

023-19 – Appendix A – Group 2 SPECIFICATION, JEA CLASS 131: 22' WALK IN VAN (JEA WATER)

1. SCOPE

It is the intent of the JEA to purchase **ONE (1) 22' WALK-IN VAN**. VAN must be tested and delivered to JEA Fleet Facility (5717 New Kings Road Jacksonville, Florida 32209) in complete operational condition, with all required equipment and documentation by **SEPTEMBER 25, 2019**. Liquidated Damages (\$50.00 Per Unit, Per Day) start **September 25, 2019**.

2. MODEL:

New, current model year production **22' WALK IN VAN** (Freightliner MT-55 or Equal) with **BOSS On-Board Air Compressor (PTO)**. Reference: **JEA Unit # 71652** for **Layout/Design Details** and clarification.



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3. CHASSIS (Freightliner MT55 or Equal). DIMENSIONS INCLUDE VAN BODY

- 3.1 **Single Axle / Dual Rear Wheel** Chassis (29,000 LB GVWR).
- 3.2 **WB:** 216" (18').
- 3.3 **Height:** 85H. Level Ground to Highest Point on Vehicle Not to Exceed 138".
- 3.4 **Overall Length:** Not to Exceed 384".
- 3.5 **Width:** 93.5W
- 3.5 **Max Speed:** 72 MPH .

4. ENGINE (REQUIRE CUMMINS B6 DUE TO RELIABILITY / DURABILITY)

- 4.1 Horse Power: Minimum **260 HP**.
- 4.2 Torque Range: Minimum **650 lbs.**

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4.3 **No** Automatic Idle Shutdown.

4.4 Block Heater.

4.6 Engine warning and shut down system.

5. TRANSMISSION

5.1 Allison RDS 2500.

5.2 PTO Provision

6. REAR AXLE (19,000 LB)

6.1 **Air Ride** / MAX GVWR Rating Available with Manual Dump Valve.

6.2 Locking Differential.

7. FRONT AXLE (10,000 LB)

7.1 Max GVWR Available with Oil Bathed Bearing/Hubs.

8. TIRES

8.1 22.5 to match GVWR, All Season Tread.

9. BRAKES **(AIR DISC WITH SHIELDS)**

9.1 Air **DISC Brakes** With Shields.

9.2 Anti-lock braking system.

9.3 Automatic drain valves.

9.4 Air Dryer.

9.5 Low Air Pressure Warning System.

10. COOLING SYSTEM

10.1 Heavy duty extra cooling capacity, largest available from manufacturer.

11. FUEL TANK AND DEF TANK

11.1 Minimum **60** gallon useable fuel capacity.

11.2 Minimum **10** gallon diesel exhaust fluid capacity.

12. ELECTRICAL AND LIGHTING (NO SCOTCH LOCK CONNECTIONS)

12.1 **Meters:** Speed, tachometer, hour meter, transmission temperature, engine oil pressure, engine temperature, charging system, fuel level, air pressure and diesel exhaust fluid level (In Cab / Dash Mounted).

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- 12.2 **Auxiliary / Accessory Fuse BLOCK/Lugs:** To wire GPS, Fuel Rings, JEA RADIO, DC Accessory Power Outlets & Etc. See Example Below. Wire to Waterproof Resettable Breaker so we can isolate from vehicle if needed.

Blue Sea Systems ST Blade ATO/ATC Fuse Blocks
Style Name: 12-Circ Split w/Cover & Neg



- 12.3 **MASTER SWITCH WITH LOCKOUT/TAGOUT:** In Cab (Mitigate Dead Batteries Due To GPS, Fuel Rings & Etc.).
EXAMPLE: TR SERIES DUAL POLE MASTER DISCONNECT SWITCH (500A • DPST • IP67/IP69k • Integrated Lock-Out Tag-Out). Mount close to batteries with proper size / type wire and connections.



- 12.4 **All Cab / Chassis Lights, Including Headlights:** LED ONLY.
- 12.5 **4 Corner Mounted LED Strobe Slights:** 8 Count (4 Upper Corners and 4 Lower Corners).
- 12.6 **Auxiliary Battery Jump Ports:** Insulated remote posts protected and mounted Drivers Side & Accessible.



