



**Request for Sealed Proposal
Two-Wheel Drive Tractor with Boom Mower
September 22, 2016**

Sealed proposals will be received until **2:00 p.m. on Friday, October 7, 2016**, by the City of Martinsville Public Works Department to contract with a firm for the purchase of one (1) **Two-Wheel Drive Tractor with Boom Mower**, as per proposal specifications. Proposals will be received in the office of the Purchasing Manager, Karen Mays, City of Martinsville Central Warehouse, located at 990 Fishel Street, Martinsville, Va. 24112-3248. Proposals may be mailed, hand delivered, sent by FedEx or UPS to the 990 Fishel Street address or sent by postal mail to the City of Martinsville Purchasing Department, P O Box 1112, Martinsville, Va. 24114-1112. Place "Tractor w/Boom Mower" on the lower left hand corner of the envelope with the due date and time. There will not be a formal opening. Only the names of those submitting proposals will be given.

Proposals are requested for one Two-Wheel Drive Tractor with Boom Mower, delivered to the City of Martinsville, ready for operation at time of delivery, as follows:

MINIMUM GENERAL SPECIFICATIONS FOR TRACTOR & MOWER:

TRACTOR FEATURES

BRAKES: Wet disk hydraulic power brakes. Parking brake or parking position.

COOLING SYSTEM: Shall be heavy duty, large capacity with coolant recovery system. Antifreeze to protect to -20 degrees F.

ELECTRICAL: 12 volt electrical system, key shutoff, heavy duty battery, 90 amp alternator, safety start switch.

ENGINE: 4-cylinder turbo charged diesel, 90-120 HP capable of providing sufficient power to efficiently operate the mowing unit, dry type air cleaner, foot throttle, engine side shields, low oil/ high temperature warning features.

HITCH & DRAWBAR: Rear 3-point hitch, Category 2.

INSTRUMENTATION: Gauges to include tachometer, hour meter, fuel and coolant temperature. Warning lights to include engine oil pressure, battery, parking brake, hydraulic oil filter, hydraulic oil pressure, transmission oil pressure, air cleaner restriction, differential lock, turn signal indicator lights.

LIGHTS: Two front halogen headlights, one rear halogen work light and two front halogen work lights, taillights/four way flasher, turn signals shall be fender mounted.

MANUALS: One(1) each: Service/technical manual, parts manual, operator manual. One (1) complete training video shall be included with total order.

MISCELLANEOUS: Unit shall include electric horn, **SMV** emblem, electric backup alarm, external lockable toolbox.

MUFFLER: Vertical exhaust with under hood muffler.

POWER TAKE-OFF: Standard 540 rpm PTO.

REAR AXLE: Locking differential.

ROPS: Tractor to have ROPS with Canopy Top

STEERING: Power steering with tilt steering wheel.

TIRES/WHEELS: *Front:* 10.00 x 16 F-2
Rear: Two (2), radial R-1, 18.4 x 34,

TRANSMISSION: 12 x12 Speed transmissions with hydraulic forward/reverse. Oil cooled multi-disc wet clutch.

WARRANTY(Primary): 2 year full warranty.

WEIGHT: Approximate shipping weight without ballast, 8,500 lbs.

To Be Bid as an Option:

- 1. CAB:** Should be fully enclosed and include ROPS, sound suppression, pressurized, tinted safety glass all around, two-speed front/rear wipers, rear view mirror, exterior mirrors l/r side, deluxe adjustable suspension high-back swivel seat with belt, swing out rear window, tool box, dome light, two doors w/locks, top-hinged rear window and air conditioning.
- 2. LED Lights:** installed on tractor.

BOOM MOWER FEATURES

MID-MOUNT, ROTARY CUTTER HEAD

Unit should be a 22' reach, mid-mounted, articulated and hydraulically powered rotary head boom mower. Unit shall be capable of cutting grass and brush on roadsides, creek banks and other areas that are not accessible to conventional mowing equipment. The unit shall be new, unused and current production model. Mower shall be mounted and delivered as a complete working unit ready for immediate use.

FRAME & MOUNTING:

- The frame should be mid-mounted to the underside of tractor with front and rear attaching rails. Frame mount should provide for unrestricted movement of boom and offer limited obstructions to forward vision.
- Adequate counterweight that is mounted on left rear wheel.
- Wheel weight shall be configured to tractor/boom combination.

HYDRAULICS:

- Steel gear type pump. Rated for application.
- Hydraulic tank mounted under rear fender.

SAFETY SHIELD:

- A right side shield shall be provided to protect operator when cutting head is in use.

