

The Hattiesburg Police Department Traffic Division is requesting to purchase the follow for police service with the similar specs.

Bidder shall bid on furnishing Hattiesburg Police Department (Traffic Division) with twelve (12) motorcycles on a 12 month lease with the option to renew afterwards, which meets or exceeds the following specifications, to-wit:

A. Engine

Piston displacement of not less than 1170cc to 1868cc 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 cover.
- Compression ratio: 10.0:1
- Electronic Sequential Port Fuel Injection System (ESPFI)
- Single Cam design
- Hydraulic Lifters requiring no maintenance service adjustments
- Air, water, and/or Oil cooled
- Fan-assisted oil cooler optional

B. Clutch / Transmission

- Clutch shall be of the latest assist and slip eight or nine (8 or 9) 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
- Gear Ratios:

1st	9.593
2nd	6.650
3rd	4.938
4th	4.000
5th	3.407
6th	2.875

C. Brakes

- Reflex™ Linked Braking with ABS, linking disengages below 25 mph
- Hydraulic Disc brakes for both front and rear wheels
- Having dual 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 (SDBV™) technology and gives you 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
- 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

- 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), 270 cold cranking amps
- Ignition. Non-waste spark, alpha control
- 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:

- Dual Halogen 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 level 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

B. Feature Requirements

- Seat. Deluxe solo saddle, special police type, breathable material covering, adjustable coil over spring suspension system
- 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- *
- 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
- Security system with 2 programmable key fobs and keys
- Wheelbase 64 inches (1625 mm)
- Laden Seat Height 27.3 inches (695 mm)
- Gross Vehicle Weight Rating 1360 lbs (617 kg.)
- Dry Weight 805 lbs. (365 kg.)
- Running Order 842_{st} lbs. (382 kg.)
- Service Intervals 1st 1000 miles and then every 5000 miles thereafter
- Warranty 24 months, unlimited mileage

Saddlebags will be provided by the Agency. 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

The City of Hattiesburg will only accept bids for products manufactured and assembled/packaged in plants located in the United States. Written certification shall be provided upon request of Hattiesburg Police Department Officials.

The City reserves the right to award multiple categories or line items to the lowest and best bidder. All bidders must list the manufacturer and model or part number for each product offered.

IMPORTANT: All bids shall be submitted utilizing the enclosed bid form furnished by the City of Hattiesburg. To ensure continuity of all bids received, vendors shall bid only on specified item(s) in units(s) of measure listed. Failure to comply will automatically disqualify bid from consideration by the City.

PAYMENT TERMS: Remittance within thirty (30) days from satisfactory delivery of goods and/or receipt of invoice(s).

PRICES shall be FIRM for a period beginning with official award of the bid, and ending March 31, 2021, items to be purchased as required.

The City of Hattiesburg and/or the vendor has the option to terminate the contract after a period of one year.

DELIVERY: F.O.B. Hattiesburg, Mississippi, within thirty to sixty (30-60) days from issuance of purchase order, freight prepaid.

The lowest and best bid received will be accepted, subject to the provisions of Section 31-7-13 of the Mississippi Code of 1972, Annotated as Amended, and other applicable State law; but the Council reserves the right to reject any and all bids received and to waive informalities.

APPROVED on this, the 22nd day of January, 2019.

CITY OF HATTIESBURG, MISSISSIPPI

BY:

CITY CLERK

SPECIFICATIONS APPROVED BY:

HATTIESBURG DEPARTMENT

