

**ADDENDUM 3 - APPENDIX A - TECHNICAL SPECIFICATIONS  
ONE (1) 3 TON 4X2 CARGO REEL CAB/CHASSIS**

**ITN 88543 FLEET SERVICES FY17 VEHICLE PURCHASES,  
ONE (1) 3 TON 4X2 CARGO REEL CHASSIS AND  
ONE (1) 3 TON 4X2 HYDRANT TRUCK**

**1. SCOPE**

It is the intent of the JEA to purchase **ONE (1) 3T 4X2 CARGO REEL REGULAR CAB/CHASSIS** (Chassis Only). Truck Chassis 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 **June 16<sup>th</sup> 2017**.

**2. MODEL:**

New, current model year production **Class-7** Cab / Chassis (Freightliner M2 106 or Equal). Reference: **JE A Unit # 5969** (VIN # 1HTJTSKNXBH322703) for Required Dimensions/Layout to Mount Modified Refurbished FLATBED/REEL Body and clarification.

**NOTE:** CARGO REEL FLATBED Attachment will be extended 24" to 30".

**3. Cab / Chassis (CLASS-7). REGULAR CAB**

- 3.1 **Class-7** Single Screw **Cab/Chassis** (38,000 LB GVWR)
- 3.2 **CA:** Not to Exceed **180"**.
- 3.3 **WB:** Not to Exceed **246"**.
- 3.4 **Overall Height** from Level Ground to Highest Point on Vehicle Not to Exceed **130"**
- 3.5 **Overall Length:** Not to Exceed **420"**
- 3.6 Set **Max Speed** at **72 MPH**

**4. ENGINE (REQUIRE CUMMINS ISL9 DUE TO RELIABILITY / DURABILITY)**

- 4.1 Horse Power: Minimum **330 HP**.
- 4.2 Torque Range: Minimum **750 lbs.** to **1000 lbs.**
- 4.3 **No** Automatic Idle Shutdown
- 4.4 Block Heater
- 4.6 Engine warning and shut down system.

**5. TRANSMISSION**

- 5.1 Allison RDS 3500.

**ADDENDUM 3 - APPENDIX A - TECHNICAL SPECIFICATIONS  
ONE (1) 3 TON 4X2 CARGO REEL CAB/CHASSIS**

**ITN 88543 FLEET SERVICES FY17 VEHICLE PURCHASES,  
ONE (1) 3 TON 4X2 CARGO REEL CHASSIS AND  
ONE (1) 3 TON 4X2 HYDRANT TRUCK**

**6. REAR AXLE**

- 6.1 **Air Ride** / 23K with manual dump valve
- 6.2 Locking Differential

**7. FRONT AXLE**

- 7.1 14,600 lb. with Oil Bathed Bearing/Hubs.

**8. TIRES**

- 8.1 **FRONT:** 11R 22.5 to match GVWR, All Season Tread.
- 8.2 **REAR:** 385 SUPER SINGLES to match GVWR, All Season Tread.

**9. BRAKES**

- 9.1 Air Brakes with low air pressure warning system.
- 9.2 Anti-lock braking system.
- 9.3 Automatic drain valves
- 9.4 Air Dryer

**10. COOLING SYSTEM**

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

**11. FUEL TANK**

- 11.1 Minimum 75 gallon useable fuel capacity.

**12. CHASSIS ELECTRICAL AND LIGHTING (NO SCOTCH LOCK CONNECTIONS)**

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

**ADDENDUM 3 - APPENDIX A - TECHNICAL SPECIFICATIONS  
ONE (1) 3 TON 4X2 CARGO REEL CAB/CHASSIS**

**ITN 88543 FLEET SERVICES FY17 VEHICLE PURCHASES,  
ONE (1) 3 TON 4X2 CARGO REEL CHASSIS AND  
ONE (1) 3 TON 4X2 HYDRANT TRUCK**

- 12.2 **Auxiliary / Accessory Lugs:** To wire GPS, Fuel Rings, Strobe Lights & Etc.
- 12.3 **MASTER SWITCH:** In Cab (Mitigate Dead Batteries Due To GPS, Fuel Rings & Etc.)
- 12.4 **All Cab / Chassis Lights:** LED ONLY
- 12.5 4 Corner Mounted LED Strobe Sights
- 12.6 **Auxiliary Battery Jump Ports:** Insulated remote posts protected and mounted curbside underneath cab body / behind steps
- 12.7 **DC Accessory Power Outlets:** 3 DC power outlets in cab for accessories with spring loaded cover (For Cell Phone Chargers & Etc.)

