



**BOARD OF SUPERVISORS AGENDA ITEM REPORT  
CONTRACTS / AWARDS / GRANTS**

Requested Board Meeting Date: 1/5/16

or Procurement Director Award

**Contractor/Vendor Name (DBA):** Freightliner of Arizona (Headquarters: Tolleson, AZ)

**Project Title/Description:**

Two (2) New Patch Trucks

**Purpose:**

Award of Contract: Purchase Order No. PO-FS-16-72. Contract is a one time award in the amount of \$338,670.00.  
Administering Department: Fleet Services.

**Procurement Method:**

Pursuant to Pima County Procurement Code 11.12.010, Competitive Sealed Bidding, Solicitation No. 198201 was conducted to satisfy RQS 16-78. Three (3) responses were received of which none were classified as Small Business Enterprise. Award is to low bidder.

Attached Documents: Notice of Recommendation for Award and Offer Agreement.

**Program Goals/Predicted Outcomes:**

Transportation currently has five (5) patch trucks. The award of these trucks will allow the replacement of two (2) older patch trucks. Patch trucks are utilized when staff repairs potholes. The new equipment will allow staff to be more efficient and complete pothole repairs in a timely manner.

**Public Benefit:**

Potholes will be repaired in a more efficient and timely manner.

**Metrics Available to Measure Performance:**

Transportation has tracking ability for pothole repairs.

**Retroactive:**

No.

11/10/15 10:26:05 AM  
PROC-15-00007-PC CLK (FBI) BK

Procure Dept 12/18/15 PM 04:07

To: COB- 12-21-15 (1)

**Original Information**

Document Type: PO Department Code: FS Contract Number (i.e., 15-123): 16-72  
Effective Date: 1/5/16 Termination Date: N/A Prior Contract Number (Synergen/CMS): \_\_\_\_\_  
 Expense Amount: \$ 338,670.00  Revenue Amount: \$ \_\_\_\_\_  
Funding Source(s): Transportation Operations

Cost to Pima County General Fund: \$0.00

Contract is fully or partially funded with Federal Funds?  Yes  No  Not Applicable to Grant Awards  
Were insurance or indemnity clauses modified?  Yes  No  Not Applicable to Grant Awards  
Vendor is using a Social Security Number?  Yes  No  Not Applicable to Grant Awards

If Yes, attach the required form per Administrative Procedure 22-73.

**Amendment Information**

Document Type: \_\_\_\_\_ Department Code: \_\_\_\_\_ Contract Number (i.e., 15-123): \_\_\_\_\_  
Amendment No.: \_\_\_\_\_ AMS Version No.: \_\_\_\_\_  
Effective Date: \_\_\_\_\_ New Termination Date: \_\_\_\_\_  
 Expense  Revenue  Increase  Decrease Amount This Amendment: \$ \_\_\_\_\_  
Funding Source(s): \_\_\_\_\_

Cost to Pima County General Fund: \_\_\_\_\_

Contact: Nancy Page NP 12/15/15 12/15/15  
Department: Procurement Mary Jo 12/15/15 Telephone: 724-3563  
Department Director Signature/Date: [Signature] 12/16/15  
Deputy County Administrator Signature/Date: [Signature] 12-18-15  
County Administrator Signature/Date: [Signature] 12/18/15  
(Required for Board Agenda/Addendum Items)

**NOTICE OF RECOMMENDATION FOR AWARD**

December 8, 2015

The Procurement Department hereby issues formal notice to respondents to Solicitation #198201 for Two (2) New Patch Trucks that the following listed respondent will be recommended for award as indicated below. The award action is scheduled to be performed by the Board of Supervisors on or after January 5, 2016.

Award is recommended to the Respondent submitting the Low Bid.

<b><u>AWARDEE NAME</u></b>	<b><u>BID AMOUNT</u></b>	<b><u>AWARD AMOUNT</u></b>
Freightliner of Arizona	\$338,670.00 (\$169,335.00 each)	\$338,670.00

<b><u>OTHER RESPONDENT NAMES</u></b>	<b><u>BID AMOUNT</u></b>
RWC Group	\$341,304.00
Arizona Truck Center DBA Vanguard Truck Center of Tucson	\$359,990.00

Issued by: Nancy Page, Commodity/Contracts Officer  
Telephone Number: 724-3563

This notice is in compliance with Pima County Procurement Code §11.20.010(C).

Electronic Copy to: [Hyewon.shin@pima.gov](mailto:Hyewon.shin@pima.gov) - Pima County SBE Division

12/7/15  
MS

**OFFER AGREEMENT**

**1. INTENT:**

This document is intended to establish a discrete Purchase Order contract to provide Pima County ("County") with Two (2) New Patch Trucks, as described herein, pursuant to a resulting executed and effective contract. It is County's intention to award to the low bidder meeting terms, conditions, and specifications herein. As defined by the attached Pima County Standard Terms and Conditions (STC) this contract is non-exclusive and may be terminated for any reason without penalty or cost to County.

All Goods and Services offered or provided pursuant to the resulting executed and effective agreement shall conform to the requirements defined by or referred to by the solicitation documents including *Solicitation addenda, Instructions to Bidders, Standard Terms and Conditions, this Offer Agreement, Attachment A – Detailed Specifications, Attachment B – Specification Check-List, Attachment C – Certification of Stocking, Supplying of Parts and Service Program, and Attachment D – Pricing Page*, all of which are incorporated herein..

This document, including all attachments and documents incorporated by reference, constitutes the entire contract between the parties pertaining to the subject matter hereof, and all prior or contemporaneous agreements and understandings, oral or written, are hereby superseded and merged herein. This Contract may be modified, amended, altered or extended only by a written amendment signed by the parties.

**2. CONTRACT TERM:**

The initial term of the agreement will be reflected by the discreet (one-time) purchase order(s).

**3. CONTRACTOR MINIMUM QUALIFICATIONS:**

The Contractor certifies that it is competent, willing and responsible for performing the services or providing the products in accordance with all requirements of the solicitation and this contract. See Attachment A for additional information.

**4. PRODUCT OR SERVICE SPECIFICATIONS & SCOPE:**

Brand names and manufacturers' numbers are for reference only. The items listed are the minimum specifications for this offer. If submitting an alternate product, a published specification sheet for each product must be submitted with the completed response. Pima County will have final determination on approved equals. See Attachments A & B for additional information.

**5. OFFER ACCEPTANCE AND ORDER RELEASES:**

County will accept offers and execute contracts by issue of a Purchase Order to be effective on the document's date of issue without further action by either party.

Contractor must not supply materials or services pursuant to the contract that are not documented or authorized by a Purchase Order (PO) at the time of provision.

Contractor will establish, monitor, and manage an effective contract administration process that assures compliance with all requirements of this contract. In particular, Contractor will not provide goods or services in excess of the executed contract items, item quantity, item amount, or contract amount without prior written authorization by contract revision properly executed and issued by County. Any items provided in excess of that stated in the contract are at Contractor's own risk. Contractor will decline verbal requests to deliver items in excess of the contract and will report all such requests in writing to the COUNTY Procurement Department within one (1) workday of the request. The report must include the name of the requesting individual and the nature of the request.

**6. ACCEPTANCE OF GOODS AND SERVICES:**

The County Department designated on the issued Order will accept goods and services only in accordance with this contract. Such acceptance is required prior to commencement of Payment terms.

**7. COMPENSATION & PAYMENT:**

All pricing will conform to Pima County's Living Wage ordinance if applicable, including required annual adjustments of the wage.

Contractor will submit Request(s) for Payment or Invoices to the location and entity defined by County's Order document.

All Invoice documents will reference the County's Purchase Order (PO) number under which the services or products were ordered.

OFFER AGREEMENT

ALL Invoice line items will utilize the item description, precise unit price and unit of measure defined by the County's Order or Contract document. Invoices that include line items or unit prices that do not match those documented by the County's order or contract may be returned to Contractor unprocessed for correction. Contractor will not accept orders, or provide services or products that cumulatively exceed the contract amount.

Standard payment terms are net thirty (30) days from the date of valid invoice document and do not commence until the later of receipt of goods into payment system by the receiving Department and Contractor's Invoice is received and verified by County Financial Operations.

**OPTIONAL EARLY PAYMENT DISCOUNT TERM:** Pima County Administrative Procedure No. 22-35 section 2.2.4 defines County's practice regarding discounts for early payment. Contractor offers the following discounts to those prices to be used for all orders issued pursuant to this contract. County will utilize the existing payment code that best matches that offered and does not exceed the offered discount percentage. Payment days cannot be less than ten (10) calendar days. Contractor shall submit valid invoice document consistent with the associated Purchase Order (PO) to County Finance Department at least seven (7) calendar days prior to the date on which the discounted payment is due. If desired, for any order issued pursuant with this contract, Contractor may offer early payment discounts that exceed this Standard Early Payment Discount.

Standard Early Payment Discount Percent: 0 % if payment tendered within 30 Days as above

The Purchase Order (PO) issued to accept Contractor's offer will define the not to exceed amount of the contract.

The parties may negotiate and establish unit pricing in writing under the contract for items included in the scope of the contract for which unit pricing has not been previously defined.

Unless the parties otherwise agree in writing, all pricing will be *F.O.B. Destination & Freight Prepaid Not Billed ("F.O.B. Destination")*, delivered to and unloaded at the destination(s) defined by the delivery article of this contract or accepted Order for services or products and all freight costs must be included in the offered Unit Price.

Although State and City sales tax may not be fully or accurately defined on an order, they will be paid when they are DIRECTLY applicable to Pima County and invoiced as a separate line item. Such taxes should not be included in the item unit price.

Price Warranty. Seller shall give Pima County benefit of any price reduction before actual time of shipment. Sellers agree that all pricing given includes all costs required to conduct aggressive and active cost control and reduction activities.

Price Escalation. It is the intention of both parties that pricing shall remain firm.

Unit prices offered must include all incidentals and associated costs required to comply with and satisfy all requirements referred to or included in this solicitation, which includes the *Instructions to Bidders, Standard Terms and Conditions* and Offer Agreement. No payments will be made for items not included in the contract.

Contractor will provide detailed documentation in support of payment requests which will document, be consistent with and not exceed COUNTY's order. Contractor will bill COUNTY within one (1) month after the date on which Contractor's right to payment accrues ("Payment Accrual Date"), which, unless this contract specifically provides otherwise, is the date goods are delivered, services are performed, or costs are incurred. Invoices must assign each amount billed to an appropriate line item of COUNTY's order and document each Payment Accrual Date. COUNTY may refuse to pay any amount billed in an untimely manner or which is not conforming to COUNTY's order. County will refuse to pay any amount billed more than six (6) months after the Payment Accrual Date, pursuant to A.R.S. § 11-622(C).

**8. DELIVERY:**

As defined by the Standard Terms "On-Time" delivery is an essential part of the consideration to be given to the COUNTY under the agreement. Delivery will be made in accordance with the Instructions to Bidders, Standard Terms and Conditions and to the location(s) referenced on the Purchase Order.

Delivery shall be to: Pima County Fleet Services, 1291 S. Mission Road, Tucson, AZ. 85713. Attn: Bob Charlton, Fleet Maintenance Manager. Please contact Bob @ 520-724-2614 at least forty-eight (48) hours in advance of delivery. All deliveries shall be made Monday through Friday from 8:00 A.M. to 3:00 P.M.

**OFFER AGREEMENT**

Successful contractor shall retain title and control of equipment until it is delivered to Pima County, inspected and accepted – F.O.B Destination. The County will notify the successful contractor promptly of any damaged equipment and vendor shall make arrangements to repair/replace damaged equipment. See Attachment A for additional information.

If required to satisfy the guaranteed delivery interval Contractor will utilize premium freight method at no additional cost to County.

**9. TAXES, FEES, EXPENSES:**

Articles sold to COUNTY are exempt from federal excise taxes. COUNTY is subject to State and City sales tax. COUNTY will pay no separate charges for delivery, drayage, express, parcel post, packing, insurance, license fees, permits, costs of bonds, surcharges, or bid preparation unless expressly included in the contract and itemized by the solicitation documents.

**10. OTHER DOCUMENTS:**

Contractor and COUNTY in entering into this contract have relied upon information provided or referenced by Pima County Solicitation No. 198201 including the Invitation For Bids, Instructions to Bidders, Standard Terms and Conditions, Solicitation Addenda, Contractor's Bid Offer, documents submitted by Contractor or References to satisfy Minimum Qualifications and on other information and documents submitted by Contractor's response to County's Solicitation. These documents are hereby incorporated into and made a part of this Contract as if set forth in full herein, to the extent not inconsistent with the provisions of this contract.

**11. INSURANCE:**

The CONTRACTOR'S insurance shall be primary insurance and non-contributory with respect to all other available sources. Contractor shall obtain and maintain at its own expense, during the entire term of this Contract the following type(s) and amounts of insurance:

- a) Commercial General Liability in the amount of \$1,000,000.00 combined single limit Bodily Injury and Property Damage. COUNTY is to be named as an additional insured for all operations performed within the scope of the Contract between COUNTY and CONTRACTOR;
- b) Commercial or Business automobile liability coverage for owned, non-owned and hired vehicles used in the performance of this Contract with limits in the amount of \$1,000,000.00 combined single limit or \$1,000,000.00 Bodily Injury, \$1,000,000.00 Property Damage;
- c) If this Contract involves professional services, professional liability insurance in the amount of \$1,000,000.00; and,
- d) If required by law, workers' compensation coverage including employees' liability coverage.

Contractor will provide COUNTY with current executed certificates of insurance within two weeks from when the Notice of Award is issued by County. All certificates of insurance will guarantee the provision of thirty (30) days' prior written notice to COUNTY of cancellation, non-renewal or material change.

**12. ACKNOWLEDGEMENT OF SOLICITATION ADDENDA:**

Contractor acknowledges that the following solicitation addenda have been incorporated in its offer and this contract:

Addendum #	Date	Addendum #	Date	Addendum #	Date
1	11/24/15				

**13. SMALL BUSINESS ENTERPRISE (SBE) CERTIFICATION:**

Is your firm SBE certified as defined by the solicitation's 'Instruction To Bidders'? Yes  No  (Select one)  
 If 'Yes', have you included your certification document? Yes  No  (Select one) NOTE: If the SBE Certification document is not submitted with your bid the SBE Preference cannot be applied.

**THIS SECTION INTENTIONALLY LEFT BLANK**

OFFER AGREEMENT

14. BID/OFFER CERTIFICATION:

SUPPLIER LEGAL NAME: Freightliner of Arizona

BUSINESS ALSO KNOWN AS: \_\_\_\_\_

MAILING ADDRESS: 9899 W. Roosevelt Street

CITY/STATE/ZIP: Tolleson, AZ 85353

REMIT TO ADDRESS: Same

CITY/STATE/ZIP: \_\_\_\_\_

CONTACT PERSON NAME/TITLE: Cory Thompson

PHONE: 623-907-9900 FAX: 623-907-6401

CONTACT PERSON EMAIL ADDRESS: cthompson@fswaz.com

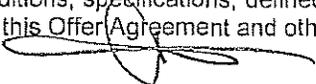
EMAIL ADDRESS TO WHICH ORDERS & CONTRACTS SHALL BE TRANSMITTED: cthompson@fswaz.com

CORPORATE HEADQUARTERS LOCATION:

ADDRESS: 9899 West Roosevelt Street

CITY, STATE, ZIP: Tolleson, AZ 85353

By signing and submitting these Offer Agreement documents, the undersigned certifies that they are legally authorized to represent and bind Contractor to legal agreements, that all information submitted is accurate and complete, that Contractor has reviewed the Pima County Procurement website for solicitation addenda and has incorporated all such addenda to its offer, that Contractor is qualified and willing to provide the items requested, and that Contractor will comply with all requirements of the solicitation. The Unit Pricing includes all costs incidental to the provision of the items in compliance with the above documents; no additional payment will be made. Conditional offers that modify the solicitation requirements may be deemed not 'responsive' and may not be evaluated. Contractor's submission of a signed offer agreement shall constitute a firm offer and upon the issuance of a Purchase Order (PO) document signed by the Pima County Procurement Director or authorized designate a binding contract is formed that will require Contractor to provide the services and materials described in this solicitation. The undersigned hereby offers to furnish the material or service in compliance with all terms, conditions, specifications, defined or referenced by the solicitation, which includes Pima County Standard Terms & Conditions, this Offer Agreement and other documents listed in this Offer Agreement's Other Documents article.

SIGNATURE:  \_\_\_\_\_

DATE: 11/20/2015

Cory Thompson-New Truck Sales

PRINTED NAME & TITLE OF AUTHORIZED SUPPLIER REPRESENTATIVE EXECUTING OFFER

PHONE AND E-MAIL: 623-907-9900 cthompson@fswaz.com

**PIMA COUNTY STANDARD TERMS AND CONDITIONS (03/18/15)**

**1. OPENING:**

Responses will be publicly opened and each respondent's name, and if a Bid the amount, will be read on the date and at the location defined in the *Invitation for Bid (IFB)* or *Request For Proposals (RFP)*. Proposals shall be opened so as to avoid disclosure of the contents of any proposal to competing offerors during the process of negotiation. All interested parties are invited to attend.

**2. EVALUATION:**

Responses shall be evaluated to determine which are most advantageous to Pima County (COUNTY) considering evaluation criteria, conformity to the specifications and other factors.

If an award is made, COUNTY will enter into an agreement with the one or multiple respondent(s) that submitted the lowest responsive bid(s) that were determined responsible for supplying the required goods or services. Unless otherwise specified on the Bid/Offer document determination of the low/lowest bids will be made considering the total bid amount.

COUNTY, at its sole discretion, reserves the following rights: 1) to waive informalities in the bid or bid procedure; 2) to reject the response of any persons or corporations that have previously defaulted on any contract with COUNTY or who have engaged in conduct that constitutes a cause for debarment or suspension as set forth in COUNTY Code section 11.32; 3) to reject any and all responses; 4) to re-advertise for bids previously rejected; 5) to otherwise provide for the purchase of such equipment, supplies materials and services as may be required herein; 6) to award on the basis of price and other factors, including but not limited to such factors as delivery time, quality, uniformity of product, suitability for the intended task, and bidder's ability to supply; 7) to increase or decrease the item quantity or eliminate any item of this solicitation prior to the award. Pricing evaluations will be based on pre-tax pricing offered by Contractor.

**3. AWARD NOTICE:**

A *Notice of Recommendation for Award* for IFB or RFP will be posted on the Procurement website and available for review by interested parties. A tabulation of responses will be maintained at the Procurement Department.

**4. AWARD:**

Awards will be made by either the Procurement Director or the Board of Supervisors in accordance with the Pima County Procurement Code. COUNTY reserves the right to reject any or all offers, bids or proposals or to waive irregularities and informalities if it is deemed in the best interest of COUNTY. Unless expressly agreed otherwise, resulting contracts are not exclusive, are for the sole convenience of COUNTY, and COUNTY reserves the right to obtain like goods or services from other sources.

**5. WAIVER:**

Each offeror, by submission of an offer, bid or proposal waives any and all claims for damages against COUNTY or its officers or employees when COUNTY exercises any of its reserved rights.

**6. ACKNOWLEDGEMENT AND ACCEPTANCE:**

If Contractor's terms of sale are inconsistent with the terms of the resultant contract, the terms herein shall govern, unless COUNTY accepts Contractor's terms in writing. No oral agreement or understanding shall in any way modify this contract or the terms and conditions herein. Contractor's acceptance, delivery or performance called for herein shall constitute unqualified acceptance of the terms and conditions of the resultant contract.

