

Lynn Miller
Director of Parks and Recreation
119 North Hersey Avenue
P O Box 567
Beloit, Kansas 67420



Tel No (785) 738-2270
Fax No (785) 738-2517
Email: millerparks@nckcn.com

Bid Form

Bidder shall complete bid form, indicate with a check mark items being bid exactly as specified or a description to indicate any deviation from the specifications.

Minimum Specifications:

<i>Mid mount mower</i>	<input checked="" type="checkbox"/>
<i>Hydrostatic Transmission</i>	<input checked="" type="checkbox"/>
<i>Folding ROPS</i>	<input checked="" type="checkbox"/>
<i>72" side discharge deck</i>	<input checked="" type="checkbox"/>
<i>Water-cooled diesel engine (minimum 36 HP)</i>	<input checked="" type="checkbox"/>
<i>Hydraulic/electric deck lift</i>	<input checked="" type="checkbox"/>
<i>Hour meter/ Fuel gauge</i>	<input checked="" type="checkbox"/>
<i>12 gallon fuel capacity or more</i>	<input checked="" type="checkbox"/>
<i>Shaft driven deck</i>	<input checked="" type="checkbox"/>
<i>3 year warranty</i>	<input checked="" type="checkbox"/>

Trade In:

2016 John Deere 997
72" deck with side discharge
1238 hours

I propose to supply the City of Beloit, Kansas with a Mower meeting the above specifications with the trade in for a total purchase price of \$ 15,800⁰⁰ this is FOB, Beloit, Kansas.

I understand that this bid is to be guaranteed for no less than thirty (30) days from the date of bid opening.

Bidder (name of company):

CARRICO IMPLEMENT

Authorized signature:

Craig S. Ellery

Telephone number:

785-738-5744

Date:

3-25-25



www.carricoimplement.com

3160 US 24 Hwy
Beloit, KS 67420
Ph: (877) 542-4099
Fax: (785) 738-2648

1104 E. 8th Street
Ellsworth, KS 67439
Ph: (866) 522-9600
Fax: (785) 472-4433

QUOTATION

300 W. 48th Street
Hays, KS 67601
Ph: (800) 658-4640
Fax: (785) 625-4312



Customer Information:
City of Beloit 119 N. Hersey Beloit, Kansas 67420

DATE: 3/25/2025

Qty	DESCRIPTION	TOTAL \$
1	New John Deere Z997R Comercial Zero Turn Mid Mount Mower	\$31,419.00
	37.4 Liquid Cooled Diesel Engine	
	Hydrostat Transmission	
	72" Shaft Driven Side Discharge 7 Gauge Deck with Cast Iron Spindle Assm.	
	Folding ROPS	
	Electric over Hydraulic Deck Lift	
	Hour Meter/Fuel Gauge	
	12 Gallon Fuel Capacity	
	Deluxe Comfort Suspension Seat with Armrests	
	3 Year/1500 Hour Warranty	
	Discounts	(\$10,619.00)
	Trade: 2016 John Deere Z997R Mower with 72" Deck(1238 Hours)	(\$5,000.00)

SUBTOTAL	\$15,800.00
Sales Tax % :	\$0.00
TOTAL COST	\$15,800.00

QUOTE PREPARED BY: Craig Ellenz

Lynn Miller
Director of Parks and Recreation
119 North Hersey Avenue
P O Box 567
Beloit, Kansas 67420



BELOIT KANSAS
est. 1872

Tel No (785) 738-2270
Fax No (785) 738-2517
Email: millerparks@nckcn.com

Bid Form

Bidder shall complete bid form, indicate with a check mark items being bid exactly as specified or a description to indicate any deviation from the specifications.

Minimum Specifications:

<i>Mid mount mower</i>	<u>Grasshopper 400D Midmount</u>
<i>Hydrostatic Transmission</i>	<u>21cc Hydro Gear Hydrostatic Pumps</u>
<i>Folding ROPS</i>	<u>Folding Rops</u>
<i>72" side discharge deck</i>	<u>72" Side Discharge Duramax Deck</u>
<i>Water-cooled diesel engine (minimum 36 HP)</i>	<u>1.3L Kubota Diesel Engine (No Regen)</u>
<i>Hydraulic/electric deck lift</i>	<u>Hydraulic Deck Lift Standard</u>
<i>Hour meter/ Fuel gauge</i>	<u>Electronic Hour Meter and Fuel Gauge</u>
<i>12 gallon fuel capacity or more</i>	<u>12 Gallon Fuel Tank (Located Underneath Seat)</u>
<i>Shaft driven deck</i>	<u>Belt Drive, Lower Maintenance Cost</u>
<i>3 year warranty</i>	<u>3 Year Unlimited Hour Warranty</u>

Trade In:

2016 John Deere 997
72" deck with side discharge
1238 hours

I propose to supply the City of Beloit, Kansas with a Mower meeting the above specifications with the trade in for a total purchase price of \$ \$17,087.75 this is FOB, Beloit, Kansas.

