

**RESOLUTION
BOROUGH OF ALLENDALE
BERGEN COUNTY, NJ**

DATE: 06/14/2018

RESOLUTION# 18-157

Council	Motion	Second	Yes	No	Abstain	Absent
Bernstein		✓	✓			
Homan			✓			
O'Connell			✓			
Sasso	✓		✓			
Strauch			✓			
Wilczynski			✓			
Mayor White	---	---				

Approving Notice of Intent to Award a Contract
Under a National Cooperative Purchasing Agreement

Whereas, the Borough of Allendale intends to participate in the National Joint Powers Alliance Cooperative contract to purchase a John Deere Wheel Loader Model #544KII for the Department of Public Works; and,

Whereas, information regarding the contract may be found at Allendale Borough Hall during regular business hours, as well as on the Borough of Allendale's website at: www.allendalenj.gov; and,

Whereas, the Borough of Allendale is a member of NJPA Cooperative Purchasing System; and,

Whereas, the NJPA contract term is January 1, 2018 through December 31, 2018; and,

Whereas, it is the intent of the Borough of Allendale to make a contract award to Jesco Inc. pursuant to the proposal submitted in response to the Borough's specifications; and;

Whereas, the Borough of Allendale is permitted to join nation cooperative purchasing agreements under the authority of N.J.S.A. 52:34-6.2(b)(3).

Now, Therefore, Be It Resolved by the Mayor and Council of the Borough of Allendale, County of Bergen, State of New Jersey that the Municipal Clerk is hereby directed to publish the forgoing, enumerated "Notice of Intent to Award a Contract Under a National Cooperative Purchasing Agreement" in the legal newspaper of the Borough of Allendale with a comment period to end at the close of business hours on Tuesday, June 26, 2018.

I hereby certify the above to be a true copy of a Resolution adopted by the Governing Body of the Borough of Allendale on June 14, 2018.


 Anne Dodd, RMC
 Municipal Clerk



JOHN DEERE

John Deere Construction, Industrial & Utility Equipment

Customer:

ALLENDALE BORO
PO BOX 11
ALLENDALE ,NJ, 07401

Date:

1/22/2018

NJPA

Loader 544KII HI-LIFT , NJPA Cooperative

Contract 032515-JDC,

All the prices in the detailed sections are Per machine basis.

Machine Configuration:

Code	Description	Qty	Unit Price
7640DW	544KII WHEEL LOADER	1	\$ 186,979.00
0810	STANDARD GATHERING GROUP	1	IN BASE
2605	ENGLISH LABELS AND DECALS	1	IN BASE
1010	STANDARD LOADER	1	IN BASE
0924	FINAL TIER 4 / 163 NET PEAK HP	1	\$ 18,119.00
1520	REVERSING FAN	1	\$ 1,550.00
1430	AIR INTAKE WITH PRE CLEANER	1	\$ 617.00
1330	ENGINE EXHAUST WITH CHROME STACK	1	\$ 344.00
2730	24VOLT TO 12 VOLT 30 AMP CONVERTER	1	\$ 265.00
1215	130 AMP ALTERNATOR	1	\$ 585.00
1610	STANDARD FUEL FILTER AND WATER SEPERATOR	1	IN BASE
1110	5 SPEED TRANSMISSION	1	\$ (3,900.00)
3046	FRONT HYDRAULIC LOCKING DIFF / CONV REAR DIFF	1	IN BASE
3120	MANUAL AXLE DIFFERENTIAL LOCK	1	IN BASE
4934	NO PREFERENCE TIRES	1	\$ 13,138.00
5530	FRONT FENDERS	1	IN BASE
2020	HIGH LIFT Z-BAR / ADDS 14.88" TO BUCKET HINGE PIN	1	\$ 4,261.00
2890	NO PAY SCALE	1	IN BASE
2432	3 FUNCTION JOYSTICK W/ FNR CONTROL LEVER	1	\$ 2,929.00
8422	QUIET CAB WITH HEAT ,AC ,DEFROSTER	1	\$ 12,100.00
5610	LEFT SIDE STEPS	1	IN BASE
8450	CAB WITH AIR AC CHARGE	1	IN BASE
2230	PREMIUM SEAT WITH AIR SUSPENSION	1	\$ 829.00
2120	STEERING WHEEL ONLY	1	IN BASE
1915	NEVER GREASE STEERING JOINTS	1	IN BASE
2510	RIDE CONTROL	1	\$ 4,015.00
7140	PREMIUM LED LIGHT PACKAGE	1	\$ 1,706.00
8310	STANDARD OUTSIDE MIRRORS	1	IN BASE
8220	REAR CAST BUMPER COUNTERWEIGHT W/HITCH	1	\$ 688.00
170C	JD LINK 5 YEARS ULTIMATE	1	IN BASE
9525	SLOW MOVING EMBLEM	1	\$ 157.00
8560	Z-BAR HYDRAULIC COUPLER	1	\$ 5,051.00
8830	2.75YD 100IN COUPLER GP BUCKET WITH CUTTING EDGE	1	\$ 7,792.00
9015	ENGINE BLOCK HEATER	1	\$ 243.00
9043	ENVIROMENTAL DRAINS AND SAMPLING PORTS	1	\$ 410.00
8585	60X60 COUPLER FORKS	1	\$ 5,247.00
9126	DUAL BEACON BRACKET	1	\$ 378.00
9106	AM/FM WEATHER BAND RADIO W/AUX PORT	1	\$ 576.00
9131	REAR CAMERA	1	\$ 1,285.00
9140	5.OLB ABC FIRE EXTINGUISHER	1	\$ 139.00
9420	TRANSMISSION SIDE FRAME GUARDS	1	\$ 450.00
9430	BOTTOM GUARDS	1	\$ 1,362.00
9520	LICENSE PLATE BRACKET	1	\$ 177.00

