



City of Grand Island

Tuesday, April 26, 2016

Council Session

Item G-11

#2016-97 - Approving Purchase of a New Backhoe Loader for the Streets Division of the Public Works Department

Staff Contact: John Collins, P.E. - Public Works Director

Council Agenda Memo

From: Shannon Callahan, Street Superintendent

Meeting: April 26, 2016

Subject: Approving Purchase of a New Backhoe Loader for the Streets Division of the Public Works Department

Presenter(s): John Collins PE, Public Works Director

Background

The Streets Division of the Public Works Department has one backhoe loader that is primarily used for concrete removal, dirt work, and excavation. The current backhoe, Unit 248, is a 2005 Terex 760 and has approximately 3,500 hours. The typical life of a backhoe loader is 5,000 hours therefore Unit 248 is at 70% of its useful life and the repair cost to purchase price ratio of 1.11.

The unit is showing signs of aging with a number of minor breakdowns. It is critical to have this unit running and available when needed due to the high priority functions it serves.

Current Unit 248 will be offered to all other divisions for purchase, if there is no interest then it will be sold at an on-line auction site. The use of the on-line surplus site has been very successful for the Streets Division over the last two years with the ability to reach bidders on a national level.

Discussion

The City of Grand Island City Council approved the use of the National Joint Powers Alliance Buying Group (NJPA) with Resolution 2014-326.

To meet competitive bidding requirements, the Streets Division obtained pricing from the NJPA Contract No. 032515-JDC awarded to John Deere Construction Retail Sales and their designated vendor locations including Murphy Tractor & Equipment Co. of Grand Island, NE.

Public Works staff is recommending the purchase of a 2015 John Deere 310SL HL (see attachments) from Murphy Tractor & Equipment Co. of Grand Island, NE in the amount of \$110,434.00.

The purchase of a New Backhoe Loader was approved in the 2015-20165 FY budget. The last few weeks Unit 248 has had enough minor breakdowns that a rental unit was investigated to avoid spending money on repairs for a unit that is scheduled to be replaced and avoid extended down time. A backhoe loader from Murphy Tractor & Equipment Co. is currently being rented and if the recommended purchase is made the rental cost will be applied, in arrears, toward the cost of the new machine.

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 a New Backhoe Loader from Murphy Tractor & Equipment Co. of Grand Island, NE in the amount of \$110,434.00.

Sample Motion

Move to approve the purchase of a New Backhoe Loader from Murphy Tractor & Equipment Co. of Grand Island, NE in the amount of \$110,434.00.



JOHN DEERE

L-SERIES BACKHOES

310L EP / 310L / 310SL / 310SL HL / 315SL / 410L

LIFT MORE AND MULTITASK



UP TO
25%
MORE
CRANING
CAPABILITY

TO BUILD A BETTER BACKHOE,
WE WENT TO YOU, OUR CUSTOMER.

Through our Customer Advocate Group (CAG), we collected invaluable input from owners and operators — the ones who know best what customers really need.

You spoke. And we listened and responded by expanding the breadth of our product line with the introduction of a new heavy-lift model and a side-shift model. We're also continuing our popular and competitively priced 310L EP. And as always, we're launching a host of new features to help you boost productivity and maximize uptime, while lowering daily operating costs. *When it comes to delivering what you want, **nobody responds like John Deere.***



SIDE-SHIFT FOR TIGHT SPACES WITH THE 315SL.

Standard-equipped side-shift backhoes can be offset up to 21 in. right or left of center, making them ideal for work in crowded urban areas and around obstacles.

ATTACHMENT 1

Page 2 of 15

GET MORE DONE WITH ONE

MULTIFUNCTION VERSATILITY, UNRIVALED CAPABILITY.

Why run two machines when one will do? Whether you're loading trucks, busting up blacktop, placing pipe, digging trenches, or moving materials, an L-Series Backhoe is more than up to the task. Building upon our highly productive K-Series Backhoes, the L-Series features additional backhoe lift capability and pressure-compensated load-sensing (PCLS) hydraulics (on the 310SL HL and 410L), for superb multifunction performance. The result: our most versatile backhoes ever.

True four-wheel drive on command

Standard limited-slip mechanical-front-wheel drive (optional on the 310L EP and 310L) delivers superior traction in any ground condition. Engage momentary mechanical-front-wheel drive "on the fly" with the touch of a button on the new loader control.

Powertrain performance

Responsive and productive five-speed transmission on the 310SL, 310SL HL, 315SL, and 410L provides transport speeds up to 25 mph. Add the AutoShift option and increase versatility in any application.

Smooth gear changes

PowerShift™ transmission provides on-the-go clutchless gear changes for the operator.

Powerful FT4 engines

Rugged FT4/Stage IV PowerTech™ Plus diesel engines* meet rigid emission regulations, enabling you to work, wherever there's work — even in nonattainment areas. Our field-proven technology is simple, fluid efficient, fully integrated, and fully supported. It employs cooled exhaust gas recirculation, easy-to-maintain high-uptime exhaust filters (310SL HL and 410L only), and selective catalytic reduction.

Control the ride and the load

With ride control activated, front loader hydraulic cylinders act as a shock absorber, smoothing travel over rough terrain, helping full loads reach their destination, and reducing operator fatigue.

Better craning capability

The 310SL HL and 410L have up to 25-percent more backhoe lift under normal conditions.

Multifunction hydraulics

PCLS hydraulics on the new heavy-lift 310SL HL and the 410L ensure superior multifunction capability at all speeds.



FT4 EPA FINAL TIER 4 (FT4)/EU STAGE IV
POWERTECH PLUS DIESEL ENGINES*

**Interim Tier 4/Stage IIIB PowerTech on the 310L EP.*

ATTACHMENT 1
Page 3 of 15

THE NEW 310SL HL HEAVY-LIFT BACKHOE

Managing an expanding workload and multiple tasks doesn't have to mean moving up to a larger backhoe. Boasting significantly more craning capability along with pressure-compensated load-sensing (PCLS) hydraulics, our new 310SL HL is surprisingly adept — and may be the perfect addition to your equipment lineup.



UP TO
15%

**INCREASE IN CRANING
POWER WITH LIFT MODE**



More lift capacity at the push of a button

Along with the 410L, the 310SL HL can deliver up to 25-percent more backhoe-lift capacity than their comparable K-Series models. New lift mode provides an additional boost of 10 to 15 percent. Simply pushing a button on the sealed-switch module (SSM) sets engine rpm at 1,400 and maximizes hydraulic pressure for increased craning capability.

PCLS hydraulics for superb multifunction operation

The 310SL HL delivers all the advantages of PCLS hydraulics in the 14–15-ft. digging-depth category, enabling operator efficiency and productivity through improved multifunction control.



Unobstructed view to the front loader bucket

Clear sightlines to the loader bucket corners have been maintained over the sloped hood, even with the addition of the aftertreatment components needed to meet FT4 compliance.



WHAT THE EXPERTS ARE SAYING:

Thanks to Deere asking for my input, I get a better machine, and these improvements make all the difference in my day's productivity.

— Todd Heiderscheidt, Backhoe CAG Member

ATTACHMENT 1
Page 4 of 15



*REDESIGNED PILOT TOWERS
GIVE MORE LEGROOM AND
SPACE TO ROTATE*



MORE CONTROL AT YOUR FINGERTIPS *MAXIMUM PRODUCTIVITY IS CLOSE AT HAND.*

Increased productivity is within easy reach in an L-Series Backhoe. Redesigned loader-control grip and pilot controls provide effortless, fingertip operation of the backhoe and loader, while other machine functions are conveniently located on the steering column.