**7. INTERPRETATION and APPLICABLE LAW:**

The contract will be interpreted, construed and given effect in all respects according to the laws of the State of Arizona. If any of Contractor's terms or conditions is not in agreement with County's terms and conditions as set forth herein, COUNTY's shall govern. This contract incorporates the complete agreement of the parties with respect to the subject matter of this contract. No oral agreement or other understanding will in any way modify the terms and conditions of this contract.

**8. WARRANTY:**

Contractor warrants goods or services to be satisfactory and free from defects.

**9. QUANTITY:**

Contractor will not exceed or reduce the quantity of goods ordered without **written** permission from COUNTY in the form of a properly executed Master Agreement (MA), Purchase Order (PO) Delivery Order (DO) or Delivery Order Maximo (DOM) revision or amendment as required by COUNTY Procurement Code. All quantities are estimates and COUNTY provides no guarantee regarding actual usage.

**10. PACKING:**

Contractor will make no extra charges for packaging or packing material. Contractor is responsible for safe packaging conforming to carrier's requirements.

**11. DELIVERY:**

On-time delivery of goods and services is an essential part of the consideration to be received by COUNTY.

A guaranteed delivery date, or interval period from order release date to delivery, must be given if requested by the Price offer document. Upon receipt of notification of delivery delay, COUNTY at its sole option and at no cost to COUNTY may cancel the order or extend delivery times. Such extension of delivery times will not be valid unless extended in writing by an authorized representative of COUNTY.

To mitigate or prevent damages caused by delayed delivery, COUNTY may require Contractor to deliver additional quantity utilizing express modes of transport, and or overtime, all costs to be Contractor's responsibility. COUNTY reserves the right to cancel any delinquent order, procure from alternate source, or refuse receipt of or return delayed deliveries, at no cost to COUNTY. COUNTY reserves the right to cancel any order or refuse delivery upon default by Contractor concerning time, cost, or manner of delivery.

Contractor will not be held responsible for unforeseen delays caused by fires, strikes, acts of God, or other causes beyond Contractor's control, provided that Contractor provides COUNTY immediate notice of delay.

**12. SPECIFICATION CHANGES:**

COUNTY has the right to make changes in the specifications, services, or terms and conditions of an order. If such changes cause an increase or decrease in the amount due under an order or in time required for performance, an acceptable adjustment will be made and the order modified in writing. Any agreement for adjustment must be made in writing. Nothing in this clause reduces Contractor's responsibility to proceed without delay in the delivery or performance of an order.

**13. INSPECTION:**

All goods and services are subject to inspection and testing at place of manufacture, destination or both by COUNTY. Goods failing to meet specifications of the order or contract will be held at Contractor's risk and may be returned to Contractor with costs for transportation, unpacking, inspection, repacking, reshipping, restocking or other like expenses to be the responsibility of Contractor. In lieu of return of nonconforming supplies, COUNTY, at its sole discretion and without prejudice to COUNTY's rights, may waive any nonconformity, receive the delivery, and treat the defect(s) as a warranty item, but waiver of any condition will not be considered a waiver of that condition for subsequent shipments or deliveries.

**14. SHIPPING TERMS:**

Unless stated otherwise by the contract, delivery terms are to be F.O.B. Destination & Freight Prepaid Not Billed ("F.O.B. Destination") and are to be included in the Unit Price offered by Contractor and accepted by COUNTY.

**15. PAYMENT TERMS:**

Payment terms are net thirty (30) days, unless otherwise specified by the contract.

**16. ACCEPTANCE OF MATERIALS AND SERVICES:**

COUNTY will not execute an acceptance or authorize payment for any service, equipment or component prior to delivery and verification that all specification requirements have been met.

**17. RIGHTS AND REMEDIES OF COUNTY FOR DEFAULT:**

In the event any item furnished by Contractor in the performance of the contract should fail to conform to the specifications thereof, or to the sample submitted by Contractor, COUNTY may reject same, and it thereupon becomes the duty of Contractor to reclaim and remove the same, without expense to COUNTY, and immediately replace all such rejected items with others conforming to the specifications or samples. Should Contractor fail, neglect, or refuse immediately to do so, COUNTY has the right to purchase in the open market, in lieu thereof, a corresponding quantity of any such items and to deduct from any monies due or that may become due to Contractor the difference between the price named in the Master Agreement or Purchase Order and actual cost to COUNTY.

In the event Contractor fails to make prompt delivery as specified of any item, the same conditions as to the rights of COUNTY to purchase in the open market and invoke the reimbursement condition above apply, except when delivery is delayed by fire, strike, freight embargo, or acts of god or of the government.

In the event of cancellation of the Master Agreement, Purchase Order or associated orders, either in whole or in part, by reason of the default or breach by Contractor, Contractor will bear and pay for any loss or damage sustained by COUNTY in procuring any items which the Contractor agreed to supply. The rights and remedies of COUNTY provided above are not exclusive and are in addition to any other rights and remedies provided by law or under the contract.

**18. FRAUD AND COLLUSION:**

Each Contractor, by submission of a bid, certifies that no officer or employee of COUNTY or of any subdivision thereof: 1) has aided or assisted Contractor in securing or attempting to secure a contract to furnish labor, materials or supplies at a higher price than that proposed by any other Contractor; 2) has favored one Contractor over another by giving or withholding information or by willfully misleading the bidder in regard to the character of the material or supplies called for or the conditions under which the proposed work is to be done; 3) will knowingly accept materials or supplies of a quality inferior to those called for by any contract; 4) has any direct or indirect financial interest in the offer or resulting contract. Additionally, during the conduct of business with COUNTY, Contractor will not knowingly certify, or induce others to certify, to a greater amount of labor performed than has been actually performed, or to the receipt of a greater amount or different kind of material or supplies that has been actually received. If at any time it shall be found that Contractor has in presenting any offer(s) colluded with any other party or parties for the purpose of preventing any other offer being made, then any contract so awarded shall be terminated and that person or entity shall be liable for all damages sustained by COUNTY.

**19. COOPERATIVE USE OF RESULTING CONTRACT:**

As allowed by law, COUNTY has entered into cooperative procurement agreements that enable other Public Agencies to utilize procurement agreements developed by COUNTY. Contractor may be contacted by participating agencies and requested to provide services and products pursuant to the pricing, terms and conditions defined by the COUNTY Master Agreement, or Purchase Order. Minor adjustments are allowed subject to agreement by both Contractor and Requesting Party to accommodate additional cost or other factors not present in the COUNTY's agreement and required to satisfy particular Public Agency code or functional requirements and are within the intended scope of the solicitation and resulting contract. Any such usage shall be in accordance with State, COUNTY and other Public Agency procurement rules, regulations and requirements and shall be transacted between the requesting party and Contractor. Contractor shall hold harmless COUNTY, its officers, employees, and agents from and against all liability, including without limitation payment and performance associated with such use. A list of agencies that are authorized to use COUNTY contracts can be viewed at the Procurement Department Internet home page: <http://www.pima.gov/procure> by selecting the link titled *Authorized Use of COUNTY Contracts*.

**20. PATENT INDEMNITY:**

Contractor will indemnify, defend and hold COUNTY, its officers, agents and employees, harmless from liability of any nature or kind, including costs and expenses, for infringement or use of any copyrighted composition, secret process, patented or unpatented invention, article or appliance furnished or used in connection with the Master Agreement, Purchase Order, and associated orders. Contractor may be required to furnish a bond or other indemnification to COUNTY against any and all loss, damage, costs, expenses, claims and liability for patent or copyright infringement.

**21. INDEMNIFICATION:**

To the fullest extent permitted by law, Contractor shall defend, indemnify, save and hold harmless Pima County, and its departments, agencies, boards, commissions, officers, officials, agents, and employees (hereinafter referred to as "Indemnitee") from and against any and all claims, actions, liabilities, damages, losses, or expenses (including court costs, attorneys' fees, and costs of claim processing, investigation and litigation) (hereinafter referred to as "Claims") for bodily injury or personal injury (including death), or loss or damage to tangible or intangible property caused, or alleged to be caused, in whole or in part, by the negligent or willful acts or omissions of Contractor or any of its owners, officers, directors, agents, employees or subcontractors. This indemnity includes any claim or amount arising out of, or recovered under, the Workers' Compensation Law or arising out of the failure of such Contractor to conform to any federal, state, or local law, statute, ordinance, rule, regulation, or court decree. It is the specific intention of the parties that the Indemnitee shall, in all instances, except for Claims arising solely from the negligent or willful acts or omissions of the Indemnitee, be indemnified by Contractor from and against any and all claims. It is agreed that, Contractor will be responsible for primary loss investigation, defense, and judgment costs where this indemnification is applicable. In consideration of the award of this contract, the Contractor agrees to waive all rights of subrogation against Pima County, its officers, officials, agents, and employees for losses arising from the work performed by the Contractor for Pima County.

**22. UNFAIR COMPETITION AND OTHER LAWS:**

Responses must be in accordance with Arizona trade and commerce laws (Title 44 A.R.S.) and all other applicable COUNTY, State, and Federal laws and regulations.

**23. COMPLIANCE WITH LAWS:**

Contractor will comply with all federal, state, and local laws, rules, regulations, standards and Executive Orders, without limitation. In the event any services provided under this contract require a license issued by the Arizona Registrar of Contractors (ROC), Contractor certifies that those services will be provided by a contractor licensed by ROC to perform those services in Arizona. The laws and regulations of the State of Arizona govern the rights, performance and disputes of and between the parties. Any action relating to this Contract must be brought in a court of the State of Arizona in Pima County.

Any changes in the governing laws, rules, and regulations during an agreement apply, but do not require an amendment or revisions.

**24. ASSIGNMENT:**

Contractor may not assign its rights to the contract, in whole or in part, without prior written approval of COUNTY. COUNTY may withhold approval at its sole discretion, provided that COUNTY will not unreasonably withhold such approval.

**25. CONFLICT OF INTEREST:**

This contract is subject to the provisions of A.R.S. § 38-511, the pertinent provisions of which are incorporated into and made part of all COUNTY Master Agreements or Purchase Orders as if set forth in full therein.

**26. NON-DISCRIMINATION:**

CONTRACTOR agrees to comply with all provisions and requirements of Arizona Executive Order 2009-09 which is hereby incorporated into this contract as if set forth in full herein including flow down of all provisions and requirements to any subcontractors. During the performance of this contract, CONTRACTOR must not discriminate against any employee, client or any other individual in any way because of that person's age, race, creed, color, religion, sex, disability or national origin.

**27. NON-APPROPRIATION OF FUNDS:**

COUNTY may cancel this contract pursuant to A.R.S. § 11-251(42) if for any reason the COUNTY Board of Supervisors does not appropriate funds for the stated purpose of maintaining the contract. In the event of such cancellation, COUNTY has no further obligation, other than payment for services or goods that COUNTY has already received.

**28. PUBLIC INFORMATION:**

Pursuant to A.R.S. § 39-121 et seq., and A.R.S. § 34-603(H) in the case of construction or Architectural and Engineering services procured under A.R.S. Title 34, Chapter 6, all information submitted in response to this solicitation, including, but not limited to, pricing, product specifications, work plans, and any supporting data becomes public information and upon request, is subject to release or review by the general public including competitors.

Any records submitted in response to this solicitation that Contractor reasonably believes constitute proprietary, trade secret or otherwise confidential information must be appropriately and prominently marked as CONFIDENTIAL by Contractor prior to the close of the solicitation.

Notwithstanding the above provisions, in the event records marked CONFIDENTIAL are requested for public release pursuant to A.R.S. § 39-121 et seq., COUNTY will release records marked CONFIDENTIAL ten (10) business days after the date of notice to Contractor of the request for release, unless Contractor has, within the ten (10) day period, secured a protective order, injunctive relief or other appropriate order from a court of competent jurisdiction, enjoining the release of the records. For the purposes of this paragraph, the day of the request for release is not counted in the time calculation. Contractor will be notified of any request for such release on the same day of the request for public release or as soon thereafter as practicable.

COUNTY will not, under any circumstances, be responsible for securing a protective order or other relief enjoining the release of records marked CONFIDENTIAL, nor is COUNTY in any way financially responsible for any costs associated with securing such an order.

**29. CUSTOM TOOLING, DOCUMENTATION AND TRANSITIONAL SUPPORT:**

Costs to develop all tooling and documentation, such as and not limited to dies, molds, jigs, fixtures, artwork, film, patterns, digital files, work instructions, drawings, etc. necessary to provide the contracted services or products and unique to the services or products supplied to COUNTY are included in the agreed upon Unit Price unless specifically stated otherwise in the contract.

Such tools and documentation are the property of COUNTY and will be marked, as is practical, as the "Property of Pima County" and if requested by COUNTY a copy of the tooling and documentation will be delivered to COUNTY within twenty (20) days of acceptance by COUNTY of the first article sample, or not later than ten (10) days of termination of the contract associated with their development, without additional cost to COUNTY. Contractor also agrees to act in good faith to facilitate the transition of work to a subsequent Contractor if and as reasonably requested by COUNTY at no additional cost.

Should exceptional circumstances be present that may justify an additional charge, Contractor may submit said justification and proposed cost and negotiate an agreement acceptable to both Contractor and COUNTY, but Contractor may not withhold any requested tooling, document or support as defined above that would delay the orderly, efficient and prompt transition of work. Should conduct by Contractor result in additional costs to COUNTY, Contractor will reimburse COUNTY for said actual and incremental costs provided that COUNTY had given Contractor reasonable time to respond to COUNTY's requests for support.

**30. AMERICANS WITH DISABILITIES ACT:**

Contractor will comply with all applicable provisions of the Americans with Disabilities Act (public law 101-336, 42 USC 12101-12213) and all applicable federal regulations under the act, including 28 CFR parts 35 and 36.

**31. NON-EXCLUSIVE:**

Contracts resulting from this solicitation are non-exclusive and are for the sole convenience of COUNTY, which reserves the right to obtain like goods and services from other sources for any reason.

**32. PROTESTS:**

An interested party may file a protest regarding any aspect of a solicitation, evaluation, or recommendation for award. Protests must be filed in accordance with the Pima County Procurement Code, Section 11.20.010.

**33. TERMINATION:**

COUNTY reserves the right to terminate any Master Agreement, Purchase Order, Delivery Order, Delivery Order Maximo or award, in whole or in part, at any time, without penalty or recourse, when in the best interests of COUNTY. Upon receipt of written notice, Contractor will immediately cease all work as directed by the notice, notify all subcontractors of the effective date of termination and take appropriate actions to minimize further costs to COUNTY. In the event of termination under this paragraph, all documents, data, and reports prepared by Contractor under the contract become the property of and must be promptly delivered to COUNTY. Contractor is entitled to receive just and equitable compensation for work in progress, work completed and materials accepted before the effective date of the termination. The cost principles and procedures defined by A.A.C. R2-7-701 apply.

**34. ORDER OF PRECEDENCE-CONFLICTING DOCUMENTS:**

In the event of inconsistencies between contract documents, the following is the order of precedence, superior to subordinate, that will apply to resolve the inconsistency: Master Agreement, Delivery Order or Delivery Order Maximo, Purchase Order, offer agreement or contract attached to a Master Agreement, Purchase Order, Delivery Order or Delivery Order Maximo; these standard terms and conditions; any other solicitation documents.

**35. INDEPENDENT CONTRACTOR:**

The status of Contractor is that of an independent Contractor. Contractor and Contractor officer's agents or employees are not considered employees of COUNTY and are not entitled to receive any employment-related fringe benefits under the COUNTY Merit System. Contractor is responsible for payment of all federal, state and local taxes associated with the compensation received pursuant to this Contract and will indemnify and hold COUNTY harmless from any and all liability which COUNTY may incur because of Contractor's failure to pay such taxes. Contractor is solely responsible for its program development and operation.

**36. BOOKS AND RECORDS:**

Contractor will keep and maintain proper and complete books, records and accounts, which will be open at all reasonable times for inspection and audit by duly authorized representatives of COUNTY. In addition, Contractor will retain all records relating to this contract at least five (5) years after its termination or cancellation or, if later, until any related pending proceeding or litigation has been closed.

**37. COUNTERPARTS:**

The Master Agreement or Purchase Order awarded pursuant to this solicitation may be executed in any number of counterparts and each counterpart is considered an original, and together such counterparts constitute one and the same instrument.

For the purposes of the Master Agreement and Purchase Order, the signed offer of Contractor and the signed acceptance of COUNTY are each considered an original and together constitute a binding Master Agreement, if all other requirements for execution have been met.

**38. AUTHORITY TO CONTRACT:**

Contractor warrants its right and power to enter into the Master Agreement or Purchase Order. If any court or administrative agency determines that COUNTY does not have authority to enter into the Master Agreement or Purchase Order, COUNTY is not liable to Contractor or any third party by reason of such determination or by reason of the Master Agreement or Purchase order.

**39. FULL AND COMPLETE PERFORMANCE:**

The failure of either party to insist on one or more instances upon the full and complete performance with any of the terms or conditions of the Master Agreement, Purchase Order, Delivery Order or Delivery Order Maximo to be performed on the part of the other, or to take any action permitted as a result thereof, is not a waiver or relinquishment of the right to insist upon full and complete performance of the same, or any other covenant or condition, either in the past or in the future. The acceptance by either party of sums less than may be due and owing it at any time is not an accord and satisfaction.

**40. SUBCONTRACTORS:**

CONTRACTOR is fully responsible for all acts and omissions of any subcontractor and of persons directly or indirectly employed by any subcontractor, and of persons for whose acts CONTRACTOR may be liable to the same extent that CONTRACTOR is responsible for the acts and omissions of persons directly employed by it. Nothing in this contract creates any obligation on the part of COUNTY to pay or see to the payment of any money due any subcontractor, except as may be required by law.

**41. SEVERABILITY:**

Each provision of this Contract stands alone, and any provision of this Contract found to be prohibited by law is ineffective to the extent of such prohibition without invalidating the remainder of this Contract.

**42. LEGAL ARIZONA WORKERS ACT COMPLIANCE:**

CONTRACTOR hereby warrants that it will at all times during the term of this Contract comply with all federal immigration laws applicable to CONTRACTOR's employment of its employees, and with the requirements of A.R.S. § 23-214 (A) (together the "State and Federal Immigration Laws"). CONTRACTOR will further ensure that each subcontractor who performs any work for CONTRACTOR under this contract likewise complies with the State and Federal Immigration Laws.

COUNTY has the right at any time to inspect the books and records of CONTRACTOR and any subcontractor in order to verify such party's compliance with the State and Federal Immigration Laws.

Any breach of CONTRACTOR's or any subcontractor's warranty of compliance with the State and Federal Immigration Laws, or of any other provision of this section, is a material breach of this Contract subjecting CONTRACTOR to penalties up to and including suspension or termination of this Contract. If the breach is by a subcontractor, and the subcontract is suspended or terminated as a result, CONTRACTOR will take such steps as may be necessary to either self-perform the services that would have been provided under the subcontract or retain a replacement subcontractor as soon as possible so as not to delay project completion.

CONTRACTOR will advise each subcontractor of COUNTY's rights, and the subcontractor's obligations, under this Article by including a provision in each subcontract substantially in the following form:

"SUBCONTRACTOR hereby warrants that it will at all times during the term of this contract comply with all federal immigration laws applicable to SUBCONTRACTOR's employees, and with the requirements of A.R.S. § 23-214 (A). SUBCONTRACTOR further agrees that COUNTY may inspect the SUBCONTRACTOR's books and records to insure that SUBCONTRACTOR is in compliance with these requirements. Any breach of this paragraph by SUBCONTRACTOR is a material breach of this contract subjecting SUBCONTRACTOR to penalties up to and including suspension or termination of this contract."