	TOTAL	\$ 267,492.00
	NIPA Discount	-43.00% \$ (115,021.56)
	Net Price	\$ 152,470.44

Custom Jobs

Code	Description	Qty	Price
	Dlr Provide Pre-Delivery Inspection	1	\$ 850.00
	Dlr to Intall Attachments		\$ 650.00
	Total		\$ 1,500.00

Attachments

Code	Description	Qty	Price
GEM	MP250 2.5 YD MP Multi Purpose bucket	1	\$ 13,603.00
GEM	11SPH 11' Snow Plow with mushroom shoes / trip springs	1	\$ 14,926.00
	Total		\$ 28,529.00

Warranty

Code	Description	Qty	Price
	Dlr Provide 60 month 3000 Hr Powertrain & Hydraulic Warranty	1	\$2,919.73
	Total		\$ 2,919.73

Freight

Code	Description	Price
	Freight in to South Plainfield	\$ 2,875.00
	Attachment Freight in to South Plainfield	\$ 2,500.00
	DLR to Provide Local Delivery	\$ 500.00
	Total	\$ 5,875.00

Quote Summary- Loader 544K II (Per Unit)

Item Description	Prices
Machine net Price	\$ 152,470.44
Custom Jobs	\$ 1,500.00
Attachments	\$ 28,529.00
Warranty	\$ 2,919.73
Freight in to South Plainfield	\$ 3,325.00
Price Per Machine	\$ 188,744.17

Trade Information	Trade In Value
None	

Total Net Price (Quantity = 1) \$ 188,744.17

Warranty Terms

544KII Includes Standard Warranty of 12 Months

Remarks:

Please note that this quote is valid for 30 days

Purchase Orders must be made out to: Jesco Inc, 118 St Nicholas Ave , South Plainfield NJ , 07080

steering, Seat mounted hydraulic joystick controls

ELECTRICAL, Alternator, 115-amp, heavy duty, 12V power supply in cab (2), Batteries, 1,000 CCA (2) 24 volt system,, disconnect switch, Back up alarm, Emergency shutdown switch, Halogen work lights front and rear, LED, rear stop and turn lights, Heavy duty gear reduction starter, Product Link PRO w/3 year subscription, Remote jump start post, Resettable main and critical function, breakers, Roofing lights front and rear

OPERATOR ENVIRONMENT, 75 mm (3 in) retractable seatbelt, Automatic temperature control, Cab, enclosed ROPS/FOPS pressurized, and sound suppressed, Cup holders, External heated mirrors with lower, parabolic, Ground level cab door release, Gauges, -Digital hour meter, odometer and, tachometer, -Digital ground speedometer and, direction indicator, -Engine coolant temperature gauge, -Fuel and Diesel Exhaust Fluid level, indicator, -Hydraulic oil temperature gauge, Hydraulic control lockout, Interior cab lighting, door and dome, Interior rearview mirrors (2), Lunch box storage, Operator warning system indicators, Radio ready speakers, Rear window defrost, electric, Seat mounted electronic implement, controls, adjustable, Sliding glass on the side windows, Column mounted multi function control, -lights, wipers, turn signal, Suspension seat, fabric, Tilt and telescope steering wheel, Tinted front glass, Wet arm wiper/washer, 2-speed and, intermittent, front, Wet arm wiper washer, rear,

