



STATE OF LOUISIANA  
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
TECHNICAL SPECIFICATIONS FOR

**TRAILER, TANDEM AXLE, EQUIPMENT/CAR HAULER, 20,000 LBS. GVWR**

**SERIES NO. 520-000**

**REV. 2/14/2023**

**EQUIPMENT SPECIFICATION 520-000A**

**GENERAL**

This specification sets forth the minimum requirements for a 20 ft. tandem axle equipment/car hauler style trailer with 20,000 lbs. GVWR.

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**

A Diamond C trailers model LPX, with appropriate options and standard features, was used to develop these specifications and establish equivalency evaluation criteria.

Equipment of similar style, type, character, quality, features, and purpose conforming to the following detailed requirements/specifications will be considered. For evaluation purposes, bidder's 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:**

1. Notarized Bill of Sale
2. Certificate of Origin (MSO)
3. Dealer's Service Policy
4. Owner's/Operator's Manual(s)
  - a. One (1) Hardcopy
  - b. One (1) Digital Copy
    - i. Acceptable Formats: PDF delivered via USB “Flash Drive”, or E-mail
5. Service Manual(s)
  - a. One (1) Hardcopy
  - b. One (1) Digital Copy
    - i. Acceptable Formats: PDF delivered via USB “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

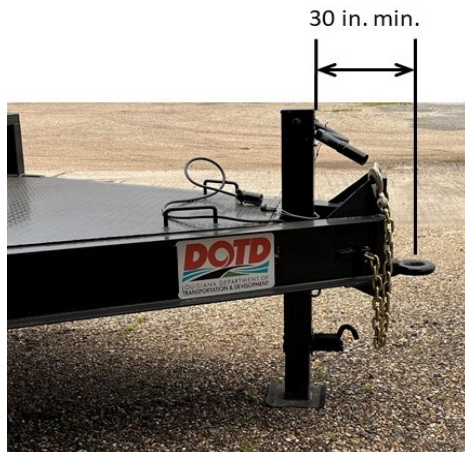
#### 1.1. General Details

- 1.1.1. Heavy duty, tandem axle, tag-along, low profile, car hauler style, equipment trailer.
- 1.1.2. Must meet all applicable OSHA, FMVSS, DOT, and ICC requirements.
- 1.1.3. Deck Dimensions
  - 1.1.3.1. Length: 20 ft. (18 ft. + 2 ft. dovetail)
  - 1.1.3.2. Width: 82"
- 1.1.4. GVWR: 20,000 lbs.

Comply: \_\_\_ Yes \_\_\_ No

#### 1.2. Frame & Tongue

- 1.2.1. Frame: 8" x 15 lb. I-beam w/integral tongue
- 1.2.2. Cross members: 3" I-beam on 16" centers
- 1.2.3. Tongue: 8" x 15 lb. I-beam, integral & cold die-formed w/frame rails
- 1.2.4. Hitch: adjustable height pintle ring
- 1.2.5. Jack: 12,000 lbs. drop leg, located as shown in 1.2.5.1
  - 1.2.5.1.



## EQUIPMENT SPECIFICATIONS

- 1.2.6. Heavy duty storage compartment in v-tongue, diamond plate top
- 1.2.7. 3/8" grade 70 safety chains with safety latch hook
- 1.2.8. 3/16" heavy duty diamond plate fenders
- 1.2.9. 2" x 3/8" rub rail w/stake pockets

Comply: \_\_\_Yes \_\_\_No

- 1.3. Axles, Brakes, Suspension
  - 1.4. 10,000 lbs. each axle, oil bath
  - 1.5. Electric brakes on both axles, self-adjust
  - 1.6. Torsion suspension
  - 1.7. Breakaway switch with battery & charger

Comply: \_\_\_Yes \_\_\_No

- 1.8. Wheels & Tires
  - 1.8.1. Black steel, 17.5" wheels, w/ST215/75R17.5 radial tires, 16-ply
  - 1.8.2. combined load must equal or exceed GVWR

Comply: \_\_\_Yes \_\_\_No

- 1.9. Lights & Wiring
  - 1.9.1. LED grommet mount, sealed lighting
  - 1.9.2. Wiring harness to be sealed or ran in conduit for protection
  - 1.9.3. Plug - 7 pole RV
  - 1.9.4. Lighting shall conform to latest Louisiana & Federal laws

