

APPENDIX A – TECHNICAL SPECIFICATIONS
RFQ 93117 FLEET SERVICES FY18 VEHICLE PURCHASES, JEA CLASS 123: ONE (1) TON, STANDARD CAB, SWB, DIESEL DUALY, 4X4, UTILITY VALVE TRUCKS

1. SCOPE

It is the intent of the JEA to purchase **TWO (2)** ONE-TON, Standard Cab, SWB, DIESEL Dually, 4X4, Utility VALVE Trucks (**Ford F-550, RAM 5500 with 19,500 GVWR or Equal**) with WACHS VALVE MACHINES (WACHS MODEL # 17-000-24 / SERIAL # 12-2065), various configurations, up-fits and options. 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 1, 2018**. Liquidated Damages **(\$18.28 A Day, Per Unit)** start **AUGUST 1, 2018**.

2. MODEL:

New current model year production Standard Cab, Diesel Dually, 4X4, Short Wheel Base, one (1) Ton Utility Body, Valve Truck (**Ford F-550, RAM 5500 with 19,500 GVWR or Equal with WACHS MODEL # 17-000-24 Valve Machine**).
Reference: JEA Unit # 6846 for additional details, dimensions and verification.



NOTE: UNITS ARE SHORT WHEEL BASE 4X4 with 9' Utility Bodies

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3. CHASSIS (4X4)

- 3.1 **GVWR: 19,500 LBS.**
- 3.3 **WB:** Short Wheel Base Units not to exceed **149"**.
- 3.5 **Height:** Not to exceed **88"**.
- 3.6 **OVERALL LENGTH:** Not to exceed **277"**.
- 3.7 **Minimum Rear Axle Clearance:** Eight inches (**8"**).
- 3.8 **Wheels:** **19.5"** Standard Steel Wheel.
- 3.9 **Minimum Seating Capacity:** Three (3). Include Collapsible Center Console Option with Storage and minimum two (2) Cup Holders.
- 3.10 **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.

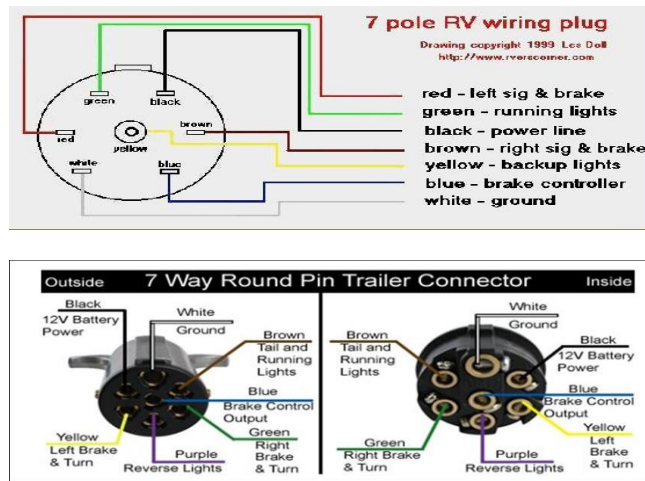
6. TOWING

- 6.1 **Class-4** Towing package with Pintle / Two inch (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 Electric Trailer Brake Controller.

7. DIFFERENTIALS (4X4)

7.1 **FRONT:** Manual-LOCKING HUBS.

7.2 **REAR:** Limited Slip.

8. TIRES (FRONT & REAR)

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 forty (**40**) gallon useable fuel capacity.

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

11.1 **Meters:** hour meter, mileage, engine oil pressure, engine temperature, charging system, fuel level (In Cab / Dash Mounted).

11.2 **Auxiliary / Accessory Lugs:** To wire GPS, Fuel Rings, Strobe Lights & Etc.

11.4 **All Cab / Chassis Lights:** LED ONLY.

11.5 Four (4) Corner Mounted, Recessed LED Strobe Lights.

11.6 **DC Accessory Power Outlets:** Three (3) 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.

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- 11.7 **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 Lockout Tagout).** Mount close to batteries in engine compartment.



