforcement helps guard against wear and corrosion.	16	9

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Std/ Opt	Description	\$ List	Weight
O	Wide Track, Single & Tandem Drive Axle(s) Wide track offers added stability. Rear width may exceed 102 inches. Verify operating restrictions and body installation.	922	30
O	Gusseted Cam Brackets, Drive Axle(s)	67	2
S	SBM Valve 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
O	Pneumatic Park Brake	0	0
O	Upsize Parking Brakes	64	0
S	Stability System Not Selected Or Not Available	0	0
S	Anti-Lock Braking System (ABS) 4S4M ABS-6. Includes air braking system.	0	0
S	Tire Pressure Monitoring System	0	0
S	Synthetic Axle Lubricant All Axles 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
S	Bendix Air Cam Rear Drum Brakes 16.5x7 Bendix Air Cam Rear Drum Brakes to fit all heavy haul, construction, refuse and highway truck and tractor applications. Includes Automatic Slack Adjusters & Outboard Mounted Brake Drums.	0	0
O	Heavy Duty Cam Bushings, Drive Axle(s)	85	0
O	Ratio 5.38 Rear Axle	0	0
O	Reyco 79KB Multi Leaf 31,000 lbs.	1,260	0
O	Reyco Helper Springs 3,000 lb For use with Reyco 79KB suspension	288	60

Engine & Equipment

O	L9N 320@2000 GOV@2200 1000@1300 HHDD (2024 Emissions) N21430 N201 0.....Reserve Speed Limit Offset (N21410 N202 0.....Maximum Cycle Distance (N202 N21400 N203 252...Reserve Speed Function Reset N21320 N205 120...Standard Maximum Speed Limit N21420 N206 0.....Maximum Active Distance (N20	29,001	-1,695
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Std/ Opt	Description	\$ List	Weight
	N21470 P062 NO....Cruise Control Auto Resume (
	N21480 P068 NO....Auto Engine Brake in Cruise		
	N21450 P026 NO....Gear Down Protection (P026)		
	N21440 P015 NO....Engine Protection Shutdown (
	N21340 P112 93....Hard Maximum Speed Limit (P1		
	N21350 P001 75....Maximum Accelerator Pedal Ve		
	N21370 P059 75....Maximum Cruise Speed (P059)		
	N21590 P230 YES...Enable Hot Ambient Automatic		
	N21530 P233 YES...Enable Impending Shutdown Wa		
	N21540 P234 60....Timer For Impending Shutdown		
	N21460 P046 1400..Max PTO Speed (P046)		
	N21520 P030 30....Timer Setting (P030)		
	N21570 P031 NO....Idle Shutdown Manual Overrul		
	N21610 P172 40....Low Ambient Temperature Thre		
	N21630 P171 80....High Ambient Temperature Thr		
	N21550 P516 100...Engine Load Threshold (P516)		
	N21510 P520 YES...Enable Idle Shutdown Park Br		
	N21620 P173 60....Intermediate Ambient Tempera		
	N21330 N207 0.....Expiration Distance (N207)		
	N21500 N209 0.....Expiration Distance (N209)		
S	EMUX Electronics Architecture	0	0
O	Engine Idle Shutdown Timer Enabled	0	0
O	Enable EIST Ambient Temp Override	0	0
	Eff EIST NA Expiration Miles	0	0
	Effective VSL Setting NA	0	0
S	Typical Operating Speed 68 MPH	0	0
O	Powertrain Optimized for Performance Best analysis for vehicles used in vocational applications or with heavy GCWRs.	0	0
O	CARB and EPA Engine Idling Not Required	0	0
S	Remote PTO/Throttle, 12-Pin, 250K BOC/BOS J1939, Remote Control Provision	0	0
O	CARB Emission Compliant Engine	0	0
S	PACCAR 160 Amp Alternator, Brushed PACCAR 160 AMP alternator, brushed producing 160 Amps at road speed and 100 Amps at idle.	0	0
O	Immersion Type Block Heater 110-120V Standard location is left-hand under cab, Model 520 is in bumper, and for Model 220 it is at the driver step. Plug 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.	103	2



