



THE CORPORATION OF THE CITY OF NIAGARA FALLS
REQUEST FOR QUOTATION - SUPPLY

SPEC. #85F-8
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RFQ24-2021
SUPPLY & DELIVER FOUR (4) ZERO-TURN RIDING MOWERS
SPECIFICATIONS AND CONFIRMATION

GENERAL SPECIFICATION

This specification covers new, current model year rear-wheel drive, rear steering mowers.

It shall be supplied with all standard equipment plus all other equipment as outlined in this specification if not standard, and it is the supplier's responsibility to ensure that the machine is suitably equipped for providing safe and efficient operation.

Bids submitted will be considered non-complaint where minimums are not met and "NO" is specified.

DETAILED SPECIFICATIONS

A. TRACTOR

1. **MAKE AND MODEL**

SPECIFY

Kubota ZD1211R-60R or approved equivalent

MAKE _____

MODEL _____

YEAR _____

2. **WEIGHT AND DIMENSIONS**

SPECIFY

Tractor weight (w/ mower) _____ lbs.

Overall length shall be 89 inches approximately _____ in.

Overall width shall be 60 inches approximately _____ in.

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2. **WEIGHT AND DIMENSIONS** (Cont'd) **SPECIFY**
- Overall width with mower shall be 63 inches approximately _____ in.
- Wheelbase shall be 57 inches approximately _____ in.
- Zero turning radius _____ YES/NO
- Overall height top of ROPS 79 inches approximately _____ in.
- Overall height top of ROPS folded 65 inches approximately _____ in
- Fuel tank capacity _____ Litres

3. **TIRES** **SPECIFY**
- Front castor tires shall be 15 x 6.0-6 smooth semi-pneumatic _____ YES/NO
- Rear drive tires shall be Michelin X TWEEL Turf _____ YES/NO

4. **STEERING** **SPECIFY**
- Power, hydrostatic steering _____ YES/NO
- Skid-steer steering _____ YES/NO
- Steering shall be with 2 individual hand levers _____ YES/NO

5. **ENGINE** **SPECIFY**
- A 3 cylinder diesel engine shall be supplied _____ YES/NO
- MAKE _____
- MODEL _____
- NO. OF CYLINDERS _____

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5. **ENGINE (Cont'd)** **SPECIFY**
- Displacement shall be 68.5 cu. in. minimum _____ cu.in.
- Maximum HP shall be 24.8 @ 3000 r.p.m. _____ hp. _____ r.p.m.
- Heavy duty canister type, dual stage air cleaner,
air restrictor indicator _____ YES/NO
- Full flow replaceable oil filter _____ YES/NO
- Pressurized liquid cooling system _____ YES/NO
-
6. **DRIVETRAIN** **SPECIFY**
- Transmission system 2- HST with gear reduction _____ YES/NO
- Pushing both levers forward for forward and back for
reverse travel _____ YES/NO
- Each lever shall work independent from each other _____ YES/NO
- Forward travel speed _____ km/hr
- Reverse travel speed _____ km/hr
-
7. **POWER TAKE OFF** **SPECIFY**
- P.T.O. system shall be shaft drive _____ YES/NO
- P.T.O. brake wet single disc _____ YES/NO
- Hydraulic independent PTO clutch with wet multi disc _____ YES/NO
-
8. **BRAKES** **SPECIFY**
- Wet multi disc _____ YES/NO
- Foot operated _____ YES/NO

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BRAKES (Cont'd)

Foot parking brake – active start _____ YES/NO

9. **ELECTRICAL**

SPECIFY

Electrical system shall be 12 volt _____ YES/NO

430 cold cranking amps. minimum _____ c.c.a.

70 minutes reserve capacity minimum _____ m.r.c.

Alternator capacity 14 Amps @ 14 volts _____ YES/NO

Key ignition starter shall be provided _____ YES/NO

A neutral safety starting switch shall be provided _____ YES/NO

10. **EQUIPMENT**

SPECIFY

Operator's seat shall be deluxe suspension, high back,
fully padded with heavy duty vinyl covering, lumbar support _____ YES/NO

Seat belt _____ YES/NO

11. **INSTRUMENT PANEL**

SPECIFY

The following instruments shall be provided:

Engine hour meter _____ YES/NO

Fuel gauge _____ YES/NO

Water temperature indicator _____ YES/NO

12. **NOISE EMISSION**

SPECIFY

Noise level is a criteria in the selection of this equipment
and a low sound emission unit is required. _____ YES/NO

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NOISE EMISSION (Cont'd)

Equipment must meet all applicable Federal and Provincial regulations governing noise emission levels for new equipment. _____ YES/NO

For normal operation of the equipment as specified with attachments average noise level reading at operator's ear not to exceed 85 db (a) _____ YES/NO

B. MOWER ATTACHMENT

1. MAKE AND MODEL SPECIFY

Kubota rear discharge RCK60RP-1200Z mower or approved equivalent

MAKE _____

MODEL _____

2. WEIGHT AND DIMENSIONS SPECIFY

Cutting width, 60 inches approximately _____ in.

Cutting height, 1 inch to 5 inches _____ to _____ in.

3. BLADES SPECIFY

Number of blades shall be 3 _____ YES/NO

Tip speed, (max) 16,900 _____ FPM

4. DRIVE SPECIFY

PTO driven _____ YES/NO

Bearings shall be greasable _____ YES/NO

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5.	<u>DECK</u>	<u>SPECIFY</u>
	The deck shall be raised and lowered hydraulically	_____ YES/NO
	Front and rear anti-scalp rollers	_____ YES/NO

6.	<u>MOUNTING</u>	<u>SPECIFY</u>
	Mower shall be mounted on the tractor with all necessary brackets, hardware and operating completely	_____ YES/NO

C. OTHER

1.	<u>MISCELLANEOUS</u>	<u>SPECIFY</u>
	The following shall be supplied for the power unit and mower attachment:	
	Service and repair manuals	_____ YES/NO
	Repair parts manuals	_____ YES/NO
	Operator's manuals	_____ YES/NO
	Signed manufacturer's warranty (copy to be submitted with tender)	_____ YES/NO

Provide part number information for the following

Air Filter: _____

Oil Filter: _____

Fuel Filter: _____

Transmission Filter: _____

Hydraulic Oil Filter: _____

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2. INSTRUCTION SPECIFY

Upon delivery or immediately after a manufacturer’s representative familiar with the equipment will, with the Fleet Supervisor, Department Supervisor and Operator demonstrate the proper operating and maintenance procedures required for full utilization of the equipment.

3. PARTS AND SERVICE SPECIFY

Parts and service are to be readily available to
The City of Niagara Falls

_____ YES/NO

LOCATION: _____

4. GENERAL SPECIFY

Equipment must be supplied with suitable components to
comply with this specification in all aspects

_____ YES/NO

Where minimums are called for, the equipment must meet or
exceed the capacity, size or performance specified

_____ YES/NO

This specification lists only the major details of a unit,
therefore, it is the supplier's responsibility to deliver fully
equipped equipment with compatible components to provide
dependable and efficient service

_____ YES/NO

COMPANY NAME: _____ **NAME:** _____