I understand that this bid is to be guaranteed for no less then thirty (30) days from the date of bid opening.

Bidder (name of company): Mosidge Mfg. Inc.
Authorized signature: [Signature] Ben Hobson
Telephone number: 620-345-6801
Date: 3/24/25

Grasshopper QuikQuote #2745N00097



Vendor:
Moridge Mfg. Inc.
 105 Old Highway 81 S.
 P.O. Box 810
 Moundridge, KS 67107

Contact:
Brent Dobson
 bdobson@grasshoppermower.com

Quoted by
Gavin Dobson
 ,
 P: (620) 345-8621

Gavin Dobson

Quoted for
City of Beloit
 119 N. Hersey
 Belot, Kansas 67420
 E: millerparks@nckcn.com
 P: (785)738-2270



Models may be shown with optional equipment that may or may not appear on your specific quote

Model 400D-1.3L with 72" deck

Quoted: Mar 17, 2025

KS State Contract

Contract ID: #53340

Contract Period: 02/28/2023–02/28/2026

Power Unit & Deck

Model 400D-1.3L with 72" deck (534192)

1.3L MaxTorque Diesel Engine; "no-gears" hydraulic pump-and-wheel-motor transmission; heavy-duty extra-deep 72" cutting deck; Premier Suspension Seat and shock-absorbing footrest

List	Contract
\$23,930.00	\$17,947.50

List Total: \$24,095.00

Contract: \$18,087.75

Additional Pricing Adjustments

– Trade-In Allowance \$1,000.00

Wholegoods

533551 – Foldable ROPS w/ Seatbelt

List	Contract
\$165.00	\$140.25

Grand Total: \$17,087.75

Trade-in Details:

Brand: John Deere

Model: Z997R

Year: 2016

Hours: 1238

Condition: Fair

Stipulation(s):

✓ Quote Expires in 60 days

✓ Additional Stipulations:

Attention: Lynn Miller

Make PO to: Moridge Mfg. Inc.

Fax PO to:

Email PO to:

bdobson@grasshoppermower.com

PO #: _____

Approved by: _____

Signature: _____

Date: _____

400 SERIES AIR- AND LIQUID-COOLED MIDMOUNT™

Full-featured top-of-the-line
MidMount™ mowers

LIMITED WARRANTY!
3 YEAR
UNLIMITED
COMMERCIAL
LIMITED WARRANTY!
4 YEAR
800 HRS
RESIDENTIAL

QuikAdjust Tilt™ levers
with 9-in. adjustment range



400 D 1.3L

61 72

1.3L, 3-cylinder,
liquid-cooled MaxTorque™
Clean Diesel horizontal
crankshaft engine

**440 EFI
ETC BIG BLOCK™**

61 72

993 cc, air-cooled, V-Twin,
Vanguard BIG BLOCK™
horizontal crankshaft
gasoline engine

► DuraMax® deck

OPTIONS

- » Quik-D-Tatch® PowerVac™ Collection Systems
- » Down Discharge™ mulching packages
- » Dedicated 4X Rear Discharge™ deck
- » Speed-Trimming™ heavy-duty roller
- » DuraFlex™ suspension forks
- » Taller steering levers
- » Big Boy wide-seat conversion kit
- » Foldable ROPS with seat belt
- » Bar tread, low-pressure tires
- » Michelin® X® Tweel® 24 x 12-12 Airless Turf Tires
- » Michelin® X® Tweel® 13 x 6.5-6 Airless Front Casters
- » Edge-EZE™ edger
- » Shielded sprayer
- » Side discharge control kit
- » Aluminum or Vinyl Sunshade Canopy
- » Yellow beacon light
- » Radiator cleaning wand
- » Engine block heater
- » Air Dam kit - for dry, dusty conditions
- » Filter minder (440)
- » String trimmer mount kit

DURABILITY & LONGEVITY

Fast and powerful to get the job done on time, every time. Choose the power and economy of a Tier 4-compliant, 1.3L Kubota 3-cylinder MaxTorque™ clean diesel engine, or a 993 cc V-Twin Vanguard Big Block EFI engine with Electronic Throttle Control. The horizontal crankshaft provides longer performance life, plus you'll enjoy the comforts of delivering a picture-perfect cut in less time than you'd expect.

