



The Town of Summerville  
200 S. Main Street  
Summerville, SC 29483  
(843)851-4215  
KCollins@summervillesc.gov

**The Town of Summerville is seeking sealed bids for (2) 2020 Harley-Davidson FLHTP Electra Glide Solo Law Enforcement Motorcycles.**

Sealed bids are due by **11:00am on Tuesday February 4, 2020** at which time they will be opened and publicly read in the 2<sup>nd</sup> floor training room at Summerville Town Hall Annex, located at 200 S. Main Street, Summerville SC 29483. Late bids will not be accepted, NO EXCEPTIONS.

Bids will be for the purpose of furnishing the Town of Summerville with two (2) **2020 Harley-Davidson FLHTP Electra Glide Solo Law Enforcement Motorcycles with ducted fork-mounted fairings with windshields**. A copy of the instructions to bidders and specifications are included in this package.

The Town of Summerville reserves the right to reject any and all bids, to waive all formalities and to award the contract, as it appears to be in the best interest of the Town of Summerville. The right is also reserved to hold any and all bids for a period not exceeding sixty days (60) days from the opening thereof.

Questions concerning the equipment specifications may be directed to:

**Major Frank Nigro, Town of Summerville Police Department (843) 285-7012**

The Town will accept responses until 11:00am on Tuesday February 4, 2020 at Town Hall. Interested firms shall submit three (3) hard copies of the responses. Responses shall be sealed in an envelope addressed to:

**Town of Summerville  
Attn: Krista Collins, Purchasing Coordinator  
200 S. Main Street Summerville, SC 29483**

Package shall be marked as **"Police Motorcycles"**

## Intent

The intent of these specifications is to cover the requirements of a **2020 Harley-Davidson FLHTP Electra Glide Solo Law Enforcement Motorcycle**:

- The design of the unit shall incorporate the latest available technology and engineering capacities.
- The unit shall be new of current manufacture. No prototype, demo, used, or mechanical type other than 'new' will be accepted.
- All parts not specifically mentioned in the accompanying equipment specifications which are necessary to provide a complete 2020 Harley-Davidson FLHTP Electra Glide Solo Law Enforcement Motorcycle shall be included in the bid and shall conform in strength, quality of materials, and workmanship to what is normally provided to the trade in general.
- The 2020 Harley-Davidson FLHTP Electra Glide Solo Law Enforcement Motorcycle shall meet or exceed all OSHA, federal and state regulations and requirements.

An unconditional 30-day guarantee shall be submitted on the bidder's letterhead stating, "If the end user is not pleased or satisfied in the quality and performance of the proposed equipment within 30 days after delivery, a full refund including freight will be furnished to the customer."

**No exceptions to this requirement.**

**Bids shall include the individual cost of each unit as well as the combined total cost for both units.**

Delivery shall be included in the cost of the unit.

The unit shall be delivered completely assembled, serviced, and ready to operate.

Dealer to state delivery date: \_\_\_\_\_ **\*\*\*No bid will be considered if left blank. \*\*\***

Dealer to deliver motorcycles to Town of Summerville Police Department, 300 W 2<sup>nd</sup> N St, Summerville, SC 29483

Bid submitted by: \_\_\_\_\_  
Name of Company

Street address: \_\_\_\_\_

City, state, zip: \_\_\_\_\_

Telephone number: \_\_\_\_\_

Authorized signature of bidder: \_\_\_\_\_

Printed name of above individual: \_\_\_\_\_

Date: \_\_\_\_\_

**\*\*\*No bid will be considered if not signed and dated. \*\*\***

## **EQUIPMENT (FOR BOTH VEHICLES)**

**QUANTITY: (2)** 2020 Harley-Davidson® FLHTP Electra Glide® Solo Law Enforcement Motorcycles.  
(Ducted Fork Mounted Fairing with Windshield)

## **SCOPE OF SPECIFICATIONS**

These specifications describe the mechanical and comfort requirements for the FLHTP Solo Law Enforcement Motorcycles which will be used by the Summerville Police Department.