Std/ Opt	Description	\$ List	Weight
S	PACCAR 12V Starter, N/A PACCAR MX Engines PACCAR 12-volt electrical system. With 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
O	3 PACCAR Premium 12V Starting Batteries 3000 CCA	201	62
O	Low Voltage Disconnect System	0	0
O	MD - Battery Disconnect Switch Mounted on Battery Box	584	9
O	2-Speed Fan Clutch For Frequent Start/Stops A 2-speed fan clutch is ideal for vocational applications where the fan clutch engagement time exceeds 10% of the engine run time. When the fan clutch is disengaged, the fan still rotates at 15-25% of the engine RPM. This fan rotation provides crucial airflow to the engine and draws virtually no horsepower.	200	0
S	18.7 CFM Air Compressor PX-7, PX-9, L9N, and B6.7N Furnished on engine. Teflon lined stainless steel braided compressor discharge line.	0	0
O	Spin-On Fuel/Water Separator for Natural Gas Engines	166	0
S	No Fluid Heat Option for Fuel Filter	0	0
S	No Electric Heat Option for Fuel Filter	0	0
S	High Efficiency Cooling System 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. Chevron Delo Extended Life Coolant (NOAT) extends maintenance intervals reducing 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: 520 1242 sq in, 579 1325 sq in, 535/536/537/548 949.3 sq in, 537/548 VOC 1000.3 sq in, 567 1440 sq in, 589 1604 sq in.	0	0
S	(1) Air Cleaner Engine Mounted	0	0
O	Exhaust Single RH Side of Cab Includes RH/UC Catalyst, L9N or ISX12N. Side-of-cab standpipe with the right-hand under cab catalyst box.	4,502	-365
O	Curved Tip Standpipe(s)	42	1
O	18" Ht, 5" Dia Chrome, Clear Coat Standpipe(s)	151	0
Transmission & Equipment			
O	Allison 3000 RDS-P Transmission, Gen 6 Rugged Duty Series	9,116	459

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Std/ Opt	Description	\$ List	Weight
O	SPL170 HD-XL Driveline, 1 Midship Bearing	505	20
O	PTO F/O Chelsea	0	0
O	Automatic Transmission Oil Cooler Vocational Hood Only	1,068	13
O	Allison FuelSense Not Desired Dynamic Shift Sensing	0	0
O	Allison 6-Speed Configuration, Close Ratio Gears 3000 Series Transmissions.	0	0
O	Dash Mounted Push Button Shifter Available with Allison transmissions	573	3
O	LH Mounted Trans PTO Provisions	42	0
Air & Trailer Equipment			
O	Bendix AD-HF EP Air Dryer, Heater Coalescing filter, extended purge. Bendix AD-HF air filters protects the life of your engine system and components. Proven PuraGuard oil coalescing technology in the the air dryer cartridge. This oil coalescing filter ensures the removal of oil and oil aerosols before they can contaminate the moisture removing desiccant.	242	0
O	Pull Cords All Air Tanks	5	0
S	Nylon Chassis Hose	0	0
S	Steel Painted Air Tanks 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
O	Body Connections 5' BOC Junction box contains light and power circuits for body connections located 5' from back-of-cab	106	4
Tires & Wheels			
O	FF: CN 16ply 295/80R22.5 Conti Hybrid HS3+	952	44
O	RR: CN 16ply 295/75R22.5 HDR2+	778	56
O	Code-rear Tire Qty 04	0	0
O	FF: Accuride 43644SP 22.5X8.25 Aluminum Wheel Standard polish.	481	-52
O	RR: Accuride 43644SP 22.5X8.25 Aluminum Wheel Standard polish.	908	-104

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Std/ Opt	Description	\$ List	Weight
O	Code-rear Rim Qty 04	0	0
Fuel Tanks			
O	No Fuel Tank/Fuel System Provided, CNG Only	0	0
O	CNG / LNG Frame Rail Mounted Tank Only	0	0
O	CNG Fuel System Compressed Natural Gas Fuel System.	0	0
O	Methane Detection System	2,000	3
Battery Box & Bumper			
S	MD Battery Box, Non-Slip Step LH Under Cab	0	0
S	Plastic Battery Box Cover	0	0
S	Aftertreatment Aluminum Non-Slip Cab Entry Aftertreatment right-hand under cab step. DPF/SCR for diesel engines, catalyst for natural gas engines. On Models 579 specifying chassis fairings, the box is aerodynamic.	0	0
O	Steel Bumper Tapered Painted Two tow points, painted same color as frame. ***Warning*** Due to a new legal regulations, all New Medium Duty trucks require headlights to be located in the bumper when the chassis height is GREATER than the following chassis height: Measurement to bottom of frame at front of frame: for the 107 Aero Hood 32.6, for the 109 Aero Hood 31.4, for the 109 Vocational Hood 26.7. Work with applications if your chassis height is unacceptable.	930	40
Cab & Equipment			
O	109" Fepto Hood w/Stationary Grille, 3pc Metton	5,653	15
S	Sears Driver Seat	0	0
S	Sears Passenger Seat	0	0
O	Drivers Armrest - RH Only	36	2
O	Passenger Armrest - LH only Required with Evolution LX seats, optional with Evolution ST Seats.	36	2
O	Seat Belt Color Orange IPO Standard Black	10	0
S	Air Ride Driver	0	0
S	Mid Back Driver	0	0
S	Vinyl Driver	0	0