Comply: \_\_\_Yes \_\_\_No

- 1.10. Deck, Dovetail & Ramps
  - 1.10.1. 2" nom. rubber infused pressure treated wood (Blackwood or equal), decked lengthwise, screwed or bolted in place
  - 1.10.2. 2' Dovetail, diamond plate with weld-on cleats
  - 1.10.3. 5 ft. long x 24" wide (min.) knee ramps
    - 1.10.3.1. Fold-up with spring assist
    - 1.10.3.2. Channel runners

Comply: \_\_\_Yes \_\_\_No

- 1.11. Accessories
  - 1.11.1. Matching spare tire & wheel, spare tire mount
  - 1.11.2. Two (2) 36" side steps, 1 on each side

Comply: \_\_\_Yes \_\_\_No

## BIDDER'S EXCEPTIONS

**Instructions:** Bidder should note all exceptions in space provided below. List the detail number from the aforementioned specification in the column to the left and the exception in the column to the right. Responses may be typed or hand-written. Handwritten responses must be legible. If additional space is needed, please print a duplicate copy of this sheet. "Bidder's Exceptions" page(s) should be returned with the bid submittal.

Examples:

|        |   |
|--------|---|
| 1.6    | Engine has 325 horsepower                   |
| 1.18.3 | Batteries have 2000 CCA combined.           |
| 2.2.8  | Crossmembers are 4" channel on 12" centers. |

**Spec./Detail  
Reference**

**Exception**

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STATE OF LOUISIANA  
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
TECHNICAL SPECIFICATIONS FOR

**7x16 TANDEM AXLE ENCLOSED UTILITY TRAILER, 10,000# GVWR CLASS**

**SERIES NO. 530-000  
EQUIPMENT SPECIFICATION 530-000J**

**REV. 2/14/2023**

**GENERAL**

This specification sets forth the minimum requirements for a 7'x16', 10,000 lbs. GVWR class, tandem axle enclosed cargo 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**

An Arising Trailers 7x16, with appropriate options and standard features, was used to develop these specifications and establish equivalency evaluation criteria.

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.

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**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: PDF delivered via USB “Flash Drive”, or E-mail
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## EQUIPMENT SPECIFICATIONS

### NOTICE TO BIDDERS

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

### 1. Design & Construction

#### 1.1. Basic Configuration

- 1.1.1. Enclosed cargo trailer
- 1.1.2. Nominal size: 7'x16' (16ft. not including V-nose)
- 1.1.3. V-nose or bull-nose
- 1.1.4. Interior height: 7'
- 1.1.5. GVWR: 10,000 lbs.

Comply: \_\_\_ Yes \_\_\_ No

#### 1.2. Frame & Tongue

- 1.2.1. 2x6 tube channel frame rails and tongue
- 1.2.2. Tube crossmembers on 16" centers, max.
- 1.2.3. 1-1/2" tube wall studs on 16" centers, max.
- 1.2.4. 1-1/2" tube roof bows on 24" centers, max.
- 1.2.5. 2<sup>5</sup>/<sub>16</sub>" adjustable ball coupler (rated capacity must exceed GVWR of trailer)
- 1.2.6. 5,000 lbs. drop foot jack

Comply: \_\_\_ Yes \_\_\_ No

#### 1.3. Axles & Brakes

- 1.3.1. Tandem, 5,200 lbs. each, torsion suspension
- 1.3.2. EZ-lube hubs, or equal
- 1.3.3. Four-wheel electric brakes

Comply: \_\_\_ Yes \_\_\_ No



## EQUIPMENT SPECIFICATIONS

### 1.4. Wheels & Tires

- 1.4.1. 16" steel wheels; black, or silver painted
- 1.4.2. ST235/80R16
- 1.4.3. Designed and rated for trailer service
- 1.4.4. Combined load rating must meet or exceed combined gross axle weight rating (GAWR)
- 1.4.5. Full size tire/wheel unit with carrier mount located at front of trailer

Comply: \_\_\_ Yes \_\_\_ No

### 1.5. Exterior Features

- 1.5.1. .030" white aluminum wall skin
- 1.5.2. Galvalume roof covering
- 1.5.3. 24" aluminum tread plate front stone guard
- 1.5.4. Aluminum tread plate fenders
- 1.5.5. No interior wheel wells
- 1.5.6. Two (2) closeable wall vents
- 1.5.7. 2" high visibility conspicuity tape (red/white) on each side, and back, full length at bottom edge

