SPECIFICATION, JEA CLASS 117: TRUCK 1/2 T 4X4 STANDARD CAB PICKUP 6'6" BED
UPDATED AUGUST, 2019

1. SCOPE

It is the intent of the JEA to purchase multiple 1/2 T 4X4 STANDARD CAB PICKUP Trucks with 6'6" Bed and various configurations, up-fits and options. 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 1/2 Ton 4X4 Standard Cab Pickup Truck with a 6'6" bed (Ford F-150). Reference JEA In-Service Units for layout and option details.



3. CHASSIS

3.1 Base Curb Weight: not to exceed 4500 lbs.

3.2 Wheel Base: not to exceed 123".

3.3 Height: not to exceed 78".

3.4 Length: Not to exceed 211".

3.5 Width Including Mirrors: not to exceed 98".

3.6 Minimum Ground Clearance: 9.4".

3.7 Wheels: 17" or greater, steel or aluminum.

3.8 Minimum Seating Capacity: Three (3). Include front seat collapsible center console option with storage and minimum 2 cup holders.

3.9 Pay Load: 1700 lbs.

4. ENGINE (2.7 LITER V6 ECOBOOST)

4.1 Horse Power: Minimum 325 HP @ 5000 RPM.

4.2 Torque: Minimum 400 lbs. @ 2750 RPM.

4.3 No automatic idle shutdown.

4.4 V6

4.5 Fuel Economy: 19 City and 25 Highway

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 7000 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 23 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

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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

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. Hard mount and wire to the BACK RACK MODEL DR 150 Headache Rack with the BACK RACK LIGHT BAR BRACKETS # 91006. No exposed wires.

11.11 GO LIGHT (Remote Controlled): Model # 20074, Radioray LED. Hard wire and mount to the JV WeCan Series Super LED MODEL JV2A Light Bar. No exposed wires

12. ADDITIONAL REQUIRED EQUIPMENT

12.1 Window Tint: driver, passenger & rear windows (Max Legal in FL).

12.2 Spray In Bed Liner: bed, tail gate and inside aluminum tool boxes (LINE X or equal).

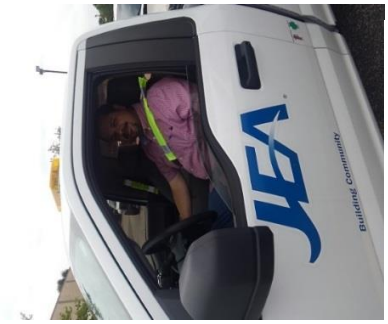
12.3 Nerf Bars: Wheel-to-Wheel, driver's side and passenger's side.



12.4 BACK RACK MODEL DR 150 Headache Rack with BACK RACK Strobe Light Mount Brackets (Mount Whelen Justice JV WeCan Series Super LED Model JV2A Strobe Light.

12.5 Coffin Lid Tool Box: CAM LOCKER (Aluminum) with cam lock latches. Deep Box. Mounted behind rear window with low profile BACKRACK tool box brackets.

12.6 Seat Belts: Fluorescent Green





12.7 Tow/Recovery Hooks: Front.

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.

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. 

OPTION A: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 16.6 AND THE FOLLOWING

- Passenger & drivers side saddle/side CAMLOCKER tool boxes. Same finish/type as the CAMLOCKER coffin lid tool box (All keyed alike).

OPTION B: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 16.6 AND THE FOLLOWING

- Diamondback 270 aluminum utility bed cover.
- Aluminum bed slide.
- SECTION 11.10: mount Justice Bar to the roof of the truck (No holes drilled in roof).
- 1000 Watt Pure Sign Wave Power Inverter:
- REMOVE/OMIT Section 12.4, 12.5 and Section 16.2

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OPTION C: GENERAL SPECIFICATION SECTIONS 1 through SECTIONS 16.6 AND THE FOLLOWING

- Fiberglass topper with dual window mounted utility bins: Include LED bin lights, and One LED light mounted to the inside/top/center of the topper. One lighted and labeled switch to operate all the topper lights mounted in cab.
- Aluminum bed slide.
- 1000 Watt Pure Sign Wave Power Inverter:
- Whelen Justice JV WeCan Series Super LED (MODEL JV2A) Strobe Light. Amber Color. Mount on the Roof of the Fiberglass Topper. Elevate 1.5 to 3 inches above surface/roof of the Fiberglass Topper.

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 ¾ 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.