- 11.8 **Auxiliary Jump Ports:** Mounted Easy Access / Front Grill Area With Guard (Prevent Short).



- 11.9 **Power Package:** Power Windows, Locks, Mirrors (Heated), Cruise Control & Tilt Wheel.
- 11.10 Factory installed Air Conditioner and Heater.
- 11.11 Backup Sensors and Back Up Alarm.
- 11.12 **OEM** AM / FM Stereo with Auxiliary Input, Backup Camera and BLUETOOTH Hands Free.
- 11.13 Install roof mounted **Whelen Justice JV WeCan Series Super LED (MODEL JV2A)** Strobe Light. Amber Color.



- 11.14 **OEM UP-FITTER Switches.**
- 11.15 **1,500 Watt Power Inverter:** Mounted Inside RF Bin To Roof with Breaker. Outlets facing rear of utility body.
- 11.16 LED Compartment Lighting, All Utility Bins.

12. ADDITIONAL REQUIRED EQUIPMENT

- 12.1 **Tow/Recovery Hooks:** Front & Rear.
- 12.2 **Window Tint:** driver, passenger & rear windows (Max Legal in FL).

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- 12.3 **Sprayed In Bed Liner:** include tailgate & rear bumper surface (LINE X or Equal).
- 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 MODEL DR 150 or Equal Headache Rack:** with LED GO LIGHT Mounts passenger's side and driver's side (SEE JEA VIN # **GEC57746** for Reference). Include One Mounted LED Remote Controlled GO Light (Model # 20074, Radioray LED.).
- 12.7 Masterlock System to Operate from Rear of Body.
- 12.8 **SIX Collapsible D-Rings:** (Three (3) on each side) Inside Utility Bed Mounted Approximately sixteen inches (16") from floor/deck & evenly spaced. **Purpose:** to secure loads.
- 12.9 **Aluminum Wash Tank with Ball Valve (Five (5) Gallon):** Mounted RR / Top of Bumper.
- 12.10 **Aluminum Key Rack:** Mounted Inside LR Utility Body
- 12.11 **Aluminum Water Keg Holder:** Mounted RR Top of Utility Body.

13. VALVE MACHINE

- 13.1 **WACHS MODEL # 17-000-24:** Mounted Inside/Front of the Utility Bed with Left Front Bin Access.



- 13.2 WEATHERPROOF / REMOVABLE ALUMINUM COVER/GUARD ON MACHINE.

14. COLOR/GRAPHICS

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

15. MANUALS, VIDEOS, KEYS & OPERATOR ORIENTATION

- 15.1 (1) Set of operator manuals, Hard Copy.
- 15.2 (1) Operator & Safety Training DVD or Thumb Drive per unit.

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15.3 **KEY BOTH UNITS ALIKE. Five (5)** Complete sets of keys per unit (Three (3) FOB Keys & Two (2) Standard Keys for Chassis) Including Attachments, Bins & Tool Boxes. Key All Bins & Tool Boxes Alike. **Stamp/Engrave JEA PROVIDED Five (5) Digit Unit Number On All Keys.**

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

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

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

16. WARRANTY

16.1 Minimum Three (3) Year / 36,000 Mile warranty. Include all standard manufacturer warranties.

17. OTHER REQUIREMENTS

17.1 Purchase / Install CITY License Plates.

17.2 **Install JEA Provided Branding / Decals:** You may solicit JEA's current vendor Graphics Applications Systems, at your expense.

17.3 **Install JEA Provided/Required Safety Equipment:** Purple-K Fire Extinguisher (5 lb.), JEA First Aid Kit and Key Safe.

17.4 **Current DOT Inspection / Certification:** Complete with Decal installed lower left inside corner of windshield.

17.5 Must include/document the **Vin Number, Make, Model, Description, JEA PO #** and **JEA Provided Five (5) Digit Unit Number** on all Invoices and Change Order Invoices.

17.6 Reflective Roadside Triangle Warning/Hazard Kit.



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** forty-eight (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.**