



# City of Grand Island

Tuesday, November 12, 2019

Council Session

## Item G-24

**#2019-343 - Approving Purchase of One (1) New Commercial 16 foot Mower for the Parks Division of the Parks & Recreation Department**

Staff Contact: Todd McCoy, Parks & Recreation Director

# **Council Agenda Memo**

**From:** Todd McCoy, Parks and Recreation Director

**Meeting:** November 12, 2019

**Subject:** Purchase of One (1) New Commercial 16' Mower for the Parks Division

**Presenter(s):** Todd McCoy, Parks and Recreation Director

## **Background**

The Parks Division budgeted this year to replace two mowers (1970's and 1998 units) with a new 16' mower. The replacement mower is necessary as the current units are becoming less dependable. The new mower will provide additional years of service to the Parks Division operation.

## **Discussion**

The mower specifications awarded under the Sourcewell Cooperative Buying Group contract meet the requirements for the Parks Division. Turfwerks of Omaha, Nebraska submitted a bid with no exceptions in the amount of \$95,250.00 for one (1) new mower. The purchase will be funded from capital account 41044401-85615.

### **Sourcewell Cooperative Buying Group Contract No. 161769**

One (1) Jacobsen HR800, 75 HP Kubota, 16' cut, 4WD Mower

## **Alternatives**

It appears that the Council has the following alternatives concerning the issue at hand. The Council may:

1. Move to approve
2. Refer the issue to a Committee
3. Postpone the issue to future date
4. Take no action on the issue

## **Recommendation**

City Administration recommends that the Council approve the purchase of one (1) new Jacobsen HR800, 75 HP Kubota, 16' cut, 4WD mower from Turfwerks of Omaha, Nebraska. The total purchase price is \$95,250.00.

## **Sample Motion**

Move to approve the purchase of one (1) new Jacobsen mower for the Parks Division in the amount of \$95,250.00.



PARTNERS IN GROWTH  
Eagan, MN - Johnston, IA - Sioux Falls, SD - Omaha, NE

## Equipment Request

<b>Customer Name</b>	Grand Island Parks Dept	<b>Date</b>	21-Oct-19
<b>Account Number</b>		<b>Ship Address</b>	
<b>Contact Person</b>	Barry Burrows	<b>City</b>	Grand Island
<b>Phone Number</b>		<b>State</b>	NE
<b>Mobile Number</b>	308.390.0330	<b>Zip Code</b>	
<b>Fax Number</b>		<b>Email Address</b>	<a href="mailto:bburrows@grand-island.com">bburrows@grand-island.com</a>

**PO Number** X \_\_\_\_\_ **Salesman Number** X 18

**Deliver Date** X \_\_\_\_\_ **Special Terms** X \_\_\_\_\_

MODEL #	QTY	PRODUCT DESCRIPTION	List Price	Sourcewell Contract Price
<b>SPECIAL PRICE ON CAB UNIT</b>				
462411G01	1	Jacobsen HR800, 75HP Kubota, 16' width cut, 4wd with climate controlled cab with A/C and heat	\$91,740.00	\$ 91,740.00
4336131	1	Care free tires	\$1,000.00	\$ 740.00
LMAC590	1	Road pkg kit for cab	\$1,162.00	\$ 860.00
LMAC599F	1	Rear wiper kit	\$258.00	\$ 190.00
	1	Front rim and tire	\$668.00	\$ 495.00
	1	Rear rim and tire	\$270.00	\$ 200.00
	1	Extra set of front blades (set of 9)	\$304.00	\$ 225.00
	1	Tinted windows	\$1,081.00	\$ 800.00
		<b>Total</b>		\$ 95,250.00
<b>Subtotal</b>				
<b>Sales Tax</b>				\$ -
<b>TOTAL</b>				\$ -