Rugged, design-matched 21cc G² hydrostatic transmissions with CoolFan™ hydrostatic pump cooling system and 7-micron absolute filter partnered with wheel motors create a fully hydraulic system for responsive steering and less maintenance with 1,000-hour fluid change intervals.

Only five Access-Eze™ lubrication points cut maintenance time up to 80%.

MANICURED CUT

5.5-inch deep DuraMax® decks with anvil-edged design for exceptional durability easily convert from wide-pattern side discharge to optional mulching or vacuum collection. The Standard Hydraulic Height Adjustment feature enables cutting height changes with a switch.

Optional four-spindle, dedicated rear-discharge decks evenly distribute clippings out back for a smooth cut without windrowing, providing the quality cut you expect.

COMFORT & ERGONOMICS

The Cordura®-covered Premier Suspension Seat is standard on all 400 Series models and provides a custom fit for operators. The backrest tilts and includes adjustable lumbar support. The seat also adjusts to the operator's weight and slides fore and aft. Adjustable, foldable armrests are also standard. An adjustable cup holder makes it convenient to tote along your favorite beverage. Two USB ports are available to charge cell phones and other devices. Electronic fuel gauge/hour meter on the console is standard.

QuikAdjust Tilt™ steering levers with "no tools" adjustment provide a 9-inch range for maximum comfort and fit.

The 12.0 gal/45.4 L single-fill fuel tank, located under the seat, lowers the center of gravity, providing more traction and stability for an enhanced ride.

Mowing speeds up to 11 MPH
and 7.20 acres/hr. based on
72" cutting width*
For more details visit:
grasshoppermower.com/acres



400 SERIES AIR- AND LIQUID-COOLED MIDMOUNT™ - SPECIFICATIONS

MODEL - CUTTING WIDTH

	Standard	400D	400D	440	440
	Option	61"	72"	61"	72"

ENGINE

Type/Displacement/Cylinders
Kubota MaxTorque™ diesel / 77 cu. in. (1.3L) / 3-cyl.

Vanguard BIG BLOCK™, closed-loop, Electronic Fuel Injection (EFI) with Electronic Throttle Control (ETC) / 60.6 cu. in. (993cc) / V-Twin

Crankshaft/Cooling System

Horizontal / Liquid

Horizontal / Air

Fuel/Capacity

Diesel - No. 2 / 12 U.S. Gal. (45.4L)

Gasoline - unleaded / 12 U.S. Gal. (45.4 L)

Air Cleaner

Heavy-duty, remote-mounted engine air cleaner with replaceable element

Filter Minder

DECKS - Side Discharge or Dedicated 4X Rear Discharge (4XRD)

Construction (Robotic-welded steel) - Side discharge or optional 4X Rear Discharge

Double-layered 10-gauge plus 7-gauge formed-steel laminate spindle plane 0.313 in. (7.95 mm) thick - more than 25% thicker than 0.25 in. (6.35 mm) - with 7-gauge skirts for geometric strength. Spindle plane is 0.9 in. (22.86 mm) thick in stress zones. Anvil-edge design with 0.5 in. (12.7 mm) reinforcement on front edge of deck.

Blades (MARBAIN®, 1/4-in.)

(3) 21 in. (53.3 cm) - high-lift blades standard

(3) 25 in. (63.5 cm) - high-lift blades standard

Sentry™ Spindle Assemblies

Sentry™ Spindle System, 2.5 cm (approx. 1 in.) O.D. shaft. Double bearings, greasable from top of deck. Spindle head designed to eliminate fiber wrap. Spindle cones shield housing and lower bearings from fiber wrap and dirt ingestion.