Any additional costs attributable directly or indirectly to remedial action under this Article is the responsibility of CONTRACTOR. In the event that remedial action under this Article results in delay to one or more tasks on the critical path of CONTRACTOR's approved construction or critical milestones schedule, such period of delay will be excusable delay for which CONTRACTOR is entitled to an extension of time, but not costs.

**43. CONTROL OF DATA PROVIDED BY COUNTY:**

For those projects and contracts where COUNTY has provided data to enable the Contractor to provide contracted services or products, unless otherwise specified and agreed to in writing by COUNTY, Contractor will treat, control and limit access to said information as confidential and will under no circumstances release any data provided by COUNTY during the term of this contract and thereafter, including but not limited to personal identifying information as defined by A.R.S. § 44-1373, and Contractor is further prohibited from selling such data directly or through a third party. Upon termination or completion of the contract, Contractor will either return all such data to COUNTY or will destroy such data and confirm destruction in writing in a timely manner not to exceed sixty (60) calendar days.

**END OF PIMA COUNTY STANDARD TERMS AND CONDITIONS**

## ATTACHMENT A – DETAILED SPECIFICATIONS

**MINIMUM REQUIREMENTS (MUST BE MET):**

1. All trucks shall meet all the latest revised Federal Emission Standards, OSHA and Federal Safety Standards, and Arizona Department of Transportation regulations.
2. Trucks offered shall be manufactured in the United States.
3. Original manufacturers' serial number shall not be altered in any way.
4. Trucks shall be manufacturer's current model in production at time of delivery.
5. Trucks shall be new and unused. (Demonstrator models shall not be acceptable).
6. Contractors must be an authorized dealer/reseller for at least three (3) years for the manufacturer of equipment being proposed to Pima County. Upon request by Pima County contractor must provide proof of this authorization within one (1) day of initial request.
7. Successful contractor shall have final built trucks inspected and approved for use by the Arizona Motor Vehicle Division. Approved inspection slip shall be delivered simultaneous with truck delivery.
8. Successful contractor shall maintain a local factory authorized maintenance facility within the Tucson metropolitan area (service hours shall be from 8:00 A.M. to 5:00 P.M., Monday through Friday) or have specific agreements in force with a third party to provide local maintenance. If applicable a document showing evidence of the third party agreement to provide necessary maintenance support **shall be submitted with the bid.**
9. The warranty period shall be a minimum of one (1) year unlimited miles and hours for both parts and labor. Warranty repair and/or replacement will be performed at no additional charge to Pima County.
10. The successful contractor shall be responsible for all repairs needed within the warranty period. Contractor shall determine if the repairs required are to be accomplished by the body builder or the manufacturer, (cab & chassis). The successful contractor will then be responsible for delivering the truck(s) to the proper warranty facility for repairs. After proper repairs are complete, truck(s) shall be returned to the Fleet Services Department. Please refer to Attachment C for the Certification of Stocking, Supplying of Parts and Service Program.
11. The successful contractor is to provide towing, anywhere within Pima County, at no charge to Pima County for warranty related breakdown/repairs to their facility or to the appropriate warranty dealer. Once the vendor is notified of a breakdown, the unit must be picked up within four (4) hours.
12. Contractor shall **submit with bid response** a comprehensive list (a **build sheet**) detailing each of the specifications of the proposed truck that separately address each of the specifications as set forth in this bid.
13. Brochures on the proposed truck may be submitted with bid giving complete specifications and other general data on the truck and equipment.
14. Warranty brochures/information **shall be submitted with bid** explaining the warranty coverage and defining specifically what is covered by warranty.

The following documents shall be provided to Pima County upon delivery of **each truck**:

1. **Manufacturer Statement of Origin (M.S.O.), which must include the odometer statement. Unless otherwise ordered in writing, the M.S.O. shall show the owner/purchaser of the equipment as: Pima County Board of Supervisors, 1291 S. Mission Road, Tucson, AZ 85713**
2. Warranty Document.
3. Manufacturer's unaltered invoice
4. A copy of Attachment "B"- Specification Checklist. Original check list should have been submitted with bid response.
5. Invoice specifying the purchase order number and the serial number of the truck.
6. Arizona Motor Vehicle Inspection slip showing the vehicle/equipment has passed inspection
7. Successful contractor receiving award shall provide 2 each CD's or thumb drives for the following (a-d):
  - a. Maintenance-Overhaul (shop) manuals\*
  - b. Operator's and Service manuals\*
  - c. Wiring Diagrams\*
  - d. Manuals for auxiliary equipment\*
  - e. Per truck - Four (4) sets of keys
8. Contractor shall **submit with bid response** a chart detailing weight on axles with full load to include net legal payload capacity.

\*Successful contractor may also provide a web site to enable Pima County to acquire information directly as long as there is no subscription to join or a fee to pay to get this information.

## ATTACHMENT B – SPECIFICATION CHECK-LIST

All items in Attachment B must be answered and returned with bid response. Failure to not answer all items may be cause for rejection as non-responsive. Contractor shall fill in the following based on the equipment you are offering to Pima County per this solicitation. If your response is "No" to a specification you must supply a detailed explanation (separate sheet) of what you are bidding and how it will impact the end performance of the trucks.

		<u>YES</u>	<u>NO</u>
WHEELBASE:	196" APPROXIMATE	<u>X</u>	___
C.A.	120" APPROXIMATE	<u>X</u>	___
GVWR:	35,000 LBS MINIMUM	<u>X</u>	___
ENGINE:	DIESEL, 300 H.P. NET MINIMUM AT RATED RPM, 8.3 LITER <u>MINIMUM</u> , 860 <u>MINIMUM</u> FT. LB. TORQUE NET AT RATED RPM WITH ELECTRONIC CONTROLS. ENGINE COMPRESSION BRAKE WITH PHASE SWITCH OR EQUIVALENT. NO EXHAUST BRAKE. ENGINE SHALL BE WARRANTIED FOR 5 YEARS/150,000 MILES. SEE ATTACHMENT C FOR ADDITIONAL ENGINE WARRANTY INFORMATION. ENGINE MUST BE AN ACCEPTABLE MATCH TO THE TRANSMISSION AS CERTIFIED BY THE TRANSMISSION MANUFACTURER. ENGINE SHALL MEET THE LATEST EMISSION STANDARDS. VENDOR TO STATE ENGINE MAKE AND MODEL OF ENGINE BEING BID.	<u>X</u>	___
	State engine make & model <u>CUMMINS ISL</u>		
TRANSMISSION:	ALLISON RDS-3000 WITH AIR TO OIL COOLER, OR APPROVED EQUIVALENT. 5-SPEED MINIMUM, WITH PTO GEAR, WITH OIL LEVEL SENSOR, NO RETARDER. RATED FOR 300 H.P. NET INPUT MINIMUM AND 860 FT. LB. TORQUE NET INPUT MINIMUM. TRANSMISSION WARRANTED FOR 5 YEARS/250,000 MILES. CASTROL TRANSYND IS TO BE INSTALLED AT THE FACTORY. SEE ATTACHMENT C FOR ADDITIONAL TRANSMISSION WARRANTY INFORMATION.	<u>X</u>	___
EXHAUST:	MAXIMUM DIAMETER AVAILABLE, SINGLE HORIZONTAL, AFTER TREATMENT DEVICE, FRAME MOUNTED, UNDER CAB TO INCLUDE HORIZONTAL TAILPIPE OR SINGLE AFTER TREATMENT DEVICE WITH A VERTICAL EXHAUST SYSTEM, EXHAUST STACK MOUNTED ON SIDE OF TRUCK VENDOR TO STATE EXHAUST SYSTEM BEING BID.	<u>X</u>	___
	State exhaust being bid <u>Horizontal aftertreatment with RH B-pillar mounted vertical tailpipe</u>		
AIR CLEANER:	HEAVY DUTY, MAXIMUM AVAILABLE, WITH RESTRICTION INDICATOR IN CAB AND PRE-CLEANER.	<u>X</u>	___
OIL FILTER:	MANUFACTURES STANDARD	<u>X</u>	___
COOLING SYSTEM:	HEAVY DUTY ROUGH SERVICE MOUNTING OR EQUIVALENT MAXIMUM AVAILABLE WITH KYSOR FAN DRIVE OR EQUIVALENT WITH AUTO ON/OFF.	<u>X</u>	___

ATTACHMENT B – SPECIFICATION CHECK-LIST - continued

<u>BIDDERS SHALL FILL IN THE FOLLOWING:</u>		<u>YES</u>	<u>NO</u>
BUG SCREEN:	RADIATOR- MOUNTED IN FRONT OR BEHIND GRILLE 1/4" GRID STEEL SCREEN. SCREEN DOOR MATERIAL WILL NOT BE ACCEPTED.	<u>X</u>	___
ELECTRICAL SYSTEM:	12 VOLT, 2 MAINTENANCE FREE BATTERIES, 1800 CCA, MINIMUM, OR EQUIVALENT, ALUMINUM BATTERY BOX PREFERRED WITH JUMP START CAPABILITIES EXTERNAL OF BATTERY BOX OR AT ENGINE. ALTERNATOR RATED AT 130 AMP CAPACITY. STARTER 12-VOLT WITH THERMAL OVER CRANK PROTECTION. CIRCUIT BREAKERS WITH MANUAL RESET (MAIN PANEL) SAE TYPE III OR EQUIVALENT WITH TRIP INDICATORS	<u>X</u>	___
STEERING:	POWER, HEAVY DUTY, FULL HYDRAULIC, (1) SHEPPARD M100 OR EQUIVALENT.	<u>X</u>	___
AIR COMPRESSOR:	13.2 CFM, MINIMUM, WATER COOLED, BENDIX TU-FLO 550 OR EQUIVALENT.	<u>X</u>	___
BRAKES:	FULL AIR WITH WATER FILTERS/DRIERS, AUTOMATIC DRAIN VALVE, BENDIX ANTILOCK BRAKE SYSTEM OR EQUIVALENT, COLOR CODED NYLON BRAKE LINES OR EQUIVALENT, AIR LINES INSIDE FRAME TO MEET ALL REGULATIONS. FRONT AND REAR AUTOMATIC SLACK ADJUSTERS, FRONT BRAKES S-CAM TYPE, 16.5" BY 5.0" MINIMUM, REAR BRAKES S-CAM TYPE, 16.5" X 7.0" MINIMUM.	<u>X</u>	___
PARKING BRAKE:	PIGGY BACK CHAMBER WITH HEAVY DUTY SPRING ACTUATED PARKING BRAKE	<u>X</u>	___
FRAME:	FRAME RAILS HEAT TREATED ALLOY STEEL OR EQUIVALENT, (120,000 PSI YIELD); 10.250" X 3.610" X 0.375"; MAXIMUM OAL OR EQUIVALENT	<u>X</u>	___
FRONT AXLE:	I-BEAM TYPE (MERITOR ROCKWELL) 12,000-LB CAPACITY OR EQUIVALENT	<u>X</u>	___
FRONT SUSPENSION:	FRONT SPRINGS MULTILEAF, SHACKLE TYPE OR EQUIVALENT 12,000-LB CAPACITY WITH SHOCK ABSORBERS	<u>X</u>	___
PROPSHAFTS:	HEAVY DUTY	<u>X</u>	___
REAR AXLES:	SINGLE (DANA SPICER S23-170) OR EQUIVALENT. SINGLE REDUCTION 23,000 LB CAPACITY GEAR RATIO 4.33 PREFERRED. VENDOR TO STATE RATIO	<u>X</u>	___
	State ratio: <u>5.38</u>		

## ATTACHMENT B – SPECIFICATION CHECK-LIST - continued

<u>BIDDERS SHALL FILL IN THE FOLLOWING:</u>	<u>YES</u>	<u>NO</u>
<p><b>REAR SUSPENSION:</b> SINGLE, AXLE LEAF SPRING SUSPENSION 23,000 LB. CAPACITY, WITH RUBBER SPRINGS, WITH RUBBER END BUSHINGS, SHOCK ABSORBERS AND TORQUE RODS OR EQUIVALENT.</p> <p style="padding-left: 40px;">State suspension type: <u>Detroit variable rate multi-leaf spring</u></p>	<u>X</u>	___
<p><b>WHEELS:</b> FRONT DISC, 22.5" X 8.25" PAINTED STEEL, WHITE, 10-STUD HUB PILOTED, FLANGED NUT, OR EQUIVALENT. REAR DUAL DISC, 22.5" X 8.25" PAINTED STEEL, WHITE, 10-STUD, HUB PILOTED, FLANGED NUT, WITH STEEL HUBS. REAR WHEEL SEALS (STEMCO GUARDIAN) OR EQUIVALENT, OIL LUBRICATED WHEEL BEARINGS. FRONT WHEEL SEALS (STEMCO GUARDIAN) OR EQUIVALENT, OIL LUBRICATED WHEEL BEARINGS.</p>	<u>X</u>	___
<p><b>TIRES:</b> FRONT, TWO (2) 11R22.5 14 PLY RADIAL OR EQUIVALENT. FOUR (4) REAR TIRES 11R22.5 14 PLY RADIAL TRAC OR EQUIVALENT.</p>	<u>X</u>	___
<p><b>BUMPER:</b> HEAVY DUTY, PAINTED STEEL, SWEPT BACK OR EQUIVALENT. TWO FRONT FRAME MOUNTED TOW HOOKS.</p>	<u>X</u>	___
<p><b>CAB:</b> CONVENTIONAL, INSULATED, WITH FIBERGLASS TILT HOOD AND FENDERS WITH GRILLE. FULL TINTED GLASS, SINGLE AIR HORN, RECTANGULAR CONVEX MIRROR MOUNTED ABOVE RIGHT DOOR FOR BLIND SPOTS NEXT TO RIGHT SIDE OF CAB, RETRACTABLE MIRRORS BOTH SIDES APPROXIMATELY 7" X 16" WITH LEFT HEAD NON-MOTORIZED AND RIGHT HEAD NON-MOTORIZED WITH SEPARATE 8" CONVEX SPOT MIRRORS, GRAB HANDLES EACH SIDE. TURN SIGNALS, MARKER LIGHTS, AND REFLECTORS TO MEET ALL REGULATIONS. ELECTRIC HORN UNDER HOOD, HEAVY DUTY WINDSHIELD WIPERS, STEPS ON EACH SIDE FOR ENTRANCE.</p>	<u>X</u>	___
<p><b>CAB INTERIOR:</b> DRIVER SEAT (BOSTROM 910, S/N830068177 MDL T-910) OR EQUIVALENT, AIR SUSPENSION, INTERMEDIATE BACK, VINYL OR ALL OR PART CLOTH, ISOLATED, ADJUSTER, AIR LUMBAR SUPPORT, SEAT CUSHION AND SEAT BACK ANGLE ADJUSTMENT, LEFT SIDE ARM REST MOUNTED INBOARD, WITH VOCATIONAL TRIM LEVEL. PASSENGER SEAT (NATIONAL STATIC MODEL 192) OR EQUIVALENT, NON-SUSPENSION, HIGH BACK, VINYL OR ALL OR PART CLOTH WITH RIGHT SIDE ARM REST WITH VOCATIONAL TRIM LEVEL. SEAT BELTS, 3-POINT LAP AND SHOULDER BELT TYPE. HEATER AND DEFROSTER WITH FRESH AIR PROVISION, WITH PREMIUM HEATER HOSES. INTERIOR TRIM VOCATIONAL LEVEL; VINYL OR EQUIVALENT. TWO SUNVISORS, DOME LIGHT. <b>MINIMUM 18" DIA. STEERING WHEEL.</b> DUSTPROOF, WATERPROOF CONTAINER TO STORE VALUABLE DOCUMENTS, TWO COAT HOOKS, ADDITIONAL POWER OUTLET FOR CELL PHONE.</p>	<u>X</u>	___

## ATTACHMENT B – SPECIFICATION CHECK-LIST - continued

<u>BIDDERS SHALL FILL IN THE FOLLOWING:</u>		<u>YES</u>	<u>NO</u>
FUEL TANK:	SINGLE 50 GALLON TANK MINIMUM, NON-POLISHED ALUMINUM OR STEEL TANK MOUNTED LEFT SIDE UNDER CAB. TRUCK IS DRIVEN OFF ROAD AND NEEDS MAXIMUM GROUND CLEARANCE.	<u>X</u>	___
FUEL FILTERS:	DUAL FILTERS, A PRIMARY AND SECONDARY	<u>X</u>	___
RADIO:	AM-FM STEREO, STANDARD FACTORY ELECTRONIC TUNING AND CLOCK, MULTIPLE DUAL CONE SPEAKERS (2) MINIMUM. ANTENNA MOUNTED ON LEFT MIRROR OR EQUIVALENT.	<u>X</u>	___
AIR CONDITIONING:	MAXIMUM AVAILABLE, FACTORY INSTALLED. INTERNAL CAB - NO ROOF MOUNTING	<u>X</u>	___
INSTRUMENTATION:	SPEEDOMETER, ODOMETER, OIL PRESSURE GAUGE, WATER TEMPERATURE GAUGE, ENGINE HOUR METER, VOLT METER, FUEL GAUGE, TACHOMETER, DUAL AIR PRESSURE GAUGES.	<u>X</u>	___
FENDERS:	FEDERAL LEGAL MUDFLAPS TO COVER REAR WHEELS, ANTI-SAIL TYPE. (2) BEHIND FRONT TIRES.	<u>X</u>	___
AUTOMATIC WARNING SYSTEM:	SEPARATE AUDIBLE (ABOVE AMBIENT LEVELS) ALARMS FOR LOW ENGINE OIL PRESSURE, ENGINE OVER TEMPERATURE, LOW AIR PRESSURE. SHUTDOWN SYSTEM SHALL BE ACTIVATED TO SENSE THE SLIGHTEST VARIATION OF THESE THREE SYSTEMS, IF FAILING, AUTOMATICALLY SHUT THE ENGINE DOWN TO PREVENT ENGINE DAMAGE. VENDOR TO STATE WHICH SYSTEMS WILL BE MONITORED BY THE AUTO SHUT/DOWN SYSTEM.	<u>X</u>	___
	State System: <u>Oil pressue, Temperature, Air pressure</u>		
RADIO NOISE SUPPRESSION:	UNIT WILL BE EQUIPPED WITH AM AND MOBILE RADIO NOISE SUPPRESSION PACKAGE. ELECTRIC AND ELECTRONIC COMPONENTS OF THE UNIT SHALL NOT INTERFERE WITH SIGNALS RECEIVED OR TRANSMITTED BY THE MOBILE RADIO SYSTEM, NOR SHALL THE ELECTRIC AND ELECTRONIC COMPONENTS OF THE UNIT BE AFFECTED BY THE OPERATION OF THE MOBILE TRANSMITTER OR RECEIVER.	<u>X</u>	___
BACK-UP ALARM:	ELECTRIC BACKUP ALARM, 97dB MINIMUM. WEATHERPROOF AND STEAM-CLEANABLE.	<u>X</u>	___
COLOR:	CAB AND WHEELS - STANDARD WHITE BODY AND FRAME - STANDARD BLACK	<u>X</u>	___
WEIGHT DISTRIBUTION:	VENDER TO SUPPLY WITH BID, CHART DETAILING WEIGHT ON AXLES WITH NO LOAD	<u>X</u>	___