**Notes**  
**\*SPECIAL PRICE ONLY WHILE UNIT IS IN STOCK**

JACOBSEN

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Smithco

TURFCO

PROGRESSIVE  
TURF EQUIPMENT INC.  
The Better Built Choice™

## SPECIFICATIONS

## Wide Area Rotary Mower

Engine	HR600	HR700	HR800
Type	Kubota* V2303-CH-T4-4, turbo diesel	Kubota* V2303-CH-T4-4, turbo diesel	Kubota* V2303-CH-T4-4, turbo diesel
HP/Power*	65.2 hp (48.6 kW) @ 2700 rpm	65.2 hp (48.6 kW) @ 2700 rpm	74.3 hp (55.4 kW) @ 2600 rpm
Emission Level	Stage II	Stage II	Stage II
Cooling System	Water pump	Water pump	Water pump
Fuel Capacity	20.2 gal (77.1 L)	20.2 gal (77.1 L)	29.5 gal (109.8 L)
Electrical System	12-volt, input/output controller, 80 amp alternator, overload protection with automotive type fuses	12-volt, input/output controller, 80 amp alternator, overload protection with automotive type fuses	12-volt, input/output controller, 80 amp alternator, overload protection with automotive type fuses
Direction & Drive	Forward	Forward	Forward
Drivetrain	Front-wheel drive	Front-wheel drive	Front-wheel drive
Deck Drive	Hydraulic	Hydraulic	Hydraulic
Hydraulic Capacity	13.3 gal (50.7 liter) capacity reservoir	13.3 gal (50.7 liter) capacity reservoir	20.3 gal (76.8 liter) capacity reservoir
Hydraulic System	Open center hydraulic motors with self-lubricating integral bearings	Open center hydraulic motors with self-lubricating integral bearings	Open center hydraulic motors with self-lubricating integral bearings
Speeds (Mph)	10 mph (16.4 km/h)	10 mph (16.4 km/h)	11 mph (17.7 km/h)
Forward	High Speed 20 mph (32.2 km/h), Low Speed 10 mph (16.1 km/h)	High Speed 20 mph (32.2 km/h), Low Speed 10 mph (16.1 km/h)	High Speed 20 mph (32.2 km/h), Low Speed 10 mph (16.1 km/h)
Reverse	6 mph (9.6 km/h)	6 mph (9.6 km/h)	6 mph (9.6 km/h)
Front Brakes & Steering	26 x 12-12 tubeless 8 ply	26 x 12-12 tubeless 8 ply	26 x 14-12 tubeless 6 ply
Front tires	20 x 10-8 tubeless 8 ply	20 x 10-8 tubeless 8 ply	20 x 10-8 tubeless 8 ply
Rear tires	Dynamic through factor system	Dynamic through factor system	Dynamic through factor system
Service Brake	Automatic wet parking brakes integrated into wheel motors	Automatic wet parking brakes integrated into wheel motors	Automatic wet parking brakes integrated into wheel motors
Working Brake	Q-Arm* variable rate, hydraulic, 10 micron remote charge filters, suction screen at tank, oil cooler side	Q-Arm* variable rate, hydraulic, 10 micron remote charge filters, suction screen at tank, oil cooler side	Q-Arm* variable rate, hydraulic, 10 micron remote charge filters, suction screen at tank, oil cooler side
Frontal	Q-Arm* variable rate, hydraulic, 10 micron remote charge filters, suction screen at tank, oil cooler side	Q-Arm* variable rate, hydraulic, 10 micron remote charge filters, suction screen at tank, oil cooler side	Q-Arm* variable rate, hydraulic, 10 micron remote charge filters, suction screen at tank, oil cooler side
Deck Construction	137 in. (3.5 m)	137 in. (3.5 m)	137 in. (3.5 m)
Deck Width	One 60 in. (1.52 m) front deck, Two 24 in. (1.12 m) wing decks	One 60 in. (1.52 m) front deck, Two 24 in. (1.12 m) wing decks	One 72 in. (1.83 m) front deck, Two 66 in. (1.68 m) wing decks
Deck Construction	11 gauge (3 mm) Domex high strength steel shell with 11 gauge (3 mm) bolt in grille and stiffeners	11 gauge (3 mm) Domex high strength steel shell with 11 gauge (3 mm) bolt in grille and stiffeners	11 gauge (3 mm) Domex high strength steel shell with 11 gauge (3 mm) bolt in grille and stiffeners
Deck Construction	Eight, 4 x 11 in. smooth tires with greasable tapered roller bearings	Eight, 4 x 11 in. smooth tires with greasable tapered roller bearings	Two, 4 x 11 in. smooth tires with greasable tapered roller bearings
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Deck Construction	Eight, 4 x 11 in. smooth tires with greasable tapered roller bearings	Eight, 4 x 11 in. smooth tires with greasable tapered roller bearings	Two, 4 x 11 in. smooth tires with greasable

