

NOTICE TO BIDDERS

The Roscommon County Road Commission will receive sealed bids until 3:30 p.m. (for a bid opening during the regular Board meeting commencing at 7:00 p.m.) on Thursday, February 24, 2011, at their Prudenville office located at 820 E. West Branch Rd.(M-55), Prudenville, MI 48651, for the purchase of one new Self-Propelled Road Sweeper.

SELF-PROPELLED ROAD SWEEPER

Specifications may be obtained by contacting the Roscommon County Road Commission at the above address.

Submit bids in a sealed envelope that is clearly marked with the words: "**Self-Propelled Road Sweeper**"

The Roscommon County Road Commission reserves the right to reject any or all bids, to waive irregularities in the bid, to waive details in the specifications, and to accept the bid deemed to be in the best interest of Roscommon County.

Board of Roscommon County
Road Commissioners

Jackie Bertsch, Chair
R. Bill Ancel, Vice-Chair
Clint L. Stauffer, Member
Kim Akin, Member
Thomas McGinnis, Member

ROSCOMMON COUNTY ROAD COMMISSION
SPECIFICATIONS
ONE (1) SELF-PROPELLED ROAD SWEEPER

The Roscommon County Road Commission is looking to purchase a Self-Propelled Road Sweeper. This broom will be used in the spring for sweeping sand from our roads that was used for winter maintenance, and also to be used on our summer construction projects and intersection.

Engine

Rear mounted for better visibility. Minimum 80 HP diesel at 2,600 RPM. Tier III compliant diesel engine. Air cleaner to be dual element dry-type with per-cleaner at cab height, 12 volt electrical system, 120 ampere alternator and 800 CCA battery.

YES, MEETS ALL SPECIFICATIONS
 NO, DESCRIBE _____

Instruments

All gauges to be assembled on a common dash with easy visibility from operator's seat. To include hour meter, tachometer, oil, water temperature and fuel gauge. Traffic horn with a button and a minimum of 95 decibel reverse alarm.

YES, MEETS ALL SPECIFICATIONS
 NO, DESCRIBE _____

Lighting

Lights shall include two headlights, two rear work lights, stop, tail and turn signals with controller and flasher (including 4-way flasher) and a rotating amber beacon (no strobe light will be accepted).

Cab

Cab shall have tinted safety glass, door lock, windshield wiper with windshield washer, front and rear, padded insulation, floor mat, rollover protection structure, heater and defroster, pressurized air conditioner, AM/FM/CD radio, tilt and telescoping steering column, hand control for forward and reverse, west coast mirrors. And a deluxe suspension seat with gas shock absorbing.

YES, MEETS ALL SPECIFICATIONS
 NO, DESCRIBE _____

Transmission

Shall be fully hydrostatic, with speeds infinitely variable to 34 MPH. A 10 micron suction filter will provide oil to the hydrostatic pump. Foot control shall be used for forward and reverse, as well as dynamic braking. Hydrostatic control to be spring loaded to return to positive neutral position when foot is removed. This prevents inadvertent movement when sitting stationary with the engine running.

YES, MEETS ALL SPECIFICATIONS
 NO, DESCRIBE _____

SELF-PROPELLED ROAD SWEEPER
SPECIFICATIONS

Frame

All shall be solid welded heavy structural steel, front and rear bumpers. Rollover protection structure tested to SAE J1040 standards and canopy with rear view mirrors.

____ YES, MEETS ALL SPECIFICATIONS
____ NO, DESCRIBE _____

Steering

Shall be open center orbital type power steering unit, with power beyond and dead steering capabilities.

____ YES, MEETS ALL SPECIFICATIONS
____ NO, DESCRIBE _____

Brakes

Shall be self-adjusting hydraulic drum on rear and disc on front axle, with dual master cylinder. A mechanical type parking brake with indicator light shall be furnished.

____ YES, MEETS ALL SPECIFICATIONS
____ NO, DESCRIBE _____

Weight

The weight of the unit excluding optional equipment shall be a minimum of 5,000 pounds.

____ YES, MEETS ALL SPECIFICATIONS
____ NO, DESCRIBE _____

Dimensions

Height 103 inches with canopy, Length 172 inches, Transport width 98 inches, and Turning Radius 13.5 ft (inside).