OTHER STANDARD EQUIPMENT, Large-access enclosure doors with, adjustable close/open force, Parallel lift loader linkage, Recovery hitch with pin, Remote mounted lubrication points, Vandalism protection-, lockable compartments,

MACHINE SPECIFICATIONS

Description	Reference No	List
938M WHEEL LOADER	430-2807	\$231,420.00
LANE 2 ORDER		
PREP PACK, UNITED STATES		
HYD,3V,COUPLER READY,STD LIFT	430-2843	\$2,655.00
STEERING, STANDARD		
DIFFERENTIAL,LIMITED SLIP REAR		
ENVIRONMENT, STANDARD		
WEATHER, STANDARD		
CAB, DELUXE	521-3244	\$2,990.00
SEAT, DELUXE	423-7201	\$1,060.00
RADIO, BLUETOOTH, AUX, MIC	372-1868	\$735.00
PRODUCT LINK, CELLULAR PL641		
FENDERS, STANDARD		
COUNTERWEIGHT, HEAVY		
TOOLBOX AUX	491-7922	\$499.00
KIT,SERIALIZED TECHNICAL MEDIA		
RIDE CONTROL		
CAMERA, REAR VIEW	377-5635	\$1,060.00
WARNING, BEACON, LED STROBE	333-1425	\$263.00
SIDE MIRROR, RH	482-5167	\$93.00
GUARD, POWERTRAIN, LOWER	349-8165	\$1,385.00
QUICK COUPLER, FUSION		
JUMPER LINES, 3RD FUNCTION	441-3367	\$575.00
PACK, DOMESTIC TRUCK		
ENGINE AR		
LIGHTS, AUX LED PREMIUM	494-7970	\$985.00
TIRES, 23.5R25 BS VJT * L3	461-2926	\$24,470.00
FILM GP, AGGREGATE	387-4097	\$60.00

Description	Reference No	List
EMA BUCKET-MP, 2.7 YD3	362-0902	\$22,824.00

SELL PRICE	\$215,394.76
EXT WARRANTY	\$2,290.00
AFTER TAX BALANCE	\$217,684.76

WARRANTY

Standard Warranty: 12 month unlimited hour full machine & 12 month TT&M
 Extended Warranty: 938-60 MO/3000 HR POWERTRAIN + HYDRAULICS + TECH (Tier 4)

F.O.B./TERMS

Piscataway

PAYMENT TERMS

Cash Invoice Terms

CASH WITH ORDER	AMOUNT
\$0.00	\$215,394.76

Accepted by _____ on _____

Signature

NJPA CO-OP PRICING
NJPA # 032515-CAT

LIST PRICE \$291,074.00
NJPA DISCOUNT 26% -\$75,679.24
EPP WARRANTY \$2,290.00

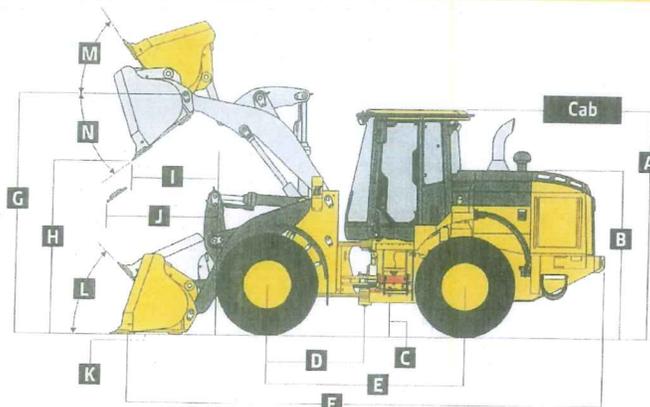
TOTAL SELL PRICE \$217,684.76



Hydraulic System/Steering (continued)

	544K-II Z-BAR / HIGH-LIFT / POWERLLEL	
	Z-Bar / High-Lift	Powerllee
Hydraulic Cycle Times		
Raise	5.8 sec.	5.8 sec.
Dump	1.2 sec.	1.2 sec.
Lower (float down)	3.2 sec.	2.5 sec.
Total	10.2 sec.	9.5 sec.