Comply: \_\_\_ Yes \_\_\_ No

### 1.6. Interior Features

- 1.6.1. Flooring: 3/4" plywood
- 1.6.2. Walls: 3/8" plywood
- 1.6.3. Two (2) horizontal E-tracks on each wall (one at 24" above floor and one at 48")
- 1.6.4. Six (6) 5,000 lb. recessed swivel D-rings (one at each corner, one at midpoint of each side)
- 1.6.5. LED strip lights, with switch

Comply: \_\_\_ Yes \_\_\_ No

### 1.7. Doors

- 1.7.1. Rear Door
  - 1.7.1.1. Full width heavy-duty rear ramp door with spring assist.
- 1.7.2. No side door

Comply: \_\_\_ Yes \_\_\_ No

### 1.8. Electrical

- 1.8.1. 7-way RV-style electrical plug
- 1.8.2. All lighting to be LED
- 1.8.3. Breakaway switch with battery & charger
- 1.8.4. Wiring harness to be sealed or ran in conduit for protection

## EQUIPMENT SPECIFICATIONS

**1.8.4.1.** Splices must be done with waterproof connectors plus sealed and covered with heat shrink tubing

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

**1.8.5.** Lighting shall conform to latest Louisiana & Federal laws

**Comply:** \_\_\_Yes \_\_\_No

**1.9.** Paint: Manufacturer's standard

**Comply:** \_\_\_Yes \_\_\_No

## BIDDER'S EXCEPTIONS

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Examples:

|        |   |
|--------|---|
| 1.6    | Engine has 325 horsepower                   |
| 1.18.3 | Batteries have 2000 CCA combined.           |
| 2.2.8  | Crossmembers are 4" channel on 12" centers. |

**Spec./Detail  
Reference**

**Exception**

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STATE OF LOUISIANA  
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
TECHNICAL SPECIFICATIONS FOR

**7x16 TANDEM AXLE UTILITY TRAILER, 10,000# GVWR CLASS**

**SERIES NO. 530-000**  
**EQUIPMENT SPECIFICATION 530-000I**

**REV. 2/8/2023**

**GENERAL**

This specification sets forth the minimum requirements for a 7'x16', 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 MP8316

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)**

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**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.

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.

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## EQUIPMENT SPECIFICATIONS

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

### 1. Trailer Design & Construction

1.1. Nominal Bed Size: 7ft. x 16ft.

1.1.1. Width: 80in. – 83in.

1.1.2. Length: 16ft.( ±3in.)

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. 2<sup>5</sup>/<sub>16</sub>" 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

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

## EQUIPMENT SPECIFICATIONS

**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 with spring assist

**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)



## EQUIPMENT SPECIFICATIONS

**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



## BIDDER'S EXCEPTIONS

**Instructions:** Bidder should note all exceptions in space provided below. List the detail number from the aforementioned specification in the column to the left and the exception in the column to the right. Responses may be typed or hand-written. Handwritten responses must be legible. If additional space is needed, please print a duplicate copy of this sheet. "Bidder's Exceptions" page(s) should be returned with the bid submittal.

Examples:

|        |   |
|--------|---|
| 1.6    | Engine has 325 horsepower                   |
| 1.18.3 | Batteries have 2000 CCA combined.           |
| 2.2.8  | Crossmembers are 4" channel on 12" centers. |

**Spec./Detail  
Reference**

**Exception**

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STATE OF LOUISIANA  
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
TECHNICAL SPECIFICATIONS FOR

**102"x24' TANDEM AXLE UTILITY TRAILER, DECKOVER WITH DOVE TAIL, 20,000# GVWR CLASS**

**SERIES NO. 520-000**

**REV. 2/14/2023**

**EQUIPMENT SPECIFICATION 520-000C**

**GENERAL**

This specification sets forth the minimum requirements for a 102"x 24' heavy duty tandem axle, deck over, 20,000 lbs. GVWR 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**

A Diamond C Trailers model DEC, with appropriate options and standard features, was used to develop these specifications and establish equivalency evaluation criteria.

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: PDF delivered via USB “Flash Drive”, or E-mail
5. Service Manual(s)
  - a. One (1) Hardcopy
  - b. One (1) Digital Copy
    - i. Acceptable Formats: PDF delivered via USB “Flash Drive”, or E-mail
6. Build Sheet(s) – as applicable
  - a. One (1) Hardcopy
  - b. Build sheets should be written 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. General Details

- 1.1.1. Heavy duty, tandem axle, deck over with dovetail equipment trailer
- 1.1.2. GVWR: 20,000lbs.
- 1.1.3. Dimensions
  - 1.1.3.1. Length: 24ft. (19ft. + 5ft. dovetail)
  - 1.1.3.2. Overall width: 102in.

