

SPECIFICATION, JEA CLASS 115: SPORT UTILITY VEHICLE 4X4
UPDATED AUGUST, 2019

1. SCOPE

It is the intent of the JEA to purchase multiple Sport Utility 4X4 Vehicles. All units must be tested and delivered to the JEA Fleet Facility (5717 New Kings Road Jacksonville, Florida 32209) in complete operational condition, with all required equipment and documentation by the date specified per awarded contract.

2. MODEL:

New current model year production Sport Utility 4X4 (Ford Explorer). Reference JEA Unit # 51601 for layout and options details.



3. CHASSIS

- 3.1 Base Curb Weight: not to exceed 4900 lbs.
- 3.2 Wheel Base: not to exceed 120".
- 3.3 Height: not to exceed 76".
- 3.4 Length: not to exceed 201".
- 3.5 Width Including Mirrors: not to exceed 92".
- 3.6 Minimum Ground Clearance: 7.9".
- 3.7 Aluminum Wheels: 18" or greater.
- 3.8 Minimum Seating Capacity: Five (5). Include center console option with storage and minimum 2 cup holders.

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4. ENGINE (V6)

- 4.1 Horse Power: Minimum 265 HP @ 6500 RPM.
- 4.2 Torque: Minimum 240 lbs. @ 4000 RPM.
- 4.3 No automatic idle shutdown.
- 4.4 V6.

5. TRANSMISSION

- 5.1 Ten (10) speed automatic.

6. TOWING

- 6.1 Class-3 towing package.
- 6.2 OEM 7 pin RV trailer plug.
- 6.3 Minimum max loaded trailer weight 4000 lbs.
- 6.4 OEM integrated brake controller.

7. DIFFERENTIALS

- 7.1 Limited slip or lockable.

8. TIRES

- 8.1 All terrain tread.

9. BRAKES

- 9.1 Four wheel disc brakes.
- 9.2 Anti-Lock brake system (ABS).

10. FUEL TANK

- 10.1 Minimum 17.5 gallon useable fuel capacity.

11. CHASSIS ELECTRICAL AND LIGHTING (NO SCOTCH LOCK CONNECTIONS)

NOTE: WIRE ALL LED STROBE LIGHTS TO ONE SWITCH IN CAB WITH LABEL

- 11.1 Meters (In Cab / Dash Mounted): hour meter, mileage, engine oil pressure, engine temperature, charging system, fuel level etc.
- 11.2 Auxiliary Accessory Fuse Block: Purpose is to wire GPS, fuel rings, JEA Radio, DC accessory power outlets etc. Wire to waterproof resettable breaker so we can isolate from the vehicle OEM system if needed. An acceptable example is listed below including picture

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



- 11.3 All Cab / Chassis Lights: LED only.
- 11.4 Corner Mounted LED Strobe Lights: Four count, one on each corner.
- 11.5 DC Accessory Power Outlets: One additional DC power outlets in cab for accessories with spring loaded cover. See example below: NAPA Part # BK 7821773 or equal. Wire to the Auxiliary Accessory Fuse BLOCK



- 11.6 Power Package: Power windows, locks, mirrors (Heated), cruise control and tilt wheel.
- 11.7 Factory installed air conditioner and heater.
- 11.8 Back up sensors and backup alarm.
- 11.9 OEM AM / FM Stereo with auxiliary input, backup camera, and Bluetooth hands free. Units must meet FMVSS111 Requirements.
- 11.10 Whelen Justice JV WeCan Series Super LED (MODEL JV2A) Strobe Light. Amber color with aluminum base and roof mounted. Include GO LIGHT mount for the LED GO Light.
- 11.11 GO LIGHT (Remote Controlled): Model # 20074, Radioray LED.

12. ADDITIONAL REQUIRED EQUIPMENT

- 12.1 Window Tint: Driver's, passengers and rear windows (Max legal in FL).
- 12.2 Seat Belts (Front and Rear): **Fluorescent Green.**

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13. COLOR/GRAPHICS

- 13.1 White exterior.
- 13.2 Delete all vendor and manufacturer identification decals except required safety & reference identification tags, decals, data plates & placards.

14. MANUALS, VIDEOS, KEYS & OPERATOR ORIENTATION

- 14.1 One (1) Set of operator manuals (Hard Copy) per unit.
- 14.2 Provide five (5) complete sets of keys per unit (3 FOB Keys and 2 Standard Keys for Chassis) including attachments, bins and tool boxes. Key all bins and tool boxes alike. Stamp/Engrave JEA provided 5 digit unit number on all keys.
- 14.3 One (1) on-site JEA Operator Orientation Class (Complete Unit: Chassis and Attachments).
- 14.4 One (1) on-site JEA Maintenance Orientation Class (Complete Unit: Chassis and Attachments).
- 14.5 Include a paper copy specification / build sheet in all units including key codes.
- 14.6 Must include/document the Vin Number, Make, Model, Description, JEA PO # and JEA Provided 5 Digit Unit Number on all invoices.
- 14.7 Awarded vendor must complete and submit the JEA provided Vehicle and Equipment Attribute Data Spreadsheet.

15. WARRANTY

- 15.1 Minimum 3 Year / 36,000 Mile warranty and all standard manufacturer warranties including component warranties.
- 15.2 Warranty period starts when units received at JEA Fleet Facility, Inspected and Accepted.

16. OTHER REQUIREMENTS

- 16.1 Purchase and Install Yellow City License Plates.
- 16.2 Install JEA provided decals (You may use JEA's current vendor at your expense).
- 16.3 Install JEA provided safety equipment: Purple-K fire extinguisher (5 LB), first aid kit and key safe.

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- 16.4 Current DOT Inspection / Certification with decal installed lower left inside corner of windshield. Include current date, current hours, next service due date and next service due hours.
- 16.5 Must include/document the vin number, make, model, description, JEA PO # and JEA provided 5 digit unit # on all invoices.



- 16.6 Reflective roadside triangle warning/hazard kit.

NOTE: All units, attachments, products and services must meet and 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 Thurman McGlothlin at 904-576-9382 48 hours prior to delivery. Delivery times are Monday through Friday 07:00 AM – 03:00 PM at 5717 New Kings Road Jacksonville Florida, 32209.