## **SPECIFICATIONS.**

All proposed FLHTP motorcycles to be in full compliance as follows:

Reflex™ Defensive Rider Systems (RDRS)- Standard:

The Reflex Defensive Rider Systems will assist the rider in maintaining the rider's intended path. Package provides the following features:

- Cornering Electronically Linked Brakes
- Cornering - ABS
- Cornering - Traction Control with modes. Traction Control can be turned on or off
- Drag Torque Slip Control
- Vehicle Hold Control
- Tire Pressure Monitoring (TPMS)

H-D™ Connect - Standard

The new H-D Connect technology introduces subscription-based cellular connectivity to keep riders connected to their motorcycle through their smart phone using the latest version of the Harley-Davidson™ App. H-D Connected allows owners to connect remotely to their motorcycle to view key vehicle health information, receive tamper alerts and stolen-vehicle assistance.

New Handlebar with bar ends turned higher to provide more clearance to the operator's legs.

### **A. Engine**

Piston displacement of not less than 1868cc Milwaukee-Eight™ 114 cubic inch, pushrod-operated, overhead valves with hydraulic, self-adjusting lifters, four valves per cylinder and featuring EITMS (Engine Idle Temperature Management System), producing minimal vibration frequencies and

magnitudes. Engine and transmission isolated from motorcycle frame utilizing a rubber mounting system.

- Powertrain deluxe chrome group designed for low maintenance; black powder coat finish on engine; chrome rocker boxes, timer cover, outer primary housing & transmission covers
- Compression ratio: 10.5:1
- Electronic Sequential Port Fuel Injection System (ESPFI)
- Single Cam design
- Hydraulic Lifters requiring no maintenance service adjustments
- Air and Oil cooled
- Fan-assisted oil cooler

#### **B. Clutch / Transmission**

- Clutch shall be of the latest assist and slip ten (10) plate design, wet
- Hydraulically Actuated Clutch system
- Transmission to be of latest design, manual type, with not less than six (6) forward speeds
- Clutch disengage for starter motor operation
- Primary Drive, double-row chain, 34/46 ratio
- Greaseless shifter shaft with "anti-vibration" rubber spacers

#### **C. Brakes**

- Reflex™ Linked Braking with ABS, linking disengages below 25 mph
- Hydraulic Disc brakes for both front and rear wheels
- Front brakes having dual 11.81-inch diameter floating discs
- Rear brake having a single disc
- Brakes shall be relatively free of heat fade
- Calipers - 4 Piston
- Uniform Expanding Rear Rotor

#### **D. Suspension**

Motorcycles shall be provided with a suspension system to permit optimum handling conditions as required in law enforcement.

- Front suspension uses Showa" Dual Bending Valve (SDBVT") technology and provides 117 mm of travel; improved damping performance over the range of suspension travel
- Hand-adjustable emulsion rear shocks provide 15-30% more preload adjustment and adjust with the turn of a single knob, no tools required; improved damping performance over the range of suspension travel
- 49 mm telescopic front forks
- Rear suspension swing arm bearings shall require no lubrication for life of the motorcycle

#### **E. Wheels / Tires**

- Black Impeller"" Cast Aluminum wheels, rim material to be impermeable to compressed air
- 90° valve stem
- Tubeless type tires to have non-skid tread, designed to operate on paved highways and shall have a full, four-ply fabric reinforcement
- Bead-retention tires designed to remain on wheel during sudden loss of pressure
- Sealed automotive-style wheel bearings requiring no endplay adjustment and service interval of 100,000 miles (160,000 km)

#### **F. Fuel Tank**

- Fuel tank to have a capacity of 6 U.S. gallons (22.71 liters). Must provide a minimum of 1 gallon (3.8 L) reserve fuel capacity when main supply is exhausted
- Electric fuel pump

#### **G. Electrical System**

Electrical system shall be nominal 12-volt as follows:

- Battery: Sealed, heavy-duty maintenance-free, 12-volt, minimum rated capacity- 28 ampere hours (Battery Council International rating), 405 cold cranking amps
- Ignition: Non-waste spark, alpha control
- Charging System: Three-phase, 48-amp high output alternator producing 28 amps at idle, solid state regulator
- Connectors: Industrial grade throughout, provided with electrical accessory connection
- Hand Controls: Water-resistant, integrated switches
- Starting System: 12-volt starter, solenoid operated engagement, relay required

- Horn: Sound level audible above motorcycle and traffic-generated noise

## **H. Lighting**

Each motorcycle shall be provided with the following lighting equipment:

