This specification is a product of the Texas Department of Transportation (TxDOT). It is the practice of TxDOT to support other entities by making this specification available through the National Institute of Governmental Purchasing (NIGP). This specification may not be sold for profit or monetary gain. If this specification is altered in any way, the header, and any and all references to TxDOT must be removed. TxDOT does not assume nor accept any liability when this specification is used in the procurement process by any other entity.

**PART I**

**GENERAL CLAUSES AND CONDITIONS**

1. The equipment furnished under this specification shall be the latest improved model in current production as offered to commercial trade, and shall be of quality workmanship and material. The respondent represents that all equipment offered under this specification shall be new. USED, SHOPWORN, DEMONSTRATOR, PROTOTYPE, REMANUFACTURED, RECONDITIONED, OR DISCONTINUED MODELS ARE NOT ACCEPTABLE.

2. Respondent should submit with the solicitation, or have on file with TxDOT, Austin, Texas, the latest printed literature and detailed specifications on the equipment the respondent proposes to furnish. This literature is for information purposes only.

3. All parts not specifically mentioned which are necessary for the unit to be complete and ready for operation or which are normally furnished as standard equipment shall be furnished by the vendor. All parts shall conform in strength, quality, and workmanship to the accepted standards of the industry.

4. The unit shall be completely assembled and adjusted, and all equipment, including standard and supplemental equipment, shall be installed and the unit made ready for continuous operation.

5. The unit provided shall meet or exceed all federal and state of Texas safety, health, lighting, and noise regulations and standards in effect and applicable to equipment furnished at the time of manufacture.

6. It is the intent of TxDOT to purchase goods, equipment, and services having the least adverse environmental impact, within the constraints of statutory purchasing requirements, TxDOT need, availability, and sound economical considerations. Suggested changes and environmental enhancements for possible inclusion in future revisions of this specification are encouraged.
7. TxDOT encourages all manufacturers to comply voluntarily with the Society of Automotive Engineers (SAE) Recommended Practice for marking of plastic parts per current SAE J1344 standard. All plastic components furnished to this specification should have an imprinted SAE symbol identifying the resin composition of the component so that the item can be recycled after its useful life. Manufacturers are encouraged to use recycled plastics and materials in the manufacture of their products in order to conserve natural resources, energy, and landfill space. Respondents should note that future specification revisions may require mandatory compliance with the SAE plastic coding system.

8. TxDOT is committed to procuring quality goods and equipment. TxDOT encourages manufacturers to adopt the American National Standards Institute/International Organization for Standardization/American Society for Quality (ANSI/ISO/ASQ) Q9001-2000: Quality Management Systems: Requirements and obtain certification. Adopting and implementing these standards is considered beneficial to the manufacturer, TxDOT, and the environment. It is TxDOT's position that the total quality management concepts contained within these standards can result in reduced production costs, higher quality products, and more efficient use of energy and natural resources.

PART II

SPECIFICATIONS

1. **SCOPE:** This specification describes a tandem-axle diesel-powered truck tractor cab and chassis for use by TxDOT to pull van trailers, machinery trailers, float trailers, or other trailers as needed. Truck tractor(s) furnished to this specification shall be legally and structurally capable of transporting the specified GVWR and GCWR requirements, on highway, at speeds up to 70 MPH and off highway under conditions imposing more severe frame stresses without experiencing failure or permanent sets in the truck frame or any component of the unit. All specified components shall be original equipment manufacturer (OEM), factory installed, when offered by the vehicle manufacturer. Aftermarket components are subject to TxDOT approval. Unit(s) furnished to this specification shall meet or exceed all requirements.

**EXAMPLES:** Freightliner M2-112, International 7600 6x4, Volvo VNM 64T300, Mack Pinnacle, Western Star 4900 SA, or TxDOT Approved Equal.

**NOTICE TO RESPONDENT:** Any example shown is listed to show type and class of equipment desired. Respondent is cautioned to read the specification carefully, as there may be special requirements not commonly offered by the equipment manufacturer. DO NOT ASSUME STANDARD EQUIPMENT MEETS ALL DETAILED SPECIFICATIONS MERELY BECAUSE IT IS LISTED AS AN EXAMPLE. Respondent is cautioned that any unit delivered to the Free on Board (FOB) point that does not meet specifications in every aspect will not be accepted.

2. **CHASSIS:** Tandem-axle, diesel-powered cab and chassis, minimum 52,000 pounds GVWR, and 80,000 pounds GCWR.

