

003-19 – Appendix A – Group 1
SPECIFICATION, JEA CLASS 123: ONE TON DIESEL DUALY 4X2 UTILITY TRUCK, Standard Cab & Extended Cab

1. SCOPE

It is the intent of the JEA to purchase **FOURTEEN (14)** ONE TON, DIESEL Dually, 4X2, Utility Trucks (**FORD F-550, RAM 5500 with 19,500 GVWR or EQUAL**) with Various Configurations, Up-Fits and Options [**4 Extended Cab and 10 Standard Cab**]. All units 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 **AUGUST 30, 2019**. Liquidated Damages (**\$18.28 Per Day Per Unit**) start **AUGUST 30, 2019**.

2. MODEL:

New current model year production ONE-Ton Extended Cab and Standard Cab Dually, 4X2, Long Wheel Base, Utility Body Trucks (**FORD F-550, RAM 5500 with 19,500 GVWR or Equal**). **Reference:** Current In-Service **JE A Units** for additional details, dimensions and clarification.

NOTE: ALL UNITS WITH BOOM ATTACHMENTS / WIRELESS CONTROLLERS REQUIRE PROPORTIONING VALVES TO ALLOW FEATHERABLE CONTROLS / VARIABLE FUNCTION SPEEDS.



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NOTE: ALL UNITS ARE LWB / 11' Utility Bodies

3. CHASSIS

- 3.1 **GVWR: 19,500 LBS.**
- 3.2 **WB:** Standard Cab Long Wheel Base between **169.3"** and **171"**. Extended Cab Long Wheel Base between **191.9"** and **193"**.
- 3.3 **CA:** Standard Cab and Extended Cab Long Wheel Base between **84"** and **86"**.
- 3.4 **Height:** Not to exceed **88"**.
- 3.5 **OVERALL LENGTH:** Standard Cab not to exceed **302"**. Extended Cab not to exceed **324"**.
- 3.6 **Minimum Rear Axle Clearance:** 8".
- 3.7 **Minimum Seating Capacity:** Standard Cab, Three (3). Extended Cab, Six (6). Include Collapsible Center Console Option with Storage and minimum 2 Cup Holders.
- 3.8 **Pay Load:** **12,500** lbs. or greater.

4. ENGINE (DIESEL)

- 4.1 **Horse Power:** Minimum 325 HP @ 2600 RPM.
- 4.2 **Torque:** Minimum 675 lbs. @ 2000 RPM.
- 4.3 **No** Automatic Idle Shutdown.

5. TRANSMISSION

- 5.1 Minimum SIX (6)-Speed Automatic.
- 5.2 PTO Provision (ALL UNITS)

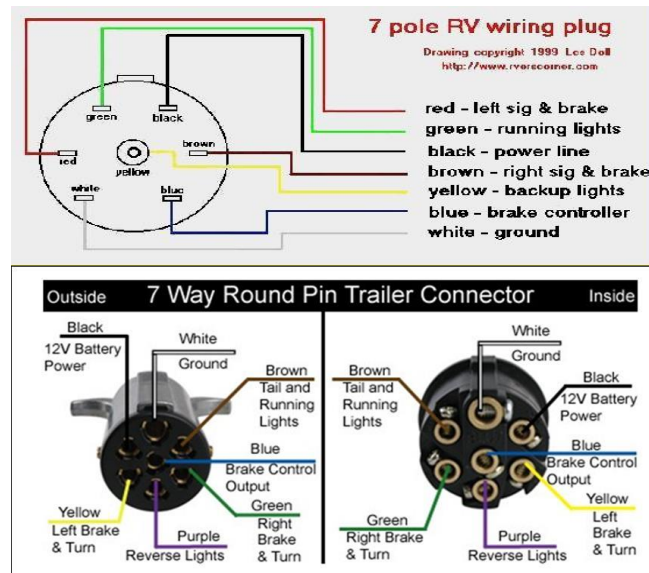
6. TOWING

- 6.1 **Class-4** Towing package with Pintle / 2" Ball Combination Insert (Make Model: TOW READY # 63011 and # 63057).



- 6.2 **OEM 7 Pin RV Trailer Plug** and **7 Pin Round Trailer Plug** (JEA Standard). Both plugs are required on all units.

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6.3 **Minimum:** Max loaded trailer weight (CONVENTIONAL / Behind Bumper) **14,000 lbs.**

6.4 OEM Integrated Brake Controller.

7. DIFFERENTIALS

7.1 Limited Slip or Lockable.

8. TIRES / WHEELS

8.1 **Tires:** All Terrain Tread.

8.2 **Wheels:** 19.5" Standard Steel Wheel (White).