- Daymaker™ LED Headlight
- Front Emergency Lamps PAR-36, one red and one blue (incandescent)
- Tail light
- Turn Signals, self-canceling system
- Flashers, four-way, with independent switch
- License plate lighting with two blue marker lamps

## **I. Visual Displays**

- Speedometer: Analog & Digital speedometer, range 0-120mph (or kph equivalent),

(2) re-settable trip meters

- Speed Capture with Digital Speed Display Gear indicator
- Odometer: Calibrated, cumulative
- Tachometer: Analog
- Fuel gauge
- Voltmeter gauge
- Emergency Light Activation indicators - separate indicators for front and rear emergency lights
- Stealth Mode indicator- if activated
- Cruise Control indicator
- Sight glass on brake master cylinders
- Fuel Mileage countdown till empty displayed in odometer window when Low Fuel indicator lamp is lit
- Turn Signal indicators
- Hazard-Warning Lights indicator
- Neutral indicator
- High-Beam indicator
- Low Oil Pressure indicator

- Engine Diagnostic light
- ABS indicator lamp
- Security Lamp (if equipped with optional security system)

#### **J. Feature Requirements**

- Seat: Deluxe solo saddle, special police type, breathable material covering, adjustable coil over spring suspension system
- Heated Grips - OE standard
- Cruise Control - OE standard
- Stealth Mode - optional activation
- Push to Talk Switch - requires other police radio equipment not supplied by H-D
- Power ON for emergency equipment for 30 minutes with ignition OFF
- Analog and Digital Speed Display with Speed Capture feature
- Gear Indicator

Side Stand: Jiffy stand with electronic disengage to prevent drive off with jiffy stand deployed

- Foot Boards: pivoting type with non-skid rubber pads
- Guards: Front engine guard bar and rear saddlebag guard bars \*Horizontal Saddlebag Rails - Optional\*
- Saddlebags: Factory installed, law enforcement type Injection Molded GTX saddlebags, approximately 2000 cubic inches of storage space per bag, water-resistant, utilizing one-touch operation latches
- Final belt drive, with a rubber isolated 68 tooth rear drive sprocket
- Chrome, two into one into two exhaust system
- Windshield: Constructed of clear polycarbonate, designed to break away with minimal force Mirrors: Two (2) long stem "true" image mirrors
- Key: One key fits all locks
- Wheelbase: 64 in. (1625 mm)
- Laden Seat Height: 27.3 in. (695 mm)
- Gross Vehicle Weight Rating: 1,360 lb. (617 kg)
- Dry Weight: 809 lb. (367 kg)
- Running Order: 844 lb. (383 kg)

- Service Intervals: 1st 1,000 miles and then every 5,000 miles thereafter Limited Warranty: 24 months, unlimited mileage

Also required the installation of supplied radar unit, the following parts, and conversion/installation costs for said parts for each motorcycle:

Qty	Part #	Company	Description
1	67800609	HD	Electra Glo LED Saddlebag Run/Brake/Turn Lamp
1	59600022	HD	Airwing Front Fender Rail Kit
1	90200561	HD	Saddlebag Guard Rails
1	61400311	HD	Formed Steel Front Fender Skirt, Black
1	26800128	HD	CoolFlow Fan
1	71400129	HD	Auxiliary Power Switch Kit - Fairing Mount
1	71400130	HD	Dash RH power accessory mechanical switch
1	69200173	HD	Switch, Dashpanel, Base
2	71400044	HD	Switch Assembly Maintained
1	67508P-HD	Motolight	MotoLight, Gloss Black – Caliper Mount for 2014-up Touring
2	65301	Motolight	Motolight High Output LED Upgrade
1	93500011	HD	Tie Down Brackets, Chrome
1	69000057	HD	KIT-EMERGENCY RESPONSE,POLICE
1	69202193	HD	Amplifier Connector Splice Kit
2	FDFP11BR	Whelen	Whelen PAR 36 Emergency Light with Interleaved Driving Light (Blue)
1	MBADPT14	Whelen	2014 BOX MOUNTING BRACKET
1	M4B6	Whelen	Whelen M4B6 Motorcycle Box, Curb Side Opening, with 6-M4 Series LEDs (See additional Options)
<b>Choose Box Options:</b>			
1	M1BATT	Whelen	Whelen M/C GEL BATTERY
1	M4BSEP	Whelen	SUBSTITUTE SEPARATION PLATE BATTERY HOLE, Required for Secondary Battery
1	M4B6CHRG	Whelen	BATTERY CHARGER, INCLUDES 120VAC RECEPTACLE
<b>Choose Box Opening:</b>			