2.1. Chassis, components, and accessories (including after-market or non-OEM up-fits) shall comply with all applicable Technology and Maintenance Council (TMC) recommended practices.

2.2. Wheelbase: 144 to 169 inches.
2.3. Cab to center line of tandem dimension shall be 102 to 108 inches.

2.4. Frame shall be minimum 1,500,000 RBM from behind the cab to within 3 inches of the end of the frame.

3. **PERFORMANCE REQUIREMENTS:** The driveline components offered shall provide the following minimum engine performance in the intended application:

3.1. Engine, transmission, and axle ratio shall be capable of attaining a minimum geared speed of 80 mph before the governed engine rpm is reached.

3.2. Maximum vehicle speed in top gear shall be electronically limited or governed to 65 mph.

3.3. Maximum cruise control speed setting shall be electronically set at 60 mph.

3.4. Shall provide minimum 1.1% percent grade ability at 60 mph, steady state, based upon 80,000 pound GCWR.

3.5. Shall provide minimum 15% percent startability from a complete stop, based upon 80,000 pound GCWR.

3.6. Respondent should submit a gradeability and startability printout with the response. This information is required prior to award. Failure to provide this information with the response or, within three working days of written request will result in the response being considered non-responsive.

4. **DRIVELINE COMPONENTS:** Driveline components shall meet the following minimum requirements:

4.1. Engine shall be electronically controlled diesel, in-line 6-cylinder design, minimum of a 12 l. Shall have minimum 470 SAE gross horsepower and minimum 1,650 lbs./ft. peak torque. Engine shall be manufactured by and branded as a product of Cummins, Navistar, Volvo, Mack, Paccar, or Detroit Diesel. Only engines from these manufacturers are acceptable. Engine repairs shall be available at any facility authorized as a repair provider by the applicable engine manufacturers.

4.2. Transmission shall have a minimum 13 forward gears and 3 reverse gears, fully automated transmission with an electronically actuated clutch. This transmission should allow full clutch engagement at idle, auto neutral, hill start aid to use foundation brakes to prevent roll back or roll forward and provide a creep mode for low speed operation. This transmission must be suitable for the applications described in Part I, Para. 1., and shall meet the performance requirements in Part II, Para. 2.1. through 2.5.

**EXAMPLE:** Eaton UltraShift Plus, MHP, or TxDOT approved equal.

5. **DRIVELINE AND ENGINE ACCESSORIES:** All accessories necessary for operation shall be provided, to include, but not limited to, the following:

5.1. SAE 6-bolt and 8-bolt power take-off (PTO) access openings in transmission.
5.2. Electric starting motor.

5.3. Heavy-duty battery (ies) shall deliver a minimum starting power of 1,950 Cold Crank Amperes (CCA) at 0° F.

5.4. Battery disconnect switch used to shut down battery feed electrical system to Power Distribution Center (PDC), to be mounted driver side in cab and accessible from ground level.

5.5. Heavy-duty 12-volt alternator rated at minimum 200 amperes.

5.6. Oil pump.

5.7. Full-flow type oil-filtration system with replaceable filter and provision for bypassing oil to the engine as the filter becomes clogged.

5.8. Manufacturers recommended dry type air filter, dual or two-stage.

5.9. Heavy-duty radiator, maximum cooling capacity offered by manufacturer.

5.10. Ethylene Propylene Diene Monomer (EPDM) radiator hoses and water lines.

5.11. OEM standard extended life coolant.

5.12. Automatic or viscous fan clutch.

5.13. Vertical exhaust with turn outs, and vertical or horizontal muffler, with guard(s). If horizontal muffler, lower edge of muffler must not be lower than fuel tank(s).


5.15. Diesel engine fuel filtration system shall include a minimum of two stages of filtration. Filter stages may consist of a primary and a secondary filter, or a two stage filter in a common housing. Drain plug(s) shall be provided to prevent water damage to the injection system. All items shall be factory approved and factory installed.

5.16. 120 Volt engine block heater.

EXAMPLE: Kim Hotstart, Model CNT-151B.

6. TIRES: Tires furnished shall be appropriate for the applications described and be of high quality design, materials, and workmanship. Tires shall meet Uniform Tire Quality Grading Standards (UTGQ), with UTGQ grades stamped on the side-wall. Tires shall also comply with all US DOT Tire Safety Standards, with federal DOT markings stamped on the side-wall.