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Std/ Opt	Description	\$ List	Weight
O	Air Ride Passenger	127	0
S	Mid Back Passenger	0	0
S	Vinyl Passenger	0	0
S	Adjustable Steering Column - Tilt/Telescope	0	0
S	Steering Wheel With Peterbilt Logo Steering Wheel with embossed Peterbilt logo over horn button.	0	0
S	Probilt Interior Charcoal Gray - Flat Roof	0	0
O	Exterior Cab Entry Grabhandle Textured; NFPA compliant. Available on Day Cab specifications only.	197	0
O	Dark Window Tint IPO Standard Tint - Day Cab	22	0
S	Day Cab Rear Window Day cab rear window flush to back of cab.	0	0
S	1-Piece Glass Rear Cab Window Fixed	0	0
S	1-Piece Curved Windshield	0	0
S	Power Door Locks and Power Window Lifts Standard	0	0
S	Combo Fresh Air Heater/Air Conditioner With radiator mounted condenser, dedicated side window defrosters, Bi-Level Heater/Defroster Controls, 54,500 BTU/HR, and silicone heater hoses.	0	0
S	Aero Rear View Mirror Housing, Molded Black	0	0
S	Look Down Mirror Over Passenger Door with Black Housing	0	0
S	Peterbilt Aero Rear View Mirror, Non-Motorized Includes top mirror with non-motorized, adjustable dual axis non-heated glass. Bottom mirror is an integrated convex surface. Includes black textured arms with breakaway feature.	0	0
O	LH/RH Rect Convex Hood Mirror Black Housing Bright finish arm and base; Rearward View.	259	10
S	Air Horn Mounted Under Cab	0	0
O	7" Infotainment Display Incl Apple Carplay	1,635	7
O	Standard Speaker Package For Cab (2) Speakers	54	4
O	Radio Mute When In Reverse For automatic or automated transmission	0	0
S	Global Telematics Hardware	0	0

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Std/ Opt	Description	\$ List	Weight
S	Peterbilt Electric Windshield Wipers With Intermittent Feature.	0	0
O	Cab Air Suspension	178	15
O	Triangle Reflector Kit, Ship Loose Florescent triangle emergency road flares are designed to meet and exceed all DOT standards.	33	13
O	Fire Extinguisher, Mounted Outboard Driver Seat Hazmat approval UL listed/rated ABC	66	9
O	Backup Alarm (87-112 DB) Variable adjusting	60	6
O	Transmission Oil Temperature (Main) Located in Digital Cluster Display.	36	0
S	Air Restriction Indicator Mounted on air cleaner, intake piping, or firewall	0	0
O	Dual Scale Speedometer MPH Over KPH	0	0
O	Main Instrument Panel (Nat Gas) Digital Cluster 7" Display includes: Physical (Analog) - Speedometer, Tachometer, Oil Pressure, Coolant Temp and Display Gauges - Fuel Level, Volts Telltale, OAT and Primary Air Pressure, Secondary Air Pressure for air brake trucks.	225	0
S	Headlights Composite Fender Mounted Integral DRL/Park, Turn, and Side Marker	0	0
S	(5) Marker Lights, Aero LED Standard Black Housing. Chrome Housing available with Sun Visor.	0	0
S	Self-Canceling Turn Signal	0	0
O	Daytime Running Lights, Mounted In Bumper Driven by chassis height	358	0
S	LED Stop/Turn/Tail/Backup Bracket mounted left-hand / right-hand end of frame	0	0
S	Moveable EOF Crossmember For Mounting Tail Lights Square end of frame with or without end of frame crossmember	0	0
Paint			
S	(1) Color Axalta Two Stage - Cab/Hood Base Coat/Clear Coat N85020 A - 5248EY COMMERCIAL YELLOW N85700 BUMPER L0001EA BLACK N85500 CAB ROOF 5248EY COMMERCIAL YELLOW N85300 FENDER 5248EY COMMERCIAL YELLOW N85200 FRAME L0001EA BLACK N85400 HOOD TOP 5248EY COMMERCIAL YELLOW	0	0

Shipping Destination

Options Not Subject To Discount

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<i>Std/ Opt</i>	<i>Description</i>	<i>\$ List</i>	<i>Weight</i>
S	Peterbilt Class 7 Standard Coverage 1 year/Unlimited Miles/km	0	0
S	PACCAR PX-9 Standard Coverage 2 yrs/250,000 mi (402,336 km)/6,250 hrs	0	0
O	SmartLINQ RD - 5YR Sub Cummins Engines	799	0
O	Base Warr: Emissions 5YR/100K MI	0	0
Miscellaneous			
O	109" Stationary Grille Hood (MODEL 548)	0	0
O	State Of Registry: Ohio	0	0
O	Model Year 2026 Engine	0	0
O	2024 Series Emissions Engine	0	0

Promotions

Special Requirements

- Special Requirement 1 0098170
- Special Requirement 2
- Special Requirement 3
- Special Requirement 4

Fuel Efficiency Score:

Order Comments



Total List Price (W/O Freight & Warranty & Surcharges)	\$201,842
Marketing and Service Support Fee	\$1,725
Prepaid Freight	\$3,725
Total Surcharge/Options Not Subject To Discount	\$799
Total Weight (lbs)	11,122

Any price increase as the result of force majeure, rising costs of components (including but not limited to material shortages) or government tariffs are not included in the quoted price and will be the financial responsibility of the customer.

