



STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
TECHNICAL SPECIFICATIONS FOR

7x20 TANDEM AXLE UTILITY TRAILER, 10,000# GVWR CLASS

SERIES NO. 530-000
EQUIPMENT SPECIFICATION 530-000B

REV. 3/31/2022

GENERAL

This specification sets forth the minimum requirements for a 7'x20', 10,000 lbs. GVWR class, tandem axle utility trailer.

Equipment shall be new, a production model of current manufacture, and must meet all state and Federal safety and emission standards in effect at time of order.

REPRESENTATIVE SPECIFICATIONS

The following makes and models were evaluated to develop these specifications and establish equivalency. All makes and models listed, with standard features and appropriate options should satisfy the requirements of these specifications.

LoadTrail model CS10, BigTex model 10PI, Parker Performance model MP8320

Equipment of similar style, type, character, quality, features, and purpose conforming to the following detailed requirements/specifications will be considered. For evaluation purposes, bidders proposing an exception/equivalent option/feature to those specified herein, may be required to provide manufacturer/product information (catalogue sheets, detailed specifications, pictures, etc.). This information will be evaluated against the minimum requirements of this specification. Proposed submittals that are determined not to be equivalent to the established criteria will be rejected.

LOUISIANA AUTHORIZED DEALER(S)

Proposed item(s) must be from a manufacturer who has at least one (1) authorized dealer **within the State of Louisiana** where parts and service can be obtained. Authorized dealer(s) must have properly trained technicians plus all other resources necessary to perform warranty and repair services in complete accordance with the manufacturer's requirements. A letter certifying the ability to meet this requirement, inclusive of the company name(s) and address(es) of the Louisiana authorized dealer(s), should be supplied with the bid submittal and may be required prior to award.

DELIVERY & ACCEPTANCE

Vendor shall perform a test run of each unit to verify that all features and capabilities are operating properly at time of delivery. Documentation of testing may be required prior to acceptance by the Department.

Unit(s) must be delivered completely assembled (including all components, accessories, etc.) and ready for operation without any additional preparation including, but not limited to, ensuring all fluid levels are at their full mark, fuel tank(s) is full, all necessary lubrication has been performed, etc. A Louisiana safety inspection shall be performed on each vehicle prior to delivery and a Louisiana safety inspection sticker properly affixed.

Any unit delivered under this specification is subject to rejection if there is evidence of poor workmanship, by either the vendor or the original manufacturer. Noted defects and/or nonconformance findings may be corrected by the vendor. Corrections must be completed and approved by the Equipment Engineer or his representative prior to final acceptance.

Unit(s) shall be delivered "**on the ground**;" DOTD will not unload nor provide any unloading equipment to the vendor/delivery driver in order to offload the unit(s).

NOTE: The Department will have space available for equipment to be unloaded.

EACH UNIT MUST BE SUPPLIED WITH THE FOLLOWING DOCUMENTATION AT TIME OF DELIVERY:

1. Notarized Bill of Sale
2. Original Certificate of Origin (MSO), (no photocopy)
3. Dealer's Service Policy
4. Owner's/Operator's Manual(s)
 - a. One (1) Hardcopy
 - b. One (1) Digital Copy
 - i. Acceptable Formats: CD, DVD, Flash Drive, or E-mail
5. Service Manual(s)
 - a. One (1) Hardcopy
 - b. One (1) Digital Copy
 - i. Acceptable Formats: CD, DVD, Flash Drive, or E-mail
6. Build Sheet(s) – as applicable
 - a. One (1) Hardcopy
 - b. Build sheets should be writing in plain language (not company specific codes) and include, at a minimum, all standard & optional features of the delivered unit.

NOTE: Invoices will not be processed for payment until the unit(s) have been inspected by the Equipment Engineer or their representative and deemed in compliance with the specifications.

BID SUBMITTALS

Any additions, deletions, or variations from the specifications should be noted in the "Bidder's Exceptions" page of this specification. Exceptions that are noted to be less than a minimum requirement will not be accepted.

Any additions, deletions or variations from the manufacturer's standard published specifications should be noted on the "Bidder's Exceptions" page of this specification. Unless otherwise noted, any items appearing in the manufacturer's standard published specifications furnished by the Bidder are assumed to be included in the Bidder's submittal.

Bidder should note on their submittal any installation(s) to the equipment that will be performed by the vendor instead of the manufacturer.