7. FRONT AXLE, SPRINGS, WHEELS, AND TIRES

7.1. Shock absorbers, front double action hydraulic.

7.2. Front axle GAWR shall be minimum 12,000 pounds.
7.3. Wheel bearings shall be fluid lubricated with synthetic lubricants.

7.4. Oil seals shall be STEMCO wet-type standard two-piece with sight glass, or TxDOT approved equal.

7.5. Front tires shall be 11R x 22.5 14-ply rating (Load Range G).
   7.5.1. Steel-belted radials with all-position, on-highway tread.
   7.5.2. Mounted on 10-hole, hub piloted steel disc wheels with 8.25 inch rims.
       EXAMPLE: Goodyear G-661 HSA or TxDOT approved equal.

8. REAR AXLE, SUSPENSION, WHEELS, AND TIRES

8.1. Rear axle shall be full tandem drive, with a minimum 40,000 pound rear GAWR. Tandem shall be single speed, single reduction with inter-axle differential and power divider lockout, or single speed, double reduction with automatic power divider system.

8.2. A rear axle ratio shall be used that will meet the performance requirements listed in Part II, Para. 2. and must be approved by TxDOT prior to build.

8.3. Rear suspension shall be a 40,000 lb. air ride with dual leveling valves and dash mounted dump valve.

8.4. Wheel bearings shall be fluid lubricated with synthetic lubricant.

8.5. Oil seals shall be STEMCO wet-type standard two-piece, or TxDOT approved equal.

8.6. Rear tires shall be 11R x 22.5 14-ply rating (Load Range G).
   8.6.1. Steel-belted radials with all position on-highway tread.
   8.6.2. Mounted on 10-hole, hub piloted steel disc wheels with 8.25 inch rims.
       EXAMPLE: Goodyear G-661 HSA or TxDOT approved equal.

8.7. Dual tire pressure equalization valves shall be furnished and installed. Valves shall be designed to provide constant visual monitoring and equalization of air pressure in dual tire assemblies, and protect against slow leaks by isolating either tire in the event of a pressure drop of 10 + psi. Valves shall have a color coded air pressure display to indicate tire pressure (over/under) and be factory pre-set at 120 psi to supply the tires provided. A single inflation point with corrosion resistant valve stem cover and a 360 degree swivel type hose connection shall be provided. Valve shall be mounted to the hub or lug bolts of the dual wheels.
       EXAMPLE: Crossfire CF 100 Dual Pressure Equalization system or TxDOT approved equal.

8.8. One spare wheel and tire (same type and size as referenced in Para. 5.5.) shall be furnished. Spare shall be fitted to rim, but not mounted on vehicle.
8.9. Dust shields (rock guards) shall be provided for each rear axle.

9. **BRAKES:** Air, dual system with Anti-lock brake System (ABS) (full vehicle wheel control system, 4S/4M) with air brakes for tractor truck application, complete with:

9.1. Compressor, minimum 15 cubic feet.

9.2. Parking Brake Alarm

9.3. Air reservoir.

9.4. Air dryer – Including integral 100 watt heater, shall be easily accessible, with spin on desiccant cartridge.

   **EXAMPLE:** Meritor WABCO System Saver 1200 or TxDOT approved equal.

9.5. Automatic moisture ejectors for air brake system and reservoir(s).

9.6. Connectors shall be equipped with seals.

   **EXAMPLE:** Midland 10440 seals or TxDOT approved equal.

9.7. Parking brake shall be spring-set type.

9.8. Tractor package for towing air brake equipped trailers, complete with:

9.8.1. Hand control valve, on steering column or dash mounted in a location easily operated by driver.

9.8.2. Tractor protection valve as specified by the Federal Motor Carrier Safety Association (FMCSA).

9.8.3. Trailer air couplings with the service brake coupler painted blue and the emergency brake coupler painted red. Couplings shall also be equipped with “dummy” glad-hands to seal rear air lines when not in use.

9.9. Electrical cables and 7-wire connector shall be furnished and installed. The cables shall be wired to the connector, in accordance with the American Truck Association’s Maintenance Council recommended practice (RP) 107B as detailed in Vehicle Maintenance Reporting Standards (VMRS) 34-003, latest version. Each wire shall be labeled or a wiring schematic shall be furnished to indicate each wire’s function.

10. **FIFTH WHEEL:** Cast steel, 36 inches. Fifth wheel shall be mounted four inches forward of the center of the tandem. Safety latch location is at vendor’s option, mounted on driver’s side of unit. Aluminum grate catwalk shall be furnished and mounted in front of fifth wheel.