Prices and Specifications Subject to Change Without Notice.

Unpublished options may require review/approval.

Dimensional and performance data for unpublished options may vary from that displayed in CRM.

PRICING DISCLAIMER

While we make every effort to maintain the web site to preserve pricing accuracy, prices are subject to change without notice. Although the information in this price list is presented in good faith and believed to be correct at the time of printing, we make no representations or warranties as to the completeness or accuracy of this information. We reserve the right to change, delete or otherwise modify the pricing information which is represented herein without any prior notice. We carefully check pricing specifications, but occasionally errors can occur, therefore we reserve the right to change such prices without notice. We disclaim all liability for any errors or omissions in the materials. In no event will we be responsible for any damages of any nature whatsoever from the reliance upon information from these materials. Please check your order prebills to confirm your pricing information

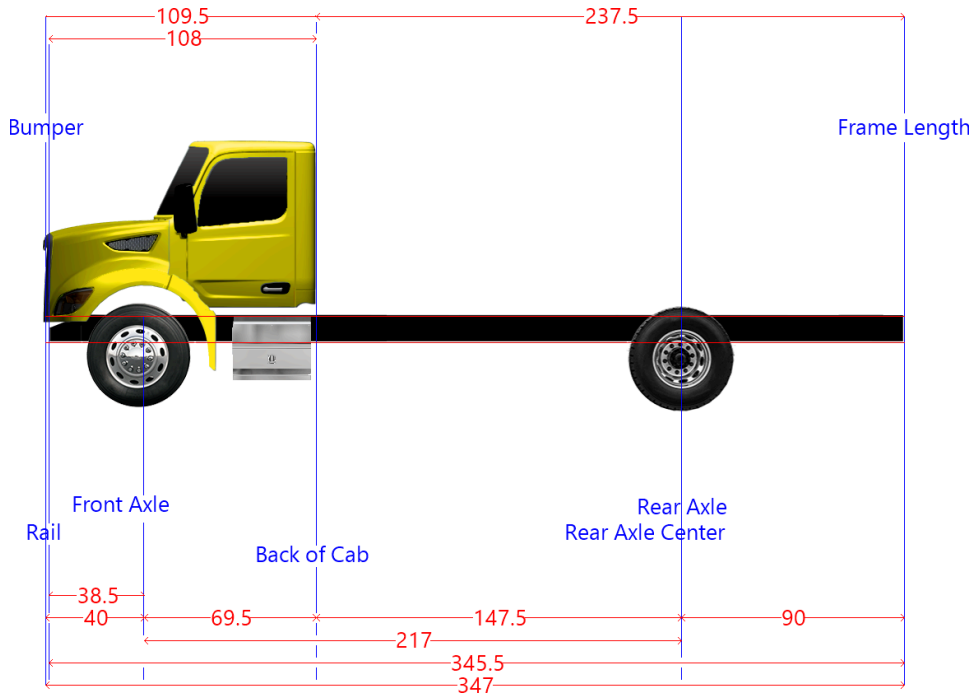


Shipping Destinations

Intermediate Destination: NONE

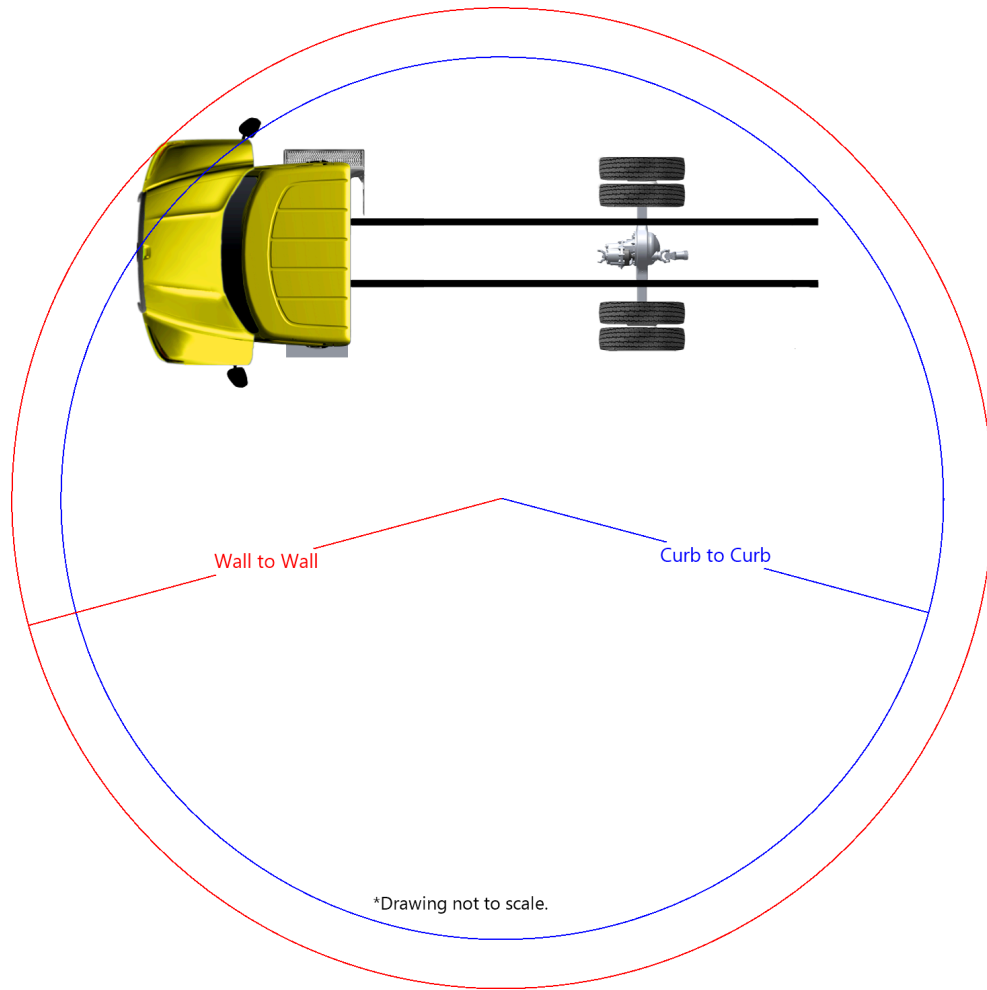
Final Destinations	Quantity
A1 Alternative Fuels 3608 Cooper Dr Elkhart, Indiana 46514	1

HORIZONTAL DIMENSIONS



Dimension	Measurement	Start	End
Axle Spacing	0	217	217
Bumper to Back of Cab	109.5	-40	69.5
Bumper to Front Axle	40	-40	0
Bumper to Front Frame	1.5	-40	-38.5
Cab to End of Frame	237.5	69.5	307
Cab to Rear Axle	147.5	69.5	217
Effective Bumper to Back Of Cab	109.5	-40	69.5
Frame Length	345.5	-38.5	307
Front Axle to Back of Cab	69.5	0	69.5
Front of Frame to Axle	38.5	-38.5	0
Load Space	237.5	69.5	307
Overall Length	347	-40	307
Overhang	90	217	307
Pusher Offset #1	0	217	217
Pusher Offset #2	0	217	217
Pusher Offset #3	0	217	217
Tag Offset	0	217	217
Wheelbase	217	0	217

TURNING RADIUS



LEFT TURN RADIUS		RIGHT TURN RADIUS	
Curb to Curb	58.3	Curb to Curb	58.5
Wall to Wall	50.6'	Wall to Wall	50.7

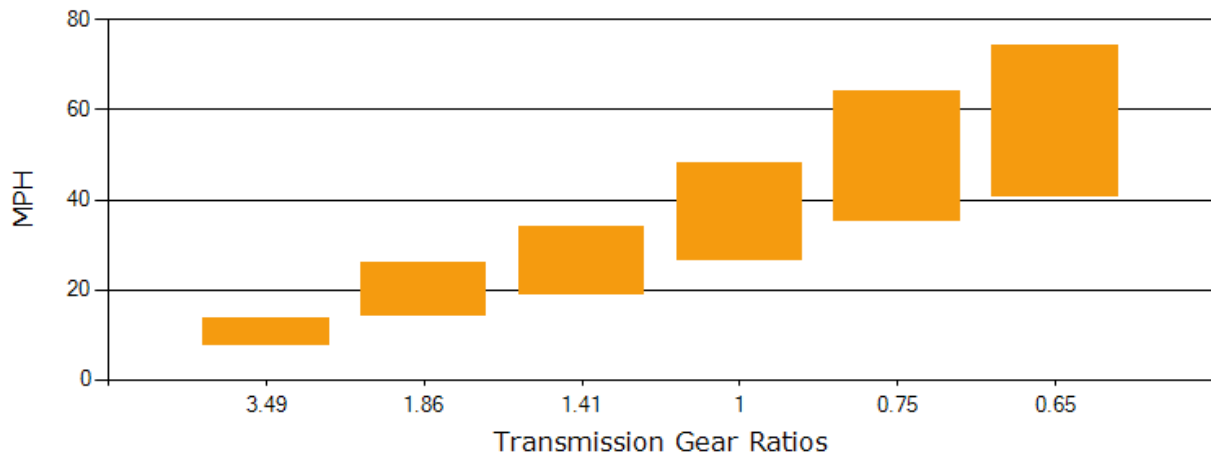
Note: Final Turning Radius Calculations Subject to Change