## ATTACHMENT B – SPECIFICATION CHECK-LIST - continued

<u>BIDDERS SHALL FILL IN THE FOLLOWING:</u>		<u>YES</u>	<u>NO</u>
<b>WEIGHT CERTIFICATE:</b>	AT TIME OF DELIVERY TO PIMA COUNTY CONTRACTORS SHALL FURNISH WEIGHT CERTIFICATE FROM STATE OF ARIZONA LICENSED PUBLIC WEIGHMASTER SHOWING THE TOTAL WEIGHT OF TRUCK AND CHASSIS.	<u>X</u>	<u>   </u>
<b>SAFETY EQUIPMENT:</b>	FIRE EXTINGUISHER (5 LB ALL PURPOSE) MOUNTED IN CAB, WITHIN EASY REACH OF THE OPERATOR, SAFETY TRIANGLE KIT IN CAB, ALL LADDERS, STEPS AND WALKING AREAS SHALL BE NON-SLIP TYPE.	<u>X</u>	<u>   </u>
<b>TRAILER PACKAGE:</b>	HEAVY DUTY BUTT PLATE WITH AN INTERCHANGEABLE RECEIVER HITCH FOR A PINTLE TYPE AND BALL TYPE HITCH WITH D-RINGS, GLAD HANDS AND AIR LINES TO THE REAR FOR AIR OPERATED TRAILER BRAKES AND ELECTRIC TRAILER BRAKE AND 7-WAY SOCKET WITH AN ELECTRIC BRAKE CONTROLLER. ESTIMATED TOWING WEIGHT – 18,000 LB. CAPACITY. PINTLE HEIGHT APPROX. 21" FROM THE GROUND.	<u>X</u>	<u>   </u>
<b>LIGHTS:</b>	LIGHTS AND REFLECTORS SHALL MEET DOT REQUIREMENTS. HEAD LIGHTS SHALL BE SEAL BEAM OR EQUIVALENT AND ALL OTHER LIGHTS SHALL BE LED AND BE BUILT INTO THE BODY NOT HANGING ON THE SUSPENSION TO COLLECT DIRT AND DEBRIS.	<u>X</u>	<u>   </u>
<b>PAINT:</b>	ALL MILL SCALE SHALL BE REMOVED PRIOR TO PRIMER COAT AND TWO COATS, MINIMUM, OF PURE WHITE URETHANE APPLIED OR EQUIVALENT	<u>X</u>	<u>   </u>
<b>BODY:</b>	<b>CONTAINER:</b> UNIT SHALL BE 5 CUBIC YARDS. DOUBLE WALL CONSTRUCTED. 2" - 6 LB. DENSITY INSULATION THROUGHOUT. 10 GA HR STEEL INTERIOR SIDES, 12 GA HR STEEL EXTERIOR. THE FLOOR SHALL BE 1/4 INCH HR STEEL. INTERIOR WALLS OF LOADING LIDS HAVE EXPANSION CORRUGATIONS. TOP LOADING DOORS ARE 2" DOUBLE WALL CONSTRUCTED. FLAME CUT UPPER PIVOT ARMS FOR TOP LIDS. ALL DOORS HYDRAULICALLY OPERATE BY 2" X 11" STROKE CYLINDERS. MATERIAL FUNNELED TO CENTER OF CONTAINER. HYDRAULIC CONTROLS LOCATED AT RIGHT REAR CORNER. THE HYDRAULIC SYSTEM SHALL OPERATE AT 1400 PSI. THE CONTAINER BOX SHALL BE POWERED BY MEANS OF A DOUBLE ACTING HOIST. NTEA RATING OF CLASS 40, 14-TON CAPACITY.	<u>X</u>	<u>   </u>
	<b>RADIANT HEATER:</b> HEAT TUBES LOCATED UNDER THE CONTAINER. INTERIOR HEAT CHAMBER HAS PASSAGEWAYS TO DIRECT HEAT. PASSAGEWAYS SEPARATE FROM HEAT CHAMBER. CHAMBER TOTALLY ENCLOSED INSIDE CONTAINER. BURNER PROPANE FUELED. RATING OF 67,000 BTU EACH @ PRESSURE OF 10 PSI. CONTROLLED BY THERMOSTAT RANGE OF 100° TO 300° F. 12-VOLT ELECTRONIC IGNITERS. 100% FUEL SHUT OFF IF BURNER IS EXTINGUISHED. BURNER AREA FULLY ENCLOSED.	<u>X</u>	<u>   </u>
	<b>HAND TORCH:</b> PILOT WITH VALVE CONTROL CAPACITY OF 200,000 BTU. 25-FOOT HOSE SUPPLIED.	<u>X</u>	<u>   </u>

## ATTACHMENT B – SPECIFICATION CHECK-LIST - continued

<u>BIDDERS SHALL FILL IN THE FOLLOWING:</u>		<u>YES</u>	<u>NO</u>
BODY:	SHOVELING APRON: CONSTRUCTED OF 3/16 HR STEEL. FOLDING BOTTOM FOR MATERIAL TO BYPASS FREELY. MOUNTED ON REAR OF CONTAINER. 1/2 CUBIC YARD CAPACITY. <u>FULLY DETACHABLE.</u>	<u>X</u>	___
	EMULSION SPRAY UNIT: EMULSIFIED ASPHALT SPRAY AND STORAGE SYSTEM MOUNTED ON TRUCK CHASSIS FOR APPLYING TACK COAT. <u>X</u>	___	___
	TANK: TWO SEPARATE TANKS. STORAGE CAPACITY 177 GALLON EMULSION AND 28 GALLON SOLVENT. 10 GAUGE STEEL WITH THE BOTTOM REINFORCED. 6" CURBSIDE FILLER CAP. 4" CLEAN OUT ON CURB SIDE NEAR TANK BOTTOM. TANK SHALL BE VENTED. REMOVABLE FILL BASKET STRAINER. Y STRAINER AT THE DISCHARGE OF TANK BEFORE MATERIAL ENTERS THE PUMP. CAPABLE OF SWITCHING FROM EMULSION TO SOLVENT WITH ONE VALVE LEVER.	<u>X</u>	___
	HEATER: 4 -INCH HEAT TUBE FULL LENGTH OF TANK, LPG FUELED. 150,000 BTU BURNER UTILIZES PATCHER LPG TANK 0°F - 300°F THERMOMETER.	<u>X</u>	___
	AUXILIARY ELECTRIC HEAT: EQUIPPED WITH 110 VAC HEAT SYSTEM. OVERNIGHT HEATING CONTROLLED BY TEMPERATURE SENSOR. HEATING ELEMENTS SHALL BE LOW-DENSITY STAINLESS STEEL.	<u>X</u>	___
	MOUNTING: SPACE REQUIRED FOR MOUNTING OF TANK IS 30 INCHES. SPRAYING SYSTEM SHALL BE MOUNTED IN FRONT OF DUMP BODY. MOUNTING SHALL BE ACCOMPLISHED WITH 2 FULL LENGTH MOUNTS. SPRING BOLSTERS ON ONE SIDE OF TANK. BOLTING TO FRAME SHALL CONSIST OF 3 EACH SIDE, 1/2 INCH. NO WELDING ON TRUCK FRAMES WILL BE ACCEPTED.	<u>X</u>	___
	PUMP: ROTARY GEAR PUMP. OUTPUT OF 10 GALLONS PER MINUTE AT 600 R.P.M. PUMPS SHALL BE HYDRAULIC DRIVEN. ALL VALVES SHALL BE HIGH PRESSURES. IT SHALL BE REMOTE MOUNTED FOR EASE OF MAINTENANCE. MECHANICALLY ACTUATED FROM THE RIGHT REAR OF THE BODY. PUMP SHALL BE REVERSIBLE TO DRAW MATERIAL BACK TO TANK. PUMP SHALL BE DRIVEN BY A TORQUE MOTOR, WHICH HAS 5.9 CID.	<u>X</u>	___
	SPRAY WAND AND HOSE: SYSTEM SHOULD BE PLUMPED TO CURBSIDE REAR OF TRUCK. 3/8 INCH DIAMETER 5 FEET LONG STEEL APPLICATION WAND SHALL BE SUPPLIED. 25 FEET OF 1/2 INCH DIAMETER OIL RESISTANT HOSE. A BRASS CHANGEABLE NOZZLE AT SPRAY TIP. WAND STORAGE BRACKETS.	<u>X</u>	___
	DRIP PAN: 10-GALLON DRIP PAN/WASTE OIL COMBINATION. MOUNTED UNDER PATCHER BODY. NECESSARY VALVES FOR DRAINING AND CLEANING.	<u>X</u>	___

## ATTACHMENT B – SPECIFICATION CHECK-LIST - continued

<u>BIDDERS SHALL FILL IN THE FOLLOWING:</u>		<u>YES</u>	<u>NO</u>
<b>BODY:</b>	TOOL BOX: LOCKABLE, 19"W X 36"L X 19"H. APPROX.	<u>X</u>	___
	TOOL BASKET: ANGLE IRON FRAMED MOUNTED ON LEFT SIDE OF UNIT. 15"W X 96"L X 12"	<u>X</u>	___
	SPOILS BIN: 2 CUBIC YARD, CROSS FRAME SPOILS BIN. CONSTRUCTED OF 10 GA HR STEEL DOORS ON EACH SIDE TO DISCHARGE MATERIAL.	<u>X</u>	___
	SOLVENT PUMP: 12 VDC PUMP CONNECTED TO SOLVENT SIDE OF TANK. 25 FT. HOSE WITH WAND. USED FOR CLEANING TOOLS.	<u>X</u>	___
	ARROW BOARD: (10) LED LIGHT BOARD. ARROW- LEFT, RIGHT OR BOTH. MOUNTED AT REAR OF UNIT. CONTROLS IN CAB.	<u>X</u>	___
	THERMOMETER: 0° - 300°F.	<u>X</u>	___
	FIRE EXTINGUISHER: 10 LBS. EXTERIOR MOUNTED ON PATCH TRUCK BODY.	<u>X</u>	___
	LPG TANK: 50-GALLON HORIZONTAL FRAME MOUNTED TANK.	<u>X</u>	___
	WALK-BEHIND ROLLER TRANSPORT DEVICE – *(DEVICE ONLY) LOCATED AT THE REAR OF THE PATCHING UNIT. (PIMA COUNTY HAS ITS OWN ROLLERS - 2011 BOMAG BW-55E)	<u>X</u>	___
	LED BEACON: LOCATED ON A POST BEHIND THE CAB IN FRONT OF PATCHING UNIT.	<u>X</u>	___
<b>INSPECTION:</b>	AFTER TRUCK IS BUILT, VENDOR SHALL HAVE TRUCK INSPECTED BY STATE OF ARIZONA MOTER VEHICLE DIVISION. INSPECTION SLIP SHALL BE DELIVERED AT THE TIME OF THE TRUCK DELIVERY		

ATTACHMENT C - CERTIFICATION OF STOCKING, SUPPLYING OF PARTS AND SERVICE PROGRAM

CONTRACTOR SHALL CERTIFY THAT THEY ARE THE AUTHORIZED FACTORY REPRESENTATIVE AND GUARANTEE THAT THE EQUIPMENT THEY BID AND FURNISH TO PIMA COUNTY SHALL BE COVERED BY MANUFACTURER'S WARRANTY FOR A ONE (1) YEAR PERIOD UNLIMITED MILES AND HOURS (ENGINE\* HAS A 5 YR./150,000 MILE WARRANTY WITH A MANUFACTURER'S STATED HOURLY WARRANTY AND THE TRANSMISSION HAS A 5 YR./250,000 MILE WARRANTY WITH A MANUFACTURER'S STATED HOURLY WARRANTY. SEE BELOW). CONTRACTOR CERTIFIES THAT THEY DO STOCK AND MAINTAIN A COMPLETE LINE OF FACTORY PARTS AND MAINTAIN A COMPLETE SERVICE PROGRAM FOR THE AFOREMENTIONED EQUIPMENT THAT THEY BID. PLEASE FILL-IN ALL BLANK SPACES.

\* ENGINE WARRANTY TO COVER AT A MINIMUM: ENGINE COMPONENTS, TURBO(s), INJECTORS, WATER PUMP TO INCLUDE SEAL, ENGINE CONTROL MODULE, AND AFTER TREATMENT CONTROL MODULE AND SENSORS OR EQUIVALENT. NO DEDUCTIBLE.

\* ENGINE WARRANTY: 5 YEARS/150,000 MILE WARRANTY WITH A MANUFACTURER'S STATED HOURLY WARRANTY.  
1 HOUR = N/A MILES (PLEASE FILL IN IF APPLICABLE)

TRANSMISSION WARRANTY: 5 YEARS/250,000 MILE WARRANTY WITH A MANUFACTURER'S STATED HOURLY WARRANTY.  
1 HOUR = N/A MILES (PLEASE FILL IN IF APPLICABLE)

NAME OF LOCAL WARRANTY REPAIR AGENCY: Freightliner of Arizona

CLOSEST LOCATION OF PARTS: 5650 E. Travel Plaza Way Tucson, AZ

CONTACT NAME: Josh Lomeli TELEPHONE NUMBER: 520-514-5700

NAME OF LOCAL NON-WARRANTY REPAIR AGENCY: Freightliner of Arizona

CLOSEST LOCATION OF PARTS: SAME

CONTACT NAME: Fred McDole TELEPHONE NUMBER: 520-514-5700

PERCENTAGE DISCOUNT OFF OF PARTS: FLEET-10% HOURLY CHARGE FOR LABOR: \$ 92 /HR



Solicitation #198201

Title: Two (2) New Patch Trucks

ATTACHMENT D - PRICING PAGE

All information must be filled out in order for the response to be evaluated. Do not include sales tax in any prices. Unit price offered shall include all incidental and associated costs (excluding sales tax) required to comply with and satisfy all requirements referred to or included in this solicitation.

<u>ITEM</u>	<u>QTY.</u>	<u>DESCRIPTION</u>	<u>UNIT PRICE</u>	<u>EXTENDED PRICE</u>
1.	2 ea	New Patch Trucks, per specifications as described herein.	\$ <u>169,335.00</u>	\$ <u>338,670.00</u>
			TOTAL: \$ <u>338,670.00</u>	

List the Brand/Model you are bidding: FREIGHTLINER M2 106 Year: 2017

State the estimated delivery time if you receive the above order? 150-180 Days/Weeks ARO (circle one)

Pima County would like to receive these Patch Trucks prior to fiscal year end – June 30, 2016. Based on the estimated delivery time you stated above do you anticipate Pima County being able to receive these Patch Trucks prior to June 30, 2016? Yes X No \_\_\_\_\_ Explain: \_\_\_\_\_

Freightliner (FTL)



### Freightliner Medium Truck

Coverage <sup>1</sup>		
Description	Time <sup>2</sup>	Distance <sup>2</sup>
Basic Vehicle	2 Years	Unlimited
Battery	1 Year	100,000 mi/161 000 km
Brightwork	6 Months	Unlimited
Cab Corrosion/Perforation	5 Years	Unlimited
Cab Structure	5 Years	Unlimited
Corrosion	6 Months	Unlimited
Crossmembers	5 Years	Unlimited
Diesel Emission 2010 <sup>3</sup>	5 Years	100,000 mi/161 000 km
Frame Rails	5 Years	Unlimited
GHG14 <sup>4</sup> (Light Heavy Duty Trucks)	5 Years	50,000 mi/80 500 km
GHG14 <sup>4</sup> (Medium Heavy Duty to Heavy Heavy Duty Trucks)	5 Years	100,000 mi/161 000 km
GHG14 <sup>4</sup> (Medium Heavy Duty to Heavy Heavy Duty Tractors)	5 Years	100,000 mi/161 000 km
GHG14 <sup>4</sup> Tire	2 Years	24,000 mi/38 400 km
Hybrid Transmission – Eaton <sup>5</sup>	3 Years	150,000 mi/240 000 km
Paint	1 Year	100,000 mi/161 000 km
Paint, Chassis	6 Months	Unlimited
Front Axle <sup>6</sup>	2 Years	Unlimited
Rear Axle	2 Years	Unlimited
Transfer Case	2 Years	Unlimited
Transmission <sup>5</sup>	2 Years	Unlimited
Detroit Front Axle <sup>6</sup> (File Direct)		
Post-Model Year 2011 <sup>7</sup>	2 Years	Unlimited
Post-Model Year 2011 <sup>8</sup>	4 Years	Unlimited
Detroit Rear Axle (File Direct)		
Post-Model Year 2011 <sup>7</sup>	2 Years	Unlimited
Post-Model Year 2011 <sup>8</sup>	4 Years	Unlimited
Detroit DT-12 Transmission <sup>5,9</sup> (File Direct)	5 Years	750,000 mi/1 200 000 km

<sup>1</sup>Coverage may vary; check vehicle's actual warranty coverage online via OWL's Coverage Info/Check Coverage screen.

<sup>2</sup>Time or distance, whichever comes first

<sup>3</sup>Applies to vehicles equipped with EPA 2010 compliant diesel engines.

<sup>4</sup>Applies to models 2013 and later domiciled in the United States, check actual warranty online via OWL's Coverage Info/Check Coverage screen for coverage listed as GHG14...".

<sup>5</sup>Customers will have only one (1) type of transmission coverage, depending on how the vehicle is spec'd.

<sup>6</sup>Front axle coverage is also applicable to gliders.

<sup>7</sup>Medium Duty – General Service: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation.

Please see www.ddcsn.com for specific coverage details.

<sup>8</sup>Medium Duty – General Service Plus: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation.

Please see www.ddcsn.com for specific coverage details.

<sup>9</sup>Detroit Transmission: Warranty coverage is determined by Gross Combination Weight Rating, road surface, and vocation. Please see www.ddcsn.com for specific coverage details.

**Warranty Statement & Warranty Coverage Descriptions follow on page two of this document.**

The information provided in this document is for general information only and is not offered as customer's warranty.

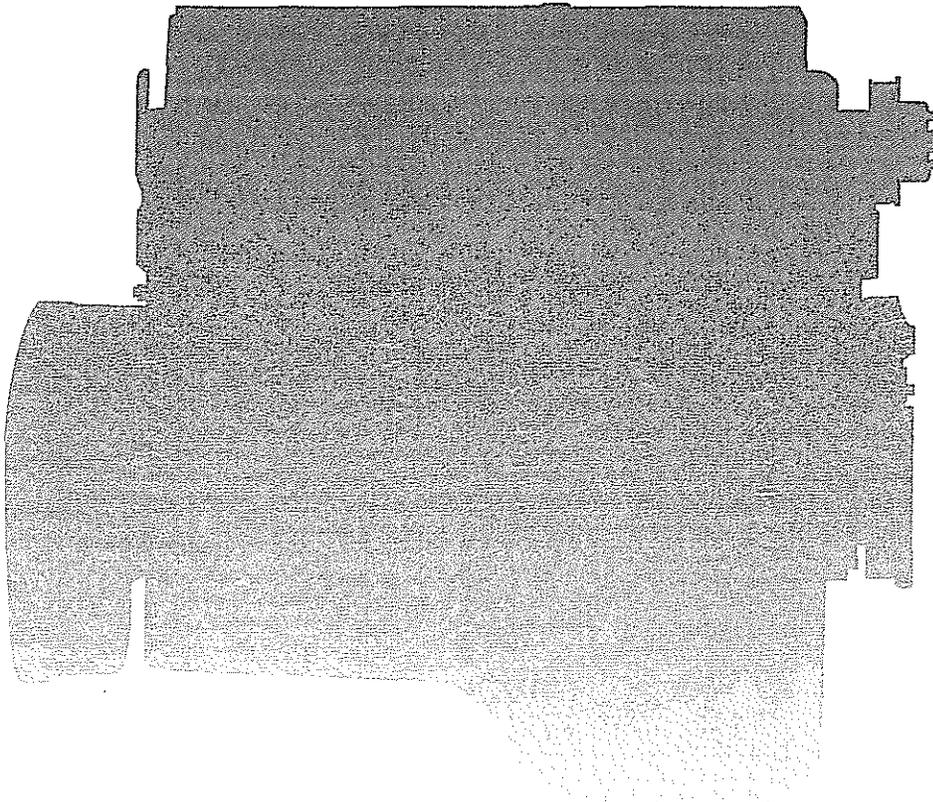
This coverage may be superseded without notification.