____ YES, MEETS ALL SPECIFICATIONS
____ NO, DESCRIBE _____

Brush Core

Shall be steel constructed for use with 32" diameter wafer type brush segment. Shall be 10" in diameter by 8' in length, filled with polypropylene wafers. Brush to be powered by hydraulic motor independent of travel speed, with direct drive motor located in side brush core. Rubber shield shall be provided to deflect flying debris from damaging other parts of the sweeper. Brush assembly shall have a wrap-around type metal shield the length of brush core and covering 140 degrees, with front deflection shield (rubber).

____ YES, MEETS ALL SPECIFICATIONS
____ NO, DESCRIBE _____

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Sweeping Angle

Unit shall be capable of sweeping angles from 45 degrees left to 45 degrees right. The circle swing frame mounted on a minimum of 8 heavy-duty tapered bearing with debris guards.

____ YES, MEETS ALL SPECIFICATIONS
____ NO, DESCRIBE _____

Broom Controls

Joystick control shall be conveniently located on operator's station and it shall include the following controls for the brush: stop, raise, lower, float or lock in any desired position.

____ YES, MEETS ALL SPECIFICATIONS
____ NO, DESCRIBE _____

Water Tank

The tank shall be rust proof with a minimum of 170 gallons and a 3 gpm high efficiency electric pump, and galvanizes spray bar with 8 spray nozzles.

____ YES, MEETS ALL SPECIFICATIONS
____ NO, DESCRIBE _____

Hydraulic

Hydraulic tank shall be 27 gallon capacity with a sight level and a temperature gauge. Shut-off valves shall be located on the hydraulic tank to close while changing filters. A 100 mesh screen will be provided for oil exiting the tank and a 10-micron filter for oil returning to the tank.

____ YES, MEETS ALL SPECIFICATIONS
____ NO, DESCRIBE _____

Front Axle

The front axle shall be oscillating type, with hydraulic disc brakes. Axle shall be mounted to a heavy-duty bolter, which oscillates on a center-mounted pin, connected to the front bumper.

____ YES, MEETS ALL SPECIFICATIONS
____ NO, DESCRIBE _____

Rear Axle

The rear axle shall be ¾ ton truck type, with hydraulic drum brakes, powered by a fixed displacement hydrostatic motor through a two-speed gearbox (a low gear to provide sweeping power and a high gear for road use). Maximum road speed shall be at least 34 MPH. Rear Axle to have leaf springs with a minimum 3,500-pound load-carry capacity.

____ YES, MEETS ALL SPECIFICATIONS
____ NO, DESCRIBE _____

**SELF-PROPELLED ROAD SWEEPER
SPECIFICATIONS**

Paint

To be prime painted, with rust inhibitor primer and top coated with industry quality urethane paint.

_____ YES, MEETS ALL SPECIFICATIONS

_____ NO, DESCRIBE _____

Manuals

A parts book and service manual with a completed operator's manual must be provided.

_____ YES, MEETS ALL SPECIFICATIONS

_____ NO, DESCRIBE _____

Warranty

Warranty shall be 1 year 1,000 hour from the time of delivery against operational failure caused by defective material or faulty workmanship that occurs during normal use.

_____ YES, MEETS ALL SPECIFICATIONS

_____ NO, DESCRIBE _____

Miscellaneous

Unit must include a spare tire and wheel and a complete set of filters for the entire unit.

_____ YES, MEETS ALL SPECIFICATIONS

_____ NO, DESCRIBE _____

Submit bids in a sealed envelope that is clearly marked with the words: 'Self-Propelled Road Sweeper Bid'. The Roscommon County Road Commission reserves the right to reject any or all bids, to waive irregularities in the bid, to waive details in the specifications, and to accept the bid deemed to be in the best interest of Roscommon County.

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ROSCOMMON COUNTY ROAD COMMISSION
BIDDER SHEET
SELF-PROPELLED ROAD SWEEPER

Year, Make Model: _____

Options:

7-1/2 Front Scraper Blade \$ _____

Extended Warranty \$ _____

Exceptions to bid specifications: _____

Voluntary Options: _____

BID PRICE \$ _____ EA

Bid firm for: _____ days.

Delivery Date: _____

_____ Fax Number

_____ Company Name

_____ Telephone Number

_____ Address

_____ Date

_____ Signature

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