LED SPOT- OR FLOODLIGHTS

New easy-to-use loader-control grip

New “palm-on-top” loader-control grip is even more comfortable and easy to use. Control of clutch disconnect, transmission quick-shift, auxiliary proportional roller, and momentary mechanical-front-wheel drive is at your fingertips.

Easy, fingertip control of backhoe functions

Fingertip electrohydraulic (EH) control of redesigned pilot levers provides even easier operation of backhoe functions, including selective flow and the horn.

Extend your workday

LED lighting kit includes choice of LED spot- or floodlights. For enhanced visibility when your workday goes long.

More legroom and space to rotate

Redesigned pilot towers provide more legroom and additional space for transitioning between loader and backhoe operation.

Fatigue-beating comfort

L-Series Backhoes are loaded with creature comforts, including efficient HVAC system, adjustable mechanical or air-suspension seat, and optional premium radio with Bluetooth®, auxiliary input, and XM Satellite Radio™ capability.

Steering column controls

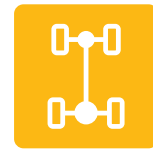
Exterior lights, wipers, and turn signals are now more conveniently located on the multifunction lever on the steering column — just like the family SUV — helping operators keep their eyes on the job at hand.



UNSURPASSED RELIABILITY

WON'T BACK DOWN. OR LET YOU DOWN.

Built with state-of-the-art tools and technology by a quality-conscious workforce at our world-class facility in Dubuque, Iowa, U.S.A., L-Series Backhoes deliver unmatched reliability and uptime. When you know how they're built, you'll run a Deere.



4WD
OPTION AT YOUR
COMMAND



Onboard diagnostics center

The most advanced onboard-diagnostics technology in the industry is standard on all L-Series Backhoes. The exclusive John Deere WorkSight™ suite of telematic solutions includes JDLink™ Ultimate with real-time machine monitoring and remote diagnostics to help increase uptime while lowering operating costs.

Quick, clean filter changes

Vertical spin-on engine, transmission, and hydraulic filters and quick-release fuel filters allow fast, clean changes. Standard heavy-duty transmission oil filter increases reliability.

More durable multipurpose bucket

Our rugged multipurpose bucket has been reinforced with thicker plates and stronger cylinder mountings for longer life.

Bias and radial tire options

Choose from a variety of factory-installed tire options, for the traction, exceptional performance, and long service life your specific application requires.

Diff-lock protection

Enabled through the monitor, differential-lock protection prevents engagement at high travel speeds and the resulting wear and tear on axle components.

Maintenance-free batteries

Standard maintenance-free batteries reduce periodic servicing, improve cold-starting reliability, and lengthen battery life.

Superior hydraulic oil

L-Series Backhoes come factory-filled with Hydrau™ premium all-season, anti-wear hydraulic oil specifically designed for construction equipment. Or for cold weather, opt for Hydrau™ XR, which offers all-season protection from -40 to 40 deg. C (-40 to 104 deg. F).

Protect your investment

Machine-security system with touchpad passcode helps prevent unauthorized operation.

ATTACHMENT 1

Page 7 of 15

EASY MAINTENANCE

KEEP THE PEACE. AND YOUR PEACE OF MIND.

Save fuel with economy mode

Standard economy mode can be configured separately between loader and backhoe functions. For example, activate economy mode for backhoe functions while retaining full power for loader functions — a Deere exclusive. This helps maximize fuel usage in lighter-work applications with minimal effect on machine performance.

Improved diagnostics

State-of-the-art multi-language monitor clearly displays machine diagnostics. Operators can program a multitude of time-specific functions such as auto shutdown and auto-idle quickly and easily.



Minimize downtime and expense

Same-side ground-level service points help speed daily checks and fills. Other commonsense features such as quick-change filters, extended service intervals, simple-to-read sight gauges, and easy-access grease zerks help increase uptime and lower daily operating costs.

Coolers allow easy cleanout

Hinged, stacked-assembly coolers tilt away from the radiator for convenient core cleanout.

ATTACHMENT 1

Page 8 of 15

Save fuel and reduce noise

Auto-idle decreases engine speed when hydraulics aren't in use, to help maintain quiet working conditions and conserve precious fuel. Auto shutdown turns off the engine after an operator-selected period of inactivity, further keeping noise and fuel consumption down.

Quiet, fuel-efficient fan

Variable-speed electronically controlled fan automatically speeds up or slows down, operating only as needed to keep things cool. Helps conserve power and fuel, while reducing noise. A viscous variable-speed fan option is available for the 310L EP.

Proven engine technology

310L EP IT4/Stage IIIB emission-certified PowerTech engine requires no aftertreatment. 310SL HL and 410L FT4/Stage IV emission-certified PowerTech Plus engines feature a diesel oxidation catalyst (DOC), a diesel particulate filter (DPF), and a selective catalytic reduction (SCR) system. 310L, 310SL, and 315SL FT4/Stage IV emission-certified PowerTech Plus diesels include an SCR system.



Get valuable insight with

JOHN DEERE WORKSIGHT

John Deere WorkSight is an exclusive suite of telematic solutions that increases uptime while lowering operating costs. At its heart, JDLink Ultimate machine monitoring provides real-time utilization data and alerts to help you maximize productivity and efficiency while minimizing downtime. Remote diagnostics enable your dealer to read codes, record performance data, and even update software without a trip to the jobsite.

Keep downtime down with

ULTIMATE UPTIME

Ultimate Uptime, featuring John Deere WorkSight, is a customizable support solution available exclusively from your Deere dealer. This flexible offering maximizes equipment availability with standard John Deere WorkSight capabilities that can help prevent future downtime and speed repairs when needed. In addition to the base John Deere WorkSight features, our dealers work with you to build an uptime package that meets the specific needs of your machine, fleet, project, and business, including customized maintenance and repair agreements, onsite parts availability, extended warranties, fluid sampling, response-time guarantees, and more.