10.1. Air sliding type fifth wheel, complete with in cab controls. Mounted so that the forward-most position of fifth wheel is 15 inches forward of the center line of the tandem. Slide rack travel length shall be minimum 36 inches. Shall be mounted within 46 to 49 inches from ground, unless otherwise specified.
11. **STEERING:** Truck shall be equipped with power steering of type normally recommended by manufacturer.

12. **CAB:** The truck shall have an enclosed conventional cab. Total distance from front of truck to rear of the cab (BBC) shall not exceed 113 inches. Truck shall also be equipped with, but not be limited to, the following (Note: When gauges are specified, indicator lights are not acceptable):

   12.1. Cab grab handle providing three-point contact and access steps. Steps shall have anti-skid type surface. Grab handles and steps shall be positioned so the operator, when entering or exiting, will maintain a three-point contact with the unit at all times.

   12.2. Shatterproof tinted windshield and door glass.

   12.3. Engine tachometer.

   12.4. Speedometer.

   12.5. Engine hourmeter, OEM type accessible through instrument cluster.

   12.6. Ammeter or voltmeter.

   12.7. Oil pressure gauge.


   12.10. Tilt and Telescoping steering wheel.

   12.11. Pre-Trip Light Inspection.


   12.14. Low air pressure warning indicator in cab with an audible and visible alarm.

   12.15. Electric powered (air not acceptable) intermittent type windshield wipers, with washers for both sides.

   12.16. National Cush-N-Aire or TxDOT approved equal air-ride high back driver and passenger seat. Both driver and passenger seat belts shall be OEM installed high visibility orange colored. Seatbelt covers are not acceptable.

   12.17. Dual sun visors.

   12.18. Fresh-air type heater and defroster.

   12.19. Air Conditioner, manufacturer’s standard, factory installed.
12.20. Two Hood Mounted, Convex mirrors for left and right side, minimum 7.4 square inches.

12.21. Vendor shall install after-market deep window tint, the maximum legal tint on driver, passenger, and rear windows. Must be TxDOT pre-approved prior to installation. Examples to be furnished to TxDOT representative.

12.22. Electrically powered and heated right and left rearview mirrors, OEM metal framed, or OEM plastic framed break-away, exterior, west-coast rearview type, left and right sides. The mirrors shall have auxiliary convex mirrors (not stick-on type).

12.23. OEM Power locks and power windows shall be provided.

12.24. AM/FM radio with weather band (Wx) feature. Shall be factory-installed, manufacturer’s standard-brand transistor radio. Antenna, which may be an integral part of the windshield, shall be furnished and mounted.

12.25. Units shall be equipped with the following to facilitate entity mounting of ancillary equipment integral in the vehicle electrical system shall be installed by the OEM as either standard or optional equipment: Four dash mounted toggle (on/off) switches with power source to each switch. Power to switches shall be supplied from an easily accessible power strip or junction box. Each terminal on the power strip or junction box shall be supplied with power and each circuit protected by a minimum 20 amp manual or automatic reset circuit breaker(s) – SAE type III with trip indicators. Switches shall be factory installed if available from the OEM.

13. **TRUCK**: The truck shall be equipped to include, but not be limited to, the following:

13.1. Where available, all exterior lights shall be L.E.D. type with the exception of the headlights.

13.2. Daytime Running lights.

13.3. Clearance lights, reflectors, and identification lights meeting Texas Commercial Motor Vehicle Laws and Texas Department of Public Safety Requirements.

13.4. Front fenders and bumper.

13.5. Front mounted, behind grille bug screen.


13.7. Radiator protector or stone guard shall be behind or integral with, the front grille.

13.8. Metal license plate brackets with illuminating light on rear bracket.


13.10. Twin Air horns, if available from OEM, or single trumpet air horn if twin air horns are not available.
13.11. Rear quarter fenders with mud flaps, mounted forward and behind the tandem axles, with anti-sail and anti-spray mud flaps spring mounted with Betts brackets (or TxDOT approved equal) Mud flaps shall reach to within eight inches of the ground.

NOTE: Advertisements are not permitted on mud flaps.

13.12. Rear mounted camera wired to in-cab seven inch monitor. Camera shall be able to operate automatically when in reverse and operator shall have the option to operate in forward gear.

EXAMPLE: Zone Defense, Model# ZD.323.1.15CH.

