



STATE OF LOUISIANA
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT
TECHNICAL SPECIFICATIONS FOR

4-BOLSTER LOG TRAILER

SERIES NO. 502-000
EQUIPMENT SPECIFICATION 502-000A

REV. 3/2/2021

General

These specifications describe the minimum requirements for a Tandem Axle, Bolster-Style, 80,000# GVWR Log Trailer.

This equipment shall be new, a production model of current manufacture, and must meet all state and Federal safety standards in effect at time of delivery.

Any proposed value that is less than a minimum requirement will not be accepted. Any additions, deletions, or variations from the following specifications should be noted in the Bidder's Proposal. Any items appearing in the manufacturer's regular published specifications furnished by the Bidder are assumed to be included in the "Bidder's Proposal." Any additions, deletions or variations from the manufacturer's regular published specifications should be outlined in an attached letter.

Typical Specifications

A Viking Specialized Trailers V4B40F and Pitts Trailers LT40-8L standard 4 bolster trailer with appropriate options, was used to develop these specifications.

Equipment of similar style, type, character, quality, features, and purpose conforming to the following detailed requirements/specifications will be considered. To that end and prior to award, the vendor must provide upon request any necessary manufacturer information (catalogue sheets, detailed specifications, pictures, etc.) for any of the exceptions taken on the bid proposal. This information will be evaluated to determine if the aforementioned exception(s) are equal.

These specifications used the standard options/features of the above listed items as the basis and minimum requirements for establishing equivalency.

Workmanship

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. Any defect/nonconformity, so noted, may be corrected by the vendor to the satisfaction of the Equipment Engineer or his representative. All defect/nonconformity corrections must be completed before invoices can be processed for payment.

Vendor installation of any portion of equipment unit(s) should be stated in "Bidder's Proposal". Failure to note such installations can result in rejection of the unit(s) at the time of delivery.

Proposed item(s) must be from a manufacturer who has an authorized dealer(s) within the State of Louisiana with properly trained technicians plus all other resources necessary to perform warranty and repair services on this piece of equipment. All such service must be performed in complete accordance with the manufacturer's requirements. A letter certifying the ability to meet this requirement inclusive of the address(es) of the authorized dealer(s) should be supplied with submittal and may be required prior to award.

Vendor should attach to bid a listing of the Louisiana locations where parts and service can be obtained.

Operation

Unit(s) must have been test run by the vendor for proper operation of all features and capabilities of the make and model described in the successful bidder's proposal, and documentation for verification of the test(s) may be required prior to acceptance by DOTD.

Delivery

Unit(s) delivered to DOTD must be completely assembled (including but not limited to all components, accessories, etc.) and ready for operation. Unit(s) must be delivered "on the ground;" DOTD will not unload from any trucks, trailers, vans, etc. Note: LADOTD will have space available for successful bidder to unload.

Service & Inspection

All dealer pre-delivery inspection (PDI) must be completed prior to acceptance. All fluid levels are to be at full mark. Fuel tank(s) to be full. Any necessary lubrication performed etc. Unit must be completely assembled and ready for operation without any additional preparation.

Descriptive Literature

ONE (1) COPY OF DESCRIPTIVE PRODUCT ADVERTISEMENT-LITERATURE (BROCHURES) SHOULD BE FURNISHED WITH BID.

One (1) copy of the "Build Sheet" should be supplied with each unit. The build sheets should include all standard & optional features of the delivered unit. The build sheet should be in plain language not company specific item codes.

Miscellaneous

Vehicle shall comply with Louisiana state and federal emission requirements in effect at time of delivery.

EACH PIECE OF EQUIPMENT WILL BE ACCOMPANIED BY:

1. Certificate of Origin
2. A notarized Bill of Sale
3. Dealer's Service Policy

4. Owner's/Operator's Manual - one printed copy & one digital copy (CD, DVD, flash drive, or via e-mail)
5. Service Manual(s) - one printed copy & one digital copy (CD, DVD, flash drive, or via e-mail)
6. Any Miscellaneous Manual(s) - one printed copy & one digital copy (CD, DVD, flash drive, or via e-mail)

Invoices will not be processed for payment until the delivered unit passes inspection for specification compliance.

TIME OF DELIVERY MAY BE CONSIDERED IN DETERMINING SUCCESSFUL BIDDER

NOTICE TO BIDDERS

Bidder should complete every item described in detail in the "Specification Descriptions" section by either entering a check mark in the space provided to indicate the item being bid is exactly as specified or enter a written description to indicate any proposed item which will deviate from the specifications.

THIS SPECIFICATION SHOULD BE EXECUTED IN ACCORDANCE WITH THE ABOVE INSTRUCTIONS AND RETURNED ALONG WITH BID AND LITERATURE TO BE CONSIDERED FOR AN AWARD.

EQUIPMENT SPECIFICATIONS

Note: All Values listed below are minimums unless noted.

| | SPECIFICATION DESCRIPTION | BIDDER'S PROPOSAL |
|---|--|-------------------|
| Log Trailer Technical Specifications | | |
| Type | Heavy duty, tandem axle, dual wheel, bolster-style log trailer. Must meet all applicable OSHA, FMVSS, DOT, and ICC requirements. | |
| GVWR | 80,000 lbs. | |
| Dimensions | <ul style="list-style-type: none"> Overall length – 42' (nominal) Overall width – 102" Bolsters – Four (4), standard spacing <ul style="list-style-type: none"> Bolster/Bunk - 4" x 10" x 5/16" tubing Uprights/Standards - 5" x 5" x 3/8" tubing | |
| Mainframe | <ul style="list-style-type: none"> 16" fabricated main beams (min.) <ul style="list-style-type: none"> 7/16" x 5" top flange 1/2" x 5" bottom flange 1/4" web welded on both sides 6"-9" center drop section All flange and web material must be high strength steel. | |
| Cross members | 8" x 8.5# Structural channel | |
| Floor | None, 1/4" smooth plate over kingpin and tandem areas | |
| Hitch | <ul style="list-style-type: none"> 2" SAE kingpin 3/8" kingpin plate 20" kingpin setting (standard) | |
| Suspension | Air Ride, compatible with rated axle capacity & GVWR | |
| Axles | <ul style="list-style-type: none"> Tandem, full width thru, oil bath type Each axle shall be rated at 25,000# capacity. | |
| Brakes | <ul style="list-style-type: none"> All wheel, 16-1/2" x 7", Type 30 brake chambers, outboard drums, automatic slack adjusters Meritor WABCO®(2S/1M) ABS on one axle | |
| Wheels | 10 Bolt Steel [24.5 x 8.25] Hub Pilot | |

EQUIPMENT SPECIFICATIONS

Note: All Values listed below are minimums unless noted.

| | SPECIFICATION DESCRIPTION | BIDDER'S PROPOSAL |
|-----------------------|---|--------------------------|
| Tires | Eight (8) first line, first quality, 11R x 24.5 Radials.; combined load rating must equal or exceed GVWR | |
| Landing Gear | Winch back, pipe or tube construction | |
| Electrical & Lighting | <ul style="list-style-type: none"> • 7-pole standard semi-type plug • Rubber mounted LED Lights (3 lights per side including mid-turn), Sealed Wiring Harness | |
| Accessories | <ul style="list-style-type: none"> • Rear Bumper - Heavy duty pipe push bumper and high visibility reflective tape • Tie downs - (6) Winches with (6) 4"x30' flat hook nylon straps | |
| Paint | Shot-blasted and painted black with a high solid polyurethane paint. Verification of paint system may be required. | |