Vendor to deliver one (1) 2024 Refrigerated Trailer for the State of Louisiana, Louisiana Department of Agriculture and Forestry. To be delivered to The Louisiana Department of Agriculture and Forestry Baton Rouge Office 5825 Florida Blvd., Baton Rouge, LA 70806.

**GENERAL:**

**Geometric Dimensions:**

Overall Height – 13’ 6”

Overall Length – 48’ 0”

Overall Exterior Width – 101”- 103”

Landing Gear Location – 147.0” From Kingpin

Undercarriage Design – Tandem Axle, Slide Air-Ride Suspension

**Front:**

Document Holder – Standard

**Rear:**

Rear Frame Type – Swing Door Frame

Rear Bumpers – Rubber Dock Bumper

Rear Impact Guard – Galvanized Rear Impact Guard, Bolt on Vertical, Weld on Horizontal

**Rear Doors:**

Swing Rear doors – Frame Type Swing with Triple Seal Gasket and White Exterior Finish Cover Sheet

Lockrod – 1 Per Door

**Roof Options:**

Roof Sheet – Aluminum

**Floor:**

Type of Floor – Flat Grocer Style

Front and Rear Floor Gutter – Install Front Gutters and Front Drains, Install Rear Gutters and Rear Drains

Floor needs to be flat

**Lining / Scuffband:**

Rows of Side Scuffband – 1 Row

**Scuff / Logistic Track:**

Scuffband Location (Row One) – Installed at Floor Level

**Understructure:**

Landing Gear Foot / Shoe Type – 10” X 10” Cushion Foot

Landing Gear Handle Location – Roadside

**Suspension:**

Model of Suspension – Air Ride Suspension

**Rear Ramps and Mud Flaps:**

Mudflaps – Smooth Black with Logo

Mudflap Quantity/Bracket Material – 1-Pair

Mudflap Mounting Location – On Undercarriage

**Brakes, Tire Inflation system and Wheel Ends:**

Brake Size – 16.50” X 7.00”

**Tires/Wheels/Hubs and Drums:**

Rim/Disc Wheel Size – 22.5” X 8.25”

Wheel Type – 22.5” Standard

Wheel Stud Options – Long Studs

Tire Size – 295/75R 22.5

**Electrical:**

Exterior Light Package – All Lights LED, Long Life Light system, AMP Connector, Dot Lamps

**Finish/Paint/Decal:**

Front Finish – Pre-Painted White

Side Finish – Pre-Painted White

Rear Frame Finish – Stainless Steel

Rear Door Finish – White Exterior Finish

Wheel Finish – White Powder Coat

Conspicuity Treatment Location – Bottom Rail

**Insulation:**

Front Insulation – 2”- 4” Urethane

Side Insulation – 2.00” Urethane

Roof Insulation – 2” - 3.00” Urethane

Rear Door Insulation – 2” - 3.00" Urethane

Floor Insulation – 2” – 4” Urethane

**Refrigeration:**

Standard Features:

Smart REEFER SR-4 Controller

Diesel Direct Electric (DDE) architecture with ETV

Microchannel condenser coils

2-Speed Evaporator

Easy – Access door design

50-gallon aluminum undermount fuel tank level gauge

**Refrigeration Capacity:**

Engine Power w/ETV:

35 degree F BTU/Hr – 59,000 Watts – 16,998

0 degree F BTU/Hr – 34,000 Watts- 9,964

-20 degree F BTU/Hr – 21,000 Watts – 6,154

Heating Capacity:

BTU/HR – 50,000

Airflow Capacity:

Volume at 0 Pa static pressure

Engine: four cylinder, direct injection, liquid cooled

RPM at high speed 2,200

RPM at low speed 1,450

Hp Rating at 2,200 RPM 24.0

Oil Capacity 12qt

Maintenance Interval 3,000hrs

Compressor: Lightweight aluminum alloy body, heads, and pump

Displacement – 30.0in

Refrigerant (Zero Ozone Depletion Potential (ODP), internationally approved R404A:

Charge 14.5lbs

System weight 1, 863lbs.

50 gallon fuel tank (with bracket) 76lbs