

**SPECIFICATION, JEA CLASS 112P: CHEVROLET BOLT ELECTRIC VEHICLE**  
**UPDATED JUNE 2020**

**1. SCOPE**

It is the intent of the JEA to purchase multiple CHEVROLET BOLT Electric Vehicles with L-1 Chargers, L-2 and L-3 Charge Options. All units must be tested and delivered to JEA Fleet Facility (5717 New Kings Road Jacksonville, Florida 32209) in complete operational condition per awarded contract.

**2. MODEL**

New current model year production CHEVROLET BOLT Electric Vehicle.



**3. CHASSIS**

- 3.1 Base Curb Weight: Not to exceed 3850 LBS
- 3.2 WB: Between 102" and 104"
- 3.3 Height: Between 62" and 69"
- 3.4 Length: Between 164" and 165"
- 3.5 Width: Not to exceed 72"
- 3.6 Wheels: 16" or 17" aluminum to minimize weight.
- 3.7 Minimum Seating Capacity: TWO (2). Include Center Console Option with Storage and minimum 2 Cup Holders.

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- 3.8 Rear Seat Delete
- 3.9 Standard Option for Passenger Partition



**4. ELECTRIC DRIVE MOTOR**

- 4.1 Type: Single motor and gear set (Permanent magnetic drive motor)
- 4.2 Horse Power: Minimum 190 HP / 140 KW
- 4.3 Torque: Minimum 260 LBS
- 4.4 Drive Ratio: 7.05:1

**5. SAFETY OPTIONS**

- 5.1 Rear parking assist
- 5.2 Following distance indicator
- 5.3 Forward collision alert
- 5.4 Rear cross-traffic alert
- 5.5 Lane Keep Assist with Lane Departure Warning
- 5.6 Low Speed Forward Automatic Braking
- 5.7 Lane Change Alert with Side Blind Zone Alert
- 5.8 Front pedestrian braking

**6. TIRES**

- 6.1 All Season Tread.

**7. BATTERY SYSTEM**

- 7.1 Rechargeable energy storage system with multiple linked modules
- 7.2 Weight: Not to exceed 950 LBS

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- 7.3 Cells: 288
- 7.4 Energy: Minimum 60 KWH

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

**NOTE: WIRE ALL LED STROBE LIGHTS TO ONE SWITCH IN CAB with Label**

- 8.1 Meters (In Cab / Dash Mounted): hour meter, mileage, battery level, range
- 8.2 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. 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



- 8.4 All Cab / Chassis Lights: LED ONLY
- 8.5 4 Corner Mounted, Recessed LED Strobe Lights
- 8.6 DC Accessory Power Outlets: One DC power outlet 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. If Units include 3 OEM DC power outlets included, disregard.



- 8.7 Power Package: Power windows, locks, mirrors (heated), cruise control & tilt wheel

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**UPDATED JUNE 2020**

- 8.8 Factory installed air conditioner and heater
- 8.9 Back up sensors and backup alarms
- 8.10 OEM AM / FM Stereo with auxiliary input, backup camera, and Bluetooth hands free. Units must meet FMVSS111 requirements.
- 8.11 Install roof mounted 44" Whelen Justice JV WeCan Series Super LED (MODEL JV4A) or equivalent: Amber Color with aluminum base..
- 8.12 L-1, 120 V: Minimum 4 miles of range charge per hour.
- 8.13 L-2 and L-3 Charge Ports

**9. RANGE (MILES)**

- 9.1 Minimum max range of 250 miles on full charge.

**10. ADDITIONAL REQUIRED EQUIPMENT**

- 10.1 Window Tint: Driver's, Passenger's & Rear Windows (Max Legal in FL).
- 10.2 Computer Stand: Hard mounted.
- 10.3 Seat Belts: **Fluorescent Green**



**11. COLOR/GRAPHICS**

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

**12. MANUALS, VIDEOS, KEYS & OPERATOR ORIENTATION**

- 12.1 One (1) Set of operator manuals (hard copy) in each vehicle.
- 12.2 One (1) Operator & Safety Training Thumb Drive per unit, if applicable.

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- 12.3 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.
- 12.4 One (1) On-Site JEA Operator Orientation Class (Complete Unit: Chassis & Attachments).
- 12.5 One (1) On-Site JEA Maintenance Orientation Class (Complete Unit: Chassis & Attachments).

**13. WARRANTY**

- 13.1 Minimum 3 Year / 36,000 Mile warranty and all standard manufacturer warranties
- 13.2 Battery System: Minimum 6 Year / 100,000 Miles.

**14. OTHER REQUIREMENTS**

- 14.1 Purchase and Install Yellow City License Plates.
- 14.2 Install JEA provided decals.
- 14.3 Install JEA provided safety equipment: Purple-K fire extinguisher (5 LB), first aid kit and key safe.
- 14.4 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.
- 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 # on all invoices.
- 14.7 Awarded vendor must complete and submit the JEA provided Vehicle and Equipment Attribute Data Spreadsheet.



- 14.8 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.