9. BRAKES

9.1 Four Wheel Disc Brakes.

9.2 Anti-Lock Brake System (ABS).

10. FUEL TANK

10.1 Minimum **40** gallon useable fuel capacity.

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

NOTE: WIRE ALL LED STROBE LIGHTS TO ONE OEM UP-FITTER SWITCH IN CAB with Label. ALL LIGHTS MUST BE LED.

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

11.2 **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.

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



- 11.3 **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



- 11.4 **MASTER SWITCH WITH LOCKOUT/TAGOUT:** (Mitigate Dead Batteries Due To GPS, Fuel Rings & Etc.). **EXAMPLE:** TR SERIES DUAL POLE MASTER DISCONNECT SWITCH (500A • DPST • IP67/IP69k • Integrated Lockout Tagout). Mount close to batteries in engine compartment.



- 11.5 **LED Rope Lighting:** All Utility Body Bins.
11.6 **LED Area/Ground Lighting:** Drivers Side, Passengers Side and Rear of Vehicle.

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- 11.7 **LED Strobe Light System:** Six Point Recessed.
- 11.8 **Power Package:** Power Windows, Locks, Mirrors (Heated), Cruise Control & Tilt Wheel.
- 11.9 Factory installed Air Conditioner and Heater.
- 11.10 Backup Sensors and Back Up Alarm.
- 11.11 **OEM** AM / FM Stereo with Auxiliary Input, Backup Camera and BLUETOOTH Hands Free.
- 11.12 **Whelen Justice JV WeCan Series Super LED (MODEL JV2A)** Strobe Light: Amber Color with Aluminum Base. Hard Mount/Wire to the **BACK RACK** Headache Rack with **BACK RACK LIGHT BAR BRACKETS**. No Exposed Wires. These Units Require Multi-Function/Pattern Light Bar Controls to include Directional.



- 11.13 **ONE (1) LED GO LIGHT (Remote Controlled)** Model # 20074, Radioray LED. Hard Wired / Mounted to the **JV WeCan Series Super LED MODEL JV2A Light Bar** with JEA Standard Aluminum Mount. One on DS. No Exposed Wires



- 11.14 **OEM** UP-FITTER Switches.

12. ADDITIONAL REQUIRED EQUIPMENT

- 12.1 **Tow/Recovery Hooks:** Front.
- 12.2 **Window Tint:** driver, passenger & rear windows (Max Legal in FL).
- 12.3 **Sprayed In Bed Liner:** include tailgate & rear bumper surface (LINE X or Equal).

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12.4 **Step / Nerf Bars:** Drivers and Passenger Side.

12.5 **Collapsible Cone Holder (JEA Standard / TEMPLATE):** Mounted Center / Front Bumper.



12.6 **BACK RACK** or Equal Headache Rack. Use Back Rack OEM Strobe Light Mounts.

12.7 Masterlock System to Operate from Rear of Body.

12.8 **SIX Collapsible D-Rings:** (3 on each side) Inside Utility Bed Mounted approximately 16" from floor/deck & evenly spaced. **Purpose:** to secure loads.

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 (1) Set of operator manuals per unit (Hard Copy). Include (1) an electronic copy (Flash Drive).

14.2 (1) Operator & Safety Training Flash Drive per unit.

14.3 **KEY ALL UNITS ALIKE. (5)** complete sets of keys per unit (**3** FOB Keys & **2** Standard Keys for Chassis) Including Attachments, Bins & Tool Boxes. Key All Bins & Tool Boxes Alike. **Stamp/Engrave** JEA PROVIDED **5 Digit** Unit Number on All Keys. KEY ALL CAB/CHASSIS ALIKE.

14.4 (1) On-Site JEA Operator Orientation Class (Complete Unit: Chassis & Attachments).

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

14.6 Include a complete paper copy Specification / Build Sheet in all units including the Key Code.

15 WARRANTY

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- 15.1 Minimum 3 Year / 36,000 Mile warranty. Include all standard manufacturer warranties.
- 15.2 Warranty period starts when the units are Received, Inspected and Accepted by JEA Fleet.

16 OTHER REQUIREMENTS

- 16.1 Purchase / Install CITY License Plates.
- 16.2 **Install JEA Provided Branding / Decals:**
- 16.3 **Install JEA Required Safety Equipment:** Purple-K Fire Extinguisher (5 lb.), JEA First Aid Kit and Key Safe.
- 16.4 Current **DOT** Inspection / Certification with Decal installed lower left inside corner of windshield. Include **Hours, Mileage** and **Date** of next service due (Use Manufacture Recommended Intervals / Rough Service).
- 16.5 Must include/document the **Vin Number, Make, Model, Description, JEA PO #** and **JEA Provided 5 Digit Unit Number** on all Invoices and Change Order Invoices.
- 16.6 Reflective Roadside Triangle Warning/Hazard Kit.