ATTACHMENT 1

Page 9 of 15



310SL HL SPECIFICATIONS

Engine		310SL HL	
Manufacturer and Model	John Deere PowerTech™ Plus 4045HT083 turbocharged		
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV		
Displacement	4.5 L (276 cu. in.)		
Net Peak Power (ISO 9249)	82 kW (110 hp) at 2,244 rpm		
Net Peak Torque (ISO 9249)	427 Nm (315 lb.-ft.) at 1,400 rpm		
Net Torque Rise	21%		
Lubrication	Pressure system with spin-on filter and cooler		
Air Cleaner	Dual-stage dry type with safety element and evacuator valve		
Cooling			
Fan Type	Electronically controlled, variable rate, suction type		
Engine Coolant Rating	-40 deg. C (-40 deg. F)		
Engine Oil Cooler	Oil to water		
Powertrain			
Transmission	5-speed, helical-cut gears, full PowerShift™ transmission with hydraulic reverser standard; electric clutch cutoff on loader lever; AutoShift transmission optional		
Torque Converter	Single stage, dual phase with 2.63:1 stall ratio, 280 mm (11 in.)		
Maximum Travel Speeds with Standard Engine, Measured with 21L-24 Rear Tires			
	<i>Forward</i>	<i>Reverse</i>	
Gear 1	5.7 km/h (3.5 mph)	7.2 km/h (4.5 mph)	
Gear 2	10.5 km/h (6.5 mph)	13.3 km/h (8.3 mph)	
Gear 3	21.4 km/h (13.3 mph)	21.2 km/h (13.2 mph)	
Gear 4	36.0 km/h (22.4 mph)	—	
Gear 5	40.0 km/h (24.9 mph)	—	
Axles			
Axle Oscillation, Stop to Stop, Front Axle	22 deg.		
Axle Ratings	<i>Mechanical-Front-Wheel Drive</i>		
	<i>Non-Powered Front</i>	<i>(MFWD)</i>	<i>Rear</i>
SAE J43	5500 kg (12,125 lb.)	5500 kg (12,125 lb.)	7500 kg (16,535 lb.)
Dynamic	8500 kg (18,739 lb.)	8500 kg (18,739 lb.)	10 000 kg (22,046 lb.)
Static	22 500 kg (49,604 lb.)	23 500 kg (51,809 lb.)	26 000 kg (57,320 lb.)
Ultimate	35 000 kg (77,162 lb.)	37 000 kg (81,571 lb.)	39 500 kg (87,083 lb.)
Differentials			
MFWD Axle	Automatic, limited-slip traction control		
Rear Axle	Foot actuated, hydraulically engaged 100% mechanical lock		
Steering (ISO 5010)		Hydrostatic power steering and emergency steering	
Axle	<i>Non-Powered Front</i>	<i>MFWD</i>	
Curb-Turning Radius			
With Brakes	3.61 m (11 ft. 10 in.)	3.67 m (12 ft. 0 in.)	
Without Brakes	4.24 m (13 ft. 11 in.)	4.35 m (14 ft. 3 in.)	
Bucket-Clearance Circle			
With Brakes	10.53 m (34 ft. 7 in.)	10.61 m (34 ft. 10 in.)	
Without Brakes	11.42 m (37 ft. 6 in.)	11.59 m (38 ft. 0 in.)	
Steering Wheel Turns (lock to lock)	3.1 to 4.3	2.6 to 3.6	
MFWD Axle	Heavy duty, outboard planetary final drives distribute shock loads over 3 gears		
Rear Axle	Heavy duty, outboard planetary final drives distribute shock loads over 4 gears		
Brakes (ISO 3450)			
Service	Power assisted, hydraulic wet disc, mounted inboard, self-adjusting and self-equalizing		
Parking	Spring applied, hydraulically released, wet, multi-disc, independent of service brakes with electric switch control		