Failure to note any specification exceptions, manufacturer specification alterations, and/or vendor installations prior to award may result in rejection of the equipment at the time of delivery.

THE NUMBER OF DELIVERY DAYS AFTER RECEIPT OF ORDER (ARO) MAY BE USED AS A FACTOR IN THE AWARD.

EQUIPMENT SPECIFICATIONS

NOTICE TO BIDDERS

Bidder should review the detailed "Equipment Specification" completely and respond to the compliance question at the end of each section by marking "X", in the space provided, for "Yes" or "No". Mark "Yes" to indicate that the equipment bid meets the section exactly as specified. Mark "No" if there are exceptions to any part of that section. Exceptions/deviations to any part of the specification are to be detailed on the "Bidder's Exceptions" page of this specification.

IN ORDER TO BE CONSIDERED FOR AWARD, BIDDER SHOULD RETURN THIS SPECIFICATION, COMPLETED IN FULL, WITH THEIR BID SUBMITTAL.

Note: All values listed below are minimums unless noted otherwise.

1. Trailer Design & Construction

1.1. Nominal Bed Size: 7'x20'

1.1.1. Bed Dimensions

1.1.1.1. Width: 80"-83"

1.1.1.2. Length: 20', ±3"

Comply: ___ Yes ___ No

1.2. Gross Vehicle Weight Rating: 9,850 lbs.-10,000 lbs.

Comply: ___ Yes ___ No

1.3. Frame & Crossmembers

1.3.1. 5" channel or 5"x3"x¼" angle

1.3.2. Channel crossmembers, 16" OC

1.3.3. Rails

1.3.3.1. Round pipe or square tube top

1.3.3.2. Square tube or angle uprights

Comply: ___ Yes ___ No

1.4. Tongue

1.4.1. 5" channel or 5"x3"x¼" angle, wrap around

1.4.2. 2⁵/₁₆" ball coupler, adjustable height (rated capacity must exceed GVWR of trailer)

1.4.3. Two (2) safety chains with safety latch hooks

1.4.4. 7,000 lbs. capacity drop leg jack

Comply: ___ Yes ___ No

1.5. Axles, Suspension, & Brakes

1.5.1. Tandem axles, 5,200# rated capacity

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1.5.2. Multi-leaf spring suspension, designed for use by the trailer industry

1.5.3. Electric brakes on both axles

1.5.4. Electric breakaway kit with battery & charger

Comply: ___Yes ___No

1.6. Wheels & Tires

1.6.1. 6 lug, 15" black or silver wheels preferred, white acceptable

1.6.2. Four (4) first line, first quality, ST225/75R15

1.6.3. Combined load rating must equal or exceed gross axle weight rating (GAWR)

Comply: ___Yes ___No

1.7. Electrical & Lighting

1.7.1. Plug – 7-way RV-style

1.7.2. All lighting must be LED and must conform to latest Louisiana & Federal laws

1.7.3. Wiring harness to be sealed or ran in conduit for protection

1.7.3.1. Harness must be securely fastened to chassis and protected from damage by the use of non-metallic (rubber/plastic) grommets or bushings where it passes through holes in steel chassis.

1.7.3.2. Splices should be done with waterproof connectors plus sealed and covered with heat shrink tubing

1.7.3.3. "SCOTCH LOCK" OR SIMILAR INSULATION DISPLACEMENT CONTACT (IDC) QUICK SPLICE CONNECTORS ARE NOT ALLOWED

Comply: ___Yes ___No

1.8. Additional Features & Accessories

1.8.1. 4' fold down mesh gate

1.8.2. Spare tire and wheel with mount

1.8.3. Tongue mounted, lockable storage box, similar to below picture

1.8.3.1. Made from aluminum tread plate

1.8.3.2. Height should be low enough to not interfere with a top-wind jack (if applicable)



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1.8.4. License plate bracket

1.8.5. Welded stake pockets: One (1) stake pocket between each side rail upright

1.8.5.1. In lieu of stake pockets, ½" weld-on d-rings are acceptable

1.8.6. 2" high visibility conspicuity tape (red/white) on each side, full length

Comply: ___ Yes ___ No

1.9. Deck Flooring

1.9.1. 2" nom., rubber infused treated southern yellow pine ("Blackwood" or equal) or dense industrial grade rubber ("Blackwood Pro" or equal) decked lengthwise, screwed or bolted in place

Comply: ___ Yes ___ No

1.10. Paint: Manufacturer's standard, black or gray

Comply: ___ Yes ___ No