Comply: \_\_\_ Yes \_\_\_ No

#### 1.2. Frame & Crossmembers

- 1.2.1. Frame: 8in. x 15lb. I-beam w/ integral tongue
- 1.2.2. Crossmembers: 3in. channel cross members (16in. on center maximum)
- 1.2.3. 2in. x 3/8in. rub rail with stake pockets

Comply: \_\_\_ Yes \_\_\_ No

#### 1.3. Tongue

- 1.3.1. Tongue: 8in. x 15lb. cold die-formed
- 1.3.2. Hitch: adjustable height pintle ring
- 1.3.3. Drop leg jack, 12,000lbs.
- 1.3.4. Heavy duty chain tray in tongue
- 1.3.5. Two (2), safety chains grade 70, with latch hooks

Comply: \_\_\_ Yes \_\_\_ No

#### 1.4. Suspension, Axles & Brakes

- 1.4.1. Tandem, full width thru, oil bath type 10,000 lbs. each
- 1.4.2. Torsion suspension
- 1.4.3. Electric brakes on both axles, self-adjust
- 1.4.4. Electric breakaway kit w/ charger

## EQUIPMENT SPECIFICATIONS

Comply: \_\_\_ Yes \_\_\_ No

### 1.5. Wheels & Tires

- 1.5.1. 17.5" Black Mod Wheels
- 1.5.2. First line, first quality
- 1.5.3. ST 215/75R17.5 radial, 16-ply
- 1.5.4. Combined load rating must equal or exceed GVWR
- 1.5.5. Spare tire and mount

Comply: \_\_\_ Yes \_\_\_ No

### 1.6. Electrical & Lighting

- 1.6.1. LED grommet mount, sealed lighting
- 1.6.2. Plug - 7 pole
- 1.6.3. Lighting shall conform to latest Louisiana & Federal laws
- 1.6.4. Sealed wiring harness. 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.

Comply: \_\_\_ Yes \_\_\_ No

### 1.7. Deck, Dovetail & Ramps

- 1.7.1. 12" front bump rail
- 1.7.2. 2" nom., rubber infused treated southern yellow pine ("Blackwood" or equal) decked lengthwise, screwed or bolted in place on outer deck
- 1.7.3. Dovetail & Ramps
- 1.7.4. 5' open cleated dovetail
- 1.7.5. Spring assisted, wedge-style fold over ramps
  - 1.7.5.1. "Monster", "Mega", "Max" or equal style ramps that, when folded for transport, create a flat surface even with the deck
- 1.7.6. Two (2) side steps, one (1) each side, at front
- 1.7.7. 2" high visibility conspicuity tape (red/white) on each side, full length

Comply: \_\_\_ Yes \_\_\_ No

### 1.8. Paint: Manufacturer's standard

Comply: \_\_\_ Yes \_\_\_ No

## BIDDER'S EXCEPTIONS

**Instructions:** Bidder should note all exceptions in space provided below. List the detail number from the aforementioned specification in the column to the left and the exception in the column to the right. Responses may be typed or hand-written. Handwritten responses must be legible. If additional space is needed, please print a duplicate copy of this sheet. "Bidder's Exceptions" page(s) should be returned with the bid submittal.

Examples:

|               |  |
|---------------|--|
| <u>1.6</u>    | <u>Engine has 325 horsepower</u>                   |
| <u>1.18.3</u> | <u>Batteries have 2000 CCA combined.</u>           |
| <u>2.2.8</u>  | <u>Crossmembers are 4" channel on 12" centers.</u> |

**Spec./Detail  
Reference**

**Exception**

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STATE OF LOUISIANA  
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
TECHNICAL SPECIFICATIONS FOR

**7x20 TANDEM AXLE TRAILER, FULL TILT DECK, 14,000# GVWR**

**SERIES NO. 530-000**

**REV. 2/14/2023**

**EQUIPMENT SPECIFICATION 530-000K**

**GENERAL**

This specification sets forth the minimum requirements for a tandem axle, 14,000# GVWR trailer, with a full tilt bed 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**

A Big Tex 14FT-20BK, with appropriate options and standard features, was used to develop these specifications and establish equivalency evaluation criteria.