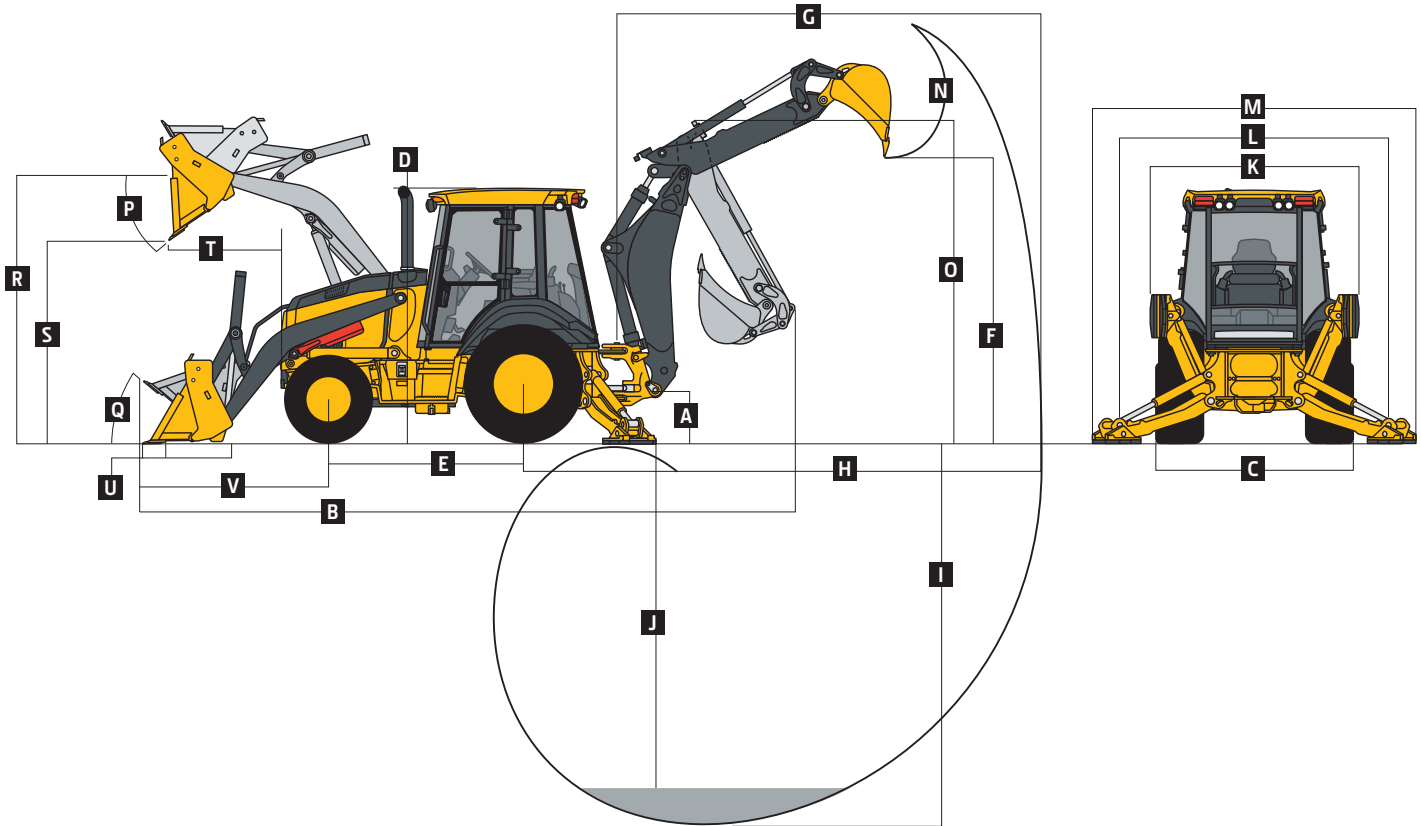
310SL HL SPECIFICATIONS



Hydraulics		310SL HL	
Main Pump		Pressure compensated load sensing (PCLS), axial-piston pump	
Pump Flow at 2,200 rpm, Backhoe and Loader		159 L/m (42 gpm)	
System Relief Pressure, Backhoe and Loader		24 993 kPa (3,625 psi)	
Backhoe (lift mode)		27 579 kPa (4,000 psi)	
Controls			
Backhoe		Pilot controls with pattern select standard; electrohydraulic (EH) auxiliary functions optional	
Loader		Single-lever control with electric clutch cutoff switch and MFWD (momentary) standard; single-lever control with electric clutch cutoff switch, EH proportional auxiliary roller, and transmission quick-shift optional	
Electrical			
Voltage		12 volt	
Alternator Rating		150 amp with cab / 120 amp with canopy and quarter cab	
Lights			
		10 halogen: 4 front, 4 rear, and 2 side docking (32,500 candlepower each); turn signals and flashers: 2 front and 2 rear; stop and taillights; and 2 rear reflectors; LED light field kits available with both flood- and spotlights	
Operator Station			
Type (SAE J1040)		Canopy, isolation mounted, ROPS/FOPS, left/right access, with molded roof; optional quarter cab (front glass only) and fully enclosed cab	
Tires/Wheels			
		<i>Front</i>	<i>Rear</i>
Non-Powered Front Axle		12.5/80-18 F3 (12)	19.5L-24 R4 (12)
With MFWD		12.5/80-18 I3 (12)	19.5L-24 R4 (10)
		12.5/80-18 R4 (10)	19.5L-24 R4 (12)
		12.5/80-18 I3 (12)	21L-24 R4 (12)
		12.5/80-18 R4 (10)	21L-24 R4 (12)
		340/80R18 XMCL	500/70R24 XMCL
		340/80R18 580	500/70R24 580
Serviceability			
Refill Capacities			
Cooling System		35 L (37 qt.)	
Rear Axle		18 L (19 qt.)	
Engine Oil (including vertical spin-on filter)		13 L (13.7 qt.)	
Torque Converter and Transmission		15.1 L (16 qt.)	
Fuel Tank (with ground-level fueling)		140.1 L (37 gal.)	
Diesel Exhaust Fluid (DEF) Tank		16.3 L (4.3 gal.)	
Hydraulic System		126.8 L (33.5 gal.)	
Hydraulic Reservoir		45 L (11.9 gal.)	
MFWD Housing			
Axle		6.5 L (6.9 qt.)	
Planetary (each)		0.9 L (1 qt.)	
Hydrau™ XR Hydraulic Oil		Optional	
Operating Weights			
With Full Fuel Tank, 79-kg (175 lb.) Operator, Standard Equipment, and 567-kg (1,250 lb.) Counterweight		8269 kg (18,231 lb.)	
Typical with Cab and 567-kg (1,250 lb.) Counterweight		8533 kg (18,811 lb.)	
Optional Components (weight difference between base equipment and option)			
Cab		263 kg (580 lb.)	
MFWD with Tires		110 kg (242 lb.)	
Front Loader Coupler		257 kg (566 lb.)	
Backhoe Bucket Coupler		64 kg (141 lb.)	

310SL HL

Overall Dimensions	310SL HL
A Ground Clearance, Minimum	310 mm (12 in.)
B Overall Length, Transport	7.37 m (24 ft. 2 in.)
C Width Over Tires	2.18 m (7 ft. 2 in.)
D Height to Top of ROPS/Cab	2.81 m (9 ft. 3 in.)
E Length from Axle to Axle	
Non-Powered Front Axle	2.16 m (7 ft. 1 in.)
MFWD Axle	2.19 m (7 ft. 2 in.)



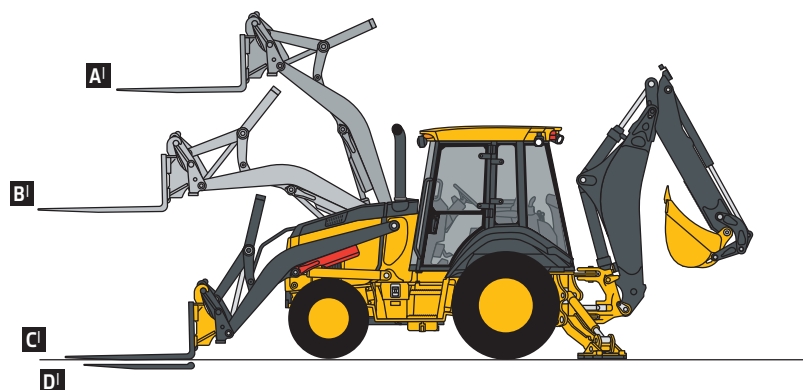
Backhoe Dimensions and Performance		
Backhoe specifications are with 610-mm x 0.21-m ³ (24 in. x 7.5 cu. ft.) bucket; dipper lift specs are with a boom angle of 65 deg.		
Bucket Range	305–610 mm (12–24 in.)	
Digging Force		
Bucket Cylinder	70.9 kN (15,947 lb.)	
Lift Mode	78.3 kN (17,596 lb.)	
Crowd Cylinder	38.9 kN (8,750 lb.)	
Lift Mode	42.9 kN (9,655 lb.)	
Swing Arc	180 deg.	
Operator Control	2 levers	
	<i>With Extendable Dipperstick</i>	<i>With Extendable Dipperstick</i>
	<i>Retracted</i>	<i>Extended</i>
F Loading Height, Truck Loading Position	3.63 m (11 ft. 11 in.)	4.25 m (13 ft. 11 in.)
G Reach from Center of Swing Pivot	5.62 m (18 ft. 5 in.)	6.60 m (21 ft. 8 in.)
H Reach from Center of Rear Axle	6.68 m (21 ft. 11 in.)	7.67 m (25 ft. 2 in.)
I Digging Depth (SAE maximum)	4.51 m (14 ft. 10 in.)	5.52 m (18 ft. 1 in.)
J Digging Depth (SAE)		
610-mm (2 ft.) Flat Bottom	4.47 m (14 ft. 8 in.)	5.49 m (18 ft. 0 in.)
2440-mm (8 ft.) Flat Bottom	4.16 m (13 ft. 8 in.)	5.26 m (17 ft. 3 in.)
K Stabilizer Width, Transport	2.18 m (7 ft. 2 in.)	2.18 m (7 ft. 2 in.)
L Stabilizer Spread, Operating		
Standard Stabilizers	3.10 m (10 ft. 2 in.)	3.10 m (10 ft. 2 in.)
Long Stabilizers	3.45 m (11 ft. 4 in.)	3.45 m (11 ft. 4 in.)
M Stabilizer Overall Width, Operating		
Standard Stabilizers	3.53 m (11 ft. 7 in.)	3.53 m (11 ft. 7 in.)
Long Stabilizers	4.03 m (13 ft. 3 in.)	4.03 m (13 ft. 3 in.)
N Bucket Rotation	190 deg.	190 deg.
O Transport Height	3.57 m (11 ft. 9 in.)	3.57 m (11 ft. 9 in.)

Loader Dimensions and Performance 310SL HL

P Bucket Dump Angle, Maximum	45 deg.			
Q Rollback Angle at Ground Level	40 deg.			
	<i>Heavy-duty</i>	<i>Heavy-duty long lip</i>	<i>Heavy-duty</i>	<i>Multipurpose</i>
Bucket Capacity	0.86 m ³ (1.12 cu. yd.)	0.96 m ³ (1.25 cu. yd.)	1.00 m ³ (1.31 cu. yd.)	1.00 m ³ (1.31 cu. yd.)
Width	2184 mm (86 in.)	2184 mm (86 in.)	2346 mm (92 in.)	2346 mm (92 in.)
Weight	390 kg (860 lb.)	405 kg (892 lb.)	521 kg (1,148 lb.)	863 kg (1,902 lb.)
Breakout Force	49.4 kN (11,106 lb.)	46.7 kN (10,497 lb.)	47.1 kN (10,587 lb.)	43.4 kN (9,767 lb.)
Lift Capacity, Full Height	3397 kg (7,489 lb.)	3141 kg (6,924 lb.)	3257 kg (7,181 lb.)	2774 kg (6,116 lb.)
R Height to Bucket Hinge Pin, Maximum	3.43 m (11 ft. 3 in.)	3.43 m (11 ft. 3 in.)	3.43 m (11 ft. 3 in.)	3.43 m (11 ft. 3 in.)
S Dump Clearance, Bucket at 45 deg.	2.73 m (8 ft. 11 in.)	2.63 m (8 ft. 8 in.)	2.67 m (8 ft. 9 in.)	2.63 m (8 ft. 8 in.)
T Reach at Full Height, Bucket at 45 deg.	744 mm (29.3 in.)	870 mm (34.2 in.)	740 mm (29.1 in.)	782 mm (30.8 in.)
U Digging Depth Below Ground, Bucket Level	124 mm (4.9 in.)	105 mm (4.1 in.)	168 mm (6.6 in.)	164 mm (6.5 in.)
V Length from Front Axle Centerline to Bucket Cutting Edge	1.98 m (6 ft. 6 in.)	2.13 m (7 ft. 0 in.)	2.05 m (6 ft. 9 in.)	2.10 m (6 ft. 11 in.)