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- 12.7 **DC Accessory Power Outlets:** THREE DC Power Outlets in cab for accessories with spring loaded cover (For Cell Phone Chargers & Etc.). See example below (NAPA Part Number & Picture): NAPA Part # BK 7821773 or equal. Power/Wire to the Auxiliary / Accessory Fuse BLOCK



- 12.8 **Mirrors:** Power, Extendable and Heated Mirrors.
- 12.9 Cruise Control and Intermittent Windshield Wipers.
- 12.10 Backup Camera (7" or 8" Color Monitor) and Backup Alarm.
- 12.11 AM / FM / Weather Band Stereo with Auxiliary Input and [Bluetooth/Hands Free](#).
- 12.12 Factory installed air conditioner and heater.
- 12.13 **LED AREA LIGHTS:** under Driver & Passenger Steps and under Rear Bumper.
- 12.14 **LED Lighting** in all Utility Bins and Drawers.
- 12.15 **LED Scene Lights:** 2 Count, 1 LH and 1 RH. Mount centered, 4" to 8" below roof.
- 12.16 LED Cab Dome Light: LED
- 12.17 LED Cargo Lights: 2 mounted above rear doors.
- 12.18 50 AMP 120V/240V Service Panel with Shore Power and Transfer Switch. Mount Shore Power Plug Right Rear/Outside Lower Corner of Van Body.
- 12.19 120V 15 AMP Dual Exterior Weatherproof Outlets: 2 Count, LH and RH Lower Rear Sidewalls.
- 12.20 120V 15 AMP Dual Interior Outlets: 4 Count. Reference existing JEA Unit for exact locations.

13. ADDITIONAL REQUIRED EQUIPMENT

- 13.1 Tilt Wheel.
- 13.2 Front bumper.
- 13.3 **Air Ride Seats** with **Collapsible Armrest** and **Headrest** (Driver & Passenger Seats).
- 13.4 **Tow/Recovery Hooks:** Front.
- 13.5 **Window Tint:** driver, passenger & rear windows (Max Legal in FL).
- 13.6 **Cup Holders:** Minimum 2.

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- 13.8 **Tow PACKAGE / Pintle Hook:** Class-3 Towing Package with 7 Pin Round Trailer Plug, Electric Brake Controller & Pintle / 2" Ball Combination Insert (Make Model: TOW READY # 63011 and # 63057).



- 13.9 **TWO Collapsible Cone Holders (JEA Standard / TEMPLATE):** Mounted Center / Front Bumper.



- 13.10 Fuel Fill Door and Closer.

- 13.11 DEF Tank Fill Door and Closer.

14. VAN BODY AND ATTACHMENTS (REFERENCE/MATCH JEA Unit # 71652)

- 14.1 Insulate Driver/Passenger Cabin (Include Cab Floor Matting) and Cargo Area Including Roof.
- 14.2 Sun Visors: Adjustable LH and RH
- 14.3 Work Tables/Trays: Engine Cover and RH Dash Height.
- 14.4 Interior / Forward / Roof Mounted Console with Lockable Storage Compartments.
- 14.5 14" Fantastic Fans (Powered): 2 Count (Roof Mounted).
- 14.6 Skylight: 24" Wide X Full Length Cargo Area.
- 14.7 Rear Bumper: 12" Grip Strut with 30" Wide X 12" Deep Fold Down Step.
- 14.8 Battery Tray with Slide Out, RH (3 Battery Capacity): Accessible from outside with lockable/ vented door.
- 14.9 5 Gallon Water Keg Bracket: RH Interior Door. Include 5 Gallon Water Keg.

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- 14.10 Slider Lockable Doors with Slider Windows, LH and RH.
- 14.11 4" Lowered Stepwells, LH and RH.
- 14.12 Rear Swing Doors with 12" X 18" Fixed Windows.
- 14.13 Pipe Storage Compartment with Swing Door LH: Lockable with various size dividers and accessible from rear/outside the vehicle.
- 14.14 Tamp Storage Compartment with Vented Lockable Door: RH Rear Outside Accessible.