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# Cummins Warranty

ISL/ISC Series  
U.S. and Canada Automotive



# Coverage

## Products Warranted

This warranty applies to new ISL and ISC series Engines sold by Cummins Engine Company, Inc., herein after 'Cummins', and delivered to the first user on or after January 1, 2003, that are used in automotive on-highway applications in the United States\* or Canada with three exceptions. Cummins provides different warranty coverage for engines used in fire apparatus truck and crash truck, bus and coach, and recreational vehicle applications.

## Base Engine Warranty

This warranty covers any failures of the Engine which result, under normal use and service, from defects in material or workmanship (Warrantable Failure). This coverage begins with the sale of the engine by Cummins and ends two years or 250,000 miles (402,338 kilometers) or 6,250 hours, whichever occurs first after the date of delivery of the Engine to the first user.

Additional coverage is outlined in the Emission Warranty section.

This warranty is made to all Owners in the chain of distribution and Coverage continues to all subsequent Owners until the end of the periods of Coverage.

# Cummins Responsibilities

Cummins will pay for all parts and labor needed to repair the damage to the Engine resulting from a Warrantable Failure.

Cummins will pay for the lubricating oil, antifreeze, filter elements, belts, hoses, and other maintenance items that are not reusable due to the Warrantable Failure.

Cummins will pay for reasonable labor costs for Engine removal and reinstallation when necessary to repair a Warrantable Failure.

Cummins will pay reasonable costs for towing a vehicle disabled by a Warrantable Failure to the nearest authorized repair station for the first year from the date of delivery of the Engine to the first user or the duration of the warranty, whichever occurs first. In lieu of the towing expense, Cummins will pay reasonable costs for mechanics to travel to and from the location of the vehicle, including meals, mileage, and lodging when the repair is performed at the site of the failure.

# Owner Responsibilities

Owner is responsible for the operation and maintenance of

the Engine as specified in the applicable Cummins Operation and Maintenance Manual and/or Owner's Manuals. Owner is also responsible for providing proof that all recommended maintenance has been performed.

Before the expiration of the applicable warranty, Owner must notify a Cummins distributor, authorized dealer or other repair location approved by Cummins of any Warrantable Failure and make the engine available for repair by such facility. Except for Engines disabled by Warrantable Failures during the first year or the duration of the warranty, whichever occurs first, Owner must deliver the Engine to the repair facility. Locations in the United States and Canada are listed in the Cummins United States and Canada Sales and Service Directory.

Owner is responsible for the cost of lubricating oil, antifreeze, filter elements and other maintenance items provided during warranty repairs unless such items are not reusable due to the Warrantable Failure.

Owner is responsible for communication expenses, meals, lodging and similar costs incurred as a result of a Warrantable Failure.

Owner is responsible for non-Engine repairs and for "downtime" expenses, cargo damage, fines, all applicable taxes, all business costs and other losses resulting from a Warrantable Failure.

# Limitations

Cummins is not responsible for failures or damage resulting from what Cummins determines to be abuse or neglect, including, but not limited to: operation without adequate coolants or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, cooling or intake systems; improper storage, starting, warm-up, run-in or shutdown practices; unauthorized modifications of the Engine. Cummins is also not responsible for failures caused by incorrect oil or fuel or by water, dirt or other contaminants in the fuel or oil.

This warranty does not apply to accessories supplied by Cummins which bear the name of another company. This category includes, but is not limited to: alternators, starters, fans, air conditioning compressors, clutches, filters, transmissions, torque converters, vacuum pumps, power steering pumps, engine exhaust brakes, non-Cummins fan drives and air compressors.

Failures resulting in excessive oil consumption are covered for the duration of the coverage or 250,000 miles (402,338 kilometers) or 6,250 hours from the date of delivery of the Engine to the first user, whichever of the three occurs first. Before a claim for excessive oil consumption will be considered, Owner must submit adequate documentation to show that consumption exceeds Cummins published standards.

Failures of belts and hoses supplied by Cummins are covered for the first year from the date of delivery of the Engine to the first user or the duration of the warranty, whichever occurs first.

Parts used to repair a Warrantable Failure may be new

Cummins parts, Cummins approved rebuilt parts, or repaired parts. Cummins is not responsible for failures resulting from the use of parts not approved by Cummins.

A new Cummins or Cummins approved rebuilt part used to repair a Warrantable Failure assumes the identity of the part it replaced and is entitled to the remaining coverage hereunder.

**CUMMINS DOES NOT COVER WEAR OR WEAROUT OF COVERED PARTS.**

**CUMMINS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

**CUMMINS RESERVES THE RIGHT TO INTERROGATE ELECTRONIC CONTROL MODULE (ECM) DATA FOR PURPOSES OF FAILURE ANALYSIS.**

**THIS WARRANTY AND THE EMISSION WARRANTY SET FORTH HEREINAFTER ARE THE SOLE WARRANTIES MADE BY CUMMINS IN REGARD TO THESE ENGINES. CUMMINS MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OR OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

# Emission Warranty

## Products Warranted

This emission warranty applies to new ISC and ISL series Engines marketed by Cummins that are used in the United States\* in vehicles designed for transporting persons or property on a street or highway. This warranty applies to Engines delivered to the ultimate purchaser on or after March 1, 1998.

## Coverage

Cummins warrants to the ultimate purchaser and each subsequent purchaser that the Engine is designed, built and equipped so as to conform at the time of sale by Cummins with all U.S. Federal emission regulations applicable at the time of manufacture and that it is free from defects in workmanship or material which would cause it not to meet these regulations within the longer of the following periods: (A) Five years or 100,000 miles (160,935 kilometers) of operation, whichever occurs first, as measured from the date of delivery of the Engine to the ultimate purchaser, or (B) The Base Engine Warranty.

If the vehicle in which the Engine is installed is registered in the state of California, a separate California Emission Warranty also applies.

## Limitations

Failures, other than those resulting from defects in materials or workmanship, are not covered by this warranty.

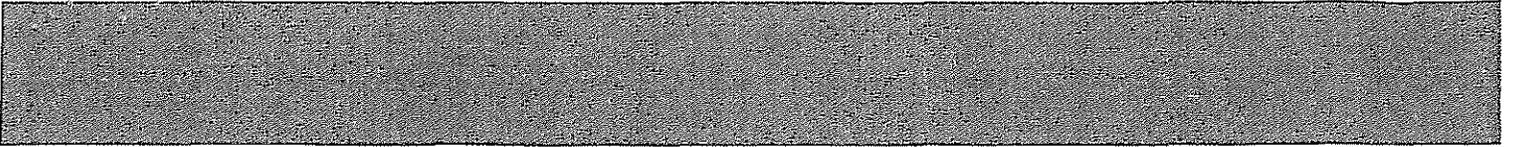
Cummins is not responsible for failures or damage resulting from what Cummins determines to be abuse or neglect,

including, but not limited to: operation without adequate coolants or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, cooling or intake systems; improper storage, starting, warm-up, run-in or shutdown practices; unauthorized modifications of the Engine. Cummins is also not responsible for failures caused by incorrect oil or fuel or by water, dirt or other contaminants in the fuel or oil.

Cummins is not responsible for non-Engine repairs, "downtime" expenses, cargo damage, fines, all applicable taxes, all business costs or other losses resulting from a Warrantable Failure.

**CUMMINS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

\* United States includes American Samoa, the Commonwealth of Northern Mariana Islands, Guam, Puerto Rico, and the U.S. Virgin Islands.



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Bulletin 33813#2  
Printed in U.S.A. Rev. 06/03  
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# Terms and Conditions for Allison Transmission Coverage

## Effective Dates

Transmission coverage effective dates as shown below are based upon individual agreements entered into between the OEM and Allison.

Navistar	Vehicles built on or after April 11, 2011.
Hino	Vehicles built on or after December 15, 2010.
American LaFrance	Vehicles built on or after January 1, 2012.

All other OEMs referenced on the cover of this guide are eligible to receive Partnership Coverage and Extended Transmission Coverage, so long as they meet the Extended Transmission Coverage requirements listed below.

NOTE: Stated prices are effective for Extended Transmission Coverage purchased in 2015.

## Transmission Coverage Definitions And Requirements

### Standard Limited Warranty

All Allison transmissions carry a comprehensive Standard Limited Warranty covering 100% parts and labor. The length of Standard Limited Warranty coverage depends upon the Vocational Model Series and vehicle vocation.

**REQUIREMENTS:** Use of Allison Approved TES 295<sup>®</sup> transmission fluid\*\* and Genuine Allison Filters is required to be eligible for Partnership Transmission Coverage and Extended Transmission Coverage. Failure to use Allison Approved TES 295<sup>®</sup> transmission fluid and Genuine Allison Filters during the Standard Limited Warranty coverage period will result in no additional coverage options beyond Standard Limited Warranty.

### Partnership Coverage

Some Allison-equipped vehicles purchased through Allison Partnerships carry Partnership Coverage. Partnership Coverage begins at the end of the Standard Limited Warranty period. Duration of Partnership Coverage varies depending upon the Vocational Model Series purchased.

**REQUIREMENTS:** Use of Allison Approved TES 295<sup>®</sup> transmission fluid and Genuine Allison Filters is required. Failure to use Allison Approved TES 295<sup>®</sup> transmission fluid and Genuine Allison Filters will result in no coverage for repairs beyond Standard Limited Warranty.

**NOTE:** Except as noted, all transmissions with Partnership Coverage beyond Standard Limited Warranty have 100% parts and labor coverage with no mileage limitations.

### Extended Transmission Coverage\*\*\*

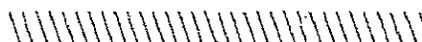
In addition to Partnership Coverage, transmissions purchased through Allison Partnerships are eligible for Extended Transmission Coverage. Extended Transmission Coverage can be purchased on all models to increase coverage to a total of five years. Extended Transmission Coverage can be purchased on Highway Series, P&D/Beverage, to increase coverage to a total of seven years. Extended Transmission Coverage begins at the end of Partnership Coverage and is available for purchase through Allison Authorized Distributors and Dealers.

**REQUIREMENTS:** Use of Allison Approved TES 295<sup>®</sup> transmission fluid\*\* and Genuine Allison Filters is required. Failure to use Allison Approved TES 295<sup>®</sup> transmission fluid and Genuine Allison Filters will result in no coverage for repair beyond the Standard Limited Warranty period. If the transmission is not OEM factory filled with Allison Approved TES 295<sup>®</sup> transmission fluid and Genuine Allison Filters, then Allison Approved TES 295<sup>®</sup> transmission fluid and Genuine Allison Filters must be installed at the time of Extended Transmission Coverage purchase. Transmissions not OEM factory filled with Allison Approved TES 295<sup>®</sup> transmission fluid, or transmissions operating with non-TES 295<sup>®</sup> fluids, must be drained and filled with Allison Approved TES 295<sup>®</sup> transmission fluid to achieve 100% concentration. One hundred percent concentration is not achieved until the second consecutive fluid change using Allison Approved TES 295<sup>®</sup> transmission fluid. The second consecutive change must be achieved at the time of Extended Transmission Coverage purchase.

\* Suggested retail prices are established for each transmission vocational model/vocation combination. Prices and/or coverage are subject to change without notice. For current prices and coverage information, go to [allisontransmission.com](http://allisontransmission.com).

\*\* For a list of current Allison Approved TES 295<sup>®</sup> transmission fluids, go to: [allisontransmission.com](http://allisontransmission.com); click on Parts + Service, then Approved Fluids.

\*\*\* The terms and conditions under which Allison Transmission offers Extended Transmission Coverage are set forth on the back of the Extended Transmission Coverage Agreement Registration, available from any authorized Allison Transmission Distributor or Dealer.





# TOWING AND ROADSIDE ASSISTANCE EXTENDED COVERAGE

## **NOTES:**

Includes: max payment as displayed, per occurrence, for towing and/or roadside assistance for a defect in material and workmanship of a component that prevents the safe and lawful operation of the vehicle.

If towing is associated with a DTNA warrantable failure, towing charges must be on the same claim. Reimbursement of .5 hour (prt 939-6020a) to reinstall drivelines if tow company has removed, but not reinstalled, the driveline and the vehicle has and is within the tow coverage.

Includes engine/transmission failures. If supplier declines towing coverage and failure is not fault of customer, list supplier claim in claim comments.

## **WHAT IS TOWING AND ROADSIDE ASSISTANCE EXTENDED COVERAGE?**

Towing and Roadside Assistance Extended Coverage covers \$550 per occurrence for towing or roadside assistance for a defect in material and workmanship of a component that prevents the safe and lawful operation of the vehicle. If towing is associated with a DTNA warrantable failure, towing charges must be filed on the same claim.

### **Towing and Roadside Assistance Extended Coverage Inclusions:**

Coverage includes roadside assistance or towing (to the nearest authorized repair location) for a Daimler Trucks North America LLC warrantable repair in a vehicle-down situation that prevents the safe and lawful operation of the vehicle.

Prepared for:  
 Bob Charleton  
 Pima County  
 1291 S Mission Road  
 Tucson, AZ 85713  
 Phone: 520-724-2614

Prepared by:  
 Cory Thompson  
 FREIGHTLINER OF ARIZONA  
 9899 W ROOSEVELT STREET  
 TOLLESON, AZ 85353

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

Description	Weight Front	Weight Rear
<b>Price Level</b>		
M2 PRL-14M (EFF:10/05/15)		
<b>Data Version</b>		
SPECPRO21 DATA RELEASE VER 007		
<b>Vehicle Configuration</b>		
M2 106 CONVENTIONAL CHASSIS	5,759	3,503
2016 MODEL YEAR SPECIFIED		
SET BACK AXLE - TRUCK		
TRAILER TOWING PROVISION AT END OF FRAME FOR TRUCK	10	10
LH PRIMARY STEERING LOCATION		
<b>General Service</b>		
TRUCK/TRAILER CONFIGURATION		
DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		
UTILITY/REPAIR/MAINTENANCE SERVICE		
GOVERNMENT BUSINESS SEGMENT		
FIXED LOAD COMMODITY		
TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
MAXIMUM 8% EXPECTED GRADE		
SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES) ROAD SURFACE		
MEDIUM TRUCK WARRANTY		
EXPECTED FRONT AXLE(S) LOAD : 12000.0 lbs		
EXPECTED REAR DRIVE AXLE(S) LOAD : 23000.0 lbs		
EXPECTED PUSHER AXLE(S) LOAD : 0.0 lbs		
EXPECTED TAG AXLE(S) LOAD : 0.0 lbs		



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 9899 W ROOSEVELT STREET  
 TOLLESON, AZ 85353

Description	Weight Front	Weight Rear
EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 35000.0 lbs		
EXPECTED GROSS COMBINATION WEIGHT : 80000.0 lbs		
<b>Truck Service</b>		
TANK BODY		
EXPECTED BODY/PAYLOAD CG HEIGHT ABOVE FRAME "XX" INCHES : 32.0 in		
<b>Tractor Service</b>		
FLATBED TRAILER		
SINGLE (1) TRAILER		
<b>Engine</b>		
CUM ISL 300 HP @ 2000 RPM, 2200 GOV RPM, 860 LB/FT @ 1300 RPM	640	30
<b>Electronic Parameters</b>		
75 MPH ROAD SPEED LIMIT		
CRUISE CONTROL SPEED LIMIT SAME AS ROAD SPEED LIMIT		
PTO MODE ENGINE RPM LIMIT - 1100 RPM		
PTO MODE BRAKE OVERRIDE - SERVICE BRAKE APPLIED		
PTO RPM WITH CRUISE SET SWITCH - 700 RPM		
PTO RPM WITH CRUISE RESUME SWITCH - 800 RPM		
PTO MODE CANCEL VEHICLE SPEED - 5 MPH		
PTO GOVERNOR RAMP RATE - 250 RPM PER SECOND		
PTO MINIMUM RPM - 700		
REGEN INHIBIT SPEED THRESHOLD - 5 MPH		
<b>Engine Equipment</b>		
2015 ONBOARD DIAGNOSTICS/2010 EPA/CARB/GHG14		
2008 CARB EMISSION CERTIFICATION - CLEAN IDLE (INCLUDES 6X4 INCH LABEL ON LOWER FORWARD CORNER OF DRIVER DOOR)		
STANDARD OIL PAN		
ENGINE MOUNTED OIL CHECK AND FILL		
ONE PIECE VALVE COVER		
SIDE OF HOOD AIR INTAKE WITH DONALDSON HIGH CAPACITY AIR CLEANER WITH SAFETY ELEMENT, FIREWALL MOUNTED		



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Description	Weight Front	Weight Rear
DR 12V 160 AMP 28-SI QUADRAMOUNT PAD ALTERNATOR WITH REMOTE BATTERY VOLT SENSE		
(2) ALLIANCE MODEL 1131, GROUP 31, 12 VOLT MAINTENANCE FREE 1900 CCA THREADED STUD BATTERIES, NON FCCC ONLY		
BATTERY BOX WITH ALUMINUM COVER MOUNTED SHORT SIDE TO RAIL		
STANDARD BATTERY JUMPERS		
SINGLE BATTERY BOX FRAME MOUNTED LH SIDE BACK OF CAB		
WIRE GROUND RETURN FOR BATTERY CABLES WITH ADDITIONAL FRAME GROUND RETURN		
NON-POLISHED BATTERY BOX COVER		
POSITIVE AND NEGATIVE POSTS FOR JUMPSTART LOCATED ON FRAME NEXT TO STARTER	2	
CUMMINS TURBOCHARGED 18.7 CFM AIR COMPRESSOR WITH INTERNAL SAFETY VALVE		
STANDARD MECHANICAL AIR COMPRESSOR GOVERNOR		
AIR COMPRESSOR DISCHARGE LINE		
ELECTRONIC ENGINE INTEGRAL SHUTDOWN PROTECTION SYSTEM		
C-BRAKE BY JACOBS WITH LOW/OFF/HIGH BRAKING DASH SWITCH	80	
RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE	30	25
ENGINE AFTERTREATMENT DEVICE, AUTOMATIC OVER THE ROAD REGENERATION AND DASH MOUNTED REGENERATION REQUEST SWITCH		
10 FOOT 00 INCH (120 INCH+0/-5.9 INCH) EXHAUST SYSTEM HEIGHT		
RH CURVED VERTICAL TAILPIPE B-PILLAR MOUNTED ROUTED FROM STEP		
6 GALLON DIESEL EXHAUST FLUID TANK		
100 PERCENT DIESEL EXHAUST FLUID FILL		
LH MEDIUM DUTY STANDARD DIESEL EXHAUST FLUID TANK LOCATION		
STANDARD DIESEL EXHAUST FLUID PUMP MOUNTING		
STANDARD DIESEL EXHAUST FLUID TANK CAP		
ALUMINUM AFTERTREATMENT DEVICE/MUFFLER/TAILPIPE SHIELD(S)		