**13. ADDITIONAL REQUIRED EQUIPMENT**

- 13.1 **Power Package:** Power Windows, Locks, Mirrors, Cruise Control & Tilt Wheel
- 13.2 Front bumper
- 13.3 Factory installed air conditioner and heater.
- 13.4 Power Senior West Coast mirror with separate parabolic section approximately 6" X 17" or equal.
- 13.5 **Air Ride Drivers Seats with Collapsible Armrest** (70/30 Seat With Head Rest)
- 13.7 Backup Camera and Alarm.
- 13.8 AM / FM / Weather Band Stereo with Auxiliary Input.
- 13.10 **Tow/Recovery Hooks:** Front & Rear
- 13.11 (2) Two fender/hood mounted mirrors (Passenger & Drivers Side for Blind Spots)
- 13.12 **Window Tint:** driver, passenger & rear windows (Max Legal in FL)
- 13.13 **Cup Holders:** Minimum 2.
- 13.14 Interior / Forward / Roof Mounted Console with storage compartments
- 13.15 **Tow PACKAGE / Pintle Hook:** Heavy Duty 25 Ton Swivel OFF ROAD, Safety Chain D-Rings & 7 Pin Round Trailer Plug. **TO BE BID AS ITEM 2 ON BID WORKBOOK.**

**ADDENDUM 3 - APPENDIX A - TECHNICAL SPECIFICATIONS  
ONE (1) 3 TON 4X2 CARGO REEL CAB/CHASSIS**

**ITN 88543 FLEET SERVICES FY17 VEHICLE PURCHASES,  
ONE (1) 3 TON 4X2 CARGO REEL CHASSIS AND  
ONE (1) 3 TON 4X2 HYDRANT TRUCK**

13.16 **Tractor Protection Valve** along with **Collapsible Glad Hands** and **Trailer Hand Valve**.

**14. ADDITIONAL EQUIPMENT REQUIRED**

14.1 Mirror mounted LED Strobe Lights (PS & DS). With Guards

14.2 LED Area Lights: under Driver & Passenger Steps and under Rear Bumper.

**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 TO BE BID AS ITEM 2 ON BID WORKBOOK.**

16.1 (2) Sets of operator, maintenance / repair & parts manuals per unit

16.2 (5) complete sets of keys per unit (Including Attachments, Bins & Tool Boxes).

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

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

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

**17. DRAWINGS TO BE BID AS ITEM 2 ON BID WORKBOOK.**

17.1 Drawings will be provided to JEA upon receipt of order. Drawings will include all interior and equipment layout details. Final Drawings / Layout will be approved by JEA

**18. WARRANTY**

18.1 Minimum (1) One Year warranty on Chassis & All Attachments (Parts, Travel & Labor). Must include all standard manufacturer warranties

**19. OTHER REQUIREMENTS TO BE BID AS ITEM 2 ON BID WORKBOOK.**

**ADDENDUM 3 - APPENDIX A - TECHNICAL SPECIFICATIONS  
ONE (1) 3 TON 4X2 CARGO REEL CAB/CHASSIS**

**ITN 88543 FLEET SERVICES FY17 VEHICLE PURCHASES,  
ONE (1) 3 TON 4X2 CARGO REEL CHASSIS AND  
ONE (1) 3 TON 4X2 HYDRANT TRUCK**

- 19.1 Must include/document the **Vin Number, Make and Model** on all invoices
- 19.2 Install **Vehicle Height Warning Placard** with Maximum Height (Feet / Inches) in cab on the dash (Drivers View)
- 19.3 **Additional requirements are included in Attachment A - Fleet General Specifications.**

**NOTE: THIS IS A CAB/CHASSIS ONLY. SOME OF THE REQUIRED OPTIONS & EQUIPMENT WILL BE PURCHASED WITH THE CHASSIS. HOWEVER, IT WILL BE INSTALLED BY A BODY COMPANY (PINTLE HITCH & ETC.).**

**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.**