VEHICLE SUMMARY

Truck	Model 548 / Full Truck	Wheelbase	217
Axle	PACCAR FX-20 Steer Axle 20,000 lbs. 4" Drop	Weight	11122
Tire	FF: CN 16ply 295/80R22.5 Conti Hybrid HS3+		
Wheel	FF: Accuride 43644SP 22.5X8.25 Aluminum Wheel		

Geared Speed Report (Engine Fan Off)

Configuration:	Model 548 / Full Truck GCW: 38820
Quote/DTPO/CO:	QUO-1257370-N8W8J2
Engine:	2056321 L9N 320@2000 GOV@2200 1000@1300 HHDD
Transmission:	4052920 Allison 3000 RDS-P Transmission, Gen 6
Rear Axle:	1513220 Dana Spicer S30-190 30,000 lbs.
Rear Tire:	5104250 RR: CN 16ply 295/75R22.5 HDR2+ : 509
Operating Conditions:	0% Rolling Resistance





QUOTATION

102 Oscar Way
Chester Springs, PA 19425

610-458-4334 (office)
www.jtechusa.com

Bill To:

OHIO PETERBILT
6240 ENTERPRISE PKWY
GROVE CITY, OH 43123

ATTN: JOHN KRAUSS

SHIP TO:

OHIO PETERBILT
6240 ENTERPRISE PKWY
GROVE CITY, OH 43123

ATTN: JOHN KRAUSS

Phone:

Email:

Quote No.	Date	Cust No	Rep	Your Referenced Inquiry	Completion Date	F.O.B.	Terms	
0035188	5/6/2026	13204	JK	Pattern Truck				
Quantity	Description						Price	Extension
1	<p>20' Pattern</p> <p>***Customer-Supplied chassis description - '27 Peterbilt CNG chassis, VIN TBD, CA TBD, CEOF TBD, GVWR TBD, Unit #TBD</p> <p>***Chassis must have 172" from the back of the CNG unit to the center of the rear axle and 240" to the end of the frame</p> <p>J-Tech Custom 20' Pattern Body with Safety Pods</p> <p>J-Tech Body</p> <ul style="list-style-type: none"> - 20' stakebody (SJ quote #26-8686) - Heavy-duty steel bulkhead with viewing window - 38" powder coated black stakesides - 36" safety pods on both sides of body with flip-up covers and safety bars - Full LED DOT light package - Non-skid deck coating - Two posts in rear corners of body (one per corner) - Reflective tape on rub rail sections - Backup alarm <p>Arrow Board Package</p> <ul style="list-style-type: none"> - 25-lamp arrow board - 90 degree power tilt - Mounted to bulkhead - Wired to chassis electrical system (non-solar) - High efficiency LED lights - In-cab controller <p>Warning Light Package</p> <ul style="list-style-type: none"> - Two amber beacons mounted on bulkhead - Two rear-facing amber LED warning lights mounted at rear of body - Wired to in-cab switch <p>Work Light Package</p> <ul style="list-style-type: none"> - Two LED work lights mounted on bulkhead aimed into bed - Two LED work lights mounted on rear posts (one per post) aimed into bed - Two LED work lights mounted under front corner of body (one per corner) aimed at ground - Two LED work lights mounted between safety pods and rear axle (one per pod) aimed at ground - Wired to in-cab switch <p>Backup Camera Package with Infrared Camera</p>							



QUOTATION

102 Oscar Way
Chester Springs, PA 19425

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www.jtechusa.com

Bill To:

OHIO PETERBILT
6240 ENTERPRISE PKWY
GROVE CITY, OH 43123

ATTN: JOHN KRAUSS

SHIP TO:

OHIO PETERBILT
6240 ENTERPRISE PKWY
GROVE CITY, OH 43123

ATTN: JOHN KRAUSS

Phone:

Email:

Quote No.	Date	Cust No	Rep	Your Referenced Inquiry	Completion Date	F.O.B.	Terms
0035188	5/6/2026	13204	JK	Pattern Truck			
Quantity	Description				Price	Extension	
1	<ul style="list-style-type: none"> - One camera mounted to back of truck - Monitor mounted in cab <p>Tow Package</p> <ul style="list-style-type: none"> - Heavy duty tow plate - 2" ball/pintle combo - Electric brake controller - ICC Bar <p>BackChat</p> <ul style="list-style-type: none"> - Mounted on bulkhead (final location determined by installer) - Allows bed occupants to communicate with driver in cab <p>Toolbox</p> <ul style="list-style-type: none"> - One 48"w x 24"h x 24"d toolbox - Mounted under body on curbside (final location determined by installer) - Locking handles 						
1	<p>Temporary Transit Tag Fee</p> <ul style="list-style-type: none"> - Sixty day duration 						
1	<p>Deliver to Customer's Location</p>						