1	R		Right/Curb Side
<b>Choose six (6) total lightheads from the following Color Options:</b>			
6	E		Blue/Clear Split
<b>Accessory Power Outlet Options for Motorcycle Box:</b>			
1	BR-930	Brooking	Triple Accessory (3x 12V Cigar Plug) Outlet Box with Lighted On/Off Switch
<b>(2) Rear Saddlebag Brackets - Choose 1 Option:</b>			
2	LMI-RSK	Leatherwood	Saddlebag Rear Bracket Set
<b>(2) Side Saddlebag Brackets - Choose 1 Option:</b>			
2	LMI-SSK	Leatherwood	Saddlebag Side Bracket Set (Left/Right)
2	RBKTHD8	Whelen	WEC 90 & 45 DEGREE FORK MOUNT
2	LMI-FFK	Leatherwood	Front Fender Bracket Set
1	ENGCC01243	SoundOff	BLUEPRINT 3 CENTRAL CONTROLLER
1	ENGHNK04	SoundOff	BLUEPRINT CENTRAL CONTROLLER HARNESS KIT-15'
1	ENGSYM01	SoundOff	BLUEPRINT SYNC MODULE
2	EMPAKKT01	SoundOff	BOB DUAL ARROW HARNESS & BREAKOUT BOX KIT
1	PMPAKHNDS1	SoundOff	BOB ARROW HARNESS KIT
1	HMPW1	SoundOff	BOB POWER HARNESS KIT
12	EMPS802BX-E	SoundOff	BOB 4" MPOWER FASCIA CONNECT-N-GO QUICK MOUNT 12 LED, BLUE/WHITE
4	EMPS800BC-8	SoundOff	BOB 4" MPOWER FASCIA CONNECT-N-GO QUICK MOUNT 18 LED, TRI COLOR RED/BLUE/WHITE
4	EMPS800BC-1	SoundOff	BOB 4" MPOWER FASCIA CONNECT-N-GO QUICK MOUNT 18 LED, TRI COLOR BLUE/AMBER/WHITE
4	EMPS700BB-1	SoundOff	BOB 3" MPOWER FASCIA CONNECT-N-GO QUICK MOUNT 12 LED, BLUE/AMBER/WHITE
<b>Fairing Array Options - Choose 1 Option:</b>			
1	11-488359-000	Whelen	Plastic Housing
3	EMPS802BX-E	SoundOff	BOB 4" MPOWER FASCIA CONNECT-N-GO QUICK MOUNT 12 LED, BLUE/WHITE

2	EMPS800BC-1	SoundOff	BOB 4" MPOWER FASCIA CONNECT-N-GO QUICK MOUNT 18 LED, TRI COLOR BLUE/AMBER/WHITE
<b>Stage 1 Upgrade with Enhanced Exhaust Sound:</b>			
1	41000008C	HD	Screamin' Eagle Pro Street Tuner
1	29400245A	HD	Screamin' Eagle Wedge High-Flow Air Cleaner
<b><i>Slip On Mufflers OR Full Exhaust - Choose 1 Option:</i></b>			
1	1801-1071	KERKER	4" Stout Slip-On Mufflers, Chrome
<b>Stage 2 Upgrade - Interceptor Kit - Must Install Stage 1:</b>			
1	92500047	HD	Screamin' Eagle Milwaukee-Eight Stage II - Torque Kit, Chrome Covers
1	25566-06	HD	Cam Drive Retention Kit
1	25928-06	HD	Cam Spacer Kit
<b>Rider Comfort Upgrades</b>			
<b>Handlebars</b>			
1	55800591	HD	Batwing Tallboy Handlebar, Chrome
1	32700050A	HD	Twist Grip Sensor
1	69200034	HD	Switch Wire Extensions, 10"
<b>Extended Reach Foot Brake</b>			
1	SB-014(P)+2	Soft Brake	2014 – Present SoftBrakes Extended Brake Lever +2", Chrome