

Great Falls Public Schools

BID SPECIFICATIONS

16-Foot Commercial Lawn Mower

General Information:

Great Falls Public Schools is requesting bids for the purchase of one (1) 16-foot commercial-grade lawnmower. The lawnmower will be used for maintaining the lawns at 21 schools within the District. The specifications below represent the minimum standards required for this purchase.

Lawnmower Specifications:

1. Mower Deck:

- Cutting width: Minimum of 16 feet (192 inches).
- Number of decks: Three (3) fully floating mower decks, each independently suspended for optimal ground following.
- Deck construction: Heavy-duty welded steel construction with reinforcements in high-impact areas.
- Cutting height: Adjustable from 1.5 inches to 5 inches in 0.5-inch increments.
- Number of blades: A minimum of three (3) cutting blades per deck.
- Blade engagement: Electric or hydraulic blade engagement for efficient operation.
- Anti-scalp rollers: Adjustable anti-scalp rollers to minimize ground damage.

2. Engine:

- Type: Diesel, liquid-cooled, minimum 55 horsepower (HP) or equivalent.
- Compliance: Must meet all current EPA emissions standards.
- Fuel capacity: Minimum 20-gallon diesel fuel tank for extended operation.

3. Transmission:

- Hydrostatic transmission or equivalent system capable of delivering continuous, variable speed control.
- Four-wheel drive with selectable two-wheel or four-wheel drive modes for different terrain conditions.

4. Operator Station:

- Ergonomic operator seat with adjustable suspension for operator comfort.
- Rollover Protection System (ROPS) compliant with OSHA regulations.
- Adjustable steering column and easy-to-reach controls.
- Operator presence control to ensure safety during operation.

- Weather protection: Optional cab or canopy to protect the operator from weather elements.
- Noise and vibration reduction technology.

5. Maneuverability:

- Turning radius: Minimum of 0-degree turn capability or equivalent for maneuvering around obstacles.
- Steering: Power-assisted steering with easy-to-use controls for precise operation.

6. Safety Features:

- Full ROPS (Rollover Protection System).
- Seatbelt system for operator safety.
- Emergency stop switches within operator reach.
- Reverse alarm system and safety interlocks to prevent operation without the operator present.

7. Warranty:

- Manufacturer warranty: Minimum of two (2) years or 2,000 operating hours.
- Coverage: Includes engine, transmission, electrical systems, and mower deck components.

8. Service and Support:

- Vendor must provide access to authorized service centers for maintenance and warranty support.
- On-site training for District maintenance staff regarding operation, maintenance, and safety procedures.
- Access to spare parts and manuals for all components of the lawnmower.

9. Delivery and Set-Up:

- Delivery to the Great Falls Public Schools District Maintenance Facility.
- Complete setup and inspection to ensure mower is fully operational upon delivery.
- Removal of all shipping materials.

10. Optional Features (Add-Ons):

- Mulching kit.
- Rear discharge conversion kit.
- Additional LED lighting package for extended hours of operation.
- Canopy or cab with heating and air conditioning.

Bid Submission Requirements:

- Bidders must include detailed product specifications for the proposed mower, including brochures, manuals, and warranty information.
- The price must include delivery, setup, training, and applicable warranties.
- References from other school districts or entities using the same or similar models should be included.

Bid Due Date:

All bids must be submitted by Tuesday, December 3, 2024 to the Great Falls Public Schools Maintenance Department.

Contact Information:

For any questions regarding this bid or the specifications, please contact:

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