QUOTATION

102 Oscar Way
Chester Springs, PA 19425

610-458-4334 (office)
www.jtechusa.com

Bill To:

OHIO PETERBILT
6240 ENTERPRISE PKWY
GROVE CITY, OH 43123

ATTN: JOHN KRAUSS

SHIP TO:

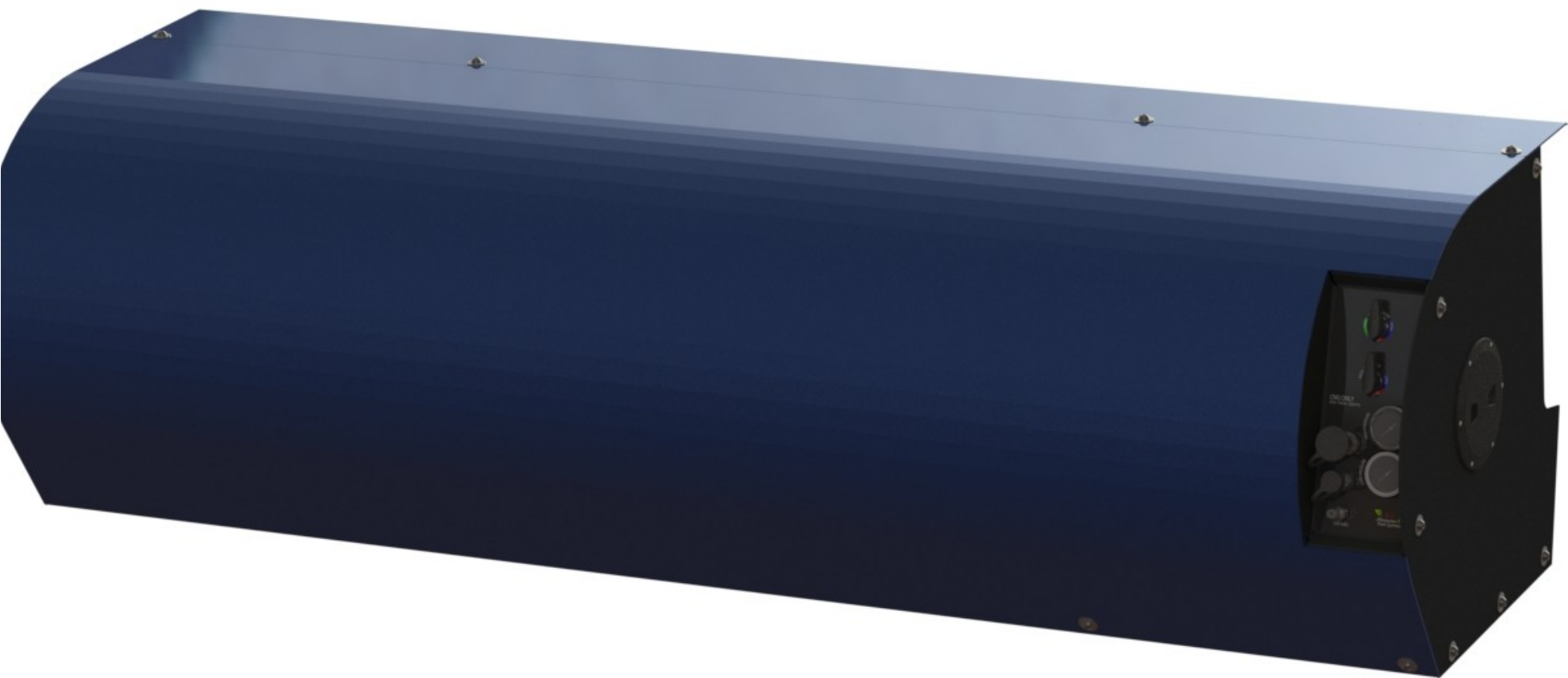
OHIO PETERBILT
6240 ENTERPRISE PKWY
GROVE CITY, OH 43123

ATTN: JOHN KRAUSS

Phone:

Email:

Quote No.	Date	Cust No	Rep	Your Referenced Inquiry	Completion Date	F.O.B.	Terms
0035188	5/6/2026	13204	JK	Pattern Truck			
Quantity	Description					Price	Extension
	<p>- All lead times are current as of the quote date but are subject to change. Please contact your account manager for the current lead time as of the date of your purchase order.</p> <p>- Prices are FOB J-Tech, Chester Springs, PA unless otherwise noted. Please contact your account manager for additional delivery options.</p> <p>- Price does not include applicable transfer taxes, tags, and fees required when registering the vehicle. Please contact your local tag and title agency for a list of fees that will be charged when registering the vehicle. J-Tech offers limited tag and title services for an additional fee upon request. Please consult your account manager for additional information.</p> <p>- The pricing on this quotation is a good faith estimate. Due to extreme volatility in the availability and cost of raw materials, J-Tech reserves the right to pass along excessive material increases to the customer.</p>						