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Description	Weight Front	Weight Rear
HORTON DRIVEMASTER ON/OFF FAN DRIVE		
AUTOMATIC FAN CONTROL WITHOUT DASH SWITCH, NON ENGINE MOUNTED		
CUMMINS SPIN ON FUEL FILTER		
COMBINATION FULL FLOW/BYPASS OIL FILTER		
1100 SQUARE INCH ALUMINUM RADIATOR	20	
ANTIFREEZE TO -34F, ETHYLENE GLYCOL PRE-CHARGED SCA HEAVY DUTY COOLANT		
GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
CONSTANT TENSION HOSE CLAMPS FOR COOLANT HOSES		
RADIATOR DRAIN VALVE		
LOWER RADIATOR GUARD		
ALUMINUM FLYWHEEL HOUSING		
ELECTRIC GRID AIR INTAKE WARMER		
DELCO 12V 39MT HD/OCP STARTER WITH THERMAL PROTECTION AND INTEGRATED MAGNETIC SWITCH	15	

**Transmission**

ALLISON 3000 RDS AUTOMATIC TRANSMISSION WITH PTO PROVISION	200	60
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**Transmission Equipment**

ALLISON VOCATIONAL PACKAGE 145 - AVAILABLE ON 3000/4000 PRODUCT FAMILIES WITH VOCATIONAL MODEL RDS

ALLISON VOCATIONAL RATING FOR ON/OFF HIGHWAY APPLICATIONS AVAILABLE WITH ALL PRODUCT FAMILIES

PRIMARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY

SECONDARY MODE GEARS, LOWEST GEAR 1, START GEAR 1, HIGHEST GEAR 6, AVAILABLE FOR 3000/4000 PRODUCT FAMILIES ONLY

NEUTRAL AT STOP - DISABLED, FUELSense - DISABLED

CUSTOMER INSTALLED CHELSEA 277 SERIES PTO

PTO MOUNTING, LH SIDE OF MAIN TRANSMISSION

MAGNETIC PLUGS, ENGINE DRAIN, TRANSMISSION DRAIN, AXLE(S) FILL AND DRAIN



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Description	Weight Front	Weight Rear
PUSH BUTTON ELECTRONIC SHIFT CONTROL, DASH MOUNTED		
TRANSMISSION PROGNOSTICS - ENABLED 2013		
WATER TO OIL TRANSMISSION COOLER, IN RADIATOR END TANK		
TRANSMISSION OIL CHECK AND FILL WITH ELECTRONIC OIL LEVEL CHECK		
SYNTHETIC TRANSMISSION FLUID (TES-295 COMPLIANT)		
<b>Front Axle and Equipment</b>		
DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE		
MERITOR 15X4 Q+ CAM FRONT BRAKES		
NON-ASBESTOS FRONT BRAKE LINING		
CONMET CAST IRON FRONT BRAKE DRUMS		
SKF SCOTSEAL PLUS XL FRONT OIL SEALS		
VENTED FRONT HUB CAPS WITH WINDOW, CENTER AND SIDE PLUGS - OIL		
STANDARD SPINDLE NUTS FOR ALL AXLES		
MERITOR AUTOMATIC FRONT SLACK ADJUSTERS		
TRW THP-60 POWER STEERING		
POWER STEERING PUMP		
2 QUART SEE THROUGH POWER STEERING RESERVOIR		
ORGANIC SAE 80/90 FRONT AXLE LUBE		
<b>Front Suspension</b>		
12,000# DUAL TAPERLEAF FRONT SUSPENSION	42	
MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
FRONT SHOCK ABSORBERS	30	
<b>Rear Axle and Equipment</b>		
RS-23-160 23,000# R-SERIES SINGLE REAR AXLE		180
5.38 REAR AXLE RATIO		
IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
MXL 17T MERITOR EXTENDED LUBE MAIN DRIVELINE WITH HALF ROUND YOKES		
MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES		
NON-ASBESTOS REAR BRAKE LINING		



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Description	Weight Front	Weight Rear
BRAKE CAMS AND CHAMBERS ON FORWARD SIDE OF DRIVE AXLE(S)		
CONMET CAST IRON REAR BRAKE DRUMS		
SKF SCOTSEAL PLUS XL REAR OIL SEALS		
HALDEX GOLDSEAL LONGSTROKE 1-DRIVE AXLE SPRING PARKING CHAMBERS		
MERITOR AUTOMATIC REAR SLACK ADJUSTERS		
ORGANIC SAE 80/90 REAR AXLE LUBE		
<b>Rear Suspension</b>		
23,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER		110
SPRING SUSPENSION - NO AXLE SPACERS		
STANDARD AXLE SEATS IN AXLE CLAMP GROUP		
REAR SHOCK ABSORBERS - ONE AXLE		40
<b>Brake System</b>		
AIR BRAKE PACKAGE		
WABCO 4S/4M ABS WITHOUT TRACTION CONTROL		
REINFORCED NYLON, FABRIC BRAID AND WIRE BRAID CHASSIS AIR LINES		
FIBER BRAID PARKING BRAKE HOSE		
STANDARD BRAKE SYSTEM VALVES		
STANDARD AIR SYSTEM PRESSURE PROTECTION SYSTEM		
STD U.S. FRONT BRAKE VALVE		
RELAY VALVE WITH 5-8 PSI CRACK PRESSURE, NO REAR PROPORTIONING VALVE		
BW AD-9 BRAKE LINE AIR DRYER WITH HEATER	20	
AIR DRYER FRAME MOUNTED		
STEEL AIR BRAKE RESERVOIRS		
BW DV-2 AUTO DRAIN VALVE WITHOUT HEATER - WET TANK		
<b>Trailer Connections</b>		
AIR CONNECTIONS TO END OF FRAME WITH GLAD HANDS FOR TRUCK AND NO DUST COVERS		
PRIMARY CONNECTOR/RECEPTACLE WIRED FOR SEPARATE STOP/TURN, ABS CENTER PIN POWERED THROUGH IGNITION		



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Description	Weight Front	Weight Rear
SAE J560 7-WAY PRIMARY TRAILER CABLE RECEPTACLE MOUNTED END OF FRAME		
UPGRADED CHASSIS MULTIPLEXING UNIT		
UPGRADED BULKHEAD MULTIPLEXING UNIT		
<b>Wheelbase &amp; Frame</b>		
4975MM (196 INCH) WHEELBASE		
11/32X3-1/2X10-15/16 INCH STEEL FRAME (8.73MMX277.8/0.344X10.94 INCH) 80KSI	120	120
1925MM (76 INCH) REAR FRAME OVERHANG		
FRAME OVERHANG RANGE: 71 INCH TO 80 INCH	-20	90
CALC'D BACK OF CAB TO REAR SUSP C/L (CA) : 130.45 in		
CALCULATED EFFECTIVE BACK OF CAB TO REAR SUSPENSION C/L (CA) : 127.45 in		
CALC'D FRAME LENGTH - OVERALL : 301.39		
CALC'D SPACE AVAILABLE FOR DECKPLATE : 130.45 in		
CALCULATED FRAME SPACE LH SIDE : 100.93 in		
CALCULATED FRAME SPACE RH SIDE : 134.31 in		
SQUARE END OF FRAME		
FRONT CLOSING CROSSMEMBER		
STANDARD WEIGHT ENGINE CROSSMEMBER		
STANDARD MIDSHIP #1 CROSSMEMBER(S)		
STANDARD REARMOST CROSSMEMBER		
STANDARD SUSPENSION CROSSMEMBER		
<b>Chassis Equipment</b>		
THREE-PIECE 14 INCH PAINTED STEEL BUMPER WITH COLLAPSIBLE ENDS	30	
FRONT TOW HOOKS - FRAME MOUNTED	15	
BUMPER MOUNTING FOR SINGLE LICENSE PLATE		
FENDER AND FRONT OF HOOD MOUNTED FRONT MUDFLAPS		
GRADE 8 THREADED HEX HEADED FRAME FASTENERS		
<b>Fuel Tanks</b>		
60 GALLON/227 LITER ALUMINUM FUEL TANK - LH	20	5
23 INCH DIAMETER FUEL TANK(S)		



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Description	Weight Front	Weight Rear
PLAIN ALUMINUM/PAINTED STEEL FUEL/HYDRAULIC TANK(S) WITH PAINTED BANDS FUEL TANK(S) FORWARD PLAIN STEP FINISH FUEL TANK CAP(S) ALLIANCE FUEL FILTER/WATER SEPARATOR EQUIFLO INBOARD FUEL SYSTEM HIGH TEMPERATURE REINFORCED NYLON FUEL LINE		
<b>Tires</b>		
GOODYEAR G661 HSA 11R22.5 14 PLY RADIAL FRONT TIRES (MATCH MARKED)	26	
GOODYEAR G399A LHS FUEL MAX 11R22.5 14 PLY RADIAL REAR TIRES		20
<b>Hubs</b>		
CONMET PRESET PLUS IRON FRONT HUBS CONMET PRESET PLUS IRON REAR HUBS		
<b>Wheels</b>		
MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 2-HAND STEEL DISC REAR WHEELS FRONT WHEEL MOUNTING NUTS REAR WHEEL MOUNTING NUTS		
<b>Cab Exterior</b>		
106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB AIR CAB MOUNTS NONREMOVABLE BUGSCREEN MOUNTED BEHIND GRILLE LH AND RH GRAB HANDLES PAINTED PLASTIC GRILLE ARGENT SILVER HOOD MOUNTED AIR INTAKE GRILLE FIBERGLASS HOOD SINGLE 14 INCH ROUND POLISHED AIR HORN ROOF MOUNTED SINGLE ELECTRIC HORN SINGLE HORN SHIELD	4	



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Description	Weight Front	Weight Rear
DOOR LOCKS AND IGNITION SWITCH KEYED THE SAME WITH (4) KEYS REAR LICENSE PLATE MOUNT END OF FRAME INTEGRAL HEADLIGHT/MARKER ASSEMBLY (5) AMBER MARKER LIGHTS INTEGRAL STOP/TAIL/BACKUP LIGHTS STANDARD FRONT TURN SIGNAL LAMPS DUAL WEST COAST MOLDED-IN COLOR MIRRORS DOOR MOUNTED MIRRORS 102 INCH EQUIPMENT WIDTH LH AND RH 8 INCH MOLDED-IN COLOR CONVEX MIRRORS MOUNTED UNDER PRIMARY MIRRORS STANDARD SIDE/REAR REFLECTORS 63X14 INCH TINTED REAR WINDOW TINTED DOOR GLASS LH AND RH WITH TINTED NON-OPERATING WING WINDOWS MANUAL DOOR WINDOW REGULATORS TINTED WINDSHIELD 2 GALLON WINDSHIELD WASHER RESERVOIR WITHOUT FLUID LEVEL INDICATOR, FRAME MOUNTED		
<b>Cab Interior</b>		
OPAL GRAY VINYL INTERIOR MOLDED PLASTIC DOOR PANEL MOLDED PLASTIC DOOR PANEL BLACK MATS WITH SINGLE INSULATION FORWARD ROOF MOUNTED CONSOLE WITH UPPER STORAGE COMPARTMENTS WITHOUT NETTING IN DASH STORAGE BIN DIGITAL FLUSH MOUNTED ALARM CLOCK IN DASH (2) CUP HOLDERS LH AND RH DASH GRAY/CHARCOAL FLAT DASH 5 LB. FIRE EXTINGUISHER HEATER, DEFROSTER AND AIR CONDITIONER STANDARD HVAC DUCTING MAIN HVAC CONTROLS WITH RECIRCULATION SWITCH STANDARD HEATER PLUMBING	10	



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Description	Weight Front	Weight Rear
DENSO HEAVY DUTY AIR CONDITIONER COMPRESSOR		
BINARY CONTROL, R-134A		
STANDARD INSULATION		
SOLID-STATE CIRCUIT PROTECTION AND FUSES		
12V NEGATIVE GROUND ELECTRICAL SYSTEM		
DOME LIGHT WITH 3-WAY SWITCH ACTIVATED BY LH AND RH DOORS		
CAB DOOR LATCHES WITH MANUAL DOOR LOCKS		
(2) 12 VOLT POWER RECEPTACLES MOUNTED IN DASH		
TRIANGULAR REFLECTORS KIT WITHOUT FLARES SHIPPED LOOSE IN CAB	10	
PREMIUM HIGH BACK AIR SUSPENSION DRIVER SEAT WITH 3 CHAMBER AIR LUMBAR, INTEGRATED CUSHION EXTENSION, FORWARD AND REAR CUSHION TILT, ADJUSTABLE SHOCK ABSORBER	70	
BASIC HIGH BACK NON SUSPENSION PASSENGER SEAT		
LH AND RH INTEGRAL DOOR PANEL ARMRESTS		
VINYL WITH CLOTH INSERT DRIVER SEAT		
VINYL WITH CLOTH INSERT PASSENGER SEAT		
3 POINT FIXED D-RING RETRACTOR DRIVER AND PASSENGER SEAT BELTS		
ADJUSTABLE TILT AND TELESCOPING STEERING COLUMN	10	
20 INCH (500MM) STEERING WHEEL		
DRIVER AND PASSENGER INTERIOR SUN VISORS		

**Instruments & Controls**

GRAY DRIVER INSTRUMENT PANEL		
GRAY CENTER INSTRUMENT PANEL		
BLACK GAUGE BEZELS		
LOW AIR PRESSURE INDICATOR LIGHT AND AUDIBLE ALARM		
2 INCH PRIMARY AND SECONDARY AIR PRESSURE GAUGES		
INTAKE MOUNTED AIR RESTRICTION INDICATOR WITHOUT GRADUATIONS		
97 DB BACKUP ALARM		3



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Description	Weight Front	Weight Rear
ELECTRONIC CRUISE CONTROL WITH SWITCHES IN LH SWITCH PANEL		
KEY OPERATED IGNITION SWITCH AND INTEGRAL START POSITION; 4 POSITION OFF/RUN/START/ACCESSORY		
ICU3S, 132X48 DISPLAY WITH DIAGNOSTICS, 28 LED WARNING LAMPS AND DATA LINKED		
DIAGNOSTIC INTERFACE CONNECTOR, 9 PIN, SAE J1939, LOCATED BELOW DASH		
2 INCH ELECTRIC FUEL GAUGE		
PROGRAMMABLE RPM CONTROL - ELECTRONIC ENGINE		
ELECTRICAL ENGINE COOLANT TEMPERATURE GAUGE		
TRANSMISSION OIL TEMPERATURE INDICATOR LIGHT		
ENGINE AND TRIP HOUR METERS INTEGRAL WITHIN DRIVER DISPLAY		
CUSTOMER FURNISHED AND INSTALLED PTO CONTROLS		
NO LANE DEPARTURE WARNING SYSTEM		
ELECTRIC ENGINE OIL PRESSURE GAUGE		
AM/FM RADIO WITH FRONT AND REAR AUXILIARY INPUTS AND J1939	10	
DASH MOUNTED RADIO		
(2) RADIO SPEAKERS IN CAB		
AM/FM ANTENNA MOUNTED ON FORWARD LH ROOF	2	
ELECTRONIC MPH SPEEDOMETER WITH SECONDARY KPH SCALE, WITHOUT ODOMETER		
STANDARD VEHICLE SPEED SENSOR		
ELECTRONIC 3000 RPM TACHOMETER		
IDLE LIMITER, ELECTRONIC ENGINE		
BW TRACTOR PROTECTION VALVE		
TRAILER HAND CONTROL BRAKE VALVE		
DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
SINGLE ELECTRIC WINDSHIELD WIPER MOTOR WITH DELAY		
MARKER LIGHT SWITCH INTEGRAL WITH HEADLIGHT SWITCH		
TWO VALVE PARKING BRAKE SYSTEM WITH WARNING INDICATOR		



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Description	Weight Front	Weight Rear
SELF CANCELING TURN SIGNAL SWITCH WITH DIMMER, WASHER/WIPER AND HAZARD IN HANDLE		
INTEGRAL ELECTRONIC TURN SIGNAL FLASHER WITH HAZARD LAMPS OVERRIDING STOP LAMPS		
NO MISCELLANEOUS GAUGES		

**Design**

PAINT: ONE SOLID COLOR

**Color**

CAB COLOR A: L0006EB WHITE ELITE BC  
 BLACK, HIGH SOLIDS POLYURETHANE CHASSIS PAINT  
 NO FUEL TANK CABINET PAINT  
 POWDER WHITE (N0006EA) FRONT WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)  
 POWDER WHITE (N0006EA) REAR WHEELS/RIMS (PKWHT21, TKWHT21, W, TW)  
 BUMPER PAINT: FP24812 ARGENT SILVER DUPONT FLEX

**Certification / Compliance**

U.S. FMVSS CERTIFICATION, EXCEPT SALES CABS AND GLIDER KITS

**T O T A L V E H I C L E S U M M A R Y**

**Weight Summary**

	Weight Front	Weight Rear	Total Weight
Factory Weight <sup>+</sup>	7155 lbs	4196 lbs	11351 lbs
Dealer Installed Options	0 lbs	0 lbs	0 lbs
<b>Total Weight<sup>+</sup></b>	<b>7155 lbs</b>	<b>4196 lbs</b>	<b>11351 lbs</b>

**Extended Warranty**

EPA 2013 CUMMINS ISL ENGINE EXTENDED WARRANTY DC1, 5 YEARS/150,000 MILES/240 000 KM FEX

ALLISON 2500/3000 RDS SERIES TRANSMISSION EXTENDED WARRANTY, 5 YEARS/UNLIMITED MILES FEX



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TOWING: 1 YEAR/UNLIMITED MILES/KM EXTENDED TOWING  
COVERAGE \$550 CAP

### Dealer Installed Options

	Weight Front	Weight Rear
PB LOADER B-5	0	0
Total Dealer Installed Options	0 lbs	0 lbs

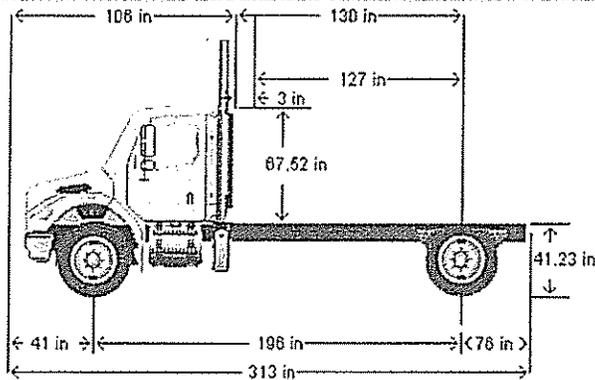
(+) Weights shown are estimates only.  
If weight is critical, contact Customer Application Engineering.



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**D I M E N S I O N S**



**VEHICLE SPECIFICATIONS SUMMARY - DIMENSIONS**

Model.....	M2106
Wheelbase (545) .....	4975MM (196 INCH) WHEELBASE
Rear Frame Overhang (552).....	1925MM (76 INCH) REAR FRAME OVERHANG
Fifth Wheel (578) .....	NO FIFTH WHEEL
Mounting Location (577).....	NO FIFTH WHEEL LOCATION
Maximum Forward Position (in).....	0
Maximum Rearward Position (in) .....	0
Amount of Slide Travel (in).....	0
Slide Increment (in).....	0
Desired Slide Position (in).....	0.0
Cab Size (829).....	106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB
Sleeper (682).....	NO SLEEPER BOX/SLEEPERCAB
Exhaust System (016).....	RH OUTBOARD UNDER STEP MOUNTED HORIZONTAL AFTERTREATMENT SYSTEM ASSEMBLY WITH RH B-PILLAR MOUNTED VERTICAL TAILPIPE

**TABLE SUMMARY - DIMENSIONS**



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Dimensions	Inches
Bumper to Back of Cab (BBC)	106.3
Bumper to Centerline of Front Axle (BA)	40.7
Min. Cab to Body Clearance (CB)	3.0
Back of Cab to Centerline of Rear Axle(s) (CA)	130.4
Effective Back of Cab to Centerline of Rear Axle(s) (Effective CA)	127.4
Back of Cab Protrusions (Exhaust/Intake) (CP)	1.5
Back of Cab Protrusions (Side Extenders/Trim Tab) (CP)	0.0
Back of Cab Protrusions (CNG Tank)	0.0
Back of Cab Clearance (CL)	3.0
Back of Cab to End of Frame	206.4
Cab Height (CH)	67.5
Wheelbase (WB)	196.0
Frame Overhang (OH)	76.0
Overall Length (OAL)	312.7
Rear Axle Spacing	0.0
Unladen Frame Height at Centerline of Rear Axle	41.2

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.