Lift Capacity with Quick-Coupler Forks

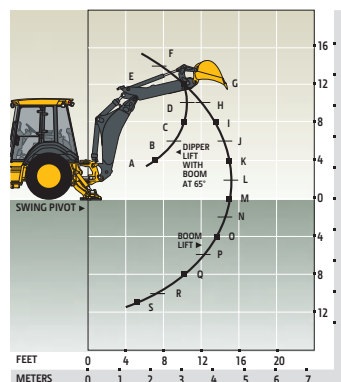
Hydraulic Capacity	<i>1219-mm (48 in.) Tines</i>	<i>1524-mm (60 in.) Tines</i>
A¹ Maximum Height	2059 kg (4,539 lb.)	2008 kg (4,426 lb.)
B¹ Maximum Reach	3542 kg (7,809 lb.)	3484 kg (7,681 lb.)
C¹ At Ground Line	4079 kg (8,992 lb.)	4027 kg (8,879 lb.)
D¹ Below Ground Line	211 mm (8.3 in.)	211 mm (8.3 in.)



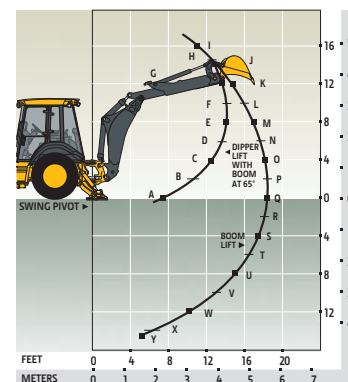
Lift Capacity with Bucket

Lift capacities are over-end values in kg (lb.) according to SAE J31. Figures listed are 87% of the maximum lift force available. Calculated with 610-mm x 0.21-m³ (24 in. x 7.5 cu. ft.) bucket. Bucket impacts overall lift capacity.

With 1.06-m (3 ft. 6 in.) Extendable Dipperstick, Retracted		With 1.06-m (3 ft. 6 in.) Extendable Dipperstick, Extended	
Standard Lift	Lift Mode	Standard Lift	Lift Mode
A	4588 kg (10,116 lb.)	4591 kg (10,122 lb.)	3404 kg (7,504 lb.)
B	3012 kg (6,640 lb.)	3012 kg (6,640 lb.)	2165 kg (4,772 lb.)
C	2652 kg (5,846 lb.)	2652 kg (5,846 lb.)	1873 kg (4,130 lb.)
D	2583 kg (5,694 lb.)	2583 kg (5,694 lb.)	1761 kg (3,883 lb.)
E	2553 kg (5,629 lb.)	2727 kg (6,011 lb.)	1698 kg (3,744 lb.)
F	1131 kg (2,494 lb.)	1303 kg (2,872 lb.)	1647 kg (3,630 lb.)
G	1338 kg (2,951 lb.)	1539 kg (3,392 lb.)	1578 kg (3,480 lb.)
H	1388 kg (3,061 lb.)	1598 kg (3,522 lb.)	1452 kg (3,202 lb.)
I	1390 kg (3,064 lb.)	1602 kg (3,532 lb.)	725 kg (1,599 lb.)
J	1372 kg (3,025 lb.)	1584 kg (3,493 lb.)	899 kg (1,982 lb.)
K	1346 kg (2,968 lb.)	1558 kg (3,435 lb.)	977 kg (2,154 lb.)
L	1318 kg (2,907 lb.)	1529 kg (3,371 lb.)	1014 kg (2,235 lb.)
M	1292 kg (2,848 lb.)	1501 kg (3,310 lb.)	1030 kg (2,270 lb.)
N	1269 kg (2,798 lb.)	1478 kg (3,259 lb.)	1034 kg (2,280 lb.)
O	1254 kg (2,764 lb.)	1463 kg (3,226 lb.)	1032 kg (2,276 lb.)
P	1251 kg (2,757 lb.)	1463 kg (3,255 lb.)	1028 kg (2,266 lb.)
Q	1273 kg (2,807 lb.)	1492 kg (3,288 lb.)	1022 kg (2,253 lb.)
R	1376 kg (3,034 lb.)	1614 kg (3,557 lb.)	1018 kg (2,243 lb.)
S	1570 kg (3,460 lb.)	1839 kg (4,053 lb.)	1016 kg (2,240 lb.)
T	—	—	1020 kg (2,249 lb.)
U	—	—	1034 kg (2,279 lb.)
V	—	—	1066 kg (2,351 lb.)
W	—	—	1145 kg (2,524 lb.)
X	—	—	1428 kg (3,149 lb.)
Y	—	—	3058 kg (6,741 lb.)



With Extendable Dipperstick, Retracted



With Extendable Dipperstick, Extended

Additional equipment

Key: ● Standard ▲ Optional or special See your John Deere dealer for further information.

310L	310SL				Engine	
EP	310L	310SL	HL	315SL	410L	
●	●	●	●	●	●	Coolant recovery tank with low-level indicator
●	●	●	●	●	●	Foldout, hinged cooling system
●	●	●	●	●	●	Serpentine belt with automatic belt tensioner
●						Suction-type cooling fan
▲						Viscous variable-rate cooling fan
	●	●	●	●	●	Electronically controlled, variable-rate suction-type cooling fan
	●	●	●	●	●	Self-cleaning exhaust aftertreatment system
▲	▲	▲	▲	▲	▲	Chrome exhaust extension
	●	●		●		Grid heat
			●		●	Glow plugs
▲						Ether starting aid
▲	▲	▲	▲	▲	▲	1,000-watt electric engine coolant heater
●	●	●	●	●	●	Electronic fuel lift pump
Powertrain						
●	●					PowerShift™ transmission: Torque converter with twist-grip Transmission Control Lever (TCL) and neutral safety switch interlock (1st through 4th gears)
		●	●	●	●	PowerShift transmission: Torque converter with twist-grip TCL and neutral safety switch interlock (1st through 5th gears)
		●	●	●	●	5th-gear overdrive
		▲	▲	▲	▲	AutoShift transmission
●	●	●	●	●	●	Transmission oil cooler
▲	▲	▲	●	▲	▲	Transmission remote oil-sampling port
●	●	●	●		●	Differential lock, electric foot actuated, protection on/off
			●			Differential lock, electric foot actuated
		●	●	●	●	Auto shutdown
●	●	●	●	●	●	Planetary final drives
●	●	●	●	●	●	Power-assisted hydraulic service brakes (conform to ISO 3450): Inboard, wet multi-disc, self-adjusting and self-equalizing
●	●	●	●	●	●	Parking/emergency brake with electric switch control (conforms to ISO 3450): Spring applied, hydraulically released wet multi-disc / Independent of service brakes
●	●	●	●	●	●	Hydrostatic power steering with emergency manual mode
▲	▲	▲	▲	▲	▲	Non-powered front axle
●	●					MFWD with open differential: Electric on/off control / Sealed axle
▲	▲	●	●	●	●	MFWD with traction-control limited-slip differential: Electric on/off control / Sealed axle
●	●	●	●	●	●	Automatic MFWD braking (4th and 5th gear overdrive only)
▲	▲	▲	▲	▲	▲	MFWD driveshaft guard