13.13. Minimum of two white, halogen, high-low sealed beam headlights. Headlights shall be mounted one on each side on the front of the unit. Headlights shall automatically turn on when windshield wipers are activated.

13.14. An extra circuit breaker shall be provided in the fuse panel for protection of the semi-trailer electrical system.

13.15. Radio frequency (RF) interference suppression shall be provided, for use with land mobile radio transceivers, which will be installed after vehicle delivery. These transceivers will operate in both VHF low band (30 to 50 MHz), high band (150 to 174 MHz), or UHF band (450 to 512 and 764 to 940 MHz). Antennas will be mounted on the vehicle. All vehicle electronic circuits including, but not limited to, ignition, AM/FM radio receivers, computers, emission controls, etc. shall be designed to suppress, bypass, or otherwise prevent interference from affecting the radio transceiver. Also, the vehicle’s electronic equipment shall be unaffected by RF energy generated and radiated by the (up to 125 watt output) transmitter portion of installed transceivers. When delivered by the vendor, the vehicle and all equipment and components mounted to the chassis shall comply with the above requirements.

14. FUEL TANKS

14.1. Vehicle shall have Interstate Commerce Commission (ICC) approved fuel tank(s), with a total minimum capacity of 100 gallons. If dual tanks are provided, they shall be top draw type; cross-over fuel line shall not be utilized. Tank arrangement shall not interfere with tractor-trailer operation.

14.2. Fuel system shall include all valves, gauges, etc. necessary for operation.

15. PAINTING: The unit shall be painted with a manufacturer's standard lead-free white color, except for glass, rubber and those accessories or fixtures constructed of rust-resistant or plated material not normally painted.
16. **SAFETY PLAQUES OR DECALS**

   16.1. Product safety plaques or decals shall be furnished and affixed at the operator's station and at any hazardous area. The safety plaques or decals shall describe the nature of the hazard, level of hazard seriousness, how to avoid the hazard, and the consequence of human interaction with the hazard. Permanent plaques are preferred to decals. Type, size, and location of product safety plaques or decals shall be in accordance with current ANSI Z535.4 standard.

   16.2. A permanent lubrication plaque shall be furnished and visible from the outside of the unit. The plaque shall note all lubrication points and recommended periodic oil changes and lubrication intervals.

17. **SAFETY INSPECTION:** The unit shall be in compliance with Texas Commercial Motor Vehicle Laws upon delivery, and be ready for inspection and certification by a licensed inspection station.

18. **MANUALS:** Original manual(s) containing illustrated parts list(s) and operating and service instructions for the unit and engine(s) shall be delivered with each unit. In addition to the original manual, the vendor may provide an electronic media version of the current original manual. The manual(s) shall be as detailed as possible outlining all necessary service and operating instructions for each unit delivered. Parts list(s) shall cover all components of the unit. Each part shall be identified by part number, description, and component location. Necessary warnings and safety precautions shall be included. Manual(s) may be provided in electronic format in lieu of paper form.

19. **MANUFACTURER'S STATEMENT OF ORIGIN (MSO):** Vendor shall furnish MSO for each unit. MSO shall be executed in the name of the Texas Department of Transportation and delivered to the FOB location. TxDOT will not accept a unit and process payment without the MSO.

20. **TITLE APPLICATION FORM:** Vendor shall furnish a completed State of Texas Form 130-U, Application for Texas Title and/or Registration, to the receiving district with each unit at time of delivery. The Form 130-U must be the most current version available. TxDOT WILL NOT ACCEPT THE UNIT AND PROCESS PAYMENT WITHOUT THE COMPLETED FORM 130-U.

21. **DATA SHEET:** The Data Sheets, Attachment A, should be completed and submitted in duplicate for informational purposes only.

**PART III**

**DELIVERY, ACCEPTANCE, AND PAYMENT**

1. **DELIVERY REQUIREMENTS:** Delivery of all equipment on this order shall be completed within the number of days specified on the purchase order. Any unit(s) not delivered within this time frame may be canceled from the purchase order or, at TxDOT's option, an extension may be granted in writing, whichever is in TxDOT's best interest.

   1.1. If any unit is canceled for non-delivery, the needed equipment may be purchased elsewhere and the vendor may be charged any additional increase in cost and handling.
1.2. **LIQUIDATED DAMAGES:** Unless a delivery extension is granted for acceptable reasons due to circumstances beyond the vendor's control, liquidated damages of $160.00 per unit will be deducted from the invoice for every working day after the expiration of the number of days shown on the purchase order until the units are delivered. This provision is not intended as a penalty but as liquidated damages.

