

Specification for Motorcycles

October 15, 2019
Bid Opening Date

All bids must meet or exceed the minimum specifications as set forth in the Invitation for Bid.

Scope: These specifications are intended to describe the mechanical, safety and comfort requirements for solo, certified traffic law enforcement motorcycles which will be used by the MS Department of Public Safety/ Mississippi Highway Safety Patrol, to enforce traffic laws, commercial vehicle compliance with equipment and safety regulations and to provide escort services for government officials, domestic and foreign diplomats.

Standards: The motorcycles covered by these specifications shall conform to the highest quality of materials/parts and in accordance with applicable federal regulations.

Product: All products bid shall be the brand name that is listed. No substitution or alternate will be accepted or allowed unless documents are provided stating the manufacturer has been bought by another manufacturer or the product number has changed.

Notes: This specification shall, until revised or rescinded by the Department of Public Safety, apply to each future purchase.

It is the intent of the specifications to obtain a product that will adequately meet the needs of the agency while promoting the greatest extent of competition that is practicable. It is the responsibility of the prospective bidder to review the entire Invitation for Bid packet and to notify the Procurement Department of the MS Department of Public Safety if the Specifications, Instructions and Special Conditions, or the General Conditions are formulated in a manner which would unnecessarily restrict competition. Any protest or questions concerning the specifications or bidding procedures must be received in writing in the MS Department of Public Safety, Procurement Office, not less than 72 hours prior to the time and date set for the bid opening.

A. ENGINE:

Shall have a piston displacement of not less than 1450cc, 88 cu. in., shall be air or liquid cooled, and shall have two or more cylinders equipped with overhead valves. Engine shall be designed to insure that any vibration frequencies and magnitudes shall be minimal. Engine and transmission isolated from motorcycle frame through a rubber mounting system.

- (1) Powertrain deluxe chrome group; designed for low maintenance; black wrinkle paint finish on engine; chrome rocker boxes, timer cover, outer primary housing and transmission cover
- (2) Sequential Port Fuel Injection System
- (3) Chain drive twin cams

B. CLUTCH/TRANSMISSION:

- (1) Clutch shall be of latest multiple plate design.
- (2) Transmission shall be of latest design, manual type, having not less than five (5) forward gears.
- (3) Requires clutch disengaged for starter motor operation; low effort hand levers.
- (4) Primary Drive: double row chain.

C. Brakes: Disc brakes, front rear with Anti-Lock Braking System.

D. Fairing: Fairing shall be a fixed Non-removable fairing.

Options for New Motorcycles:

- 1. Paint in Artic White Paint Code #563
- 2. Saddle Bag Guard Rails Part #90200561