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: PDF delivered via USB “Flash Drive”, or E-mail
5. Service Manual(s)
  - a. One (1) Hardcopy
  - b. One (1) Digital Copy
    - i. Acceptable Formats: PDF delivered via USB “Flash Drive”, or E-mail
6. Build Sheet(s) – as applicable
  - a. One (1) Hardcopy
  - b. Build sheets should be written 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. GVWR: 14,000 lbs.
- 1.2. Bed Dimensions, Frame & Crossmembers
  - 1.2.1. Length: 20 ft. ( $\pm 3$ in.)
  - 1.2.2. Width: 80in. - 83in.
  - 1.2.3. 6 in. (minimum) channel, or I-beam frame
  - 1.2.4. 3 in. (minimum) channel or square tubing crossmembers
  - 1.2.5. 2 piece main frame
  - 1.2.6. Heavy-duty 14ga. diamond plate fenders (removable)
  - 1.2.7.  $\frac{3}{16}$  in. Front stop rail

Comply: \_\_\_Yes \_\_\_No

### 1.3. Tongue

- 1.3.1. 6 in. (minimum) fold back channel
- 1.3.2.  $2\frac{5}{16}$ " ball coupler, with adjustable height (rated capacity must exceed GVWR of trailer)
- 1.3.3. Jack: 12,000 lbs. drop leg jack
- 1.3.4. Dual safety chains Grade 70 with safety latch hook

Comply: \_\_\_Yes \_\_\_No

### 1.4. Tilt Deck

- 1.4.1. Hydraulic dampening system
- 1.4.2. Full tilt deck, 75" wide tilt platform
- 1.4.3.  $\frac{1}{4}$ " Diamond plate knife edge on rear

Comply: \_\_\_Yes \_\_\_No

### 1.5. Axles, Brakes, Suspension

- 1.5.1. Tandem axles
- 1.5.2. 7,000# gross axle weight rating, EZ Lube hubs (both)

## EQUIPMENT SPECIFICATIONS

- 1.5.3. Electric brakes on both axles
- 1.5.4. Breakaway switch with battery & charger
- 1.5.5. Multi-Leaf springs with equalizer

### 1.6. Wheels & Tires

- 1.6.1. 8 lug, 16" x 6"
- 1.6.2. First line, first quality tires
- 1.6.3. ST235/80 R-16
- 1.6.4. Combined load rating must equal or exceed combined gross axle weight rating (GAWR)
- 1.6.5. One (1) matching spare tire and wheel with mount

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. Deck Flooring

- 1.8.1. 2" nom., rubber infused treated southern yellow pine ("Blackwood" or equal) decked lengthwise, screwed or bolted in place

Comply: \_\_\_ Yes \_\_\_ No

### 1.9. Accessories

- 1.9.1. License plate bracket
- 1.9.2. Welded stake pockets with rubrail
- 1.9.3. 2" high visibility conspicuity tape (red/white) on each side, full length

Comply: \_\_\_ Yes \_\_\_ No

### 1.10. Paint Manufacturer's standard

Comply: \_\_\_ Yes \_\_\_ No

## BIDDER'S EXCEPTIONS

**Instructions:** Bidder should note all exceptions in space provided below. List the detail number from the aforementioned specification in the column to the left and the exception in the column to the right. Responses may be typed or hand-written. Handwritten responses must be legible. If additional space is needed, please print a duplicate copy of this sheet. "Bidder's Exceptions" page(s) should be returned with the bid submittal.

Examples:

|        |   |
|--------|---|
| 1.6    | Engine has 325 horsepower                   |
| 1.18.3 | Batteries have 2000 CCA combined.           |
| 2.2.8  | Crossmembers are 4" channel on 12" centers. |

**Spec./Detail  
Reference**

**Exception**

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STATE OF LOUISIANA  
DEPARTMENT OF TRANSPORTATION AND DEVELOPMENT  
TECHNICAL SPECIFICATIONS FOR

**7x14 TANDEM AXLE ENCLOSED UTILITY TRAILER, 10,000# GVWR CLASS**

**SERIES NO. 530-000**

**REV. 2/7/2023**

**EQUIPMENT SPECIFICATION 530-000F**

**GENERAL**

This specification sets forth the minimum requirements for a 7'x14', 10,000 lbs. GVWR class, tandem axle enclosed cargo 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**

An Arising Trailers 7x14, with appropriate options and standard features, was used to develop these specifications and establish equivalency evaluation criteria.

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: PDF delivered via USB “Flash Drive”, or E-mail
5. Service Manual(s)
  - a. One (1) Hardcopy
  - b. One (1) Digital Copy
    - i. Acceptable Formats: PDF delivered via USB “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.