2. **ACCEPTANCE INSPECTION:** All equipment ordered will be subject to acceptance inspection upon receipt. Acceptance inspection will not take more than five working days, weather permitting. The vendor will be notified within this time frame of any units not delivered in full compliance with the purchase order specifications. If any units are canceled for non-acceptance, the needed equipment may be purchased elsewhere and the vendor may be charged any additional increase in cost and handling.

3. **PAYMENT:** Payment will be made within 30 days after the acceptance inspection has been completed and TxDOT determines the equipment delivered meets specifications and training is completed, if required, or the day, on which a correct invoice for the goods or materials was received, whichever is later.

4. **WORKING DAY:** A working day is defined as a calendar day, not including Saturdays, Sundays, or regularly observed state and federal holidays.

**PART IV**

**WARRANTY**

1. **WARRANTY:** The unit shall be warranted against defects in material and workmanship for a period of not less than 12 months and shall cover 100% parts and labor for the unit. If the manufacturer's standard warranty period exceeds 12 months, then the standard warranty period shall be in effect. The vendor shall furnish the manufacturer's warranty to the receiving district at time of delivery. The vendor shall be ultimately responsible for the warranty. The warranty begins on the date the unit is determined to meet specifications and accepted into TxDOT's fleet.

   **NOTE:** A delayed warranty in service start date may be requested.

2. **PARTS AND SERVICE:** The manufacturer of the equipment furnished shall have an authorized dealer within the state of Texas or factory-trained personnel available for warranty repairs and the performance of service within 72 hours after notification by TxDOT. The authorized dealer shall have factory-trained personnel available for warranty repairs and the performance of service. The dealer shall also maintain an inventory of high-usage parts and a quick source for low-usage parts.
PART V

OPTIONAL EQUIPMENT

Optional equipment must be identified on the solicitation to be required.

NOTE: Welding to the truck frame is not acceptable. Hole drilling shall be confined to the vertical face of the truck frame.

1. **OPTION NO. 1: HEADACHE RACK** – Aluminum, Heavy-duty, constructed as normally furnished with a truck of this size. Headache rack shall be bolted to frame and include a chain tray, chain rack, and window with jailbars. Headache rack shall include a riser for mounting an emergency light bar that will extend the height of the cab.

2. **OPTION NO. 2: EXTRA SET OF MANUALS**: In addition to the manuals referenced in Part II, Para. 16., one complete set of operators, service, and parts manuals shall be provided at time of delivery.
## ATTACHMENT A

**TRUCK TRACTOR, TANDEM-AXLE, DIESEL-POWERED**

### 80,000-POUND GCWR DATA SHEET

Respondents should insert the requested information and return two copies for informational purposes only.

<table>
<thead>
<tr>
<th>Solicitation No.</th>
<th>Opening Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Truck: Make Model

<table>
<thead>
<tr>
<th>Front GAWR</th>
<th>Rear GAWR</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Truck Wheelbase - Ins. C.T. - Ins. Truck GVWR GCWR

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Engine Make Model CID No. of Cylinders EPA Tier

<table>
<thead>
<tr>
<th>SAE Gross Horsepower @ RPM</th>
<th>SAE Gross Torque @ RPM</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Transmission Make Model Rear Axle Make Model Ratio

<table>
<thead>
<tr>
<th>Axle Capacity Front Rear Frame RBM</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tire Size (front &amp; rear) Ply Rating Tire Make/Model</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

Name and address of firm nearest the FOB point that will provide warranty service and repair parts.

<table>
<thead>
<tr>
<th>Firm Name</th>
<th>Telephone</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Address</th>
<th>Individual to Contact</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
If servicing dealer furnishes parts for minor repairs by TxDOT personnel will this affect the warranty? 

______________  If answer is "yes" please attach explanation.

Name of Responding Firm (print)  Telephone

__________________________________________________________

Respondent's Signature  Respondent's Name
(Print)

THE DATA SHEETS SHOULD BE RETURNED FOR INFORMATIONAL PURPOSES ONLY. THE DATA SHEETS WILL BE REQUIRED PRIOR TO AWARD. FAILURE TO PROVIDE COMPLETED DATA SHEET WITH THE RESPONSE, OR WITHIN 3 WORKING DAYS OF REQUEST, WILL RESULT IN THE RESPONSE BEING CONSIDERED NON-RESPONSIVE.