Pursuant to the authority vested in the California Air Resources Board by Health and Safety Code Division 26, Part 5, Chapter 2; and pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-19-095;

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

Model Year	Engine Family	Combustion Cycle	Fuel Operation	Fuel Type(s)	Intended Vehicle Service Class	Intended GHG Vehicle Type
2024	RCEXH0540LDA	Diesel	Dedicated	Natural Gas (CNG/LNG)	Medium Heavy-Duty	Vocational and Tractor

Emission Control Systems (ECS)	Special Features
[1]: Throttle Body Injection (TDI), Turbocharger (TC), Charged Air Cooler (CAC), Cooled Exhaust Gas Recirculation (EGR-C), Three-Way Catalyst (TWC), Electronic Control Module (ECM), Heated Oxygen Sensor (HO2S(2))	None

The certified engine models are attached.

The listed engine models comply with the following: 1) emission standard limits (STD) as demonstrated on the Federal Test Procedure (FTP) and Supplemental Emission Test (SET) test cycles, and on the Low-Load Cycle (LLC) test cycle, as applicable, and 2) Conformity Factors (CF) as demonstrated using the Three-Bin Moving Average Window (3B-MAW) method, as applicable, for exhaust criteria pollutants non-methane hydrocarbons (NMHC), nitrogen oxides (NOx), carbon monoxide (CO), and particulate matter (PM), and exhaust greenhouse gas (GHG) pollutants carbon dioxide (CO2) for vocational (VOCV) and tractor (TRAC) vehicles, methane (CH4), and nitrous oxide (N2O) as set forth in 13 CCR 1956.8 and the applicable California test procedures for heavy-duty diesel cycle engines, and 3) family emission limits (FEL) and family certification levels (FCL) declared by the manufacturer as allowed by the applicable California test procedures, stated in units of gram per brake horsepower-hour (g/bhp-hr), except as noted, or designated as not applicable (*).

Applicable Standard		Criteria				GHG			
		NMHC	NOx	CO	PM	CO2 VOCV	CO2 TRAC	CH4	N2O
Heavy-Duty Diesel Cycle Medium Heavy-Duty Vocational and Tractor	STD	0.14	0.050	15.5	0.005	538	461	0.10	0.10
	LLC	0.14	0.200	15.5	0.005	*	*	*	*
	FEL	*	*	*	*	500	440	0.65	0.10
	3B-MAW CF	2.0	2.0	2.0	2.0	*	*	*	*

BE IT FURTHER RESOLVED: Any declared FEL or FCL is the emission limit to which all engines must comply in lieu of the standard limit for certification purposes, subject to the restrictions of averaging, banking, or trading (ABT) programs allowed by the applicable California test procedures.

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

BE IT FURTHER RESOLVED: The listed engine models are certified in accordance with 13 CCR Section 1971.1(k) (deficiency and fines provisions for certification of heavy-duty on-board diagnostic (HD OBD) systems with identified deficiencies) and Health and Safety Code Section 43154.

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

Executed on this 28th day of July 2023.



Robin U. Lang, Chief
 Emissions Certification and Compliance Division

ATTACHMENT: ENGINE MODELS

Family: RCEXH0540LDA EO Number: A-021-0777 Date Applicable: 7/10/2023

Model	Code	Trim	Config	Displacement L	Peak Power			Peak Torque			ECS Num	GHG	Notes
					Power hp	Speed rpm	Fueling kg/hr	Torque lb-ft	Speed rpm	Fueling kg/hr			
L9N 320	LM1	-	16	8.9	320	2000	52.6	1000	1300	37.2	1	Vocational	
L9N 300	LM2	-	16	8.9	300	2100	50.8	860	1300	33.9	1	Vocational	
L9N 280	LM3	-	16	8.9	280	2200	48.1	900	1300	35.5	1	Vocational	
L9N 260	LM4	-	16	8.9	260	2200	46.1	660	1300	25.4	1	Vocational	
L9N 250	LM5	-	16	8.9	250	2000	44.3	730	1300	27.8	1	Vocational	
L9N 320	LM1	-	16	8.9	320	2000	52.6	1000	1300	37.2	1	Tractor	
L9N 300	LM2	-	16	8.9	300	2100	50.8	860	1300	33.9	1	Tractor	
L9N 280	LM3	-	16	8.9	280	2200	48.1	900	1300	35.5	1	Tractor	
L9N 260	LM4	-	16	8.9	260	2200	46.1	660	1300	25.4	1	Tractor	
L9N 250	LM5	-	16	8.9	250	2000	44.3	730	1300	27.8	1	Tractor	