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**G V W R**

**VEHICLE SPECIFICATIONS SUMMARY - GVWR**

Model.....M2106  
 Cab Size (629).....106 INCH BBC FLAT ROOF ALUMINUM CONVENTIONAL CAB  
 Expected Front Axle(s) Load (lbs).....12000.0  
 Expected Pusher Axle(s) Load (lbs).....0.0  
 Expected Rear Axle(s) Load (lbs).....23000.0  
 Expected Tag Axle(s) Load (lbs).....0.0  
 Expected GVW (lbs).....35000  
 Expected GCW (lbs).....80000.0  
 Front Axle (400).....DETROIT DA-F-12.0-3 12,000# FF1 71.5 KPI/3.74 DROP SINGLE FRONT AXLE  
 Front Suspension (620).....12,000# DUAL TAPERLEAF FRONT SUSPENSION  
 Front Hubs (418).....CONMET PRESET PLUS IRON FRONT HUBS  
 Front Disc Wheels (502) MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 6.20 INSET 2-HAND STEEL DISC FRONT WHEELS  
 Front Tires (093).....GOODYEAR G661 HSA 11R22.5 14 PLY RADIAL FRONT TIRES (MATCH MARKED)  
 Front Brakes (402).....MERITOR 15X4 Q+ CAM FRONT BRAKES  
 Steering Gear (536).....TRW THP-60 POWER STEERING  
 Rear Axle (420).....RS-23-160 23,000# R-SERIES SINGLE REAR AXLE  
 Rear Suspension (622).....23,000# 52 INCH VARIABLE RATE MULTI-LEAF SPRING REAR SUSPENSION WITH LEAF SPRING HELPER  
 Rear Hubs (450).....CONMET PRESET PLUS IRON REAR HUBS  
 Rear Disc Wheels (505).....MAXION WHEELS 90541 22.5X8.25 10-HUB PILOT 2-HAND STEEL DISC REAR WHEELS  
 Rear Tires (094).....GOODYEAR G399A LHS FUEL MAX 11R22.5 14 PLY RADIAL REAR TIRES  
 Rear Brakes (423).....MERITOR 16.5X7 Q+ CAST SPIDER CAM REAR BRAKES, DOUBLE ANCHOR, FABRICATED SHOES  
 Pusher / Tag Axle (443).....NO PUSHER OR TAG AXLE  
 Pusher / Tag Suspension (626).....NO PUSHER OR TAG SUSPENSION  
 Pusher / Tag Hubs (449).....NO PUSHER OR TAG HUBS  
 Pusher/Tag Disc Wheels (509).....NO PUSHER/TAG DISC WHEELS  
 Pusher / Tag Tires (095).....NO PUSHER/TAG TIRES  
 Pusher / Tag Brakes (456).....NO PUSHER/TAG BRAKES

**TABLE SUMMARY - GVWR**



Prepared for:  
 Bob Charleton  
 Pima County  
 1291 S Mission Road  
 Tucson, AZ 85713  
 Phone: 520-724-2614

Prepared by:  
 Cory Thompson  
 FREIGHTLINER OF ARIZONA  
 9899 W ROOSEVELT STREET  
 TOLLESON, AZ 85353

	Front	Rear
<b>Axle Component Weight Ratings</b>		
Axles	12000	23000
Suspension	12000	23000
Hubs	14000	26000
Brakes	12000	23000
Wheels	14800	29600
Tires	12350	23350
Power Steering	13300	N/A
GAWR (per axle)	12000	23000
GAWR (per axle system)	12000	23000
Expected Load (per axle system)	12000	23000
GVWR due to Frame	35000	
<b>Vehicle GVWR Summary</b>		
Calculated GVWR	35000	
Expected GVWR	35000	
All weights displayed in pounds		

Performance calculations are estimates only. If performance calculations are critical, please contact Customer Application Engineering.

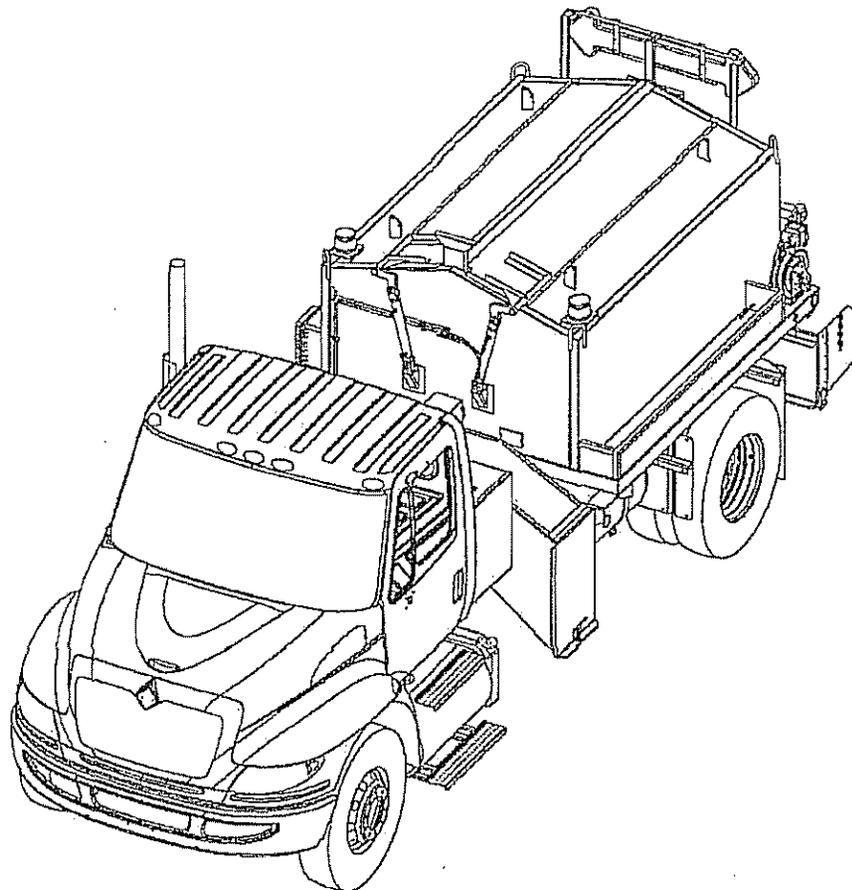
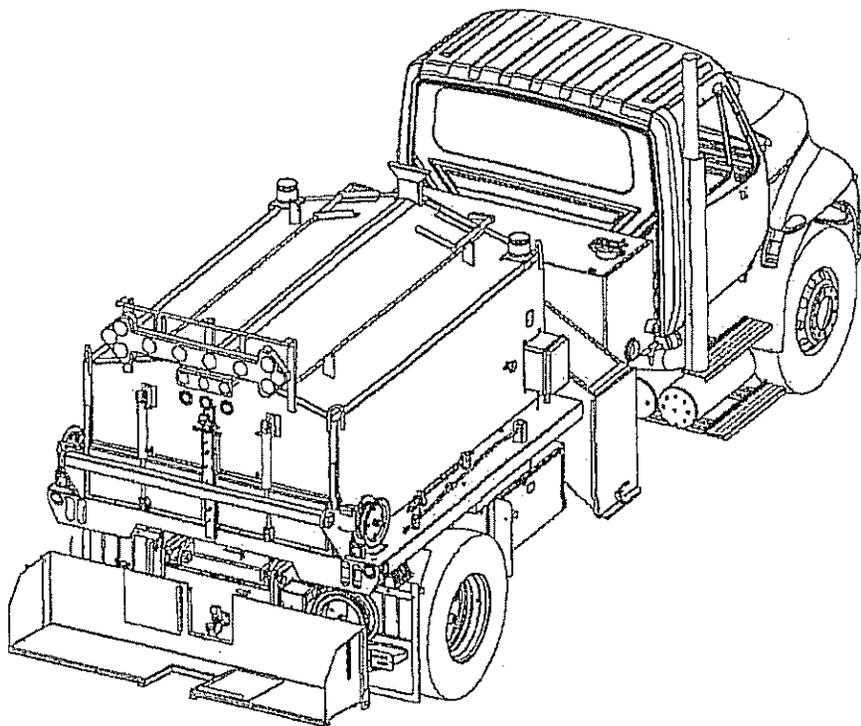




REV DATE

REVISIONS DESCRIPTION  
PRELIMINARY

CHG BY ECR



FILE NAME: C:\PWA COUNTY\AVONH\LOADER\11781 LOADER\11781.AA Engineering Drawing PB Loader.dwg  
 LAST SAVED BY: melling PRINTED ON: Monday, November 30, 2015

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REVISIONS  
DATE

APPLICATION  
TITLE

WEIGHT (LBS)  
11872.107

MATERIAL SPEC.

UNITS: DIMENSIONS IN INCHES  
DIMENSIONS ARE IN INCHES  
STANDARDS TOLERANCES:  
FRACTIONAL .125  
DECIMAL .005  
HOLE DIMENSIONS .005  
POSITIVE DIMENSIONS .005  
DIMENSIONS IN MILLIMETERS .100  
ANGLES 1°  
DIMENSIONS AND SPEAK MARKETS

SCALE COVERED DRAWING  
FOR EACH STANDARD TOLERANCE  
DATE 11/30/15  
DATE  
DATE  
DATE

DO NOT SCALE  
DRAWING

SCALE 1:14  
DWG NO. 8159

PB LOADER

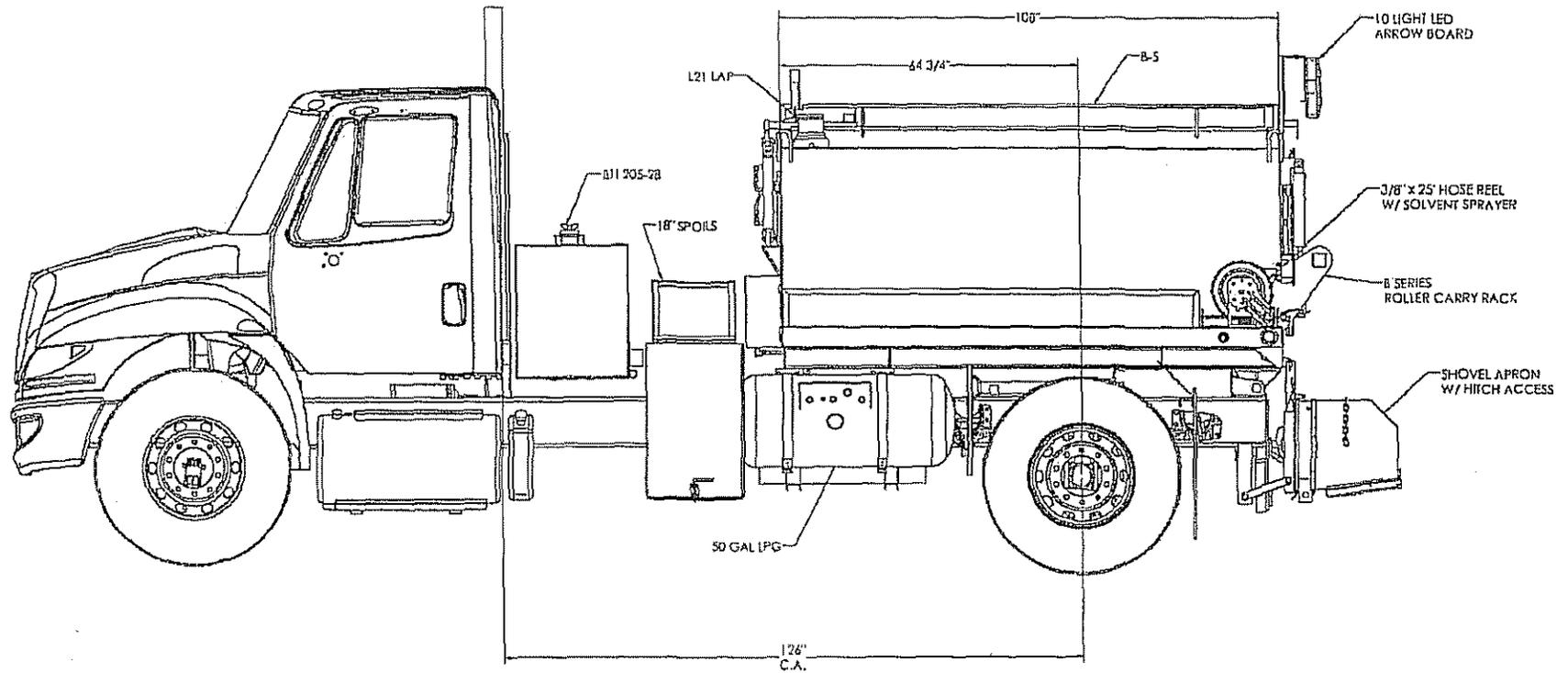
3770 W. HANCOCK AVE., INDIANOLA, IA 52243-2074

TITLE

PWA COUNTY LAYOUT

SHEET NO. 1 OF 5  
SHEET REV. 1

REVISIONS  
 REV DATE ECR  
**PRELIMINARY**



FILE NAME: B15\_PUMA\_COUNTY\_LAYOUT.PLOTTER (C:\ARCHIVE\LOADERS\B15\_PUMA\_COUNTY\_LAYOUT\Design\Work\B15\_PUMA\_COUNTY\_LAYOUT)

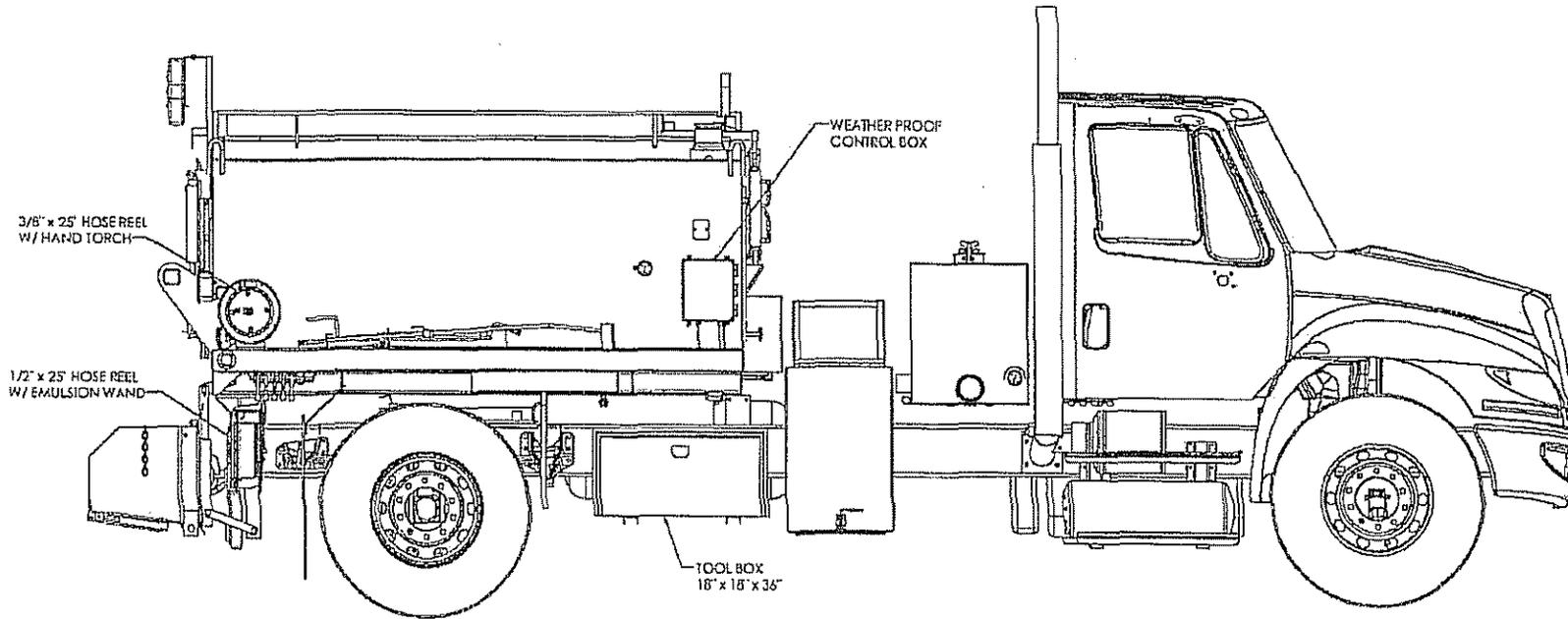
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 8700 W. BARTON AVE. PLEASANTON, CA 94523-5024  
 TITLE **PUMA COUNTY LAYOUT**

PROJECT SCALE DRAWING	SCALE 1:1	DWG. NO. 8159	REV D	SHEET 2 OF 5
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REVISIONS  
 REV DATE ECR  
**PRELIMINARY**



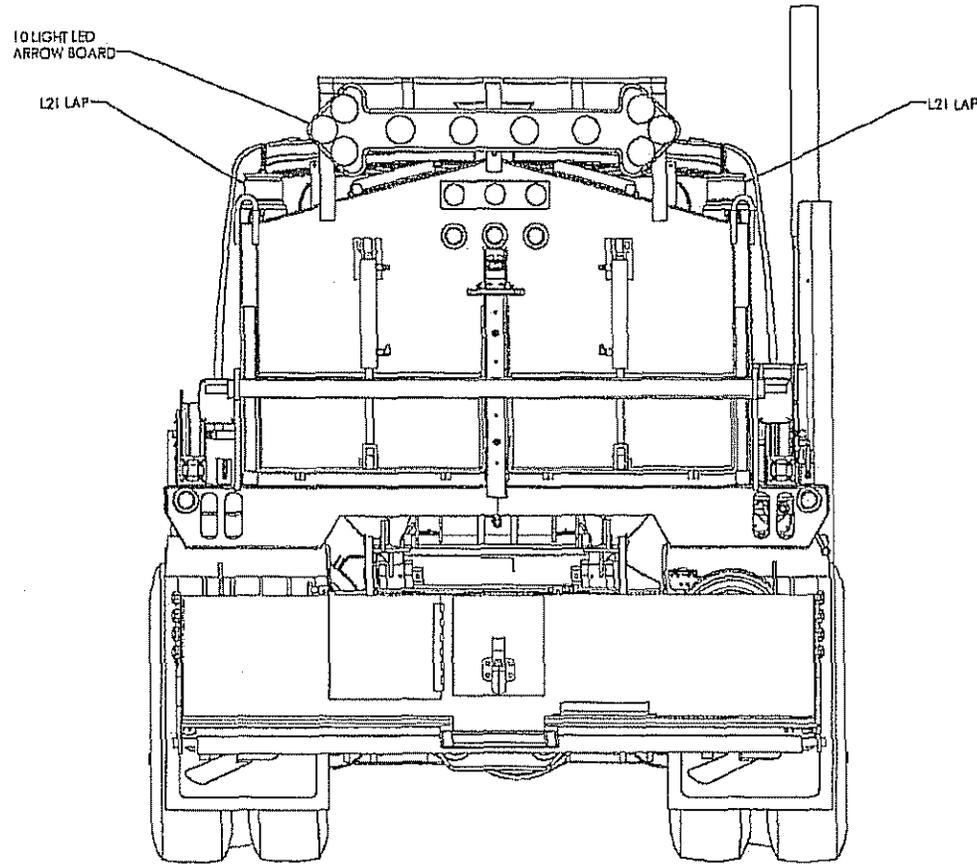
FILE NAME: B:\PIMA COUNTY LAYOUT\LOCAL\LA18.LCA.DWG PLOT: P:\A-Engineering\Directory P1 Location\Pro Release Design Works\LA18.DWG COMPANY:

1/16" = 1" DRAWING PER AIAA #14.  
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 5791 W. MARION AVE. TUCUIC, CA 95721-0024  
 TITLE PIMA COUNTY LAYOUT

DOWNS SCALE DRAWING	SCALE 1:11	PWD NO. 6159	SHEET NO. D - 3 OF 5	SHEET REV. 1
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REVISIONS  
 REV DATE EGR  
**PRELIMINARY**



FILE NAME: B157\_PIMA COUNTY LAYOUT TO USE LOCATION: 5711 CONCRETE HIKES VA. Engineering Director: P. Luciani (the website Design: MCR/B157\_PIMA COUNTY)

INTERFERENCES ARE AS SHOWN.  
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 5711 CONCRETE HIKES AVENUE, TULSA, OK 74105  
 TITLE PIMA COUNTY LAYOUT

DESIGNER	SCALE	DATE	REV	SHEET
GRAND	1:8	8/15/15	D	4 OF 5

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*PB LOADER CORPORATION*

*5778 W. Barstow Ave*

*Fresno, CA 93722*

**MANUFACTURER'S WARRANTY**

PB Loader Corporation hereby warrants all *PB Loader products* sold by to be free from manufacturing defects in normal service for a period of one year from date of delivery or in service of original user.