Dimensions and Specifications with Pin-On Bucket



544K-II Z-BAR AND HIGH-LIFT LOADERS WITH PIN-ON BUCKET

Dimensions with Bucket

	Z-Bar Narrow 2.3-m ³ (3.0 cu. yd.) general-purpose with bolt-on edge	Z-Bar Wide 2.3-m ³ (3.0 cu. yd.) general-purpose with bolt-on edge	High-Lift Narrow 2.3-m ³ (3.0 cu. yd.) general-purpose with bolt-on edge	High-Lift Wide 2.3-m ³ (3.0 cu. yd.) general-purpose with bolt-on edge
A Height to Top of Cab	3.24 m (10 ft. 8 in.)	3.24 m (10 ft. 8 in.)	3.24 m (10 ft. 8 in.)	3.24 m (10 ft. 8 in.)
B Hood Height	2.37 m (7 ft. 9 in.)	2.37 m (7 ft. 9 in.)	2.37 m (7 ft. 9 in.)	2.37 m (7 ft. 9 in.)
C Ground Clearance	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)	0.40 m (15.7 in.)
D Length from Centerline to Front Axle	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)	1.45 m (4 ft. 9 in.)
E Wheelbase	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)	2.93 m (9 ft. 7 in.)
F Overall Length, Bucket on Ground	7.43 m (24 ft. 4 in.)	7.34 m (24 ft. 1 in.)	7.75 m (25 ft. 5 in.)	7.67 m (25 ft. 2 in.)
G Height to Hinge Pin, Fully Raised	3.82 m (12 ft. 6 in.)	3.82 m (12 ft. 6 in.)	4.17 m (13 ft. 8 in.)	4.17 m (13 ft. 8 in.)
H Dump Clearance, 45 deg., Full Height	2.76 m (9 ft. 1 in.)	2.82 m (9 ft. 3 in.)	3.11 m (10 ft. 3 in.)	3.17 m (10 ft. 5 in.)
I Reach, 45-deg. Dump, Full Height	0.99 m (3 ft. 3 in.)	0.93 m (3 ft. 1 in.)	0.99 m (3 ft. 3 in.)	0.93 m (3 ft. 1 in.)
J Reach, 45-deg. Dump, 2.13-m (7 ft. 0 in.) Clearance	1.46 m (4 ft. 10 in.)	1.44 m (4 ft. 9 in.)	1.76 m (5 ft. 9 in.)	1.73 m (5 ft. 8 in.)
K Maximum Digging Depth	95 mm (3.72 in.)	95 mm (3.72 in.)	221 mm (8.7 in.)	221 mm (8.7 in.)
L Maximum Rollback at Ground Level	42 deg.	42 deg.	37 deg.	37 deg.
M Maximum Rollback, Boom Fully Raised	55 deg.	55 deg.	50 deg.	50 deg.
N Maximum Bucket Dump Angle, Fully Raised	49 deg.	49 deg.	46 deg.	46 deg.
Loader Clearance Circle, Bucket Carry Position	11.65 m (38 ft. 3 in.)	11.72 m (38 ft. 5 in.)	11.96 m (39 ft. 3 in.)	12.03 m (39 ft. 6 in.)

Specifications with Bucket

Capacity, Heaped	2.3 m ³ (3.0 cu. yd.)			
Capacity, Struck	2.0 m ³ (2.6 cu. yd.)			
Bucket Weight with Bolt-On Cutting Edge	1066 kg (2,350 lb.)	1048 kg (2,310 lb.)	1066 kg (2,350 lb.)	1048 kg (2,310 lb.)
Bucket Width	2.54 m (8 ft. 4 in.)	2.69 m (8 ft. 10 in.)	2.54 m (8 ft. 4 in.)	2.69 m (8 ft. 10 in.)
Breakout Force	10 115 kg (22,300 lb.)	10 869 kg (23,962 lb.)	9352 kg (20,618 lb.)	10 050 kg (22,156 lb.)
Tipping Load, Straight, No Tire Deflection	11 106 kg (24,484 lb.)	11 163 kg (24,610 lb.)	9565 kg (21,087 lb.)	9623 kg (21,215 lb.)
Tipping Load, Straight, with Tire Deflection	10 530 kg (23,215 lb.)	10 590 kg (23,347 lb.)	9120 kg (20,106 lb.)	9180 kg (20,238 lb.)
Tipping Load, 40-deg. Full Turn, No Tire Deflection	9637 kg (21,246 lb.)	9690 kg (21,363 lb.)	8273 kg (18,239 lb.)	8325 kg (18,353 lb.)
Tipping Load, 40-deg. Full Turn, with Tire Deflection	8895 kg (19,610 lb.)	8952 kg (19,736 lb.)	7689 kg (16,951 lb.)	7746 kg (17,077 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, No Tire Deflection [conforms to ISO 14397-1]*	4818 kg (10,622 lb.)	4845 kg (10,681 lb.)	4136 kg (9,118 lb.)	4162 kg (9,176 lb.)
Rated Operating Load, 50% Full-Turn Tipping Load, with Tire Deflection [conforms to ISO 14397-1]*	4447 kg (9,804 lb.)	4476 kg (9,868 lb.)	3844 kg (8,475 lb.)	3873 kg (8,538 lb.)
Operating Weight	13 217 kg (29,138 lb.)	13 200 kg (29,101 lb.)	13 352 kg (29,436 lb.)	13 335 kg (29,399 lb.)