OPTION A: Add the Following SPECIALTY OPTIONS (Reference JEA Unit # 6941 for Clarification, J Godsey)

- 1) **1500 Watt PURE SIGN WAVE Power Inverter:** Mounted behind PS Seat on Bulk Head with outlets facing DS.
- 2) **Aluminum Wash Tank with Ball Valve (5 Gallon):** Mounted RR / Top of Bumper.
- 3) **Aluminum Key Rack:** Mounted Inside RR Utility Body (**Upgraded Design**).
- 4) **Aluminum Water Keg Holder:** Mounted RR Top of Utility Body.
- 5) **2 Door Aluminum Bin, Doors Hinged Topside:** Mounted to DS top of Utility Body (21" Tall X 20" Wide X 96" Long).

OPTION B: Add the Following SPECIALTY OPTION

- 1) **1500 Watt PURE SIGN WAVE Power Inverter:** Mounted behind PS Seat on Bulk Head with outlets facing DS.
- 2) **Aluminum Wash Tank with Ball Valve (5 Gallon):** Mounted Under Stowed Crane RR / Top of Utility Body.
- 3) **Aluminum Water Keg Holder:** Mounted LF Top of Utility Body.
- 4) **7500 LB Capacity Crane:** Full Hydraulic (Chassis PTO), Wireless Remote Controller, Full Hydraulic Outriggers (Vertical & Horizontal Actuation), Level Indicators and Alarm Mounted RR Utility Body, 21 Feet Boom Reach (STELLER Model 7621 or Equal).
- 5) Aluminum 96 X 20 X 20 Topside Box with Drip Rail StreetSide with Gas Shocks.
- 6) **WISE:** Wilton 6".

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OPTION C: Add the Following SPECIALTY OPTION

- 1) **1500 Watt PURE SIGN WAVE Power Inverter:** Mounted behind PS Seat on Bulk Head with outlets facing DS.
- 2) **Aluminum Wash Tank With Ball Valve (5 Gallon):** Mounted LR / Top of Utility Body.
- 3) **Aluminum Water Keg Holder:** Mounted RF Top of Utility Body.
- 4) **4400 LB Capacity Crane:** Full Hydraulic (Chassis PTO), Wireless Remote Controller, Full Hydraulic Outriggers (Vertical & Horizontal Actuation), Level Indicators and Alarm Mounted RR Utility Body, 21 Feet Boom Reach (STELLER Model 4421 or Equal).

OPTION D: Add the Following SPECIALTY OPTION (Reference Unit # 50002 / General Layout)

- 1) **1500 Watt PURE SIGN WAVE Power Inverter:** Mounted behind PS Seat on Bulk Head with outlets facing DS.
- 2) **Aluminum Wash Tank With Ball Valve (5 Gallon):** Mounted LR / Top of Utility Body.
- 3) **Aluminum Water Keg Holder:** Mounted RF Top of Utility Body.
- 4) **WISE:** Wilton 6" Mounted RR Bumper.
- 5) **Gas Cylinder/Bottle Racks (Lockable):** TWO 3 Bottle Capacity Racks. 1 Mounted RR/Inside Bed and 1 Mounted LR/Inside Bed.
- 6) **HOSE REELS:** Mounted LR Top of Utility Body.
- 7) **Ladder Bin with Grip Strut Top:** Mounted Top of Utility Body Curb Side. See Picture Below:



- 8) **1600 LB Capacity Lift Gate:** MAXON ME2 SERIES 49" X 27", ALUMINUM with Dual Hydraulic Cylinders and Remote Control Pendant.

OPTION E: Add the Following SPECIALTY OPTION (Reference JEA Unit # 6983)

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- 1) **1500 Watt PURE SIGN WAVE Power Inverter:** Mounted Inside RF Bin To Roof with Breaker.
- 2) **Aluminum Wash Tank with Ball Valve (5 Gallon):** Mounted RR / Top of Bumper.
- 3) **Aluminum Water Keg Holder:** Mounted LF Top of Utility Body.
- 4) **RESIDENTIAL Meter Box Racks (2):** DS & PS Top of Utility Body.
- 5) **Aluminum Shovel Rack (10" Wide Version):** Mount RR Inside Utility Bed.
- 6) **Aluminum Barricade Rack:** Mount RF Inside Utility Body.