This Warranty is expressly limited to the replacement or repair at Fresno, California, unless otherwise designated by PB Loader of such part and/ or parts shall appear to PB Loader to have been defective. PB Loader shall not be liable for consequential labor costs or transportation charges in connection with the replacement or repair of defective parts.

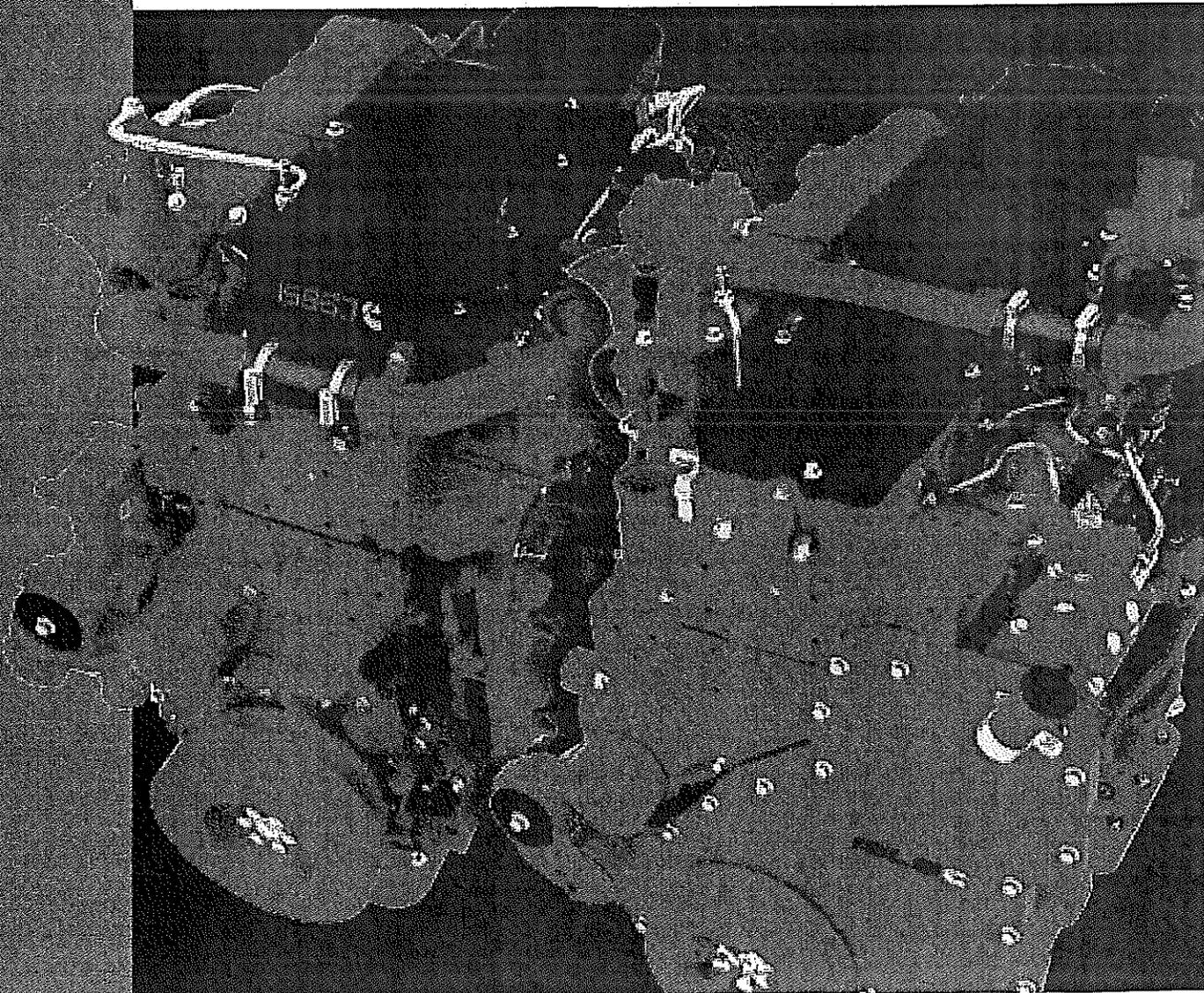
This Warranty shall become void and of no effect if repairs or alterations have been made by others except with the prior written approval of PB Loader Corporation.

PB Loader Corporation makes no other express, implied or statutory Warranty, nor is anyone authorized to make any in its behalf."



# Every™ Coverage.

North American Truck Coverages  
For 2013 ISL9 And ISB6.7 Engines.



# Every™ Confidence.

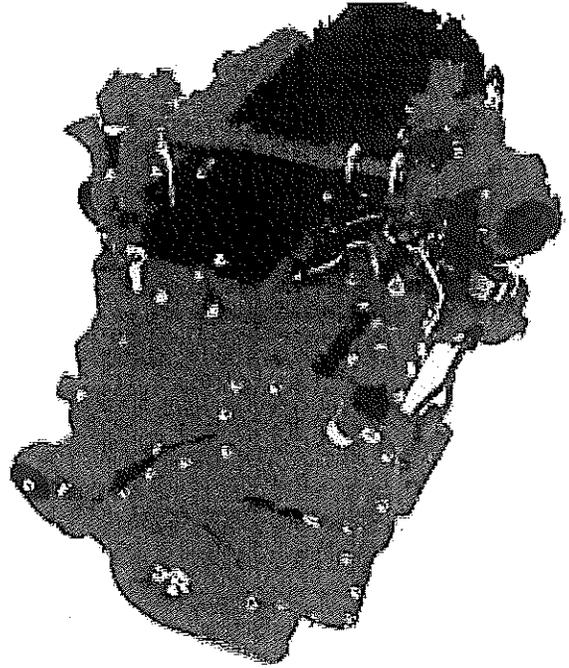
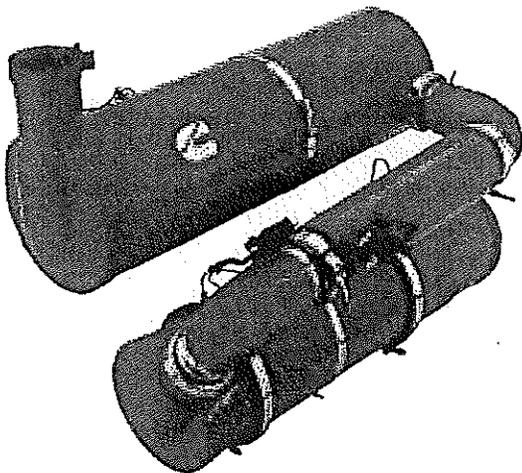
You can have confidence knowing that your Cummins 2013 engine is backed by the total coverage of Cummins base and extended warranty coverage plans.

Every major component from the air handling to the exhaust aftertreatment\* – including those in the Cummins Aftertreatment System – is included under the base warranty.

In addition to the base warranty, Cummins offers a selection of extended coverage plans that provide extra protection for your business against major unexpected repair expenses. These protection plans provide financial peace of mind, insuring you against unforeseen expenses for years to come. And they can be included in the financing of your new truck for just dollars a day.

Cummins extended coverage plans are honored at all authorized Cummins service locations and backed by Cummins Care. No matter where your business takes you, you've always got a Cummins-authorized service facility nearby, with over 3,500 locations in North America. So you can be assured that every contingency is covered. Best of all, those facilities will handle every bit of paperwork associated with your warranty repair.

\*Does not include air cleaner, intake pipes, exhaust pipes or mounting hardware



## ISL9 Base Warranty.

The ISL9 base warranty is good for 2 years/ 250,000 miles (402,336 km), whichever occurs first, and includes virtually everything at no additional cost:

### 2-Year/250,000-Mile (402,336 km) Coverage

- 100 percent parts and labor on warrantable failures\*
- Travel or towing when an engine is disabled by a warrantable failure (from date of delivery through the first year)
- Consumables not reusable due to covered failure
- No deductible
- Includes aftertreatment

\*Warrantable failures are those due to defects in Cummins material or factory workmanship.

## ISB6.7 Base Warranty.

Cummins 6-cylinder ISB6.7 engine has coverage similar to that of the ISL9, except there is no mileage restriction. The ISB6.7 warranty is good for 2 years with unlimited mileage.

### 2-Year/Unlimited-Mileage Coverage

- 100 percent parts and labor on warrantable failures\*
- Travel or towing when an engine is disabled by a warrantable failure (from date of delivery through the first year)
- Consumables not reusable due to covered failure
- No deductible
- Includes aftertreatment



\*Warrantable failures are those due to defects in Cummins material or factory workmanship.

## Extended Coverage Means Added Security.

A Cummins Protection Plan is the most important travel insurance you can buy. Not only will it protect your business from unexpected expenses, but it will also ensure that you'll always get quality Cummins parts and professional Cummins service. There are two plans to choose from for ISL9 and ISB6.7 engines.

### Protection Plan 1

Security is knowing that you are protected by comprehensive protection, with options ranging from 3 to 5 years and 100,000 to 300,000 miles (160,934-482,803 km).

- Internal components and major engine systems including the turbocharger, water pump and fuel injectors and, new for 2013, the air compressor, fuel pump and select engine sensors
- Registered parts and labor on covered failures

### Protection Plan 2

Cummins Internal Protection Plan 2 covers you against major repair costs down the road, with registered parts and labor on major components and your choice of long-term options from 3 to 7 years and 100,000 to 300,000 miles (160,934-482,803 km).

- Internal components and major engine systems
- Registered parts and labor on covered failures

## Aftertreatment Extended Coverage\*

Extended coverage is also available for your Cummins Aftertreatment System. Options range from 3 to 5 years and 100,000 to 300,000 miles (160,934-482,803 km).

The coverage includes Cummins-supplied aftertreatment components, including:

- Diesel Oxidation Catalyst (DOC), Diesel Particulate Filter (DPF) and Selective Catalytic Reduction (SCR) assemblies
- Diesel Exhaust Fluid (DEF) dosing system
- Aftertreatment controls
- Ammonia sensor

\*Protection Plan 1 EPA 2013 of equal duration is required prior to the purchase of the Aftertreatment Extended Coverage.

**2013 ISL9 And ISB6.7  
Extended Coverage Terms\***

SCR Assembly	Aftertreatment Extended Coverage**	
Decomposition Reactor		
Mid-Bed Ammonia Sensor		
DPF Assembly		
Fuel Pump		
Air Compressor		
Select Engine Sensors		
Water Pump		
Turbo		
Fuel Injectors		
EGR Cooler, EGR Valve, EGR Mixer		
Cylinder Head Assembly		
ECM		
Pistons, Rings and Liners		
Lube Oil Cooler Assembly		
Cylinder Block Assembly		
Crankshaft Assemblies		
Front Gear Cover		
Oil Pan		
Connecting Rod Assembly		
Lube Pump Assembly		
Camshaft Assembly and Bushings		
Brake Housing, Bushings, Rocker Levers, Roller Pin, Roller, Crosshead Pin, Crosshead, Including Mounting Hardware and Gaskets		
Engine Cylinder Block Casting		
Engine Main Bearing Bolts		
Engine Cylinder Head Casting		
Engine Cylinder Head Capscrews		
Engine Crankshaft Forging		
Engine Camshaft Forging		
Cam Follower Housing		
Cam Follower Assemblies		
Engine Connecting Rods and Caps		
Engine Connecting Rod Bolts		
Intake Manifold Castings		
Rocker Lever Housings		
Rocker Lever Assembly		
Gear Train Gears		

**Protection  
Plan 1**

**Options are  
available up to  
5 years/  
300,000 miles  
(482,803 km)**

**Protection  
Plan 2**

**Options are  
available up to  
7 years/  
300,000 miles  
(482,803 km)**

\*Terms and conditions are subject to change.  
\*\*Protection Plan 1 EPA 2013 of equal duration is required prior to the purchase of the Aftertreatment Extended Coverage.

# Cummins Aftertreatment Assembly For 2013 Products

## Coverage

This Extended Coverage Plan (Plan) is available to be purchased for all eligible Cummins diesel Engines used in automotive applications marketed for use in the United States\* and Canada under the trademark "Cummins". This Plan covers failures of the Aftertreatment Assembly which result, under normal use and service, from a defect in Cummins material or factory workmanship (Covered Failure):

NOx Sensor Probe	NOx Sensor Module
NH3 Sensor Probe	NH3 Sensor Module
DPF Temperature Sensor (Module & Probe)	SCR Temperature Sensor (Module & Probe)
Aftertreatment Temperature Sensor Connector	Aftertreatment Diesel Exhaust Fluid Dosing Unit
Decomposition Tube	Aftertreatment Selective Catalyst Reduction (SCR) Catalyst
Aftertreatment Diesel Exhaust Fluid Dosing Valve	Aftertreatment Differential Pressure Sensor Body Mounting Hardware
Aftertreatment Fuel Pressure Sensor Body	Aftertreatment Fuel Pressure Sensor O-Ring
Aftertreatment Wiring Pigtail	Ammonia Sensor
Aftertreatment Differential Pressure Sensor Body	Aftertreatment Differential Pressure Sensor Bracket
Catalytic Converter Particulate Filter	Aftertreatment Injector (Heavy Duty only)
SCR/DPF Temperature Sensor Interface Module Mounting Hardware	Aftertreatment Fuel Supply Line
Aftertreatment Fuel Return Line	

This Plan begins at the expiration of the Cummins Base Engine Warranty period applicable to the Engine. Coverage ends at the time, miles (kilometers) or hours specified on the accompanying Certificate, whichever occurs first, AS MEASURED FROM THE CUMMINS BASE ENGINE WARRANTY START DATE.

## Cummins Responsibilities

Cummins will pay for all parts and labor needed to repair the damage to the Aftertreatment Assembly resulting from a Covered Failure, according to progressive damage limits.

Cummins will pay for the lubricating oil, antifreeze, diesel exhaust fluid, filter elements and other maintenance items that are not reusable due to a Covered Failure.

Cummins will pay reasonable labor costs for Engine removal and reinstallation when necessary to repair a Covered Failure.

## Owner Responsibilities

Owner is responsible for the operation and maintenance of the Engine and Aftertreatment Assembly as specified in the applicable Cummins Operation and Maintenance Manual. Owner is also responsible for providing proof that all recommended maintenance has been performed.

Before the expiration of this Plan, Owner must notify a Cummins distributor, authorized dealer or other repair location approved by Cummins of any Covered Failure and make the Engine available for repair by such facility. Owner is also responsible for delivering the Engine to the repair facility.

Service locations are listed on the Cummins Worldwide Service Locator at [cummins.com](http://cummins.com).

Owner is responsible for all towing and/or travel expenses incurred as a result of a Covered Failure.

Owner is responsible for the cost of lubrication oil, diesel exhaust fluid, antifreeze, filter elements, belts, hoses and other maintenance items provided during covered repairs unless such items are not reusable due to the Covered Failure.

Owner is responsible for the communication expenses, meals, lodging, rentals and similar costs incurred as a result of a Covered Failure.

Owner is responsible for non-Engine repairs, "downtime" expenses, cargo damage, fines, passenger delays, all applicable taxes, all business costs and other losses resulting from a Covered Failure.

Owner is responsible for the cost to investigate complaints, unless the failure is caused by a defect in Cummins material or factory workmanship.

## Limitations

Cummins is not responsible for failures or damage resulting from what Cummins determines to be abuse or neglect, including, but not limited to: operation without adequate coolants or lubricants; overfueling; overspeeding; lack of maintenance of lubricating, cooling or intake systems; improper storage, starting, warm-up, run-in or shutdown practices; unauthorized modifications to the Engine or Aftertreatment Assembly.

Cummins is not responsible for failures resulting from incorrect modifications or alterations to the Engine or Aftertreatment Assembly, or adjustments that significantly alter the Engine's operating characteristics. Failures, other than those resulting from defects in material or factory workmanship of Covered Parts, are not covered by this Plan.

Cummins is also not responsible for failures caused by incorrect oil or fuel, by water, diesel exhaust fluid, catalytic reagent, dirt or other contaminants in the fuel, oil, diesel exhaust fluid, catalytic reagent or intake air system.

Parts used in repairs of a Covered Failure may be new Cummins parts, Cummins approved rebuilt parts or repaired parts. Cummins is not responsible for failures resulting from the use of parts not supplied by Cummins.

A new Cummins or Cummins approved rebuilt part used to repair a Covered Failure under this Plan assumes the identity of the part it replaced and is entitled to the remaining Coverage hereunder.

This Plan is transferable to subsequent Owners of the Engine by notifying a Cummins Distributor within 90 days of the transfer of ownership.

Cummins Inc. reserves the right to interrogate Electronic Control Module (ECM) data for purposes of failure analysis.

This Plan does not duplicate other coverages applicable to the Engine.

Components not supplied by Cummins are not covered under this Plan.

Fees paid for this Plan are not refundable.

Coverage purchase must be documented on a Cummins assurance Plan Certificate. The Certificate must be signed and dated by the customer.

**CUMMINS DOES NOT COVER WEAR OR WEAROUT OF COVERED PARTS.**

**CUMMINS IS NOT RESPONSIBLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES.**

**EXCEPT FOR THE PUBLISHED CUMMINS WARRANTY APPLICABLE TO THE ENGINE, THERE ARE NO OTHER WARRANTIES, EXPRESS OR IMPLIED, OR OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

In the United States\* and Canada, this Plan gives you specific legal rights, and you may also have other rights which vary from state to state or province to province.

\* United States includes American Samoa, the Commonwealth of Northern Mariana Islands, Guam, Puerto Rico and the U.S. Virgin Islands.

Coverage I.D.: AT3



Cummins Inc.  
Box 3005  
Columbus, IN 47202-3005  
U.S.A.