VEHICLE SPECIFICATIONS– Law Enforcement BECI Truck

PURCHASE ORDER NO:
PC NO:
VENDOR:

<u>ITEM:</u> Ram, ½ Ton Special Service Vehicle (SSV) Pick-Up Truck, 4x4 Crew Cab, Short Box

Chassis Specifications:

- Color- Black
- Delete Daytime Running Lights
- **Engine:** Gasoline powered V8 Engine.
- **Anti Spin Rear Differential-** 3.55 Axle ratio
- **Factory speed control**
- **Front Tow Hooks**
- **Transmission:** Minimum 6 speed, Automatic Transmission
- **Factory Installed Air Conditioning**
- **Tinted Glass-** all windows
- **Tilt Steering Wheel**
- **AM/FM Radio**
- **Four Full-size Conventional doors**
- **Standard Short Box Equipped with two built-in weatherproof, lockable, drainable, illuminate storage bins that are the length of the bed**
- **Factory installed spray in bed liner**
- **Rear Cargo Lamp**
- **Two Auxiliary Power outlets including a 115V Aux power outlet**

- **Anti-lock Disc Brakes-** All Wheels
- **Alternator heavy duty service,** 220 amp- Battery
- **6,900 Gross vehicle weight rating**
- **Fuel capacity minimum 26 gallons**
- **(5) On/Off Road Tires- with spare tire carrier winch or equivalent**
- **Folding 3 person rear seat**
- **Electronic shift on the fly four wheel drive with part time transfer case**
- **Class IV platform trailer hitch with 2" receiver**
- **7 wire trailer plug with flat pins**
- **Factory installed trailer brake control**
- **Transfer case skid plate**
- **Heavy duty transmission cooler**
- **Heavy duty engine oil cooler**
- **Halogen headlamps**
- **Heated fold away trailer tow mirrors**
- **Power windows and power door locks with minimum of 2 key FOBs for remote access plus 3 standard keys**
- **Rear window defroster**
- **Rear back up camera with automatic dimming rear view mirror or equivalent**
- **Certified Speedometer for Law Enforcement**
- **Engine Hour/ Engine idle hour meter**
- **built in storage boxes in the bed**

- OPTIONS REQUIRED: 17" painted Aluminum or alloy wheels or equivalent
- front cloth 40/20/40 bench seat
- carpeted flooring(Popular equipment Group)
-

- **Factory warranty-base Chassis 3 years or 36,000 miles whichever occurs first, power train (Engine, Transmission, transfer case, front and rear axles) 5 year or 100,000 miles whichever occurs first**

Emergency Lighting Specifications:

- **3 year parts and labor warranty with travel to vehicle location for repair, minimum.**

- **Full and Complete wiring diagram of ALL emergency wiring circuits to be delivered with each vehicle (Delivery will not be accepted without it).**

- **Lighting Color Guidelines- <u>Rear facing</u> lighting allows Blue, Red, Clear and or Amber. <u>Side facing</u> lighting allows Red, Clear, and or Amber. <u>Forward facing</u> lighting allow Red, Clear and or Amber.**

- **Uniform wiring of ALL vehicles with ALL circuits (No variations from vehicle to vehicle of colors, size, or location of the same circuit).**

- **All wire connections outside the cabin to be weather proof sealed connectors and/or adhesive lined shrink terminals with environmental protective spray applied.**

- **All crimp connections to be "Perma-Seal" brand products throughout the entire vehicle with all connections tested for proper crimp and completely shrunk.**

- **All wired circuits to be descending in wire size from supply to load (no smaller wires feeding larger wired circuits).**

- **All grounds to be located in vehicle cabin for emergency lighting.**

- **All screw post terminal positions to be connected via ring terminals. No multi-terminals or stacked terminals per post (use of distribution blocks is suggested).**

- **No powered amplifier units of any kind are to be located beneath the vehicle flooring.**

- **All non-factory hardware to be Stainless Steel.**

- **All points in which wires pass through sheet metal holes are to be de-burred and fitted with a dedicated rubber grommet to prevent chaffing. Remaining gaps are to be sealed.**

- **Throughout the entire vehicle abrasion resistant wire loom is to be used in all places where wire chaffing is possible. All emergency wiring outside the cabin is to be protected by abrasion resistant wire loom.**

- **Red/White Auxiliary Dome lamp.**

- **MNSTAR Model #SO-DEC15 equally fused harness to connect all auxiliary Non-OEM emergency lighting and sirens or equivalent.**

- **Factory installed vehicle system interface modules. Integrated in the factory wiring system with four separate factory wiring harness pigtails (two B+ supply circuits & two run/acc. positive supply circuits). Truck to be delivered with flashing headlights and taillights via manufacturer integrated wiring system using factor lighting, to be triggered with individual wire circuits. All triggering and powered wires to end at the floor below the center of the dashboard with 24 inches of excess wire spooled.**

- **Whelen Engineering- #HHS 2200 Siren/Lighting control unit with merchant specified functions, located in merchant specified covert location.**

- **Whelen Engineering- #SA315 siren speaker shall be permanently mounted behind grille with appropriate mounting bracket.**

- **Whelen Engineering- #AVN1D (Red/Clear Single Avenger II lighthead) mounted forward facing to the right of the rear view mirror.**

- **Whelen Engineering- #WIOND Red/Clear ION LED light heads (Quantity 4) to be permanently mounted inside street side/curbside on each rear door glass and on the rear window facing rear on each the driver and passenger side.**

- **Whelen Engineering- #AVN2RB (Red/Blue Avenger II Lighthead) and #AVN2RA (Red/Amber Avenger II Lighthead) to be permanently mounted inside rear window facing rear of the vehicle one on each the driver and passenger side.**

- **Install wiring for Kenwood TK-790HBK Mobile Radio – Kenwood Part # KCT-22M2 or Leonard Part # 10351 (Remote Control Cable 17' Standard for 90 Series) routed to Siren/Switch box with 24 inches of excess protruding from lower center of the dashboard. Kenwood Part # KCT-23M4 (2 power & 2 ground wires) or Leonard Part # 10387 (DC Cable 75/110 Remote Mount for 90 Series) to be connected to provided MNSTAR circuit with 24 inches of excess located below the center of the rear bench seat.**

- **Care should be taken to not damage the communication cable seal during installation**

- **Install antenna mount and wiring**

- STI-CO Industries Inc. Part No. ROOF-FT-NITI
- Mounting Option: Roof mount
- Connector: One PL-259 UHF Male
- Antenna cable and mast are not to be altered in length

Delivery:
All vehicles will be outfitted with the required emergency lighting/equipment and delivered to the designated delivery points within 60 days following the receipt of the vehicles from the manufacturer.

Outfitting:
Installers must have a minimum of 3 years experience performing the installation of aftermarket emergency automotive equipment. The parameters above for installation are clearly stated and must be followed. The factory wiring harness **IS NOT to be compromised** in any fashion that will void factory warranty. Only supplied connections of the SSV package wire harness will be used and **only** for its intended use. Any deviation must be approved by DEC Technical staff. Upon completion of the first vehicle DEC staff must inspect and approve the installation before additional work is accomplished.