- 14.15 Underfloor Lockable Weatherproof Drawers LH: 2 Count, Rear Outside Accessible.
- 14.16 **BOSS Air Compressor:** 185 CFM Underdeck PTO Air Compressor plumbed LH and RH Rear Bumper. Install Louver/Shroud RH.
- 14.17 **INVERTER:** 3000W INDUSTRIAL/COMMERCIAL. Include 3 AGM Batteries.
- 14.18 Vented Fuel Can Storage Compartment LH: Lockable and accessible from outside.
- 14.19 RACKS and BRACKETS: 2 Boot Racks and Shovel/Rake Brackets.
- 14.20 JACK HAMMER RACK



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14.21 SHELVING and WORK BENCHES: EZ STAK or Equal. Reference Drawings and Current In-Service JEA Unit # 71652.

14.22 **Shelving Dividers**

- 60 count dividers sized 8" tall x 16 ¼" long.
- 20 count dividers sized 3" tall x 16 ¼" long.
- 50 count dividers sized 4" tall x 16 ¼" long.
- 25 count dividers sized 3" tall x 22 ¼" long.
- 10 count dividers sized 4" tall x 22 ¼" long.

14.23 Aluminum Wash Tank with Ball Valve: Mount to Inside LH Rear Door.



15. **COLOR / GRAPHICS**

15.1 White exterior.

15.2 Delete all vendor and manufacturer identification decals **except required** safety & reference identification tags, decals, data plates & placards.

16. **MANUALS, VIDEOS, KEYS & OPERATOR ORIENTATION**

16.1 Two sets of operator manuals per unit (Hard Copies). One electronic copy.

16.2 KEY UNIT THE SAME AS CURRENT JEA MT-55 Water/Waste Water VAN (Unit # 71652). **(5)** complete sets of keys per unit Including Attachments, Bins & Tool Boxes. Key All Bins & Tool Boxes Alike. **Stamp/Engrave** JEA PROVIDED **5 Digit** Unit Number On All Keys.

16.3 (1) On-Site JEA Operator Orientation Classes (Complete Unit Overview: Chassis & Attachments).

16.4 (1) On-Site JEA Maintenance Orientation Classes (Complete Unit: Chassis & Attachments).

16.5 Include a paper copy **Specification / Build Sheet / Drawings** in all units including Key Codes.

17. **DRAWINGS** (One Hard Copy and One Electronic Copy)

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- 17.1 Scaled Drawings will be provided to JEA upon receipt of order. Drawings will include all interior/exterior and equipment layout details & dimensions. Final Drawings / Layout will be approved by JEA before work is started. Include one electronic copy (Flash Drive).

18. WARRANTY

- 18.1 Minimum (1) One Year warranty on Chassis & All Attachments (Parts, Travel & Labor). Must include all standard manufacturer warranties on Cab/Chassis, Van Body and All Attachments/Components.
- 18.2 OPTIONAL 1 YEAR EXTENDED WARRANTY on Chassis & All Attachments (Parts, Travel & Labor): Quote Separately.

19. OTHER REQUIREMENTS

- 19.1 Purchase / Install CITY License Plates.
- 19.2 Install JEA provided Branding / Decals.
- 19.3 **Install JEA Provided Safety Equipment:** Purple-k fire extinguisher, first aid kit and key safe.
- 19.4 Current **DOT** Inspection / Certification with Decal installed lower left inside corner of windshield.
- 19.5 Must include/document the **Vin Number, Make, Model, Description** and **JEA Provided 5 Digit Unit Number** on all Invoices and Change Order Invoices.
- 19.6 Install **Vehicle Height Warning Placard** with Maximum Height (Feet / Inches) in cab on the dash (Drivers View).
- 19.7 Reflective Roadside Triangle Warning/Hazard Kit.



- 19.8 **SEAT BELTS:** Fluorescent Green or ORANGE COLOR

NOTE: All Units, Attachments, Products & Services must meet & comply with all applicable regulations and specifications including but not limited to Federal and State Laws, OSHA Regulations, ANSI Standards, DOT Regulations and ASTM Standards. All Units must be delivered to the JEA Fleet Facility with a minimum $\frac{3}{4}$ tank of fuel. Contact **Mark Murray** at **904-328-8501** 48 Hours prior to delivery. Delivery times are **Monday** through **Friday 08:00 AM – 03:00 PM** at **5717 New Kings Road Jacksonville Florida, 32209.**

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