Engine horsepower is provided by engine manufacturer. Actual operating power output may vary due to conditions of specific use.

NOTE: Specifications, while correct at time of printing, may change without notice.

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# HR<sup>TM</sup> Series

## Wide Area Rotary Mower



HR700 shown

The all new HR Series of wide area rotary mowers delivers the next generation of productivity on all fronts. The ultra-durable new SureStrength™ decks and superior maneuverability make it the ideal mower for sports fields, parks and green spaces, schools, airports, golf courses, and commercial grounds. By utilizing high strength, high performance steel and a compact chassis design, the HR series sets a new industry standard for the most efficient use of power.

## QUICK SPECS

**Engine:**

IR600/IR700 65.2 hp (48.6 kW) Kubota diesel Tier 4 Final (Stage IIIR)

HR300 - 74 3 hp (55.4 kW) Kubota® diesel Tier 4 Final (Stage IIIB) (Stage IIIB)

**Cutting Units:** Three individually controlled rotary decks

HR600 - 17 ft 5 in (3.5 m) width of cut, 60 m (152 m) front and two 44 in (1.12 m) wing decks

two 44 in (1.12 m) wing decks  
-R/00 - 14 ft (4.27 m) width of cut, 60 in (1.52 m) front and  
two 60 in (1.52 m) wings

two 60 in (1 52 m) wings  
FR300 - 16 ft (4 9 m) width of cut, 72 in (1 83 m) front and  
two 56 in (1 68 m) wings

## Transport Width:

HR500/HR700 - 65 in (1 67 m) at 1 in (25 mm) height of cut  
HR500 - 77 in (1 96 m) at 1 in (25 mm) height of cut

10310 *rubra* (Lamour.) M. & Powell 1944-1950

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# HR™ Series

## PRODUCTIVITY

- **The HR Series** delivers unmatched versatility, offering a range of cutting widths. Setting the standard, the HR600 (11.4 foot model) mows through up to 13.8 acres of grass per hour. Getting more done, the HR700 (14 foot model) cuts up to 17.0 acres of grass per hour, or the ultra productive HR800 (16 foot model) slices through up to 21.3 acres of grass per hour.
- **Unparalleled nimble platform** delivers zero uncut circle for effortless 180 degree turning, leaving no uncut grass and easier mowing around obstacles.
- **New AdaptiCut™** system automatically adjusts mow speed to ensure consistent cut performance even through the thickest grass.

## SERVICEABILITY

- **Individual hydraulic deck motors** with self-lubricating integral bearings deliver reliable cutting power to each blade and require no tensioning or greasing, maintenance of belts and pulleys.
- **InCommand™ control system** provides on-board diagnostics for quick and easy troubleshooting and displays maintenance reminders on-screen to aid in proper service and increased up time.

## COMFORT

- **Ergonomic cockpit** with optimal seating position, wing decks set forward of operator, and armrest located individual lift/lower deck joysticks for superior unobstructed views.
- **Tilt Sensor Technology (TST)™** ensures operator safety by automatically monitoring slope angles and alerting operators when nearing unsafe working conditions.