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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. Design & Construction

#### 1.1. Basic Configuration

- 1.1.1. Enclosed cargo trailer
- 1.1.2. Nominal size: 7ft.x14ft. (14ft. not including V-nose)
- 1.1.3. V-nose or bull-nose
- 1.1.4. Interior height: 7ft.
- 1.1.5. GVWR: 10,000 lbs.

Comply: \_\_\_ Yes \_\_\_ No

#### 1.2. Frame & Tongue

- 1.2.1. 2x6 tube channel frame rails and tongue
- 1.2.2. Tube crossmembers on 16" centers, max.
- 1.2.3. 1-1/2" tube wall studs on 16" centers, max.
- 1.2.4. 1-1/2" tube roof bows on 24" centers, max.
- 1.2.5. 2<sup>5</sup>/<sub>16</sub>" adjustable ball coupler (rated capacity must exceed GVWR of trailer)
- 1.2.6. 5,000 lbs. drop foot jack

Comply: \_\_\_ Yes \_\_\_ No

#### 1.3. Axles & Brakes

- 1.3.1. Tandem, 5,200 lbs. each, torsion suspension
- 1.3.2. EZ-lube hubs, or equal
- 1.3.3. Four-wheel electric brakes

Comply: \_\_\_ Yes \_\_\_ No

## EQUIPMENT SPECIFICATIONS

### 1.4. Wheels & Tires

- 1.4.1. 16" steel wheels; black, or silver painted
- 1.4.2. ST235/80R16
- 1.4.3. Designed and rated for trailer service
- 1.4.4. Combined load rating must meet or exceed combined gross axle weight rating (GAWR)
- 1.4.5. Full size tire/wheel unit with carrier mount located at front of trailer

Comply: \_\_\_ Yes \_\_\_ No

### 1.5. Exterior Features

- 1.5.1. 0.030" white aluminum wall skin
- 1.5.2. Galvalume roof covering
- 1.5.3. 24" aluminum tread plate front stone guard
- 1.5.4. Aluminum tread plate fenders
- 1.5.5. No interior wheel wells
- 1.5.6. Two (2) closeable wall vents
- 1.5.7. 2" high visibility conspicuity tape (red/white) on each side and back, full length at bottom edge

Comply: \_\_\_ Yes \_\_\_ No

### 1.6. Interior Features

- 1.6.1. Flooring: 3/4" plywood
- 1.6.2. Walls: 3/8" plywood
- 1.6.3. Two (2) horizontal E-tracks on each wall (one at 24" above floor and one at 48")
- 1.6.4. Six (6) 5,000 lb. recessed swivel D-rings (one at each corner, one at midpoint of each side)
- 1.6.5. LED strip lights, with switch

Comply: \_\_\_ Yes \_\_\_ No

### 1.7. Doors

- 1.7.1. 32" side entry door
  - 1.7.1.1. Right hand hinge
  - 1.7.1.2. Swing out
  - 1.7.1.3. Located on curb side
- 1.7.2. Rear Door: Full width heavy-duty rear ramp door with spring assist

Comply: \_\_\_ Yes \_\_\_ No

### 1.8. Electrical

- 1.8.1. 7-way RV-style electrical plug
- 1.8.2. All lighting to be LED
- 1.8.3. Breakaway switch with battery & charger
- 1.8.4. Wiring harness to be sealed or ran in conduit for protection

## EQUIPMENT SPECIFICATIONS

**1.8.4.1.** Splices must be done with waterproof connectors plus sealed and covered with heat shrink tubing

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

**1.8.5.** Lighting shall conform to latest Louisiana & Federal laws

**Comply:** \_\_\_Yes \_\_\_No

**1.9.** Paint: Manufacturer's standard

**Comply:** \_\_\_Yes \_\_\_No



## BIDDER'S EXCEPTIONS

**Instructions:** Bidder should note all exceptions in space provided below. List the detail number from the aforementioned specification in the column to the left and the exception in the column to the right. Responses may be typed or hand-written. Handwritten responses must be legible. If additional space is needed, please print a duplicate copy of this sheet. "Bidder's Exceptions" page(s) should be returned with the bid submittal.

Examples:

|        |   |
|--------|---|
| 1.6    | Engine has 325 horsepower                   |
| 1.18.3 | Batteries have 2000 CCA combined.           |
| 2.2.8  | Crossmembers are 4" channel on 12" centers. |

**Spec./Detail  
Reference**

**Exception**

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