Spindle Housing - 8-in. (20.3 cm)-diameter with 6-bolt pattern

Machined aluminum

Height Adjustment

Hydraulic height adjustment

Cutting Height Range

1.0 - 5.0 in. (2.5 - 12.7 cm)

Blade Drive

Belt drive with single Kevlar® V-belt and idler arm tensioning

DEDICATED 4X REAR DISCHARGE DECK OPTION - Additional Information

4th Spindle and Grass Thrower Blade

Cast iron thrower spindle housing - 5-in. (12.7 cm) diameter with 4-bolt pattern

(1) 18 in. High-Low Mulching Grass Thrower Blade

STARTER & ELECTRICAL SYSTEM

Maintenance-Free Battery/Charging Capacity/Starter

12 volt/30 amp/solenoid shift

12 volt/20 amp/solenoid shift

Ignition

Diesel quick heat glow plug

Breakerless

Interlock System

Prevents engine start when PTO clutch is engaged or steering levers are in drive position. Allows operator dismount without engine shutdown only when PTO is disengaged and steering levers are locked in neutral.

ULTIMATE OPERATOR STATION™

Premier Suspension Seat

Cardura®-covered seat provides a custom fit for operators. The backrest tilts and includes adjustable lumbar support. Seat also adjusts to operator weight and slides fore and aft. Adjustable, foldable armrests are also standard.

Operator Protection

ROPS with seat belt

Suspension

InFrame™ suspension with iso-mounted seat and footrest

MODEL - CUTTING WIDTH

	Standard	400D	400D	440	440
	Option	61"	72"	61"	72"

Console-Mounted Instruments

Low engine oil pressure, combination electronic fuel gauge/hour meter, alternator, two USB charging ports, temperature and parking brake warning lights, engine temperature and volt gauges, ignition, glow plug, hydraulic height adjustment and push/pull PTO switches.

Low engine oil pressure, engine code light and parking brake warning lights, electronic fuel gauge/hour meter, two USB charging ports, work light, ignition and push/pull PTO switches.

Work Lights

LED

TRANSMISSION & STEERING

Type

Design-matched G² hydrostatic system with auxiliary cooling fans, HydroGear variable displacement 21 cc piston-type pumps and high-torque Parker wheel motors.

Filtration/Hydro Fluid

7 micron absolute, spin-on / Grasshopper CoolTemp Hydro-Max™ fluid withstands high and low temperature extremes for 1,000-hour change intervals.

Speed

0 - 11.0 mph (0 - 17.7 kph) forward

0 - 6.0 mph (0 - 9.7 kph) reverse

Turning Radius

True zero degree, turns within own length with counter-rotating, independently powered drive wheels.

Steering

One- or two-handed operation with QuikAdjust Tilt™ dual levers with 9-inch adjustment range that automatically return to neutral from either forward or reverse position.

Brakes

Dynamic braking through hydrostatic transmission. Disc parking brakes, one for each drive wheel.

Clutch

Heavy-duty electric MagStop blade clutch/brake

Temperature Sentry/high temperature clutch cut-out

POWER UNIT TIRE SIZES

Drive Wheels (6-ply rated): 26 x 12-12 turf

Drive Wheels (4-ply rated): 24 x 12-12 bar tread

Front Casters: 13 x 6.5-6; rib tread, pneumatic with greasable, double-sealed bearings to protect from grass wrap

POWER UNIT DIMENSIONS WITH DURAMAX® DECKS

Mulch or 4XRD Width*/Length: 62.5 in. (158.8 cm) / 87.0 in. (221.0 cm)

Mulch or 4XRD Width*/Length: 73.5 in. (186.7 cm) / 91.5 in. (232.4 cm)

Mulch or 4XRD Width*/Length: 62.5 in. (158.8 cm) / 86.0 in. (218.4 cm)

Mulch or 4XRD Width*/Length: 73.5 in. (186.7 cm) / 90.5 in. (229.9 cm)

*Add 1.5 in. (3.8 cm) to width for side discharge with deflector raised.

Add 12.0 in. (30.5 cm) to width for side discharge with deflector down.

Height (seat back/seat cushion): 50.0 in. (127.0 cm) / 32.0 in. (81.3 cm)

Height (seat back/seat cushion): 50.0 in. (127.0 cm) / 34.0 in. (86.4 cm)

Height (ROPS): 70.0 in. (177.8 cm)

WEIGHT

Uncrated**: 1490 lbs. (675.9 kg)

Uncrated**: 1580 lbs. (716.7 kg)

Uncrated**: 1320 lbs. (598.7 kg)

Uncrated**: 1410 lbs. (639.6 kg)

**Mulching package kit weights with high-low mulching blades:

61-in. - 36 lbs. (16.3 kg); 72-in. - 44 lbs. (20.0 kg)