310L	310SL				Backhoe	
EP	310L	310SL	HL	315SL	410L	
			●		●	Lift mode
●	●					Standard dipperstick, 4.27-m (14 ft. 0 in.) digging depth
		●				Standard dipperstick, 4.34-m (14 ft. 3 in.) digging depth
				●		Standard dipperstick, 4.17-m (13 ft. 8 in.) digging depth
					●	Standard dipperstick, 4.83-m (15 ft. 10 in.) digging depth
▲	▲	▲	●	▲		Extendable dipperstick, 1.06-m (3 ft. 6 in.) extension
					▲	Extendable dipperstick, 1.21-m (4 ft. 0 in.) extension
		▲	●	▲		Heavy-duty backhoe bucket cylinder
●	●	●		●	●	ISO (Deere) 2-lever mechanical backhoe controls
▲	▲	▲	●	▲	▲	2-lever pilot controls with pattern-selection feature
			●	●		Backhoe transport lock lever
●	●	●	●	●	●	Swing lock pin stored in operator's station
●	●	●	●	●	●	Stabilizers with 2-direction anti-drift valves
		▲	●			Extended (long) stabilizers with reversible pads
		▲	▲	▲	▲	Severe-duty backhoe bucket with lift loops
▲	▲	▲	▲		▲	Backhoe couplers for John Deere, Case, and Cat buckets
▲	▲	▲	●	▲	▲	Auxiliary backhoe valve for swingers, thumbs, etc. with auxiliary plumbing
▲	▲	▲	●	▲	▲	Auxiliary backhoe valve for hammers and compactors with auxiliary plumbing
▲	▲	▲	▲		▲	Hydraulic thumb
Loader[†]						
●	●	●	●	●	●	Loader bucket anti-spill (rollback)
●	●	●	●	●	●	Return-to-dig feature
●	●	●	●	●	●	Single-lever control with electric clutch disconnect
●	●	●	●	●	●	Bucket-level indicator
●	●	●	●	●	●	Loader boom service lock
▲	▲		▲			Auxiliary loader hydraulics with 2-lever control
		▲			▲	Auxiliary loader hydraulics with single control lever with EH auxiliary control (MFWD and clutch disconnect)
			●			Auxiliary loader hydraulics with thumb-switch control
▲	▲	▲	▲	▲	▲	Hydraulic coupler for buckets, forks, etc.
▲	▲	▲	▲	▲	▲	Ride control

[†]See dealer for range of heavy-duty, multipurpose, and coupler buckets and forks.

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions specified per ISO 9249. No derating is required up to 1500-m (5,000 ft.) altitude for the 310L and up to 3050-m (10,000 ft.) for the 310L with optional altitude-compensating turbocharger, the 310SL, the 310SL HL, the 315SL, and the 410L. Specifications and design are subject to change without notice. Wherever applicable, specifications are in accordance with ISO standards. Except where otherwise noted, these specifications are based on 310L EP and 310L units with 19.5L-24-in. 12 PR (R4) tubeless rear and 12.5/80-18 10PR (R4) front tires, 0.86-m³ (1.12 cu. yd.) loader buckets, and 610-mm x 0.18-m³ (24 in. x 6.5 cu. ft.) backhoe buckets; a 310SL unit with 19.5L-24-in. 12 PR (R4) tubeless rear and 12.5-80/18 10PR (R4) front tires, 1.00-m³ (1.31 cu. yd.) loader bucket, and 610-mm x 0.21-m³ (24 in. x 7.5 cu. ft.) backhoe bucket; a 310SL HL unit with boost mode, 21L-24 in. 12 PR (R4) tubeless rear and 12.5/80-18 10PR front tires, 1.00-m³ (1.31 cu. yd.) loader bucket, and 610-mm x 0.21-m³ (24 in. x 7.5 cu. ft.) backhoe bucket; a 315SL unit with 19.5L-24 in. 12 PR (R4) tubeless rear and 12.5-80/18 10PR (R4) front tires, 1.00-m³ (1.31 cu. yd.) loader bucket, and 610-mm x 0.21-m³ (24 in. x 7.5 cu. ft.) backhoe bucket; and a 410L unit with boost mode, 21L-24-in. 12 PR (R4) tubeless rear and 12.5/80-18 10PR front tires, 1.15-m³ (1.5 cu. yd.) loader bucket, and 610-mm x 0.21-m³ (24 in. x 7.5 cu. ft.) backhoe bucket.

Additional equipment *(continued)*

Key: ● Standard ▲ Optional or special See your John Deere dealer for further information.

310L	310SL					
EP	310L	310SL	HL	315SL	410L	
●						Hydraulic System
	●					119-L/m (31.5 gpm) tandem-gear pump with unloader, open-center system
						106-L/m (28 gpm) single-gear pump, open-center system
		●		●		136-L/m (36 gpm) tandem-gear pump, open-center system
			●		●	159-L/m (42 gpm) axial-piston pump, PCLS system
●	●	●	●	●	●	Auto-idle
●	●	●	●	●	●	Economy mode
●	●	●	●	●	●	Dedicated hydraulic reservoir
Electrical System						
●	●	●	●	●	●	12-volt system
●						90-amp alternator (canopy and quarter cab)
●						120-amp alternator (cab)
	●	●	●		●	120-amp alternator (canopy and quarter cab)
	●	●	●	●	●	150-amp alternator (cab)
●	●	●		●	●	Single battery with 190-min. reserve capacity and 925 CCA
▲	▲	▲	●	▲	▲	Dual batteries with 380-min. reserve capacity and 1,850 CCA
▲	▲	▲	▲	▲	▲	Remote jump posts and battery disconnect
Lights						
●	●	●	●	●	●	Halogen lights (10), 32,500 candlepower each (4 front driving/working, 4 rear working, and 2 side docking)
●	●	●	●	●	●	Turn signal/flashing (2 front and 2 rear)
●	●	●	●	●	●	Rear stop and tail (2)
▲	▲	▲	▲	▲	▲	LED lights, field installed
Operator's Station						
●	●	●	●	●	●	Modular-design ROPS/FOPS (Level 2) canopy with molded roof (meets ISO 3449 and ISO 3471/SAE J1040): Isolation mounted
●	●	●	●	●	●	Molded floor mats (with pilot controls only)
●	●	●	●	●	●	12-volt outlet
●	●	●	●	●	●	Lockable right-side storage
▲	▲	▲	▲	▲	▲	Lockable left-hand storage with cup holders
▲	▲	▲	▲	▲	▲	Interior front-view mirror
▲	▲	▲	▲	▲	▲	Outside rearview mirrors
●	●	●	●	●	●	Rotary-dial hand throttle
●	●	●	●	●	●	Suspended foot throttle
▲	▲	▲	▲	▲	▲	Air-suspension seat (with cab only)
●	●					Key start switch with electric fuel shutoff
●	●	●	●	●	●	Tilt steering, infinitely adjustable (with cab only)
▲	▲	▲	▲		▲	Tilt steering, infinitely adjustable (with canopy and quarter cab)
		●	●	●	●	Keyless start
▲	▲	●	●	●	●	Machine security (enabled through monitor)
●	●	●	●	●	●	Digital display of engine hours, engine rpm, and system voltage
		●	●	●	●	Sealed-switch module