OPTION F: **Add the Following SPECIALTY OPTION** (Reference **JE A COMP Truck # 7154**)

- 1) **1500 Watt PURE SIGN WAVE Power Inverter:** Mounted Inside RF Bin To Roof with Breaker.
- 2) **Aluminum 16 x 13 x 8 Hand Wash Tank with Ball Valve:** Mounted RR / Top of Bumper.
- 3) **Aluminum Water Keg Holder:** Full Circle with Cutout Mounted LF Top of Utility Body. See JEA Examples.
- 4) **Boss Model 8060-UBI B-CAN PTO Drive Underdeck Air Compressor (100-125 CFM @ 110 PSIG Continuous).** Plum air lines to rear bumper. **NOTE:** Must be able to run a 90 LB Jack Hammer Sustained, at Full Capacity.
- 5) **LED Lighting Horizontal Not Vertical Mount.**
- 6) **LED Compartment Lighting:** All Bins/Compartments
- 7) **TWO LED Go Lights:** 1 Mounted DS Headache Rack & 1 Mounted PS Headache Rack.
- 8) **18" HD Rear Storage Bumper & Vise Plate.**
- 9) **Aluminum 96 X 20 X 20 Topside Box with Drip Rail StreetSide with Gas Shocks.**
- 10) **Aluminum 132 x 12 x 20 Bin with Side Access:** Mounted Curbside RC2012.
- 11) **(2) Cable Style Stirrup Strips.**
- 12) **Aluminum Shovel Bin:** 10" Wide Mounted Curbside.
- 13) **VISE:** Wilton 6".
- 14) **Aluminum Barricade Rack:** Mounted Inside Bed Curbside.
- 15) **Aluminum Ladder Rack:** Mounted Street Side.
- 16) **Aluminum Poly Rack:** Mounted Street Side.
- 17) **Aluminum 65" Meter Rack:**
- 18) **Aluminum 37" Meter Rack:**

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19) CUSTOM Interior Compartment Bins: Aluminum (SEE Referenced Vehicle For Dimensions/Layout).

OPTION G: Add the Following SPECIALTY OPTION

- 1) 1500 Watt PURE SIGN WAVE Power Inverter:** Mounted Inside RF Bin To Roof with Breaker.
- 2) Aluminum Ladder Rack:** Mounted PS.
- 3) Aluminum Water Keg Holder:** Mounted RR Top Of Utility Body.
- 4) VISE:** Wilton 6" Mounted RR Bumper.
- 5) Aluminum Wash Tank with Ball Valve (5 Gallon):** Mounted RR / Top of Bumper.

OPTION H: Add the Following SPECIALTY OPTION

- 1) 1500 Watt PURE SIGN WAVE Power Inverter:** Mounted behind PS Seat on Bulk Head with outlets facing DS.
- 2) Aluminum Wash Tank with Ball Valve (5 Gallon):** Mounted Under Stowed Crane RR / Top of Utility Body.
- 3) Aluminum Water Keg Holder:** Mounted LF Top of Utility Body.
- 4) 7500 LB Capacity Crane:** Full Hydraulic (Chassis PTO), Wireless Remote Controller, Full Hydraulic Outriggers (Vertical & Horizontal Actuation), Level Indicators and Alarm Mounted RR Utility Body, 21 Feet Boom Reach (STELLER Model 7621 or Equal).
- 5) Aluminum 96 X 20 X 20 Topside Box with Drip Rail StreetSide with Gas Shocks.**
- 6) VISE:** Wilton 6".
- 7) Personnel Carrier Attachment:** Stowable Man Lift / Basket to attach to crane.



OPTION I: Add the Following SPECIALTY OPTION

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- 1) **1500 Watt PURE SIGN WAVE Power Inverter:** Mounted behind PS Seat on Bulk Head with outlets facing DS.
- 2) **Aluminum Wash Tank with Ball Valve (5 Gallon):** Mounted Under Stowed Crane RR / Top of Utility Body.
- 3) **Aluminum Water Keg Holder:** Mounted LF Top of Utility Body.
- 4) **7500 LB Capacity Crane:** Full Hydraulic (Chassis PTO), Wireless Remote Controller, Full Hydraulic Outriggers (Vertical & Horizontal Actuation), Level Indicators and Alarm Mounted RR Utility Body, 21 Feet Boom Reach (STELLER Model 7621 or Equal).
- 5) **Aluminum 96 X 20 X 20 Topside Box with Drip Rail StreetSide with Gas Shocks.**
- 6) **WISE:** Wilton 6".
- 7) **1600 LB Capacity Lift Gate:** MAXON ME2 SERIES 49" X 27", ALUMINUM with Dual Hydraulic Cylinders and Remote Control Pendant.

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.**