### Industry's narrowest transport in its class

- Wing decks fold up inside the front deck to easily gain accessibility

## PRODUCT CONFIGURATION

### EQUIPPED AS STANDARD ON THE HR SERIES

- ✓ SureTrac 4WD
- ✓ Foldable ROPS
- ✓ 3.8" full color display screen
- ✓ Tilt steering wheel
- ✓ 4 point tie downs
- ✓ ISO mounted operator's platform
- ✓ Fully adjustable suspension seat with seat belt
- ✓ Armrest controls
- ✓ Fully sealed, maintenance free rear axle
- ✓ Cruise control
- ✓ Password protected, programmable travel speeds
- ✓ Selectable manual, automatic, and creep modes

### ADDITIONALLY ON THE HR800

- ✓ Reversing fan

### ACCESSORIES

- ☐ Road light kit
- ☐ Canopy/sunshade
- ☐ Climate controlled cab
- ☐ Cab accessories - Road light kit, Rear wiper kit



### Factory installed, ROPS certified, climate controlled cab with A/C, heat, fan, ventilation, windows

and premium air suspension cloth seat provides superior protection and comfort in extreme temperatures.

Heating windshield with sunshade, wiper and washer helps maintain visibility in sun is glaring or weather turns bad. Additional features include - interior & exterior mirrors, amber beacons, left glass assist, door with locking handle and rear emergency exit.

Road light kit and rear wiper kit available.

## Wide Area Rotary Mower

### Comfortable, Productive Ride

ISO mounted operator platform complete with a full suspension, high back seat. Maximum visibility with minimum fatigue.

### Proven and Powerful

1104 4 Tind (Stage IIIB) Isuzu® Turbodiesel engine delivers exceptional mowing power to effortlessly take down the tallest, thickest grass.

### Reversing Fan (HR800)

Hydraulically controlled fan reverses on-demand or automatically via timer keeping air intake screen clear of debris and features automatic speed control providing optimal operating temperatures.

### Easy Access Hood

Instant access for daily maintenance and quick-change side panel for mow-through servicing. Side panel not behind operator for points and supplies.

### SureTrac™ 4WD

Patented-proven system automatically registers engine while needed. Provide superior traction for hill climbing and side slope operation. Also requires no demand 4WD in reverse.

### Maintenance Free, Wet Parking Brakes

Integrated into the front clutch motors, deliver safe to swing on even the steepest of slopes and keep no linkage in touch to secure or adjust.

### Best Use of Power

Lift series wide area rotary mowers are lighter than its competitor. The widest high strength, high performance steel structural deck and compact chassis design, a new capacity standard has been established for power to weight ratio and efficiency.

### SureStrength™ Decks

Constructed with heaviest high strength, high performance structural steel delivers greater durability in a lighter more sustainable design. Bolt-together construction makes for easy maintenance and repairs.

### Q Amp® Steering

variable rate steering system delivering straight line mowing while maintaining the last response required to turn immediately.

### Armrest Control

operator lift/lower control, on-finger joystick for fatigue free operation. Cross cut position for seamless transitioning over pathways. AdaptiCut™ system light indicators for real-time cut quality feedback.

### InCommand™ Control System

full color display screen providing real time on-board diagnostics, service intervals, and TST for safe slope operation ensuring operators and service technicians have information to run efficiently and safely.

HR800 shown



RESOLUTION 2019-343

WHEREAS, the Parks Division of the Parks & Recreation Department for the City of Grand Island, budgeted for one (1) new 16 foot mower in the 2019/2020 fiscal year; and

WHEREAS, said mower, one (1) Jacobsen HR800, 75 HP Kubota, 16 foot cut 4WD Mower can be obtained through the Sourcewell Cooperative Buying Group Contract holder; and

WHEREAS, purchasing the mower through the Sourcewell Cooperative Buying Group Contract No. 161769 meets all statutory bidding requirements; and

WHEREAS, the funding for such mower is provided in the 2019-2020 budget.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that the purchase of one (1) new 16 foot mower in the total amount of \$95,250.00 through the Sourcewell Cooperative Buying Group Contract from Turfwerks of Omaha, Nebraska is hereby approved.

- - -

Adopted by the City Council of the City of Grand Island, Nebraska, November 12, 2019.

\_\_\_\_\_  
Roger G. Steele, Mayor

Attest:

\_\_\_\_\_  
RaNae Edwards, City Clerk

Approved as to Form	☐ _____
November 8, 2019	☐ City Attorney