BOOM REST:

- A 2-piece boom rest should be mounted to the rear axle or mower frame to cradle the boom when it is in transport position. The rest shall take pressure off the lift, dipper, and swing cylinders when in transport.

DECK:

Width: 60". Heavy duty, swivel, rotary type.

Material: Deck shall be heavy duty steel with approx. 3/8" steel sides.

Skid shoes: Replaceable, full-length steel.

- Cutting head should hydraulically pivot for transport behind the cab.
- Cutting head should be capable of cutting grass, weeds and brush up to 5" diameter.
- Cutting head to include a rear discharge, rubber safety flap
- Motor: Gear type. Direct coupled. Motor drive should be splined, direct drive and enclosed.

MANUALS: One (1) each shall be provided: Service, parts, operator.

SELECTION CRITERIA

Award will be made to the most responsive and responsible bidder for both the tractor and mower:

Selection criteria used in determining the successful vendor will be factors such as meeting minimum general specifications, price, delivery schedule, warranty, payment terms, references, available parts and service. Please describe in detail each of these factors.

Along with these will be factors for the mower such as grade, width and thickness of the steel deck; rotary reinforcement of the deck; reach of mid-mount rotary cutting head; frame and mounting features; cutting head capabilities, as listed in boom mower features. A detailed brochure should clarify these factors.

The general description provided for the tractor and mower is intended as general guidelines only. The omission of any standard feature description shall not alleviate the supplier from the responsibility of furnishing a complete tractor with mower with all standard equipment of the manufacturer's latest improved model in current production as offered to commercial trade. It shall be required that each unit be completely assembled and adjusted and that all equipment, including standard, and optional equipment (if purchased), be installed and made ready for continuous operation at the time of delivery.

Unless otherwise provided in this bid, these minimum specifications shall be deemed to convey the general style, type, character, and quality desired. They are not intended to be restrictive. The City reserves the right to determine equality and will select the products that are best suited for the City's needs. Bidders are required to state exactly what they intend to furnish, otherwise, it is fully understood that they shall furnish all items as stated. If quoting an equal, your proposal must be accompanied by descriptive literature.

The City will evaluate each proposal and select the equipment it deems best suited for the City of Martinsville. The City of Martinsville reserves the right to select any proposal determined to best serve its needs without regard for price or any other specific detail or any proposal. The City of Martinsville reserves the right to accept or reject any and all proposals, to request additional information from any proposer, and to negotiate with any proposer for additional services, lower cost, or any other issue pertaining to this request. Vendors may submit more than one proposal for our evaluation.

Prices given must include freight/delivery charges to the City of Martinsville Central Garage, 1000 Fishel Street, Martinsville, Va. 24112. Quote F.O.B. Martinsville, Va. Freight prepaid and allowed.

Inquiries should be sent to Karen Mays, Purchasing Manager, by email at kmays@ci.martinsville.va.us.

Faxes and emails are not acceptable. This is a sealed proposal, and must be mailed, hand delivered or sent by FedEx or UPS.

REFERENCES:

Proposal shall provide a list of at least 3 references where similar equipment has been provided. Each reference shall include the name of the organization, the contact person, telephone number and email address.

ORGANIZATION	CONTACT PERSON	TELEPHONE	EMAIL ADDRESS
--------------	----------------	-----------	---------------

1.	_____	_____	_____
----	-------	-------	-------

_____	_____	_____	_____
-------	-------	-------	-------

2.	_____	_____	_____
----	-------	-------	-------

_____	_____	_____	_____
-------	-------	-------	-------

3.	_____	_____	_____
----	-------	-------	-------

_____	_____	_____	_____
-------	-------	-------	-------

PIGGY BACK CLAUSE:

According to the State of Virginia Public Procurement Act, any other state, local or government agency may use this proposal as a basis for procuring such items.



BID FORM

**TO: CITY OF MARTINSVILLE
MARTINSVILLE, VIRGINIA**

The undersigned has carefully examined the Specifications and hereby declares to furnish the following items in the manner prescribed in the specifications, for the following price:

Two-Wheel Drive Tractor with Boom Mower \$ _____

Option 1: Cab as described on Page 2 \$ _____

Option 2: LED Lights \$ _____

Please list any exceptions to these specifications on separate pages.

Quote a delivered price to the City of Martinsville. F.O.B. Martinsville, Va. Freight prepaid and allowed.

Include these pages with any submittals.

Vendor Name

Mailing Address

Phone & Fax Numbers

Email Address

By _____

Signature & Title

Date