310L	310SL					
EP	310L	310SL	HL	315SL	410L	
		●	●	●	●	Operator's Station (continued)
						Multi-function lever: Turn signals / Windshield wipers / Some light functionality
●	●	●	●	●	●	Monitor system with audible and visual warnings: Engine air restriction / Low alternator voltage / Engine oil pressure / Hydraulic filter restriction / Parking brake on/off / Aftertreatment temperature / Transmission fluid temperature / Fuel / Hour meter / Machine diagnostic information via 4-push-button/LCD operator interface
●	●	●	●	●	●	Canopy: Mechanical-suspension deluxe vinyl swivel seat with lumbar adjustment and armrests (fully adjustable)
▲	▲	▲				Quarter Cab: Mechanical-suspension deluxe fabric swivel seat with lumbar adjustment and armrests (fully adjustable), front windshield, and windshield wiper (1 front)
▲	▲	▲	▲	▲	▲	Cab with Dual Doors and A/C: Mechanical-suspension deluxe fabric swivel seat with lumbar adjustment / Headliner, dome light, left and right cab doors, tinted safety glass, windshield wipers (1 rear and 1 front), front windshield washer, fresh-air intake, and heater/defroster/pressurizer (11.7-kW [40,000 Btu/h] heater) / A/C (7.6-kW [26,000 Btu/h] output and CFC-free R134a refrigerant)
▲	▲	▲	▲	▲	▲	AM/FM/weather-band radio (with cab only)
▲	▲	▲	▲	▲	▲	Premium radio package with XM Satellite Radio™ (with cab only; includes additional 12-volt and USB outlets)
Overall Vehicle						
●	●	●	●	●	●	1-piece unitized construction mainframe
●	●	●	●	●	●	Vehicle tie-downs (2 front and 2 rear)
●	●	●	●	●	●	Remote grease bank for front axle
●	●	●			●	Front cover
▲	▲	▲	●	●	▲	Heavy-duty front bumper
▲	▲	▲	▲	▲	▲	Front counterweight – 204 kg (450 lb.), 340 kg (750 lb.), 454 kg (1,000 lb.), or 567 kg (1,250 lb.)
▲	▲	▲	▲	▲	▲	Rubber grille bumpers
●	●	●	●	●	●	Fuel tank, 140.1 L (37 gal.), ground-level fueling
●	●	●	●	●	●	2-position easy-tilt hood
●	●	●	●	●	●	Extended grille frame
●	●	●	●	●	●	Removable toolbox with padlock hasp
●	●	●		●	●	Vandal protection for locking monitor, engine hood, toolbox, hydraulic reservoir, and fuel tank
			●			Vandal protection for locking engine hood, toolbox, hydraulic reservoir, and fuel tank
●	●	●	●	●	●	Reverse warning alarm
●	●	●	●	●	●	Dent-resistant full-coverage rear fenders
▲	▲	▲			▲	Backhoe boom-protection plate
●	●	●	●	●	●	JDLINK™ Ultimate wireless communication system (available in specific countries; see your dealer for details)

Net engine power is with standard equipment including air cleaner, exhaust system, alternator, and cooling fan at test conditions specified per ISO 9249. No derating is required up to 1500-m (5,000 ft.) altitude for the 310L and up to 3050-m (10,000 ft.) for the 310L with optional altitude-compensating turbocharger, the 310SL, the 310SL HL, the 315SL, and the 410L. Specifications and design are subject to change without notice. Wherever applicable, specifications are in accordance with ISO standards. Except where otherwise noted, these specifications are based on 310L EP and 310L units with 19.5L-24-in. 12 PR (R4) tubeless rear and 12.5/80-18 10PR (R4) front tires, 0.86-m³ (1.12 cu. yd.) loader buckets, and 610-mm x 0.18-m³ (24 in. x 6.5 cu. ft.) backhoe buckets; a 310SL unit with 19.5L-24-in. 12 PR (R4) tubeless rear and 12.5/80-18 10PR (R4) front tires, 1.00-m³ (1.31 cu. yd.) loader bucket, and 610-mm x 0.21-m³ (24 in. x 7.5 cu. ft.) backhoe bucket; a 310SL HL unit with boost mode, 21L-24 in. 12 PR (R4) tubeless rear and 12.5/80-18 10PR front tires, 1.00-m³ (1.31 cu. yd.) loader bucket, and 610-mm x 0.21-m³ (24 in. x 7.5 cu. ft.) backhoe bucket; a 315SL unit with 19.5L-24 in. 12 PR (R4) tubeless rear and 12.5/80-18 10PR (R4) front tires, 1.00-m³ (1.31 cu. yd.) loader bucket, and 610-mm x 0.21-m³ (24 in. x 7.5 cu. ft.) backhoe bucket; and a 410L unit with boost mode, 21L-24-in. 12 PR (R4) tubeless rear and 12.5/80-18 10PR front tires, 1.15-m³ (1.5 cu. yd.) loader bucket, and 610-mm x 0.21-m³ (24 in. x 7.5 cu. ft.) backhoe bucket.

5087 N.E. 46th Avenue
Des Moines, IA 50317
515-263-0055

10893 112 Road
Dodge City, KS 67801
620-227-3139

1303 3rd Ave. Northwest
Fort Dodge, IA 50501
515-576-3184

P.O. Box 460
Gering, NE 69341
308-436-2177

3204 S. Engleman Road
Grand Island, NE 68803
308-381-0741

P.O. Box 1206
Great Bend, KS 67530
620-792-2748

1601 N. Corrington
Kansas City, MO 64120
816-483-5000

6310 N. 56th Street
Lincoln, NE 68504
402-467-1300

P.O. Box 1013
North Platte, NE 69103
308-534-7020

9751 S. 148th
Omaha, NE 68138
402-894-1899

P.O. Box 5349
Sioux City, IA 51102
712-252-2753

1401 State Hwy MM
Springfield, MO 65802
417-863-1000

1621 N.W. Gage Blvd.
Topeka, KS 66618
785-233-0556

P.O. Box 387
Ulysses, KS 67880
620-356-1071

P.O. Box 2520
Waterloo, IA 50704
319-235-7085

P.O. Box 17366
Wichita, KS 67217
316-942-1457

Corporate Office

P.O. Box 17366
Wichita, KS 67217
316-945-101

April 8, 2016

Shannon Callahan ' Street Superintendent
City of Grand Island Street Department
111 West North Front Street
Grand Island, NE 68801

Shannon:

Attached is an Excel worksheet I built to reconcile the list prices from Deere and the 43% discount available through the NJPA.

The original List Price for this machine from the 2015 Price List was \$175,201.00 from which I deducted \$850.00 for the Basic Radio Package, resulting in the total list price of \$174,351.00.

Listing all the additional items and charges associated with delivery and preparation of the tractor; the final NJPA price is \$113,454.07 and the quoted price to the City of Grand Island Street Department is \$110,434.00. This is \$3020.07 less than the calculated NJPA price.

The only component this tractor has that we did not include in the initial quote is the auxiliary hydraulics on the backhoe. List on those is \$5196.00, with the discount your cost is \$2927.52. Even with the additional component I am still lower than the calculated NJPA price and in the long run I believe you will be glad you have the additional hydraulic capability.

Please review the provided information and feel free to call me with any questions you may have.

Respectfully,



William J. R. (Bill) Boyer
Territory Sales Manager

Quote Summary

Prepared For:
 GRAND ISLAND PUBLIC WORK
 NE

Prepared By:
 BILL BOYER
 Murphy Tractor & Eq. Co. Inc
 3204 S Engleman Rd
 Grand Island, NE 688036621
 Phone: 308-381-0741
 Mobile: 308-258-2101
 bboyer@murphytractor.com

Quote Id: 13083926
Created On: 05 April 2016
Last Modified On: 07 April 2016
Expiration Date: 29 April 2016

Equipment Summary

	Qty	Extended
2015 JOHN DEERE 310HL BACKHOE LOADER - 1T0310HLJFF281070	1	
John Deere Extended Warranty-5 yr. 3000 hour comprehensive, no deductible, Service mileage included.	1	

Equipment Total

\$ 110,424.00

Quote Summary

Equipment Total	\$ 110,424.00
SubTotal	\$ 110,424.00
Total	\$ 110,424.00
Balance Due	\$ 110,424.00

Salesperson : X _____

Accepted By : X _____

Selling Equipment

Quote Id: 13083926

2015 JOHN DEERE 310HL BACKHOE LOADER - 1T0310HLJFF281070

Hours: 27
 Stock Number: 134623

Description	Qty
FT4,4WD,FS21L,EXTDIP,PILOT,LDR CPLR,	1

Standard Options - Per Unit

ENGINE FT4	1
JD LINK ULT 850 5YR.	1
CAB STANDARD	1
DECAL & PACKET ENGLISH	1
AXLE MFWD 4WD LIMITED SLIP	1
TIRE FS21L-24,FS12.5/80-18	1
CONTROL PILOT	1
COUPLER QUICK UNIVERSAL	1
DIPPER EXTENDABLE	1
HYD,AUX W/2WAY FLOW, THUMB	1
LDR CPLR 1LEVER NO AUX W/RC	1
LDR BKT 1.3CY LG LIP BKT 92"	1
COUNTERWEIGHT 1250LB.	1
BATTERY DUAL W/JUMP POST	1
CHROME EXHAUST	1
HEATER ENGINE COOLANT 110V	1
CONSOLE W/CUP HOLDER - LEFT	1
GUARD FULL MFWD	1
FLUID SAMPLING	1
RADIO BASIC PACKAGE	1
SUN VISOR	1
SEAT CLOTH AIR SUSPENSION	1


Dealer Attachments

Premium Radio	1
Rubber Bumper	1
Stabilizer Guards	1
Auto shift Upgrade	1
12" HD Bucket	1
Exterior Mirrors	1

Service Agreements

John Deere Extended Warranty - 5 yr.
 3000 hour comprehensive, no
 deductible, Service mileage included.

Confidential

NJPA Discounts for RFP 032515			
March 18, 2015			
John Deere Model	Discount % off List	List Price for Base Model, as defined in the Price Pages	Proposed Contract Price
Backhoes			
310L EP	43	\$109,205.00	\$62,246.85
310L	43	\$110,843.00	\$63,180.51
310SL	43	\$112,506.00	\$64,128.42
 310SL HL	43	\$114,193.00	\$65,090.01
315SL	36	\$113,631.00	\$72,723.84
410L	40	\$125,375.00	\$75,225.00
710K	36	\$189,985.00	\$121,590.40

Contract Award
RFP 032515 #

FORM D



Formal Offering of Proposal
(To be completed Only by Proposer)

HEAVY CONSTRUCTION EQUIPMENT WITH RELATED ACCESSORIES, ATTACHMENTS, AND SUPPLIES
In compliance with the Request for Proposal (RFP) for HEAVY CONSTRUCTION EQUIPMENT WITH RELATED ACCESSORIES, ATTACHMENTS, AND SUPPLIES the undersigned warrants that I/we have examined this RFP and, being familiar with all of the instructions, terms and conditions, general specifications, expectations, technical specifications, service expectations and any special terms, do hereby propose, fully commit and agree to furnish the defined equipment/products and related services in full compliance with all terms, conditions of this RFP, any applicable amendments of this RFP, and all Proposer's Response documentation. Proposer further understands they accept the full responsibility as the sole source of responsibility of the proposed response herein and that the performance of any sub-contractors employed by the Proposer in fulfillment of this proposal is the sole responsibility of the Proposer.

Company Name: John Deere Construction Retail Sales Date: March 18, 2015

Company Address: 1515 Fifth Avenue

City: Moline State: IL Zip: 61265

Contact Person: Mark R. Deakyne Title: Contract Manager

Authorized Signature (ink only):

A handwritten signature in blue ink that reads 'Mark R. Deakyne' with a stylized flourish at the end.

Mark R. Deakyne
(Name printed or typed)



Contract Acceptance and Award

(To be completed only by NJPA)

NJPA 032515 HEAVY CONSTRUCTION EQUIPMENT WITH RELATED ACCESSORIES, ATTACHMENTS, AND SUPPLIES

John Deere Construction Retail Sales
Proposer's full legal name

Your proposal is hereby accepted and awarded. As an awarded Proposer, you are now bound to provide the defined product/equipment and services contained in your proposal offering according to all terms, conditions, and pricing set forth in this RFP, any amendments to this RFP, your Response, and any exceptions accepted or rejected by NJPA on Form C.

The effective start date of the Contract will be May 19th, 20 15 and continue for four years from the board award date. This contract has the consideration of a fifth year renewal option at the discretion of NJPA.

National Joint Powers Alliance® (NJPA)

NJPA Authorized signature:

NJPA Executive Director

Dr. Chad Coquette

(Name printed or typed)

Awarded this 19th day of May, 20 15 NJPA Contract Number 032515-JDC

NJPA Authorized signature:

NJPA Board Member

Scott Veronen

(Name printed or typed)

Executed this 19th day of May, 20 15 NJPA Contract Number 032515-JDC

Proposer hereby accepts contract award including all accepted exceptions and NJPA clarifications identified on FORM C.

Vendor Name John Deere Construction Retail Sales a division of John Deere Shared Services, Inc.

Vendor Authorized signature:

Mark R. Deakyne

(Name printed or typed)

Title: Contract Manager

Executed this Twenty-First day of May, 20 15 NJPA Contract Number 032515-JDC

RESOLUTION 2016-97

WHEREAS, the National Joint Powers Alliance Buying Group was utilized to secure competitive bids for a New Backhoe Loader by the Streets Division of the Public Works Department; and

WHEREAS, the National Joint Powers Alliance Buying Group Contract No. 032515-JDCALT was awarded John Deere Construction Retail Sales and subsequent vendor locations including Murphy Tractor & Equipment Co. of Grand Island, Nebraska; and

WHEREAS, the Public Works Department has recommended the purchase of the New Backhoe Loader from Murphy Tractor & Equipment Co. of Grand Island, Nebraska for a purchase price of \$110,434.00.

NOW, THEREFORE, BE IT RESOLVED BY THE MAYOR AND COUNCIL OF THE CITY OF GRAND ISLAND, NEBRASKA, that a purchase order and subsequent payment is authorized for the New Backhoe Loader from Murphy Tractor & Equipment Co. of Grand Island, Nebraska is hereby approved.

- - -

Adopted by the City Council of the City of Grand Island, Nebraska, April 26, 2016.

Jeremy L. Jensen, Mayor

Attest:

RaNae Edwards, City Clerk

Approved as to Form	☒ _____
April 22, 2016	☒ City Attorney