Loader operating information is based on machine with identified linkage and standard equipment, PowerTech PVS 6068 (EPA Final Tier 4/EU Stage IV) engine, ROPS cab, rear cast bumper/counterweight, transmission side-frame guards, bottom guards, standard tires, full fuel tank, and 79-kg (175 lb.) operator. This information is affected by changes in tires, ballast, and different attachments.

*Rated operating capacity based on Deere attachments only.

544K-II

Engine		544K-II Z-BAR / HIGH-LIFT / POWERLLEL™			
Manufacturer and Model	John Deere PowerTech™ PVS 6068	John Deere PowerTech™ E 6068H			
Non-Road Emission Standard	EPA Final Tier 4/EU Stage IV	EPA Tier 3/EU Stage IIIA			
Cylinders	6	6			
Valves Per Cylinder	4	2			
Displacement	6.8 L (414 cu. in.)	6.8 L (414 cu. in.)			
Net Peak Power (ISO 9249)	121 kW (163 hp) at 1,800 rpm	122 kW (163 hp) at 1,900 rpm			
Net Peak Torque (ISO 9249)	683 Nm (504 lb.-ft.) at 1,100 rpm	659 Nm (486 lb.-ft.) at 1,600 rpm			
Net Torque Rise	45%	39%			
Fuel System (electronically controlled)	High-pressure common rail	High-pressure common rail			
Lubrication	Full-flow spin-on filter and integral cooler	Full-flow spin-on filter and integral cooler			
Aspiration	Turbocharged, charge air cooled	Turbocharged, charge air cooled			
Air Cleaner	Under-hood, dual-element dry type, restriction indicator in cab monitor for service				
Cooling					
Fan Drive	Hydraulically driven, proportionally controlled, fan aft of coolers				
Electrical					
Electrical System	24 volt with 100-amp (130-amp optional) alternator	24 volt with 80-amp (100-amp optional) alternator			
Batteries (2 – 12 volt)	950 CCA (each)	950 CCA (each)			
Transmission System					
Type	Countershaft-type PowerShift™				
Torque Converter	Single stage, single phase				
Shift Control	Electronically modulated, adaptive, load and speed dependent				
Operator Interface	Steering-column or joystick-mounted F-N-R and gear-select lever; kick-down button on hydraulic lever				
Shift Modes	Manual/auto (1st-D or 2nd-D); Quick-Shift button with 2 selectable modes: kick-down or kick-up/down; and adaptive clutch cutoff				
Maximum Travel Speeds (with 20.5 R 25 tires)	<i>Standard 5-Speed with Lockup Torque Converter</i>		<i>Optional 5-Speed without Lockup Torque Converter</i>		
		<i>Forward</i>	<i>Reverse</i>		
	Range 1	5.8 km/h (3.6 mph)	6.3 km/h (3.9 mph)	5.2 km/h (3.2 mph)	5.5 km/h (3.4 mph)
	Range 2	12.0 km/h (7.5 mph)	12.7 km/h (7.9 mph)	10.9 km/h (6.8 mph)	11.5 km/h (7.2 mph)
	Range 3	18.6 km/h (11.6 mph)	29.1 km/h (18.1 mph)	16.6 km/h (10.3 mph)	25.3 km/h (15.7 mph)
	Range 4	27.7 km/h (17.2 mph)	N/A	23.8 km/h (14.8 mph)	N/A
Range 5	40.0 km/h (24.9 mph)	N/A	37.6 km/h (23.4 mph)	N/A	
Axles/Brakes					
Final Drives	Heavy-duty inboard-mounted planetary				
Differentials	Hydraulic locking front with conventional rear – standard; dual locking front and rear – optional				
Rear Axle Oscillation, Stop to Stop (with 20.5 R 25 tires)	24 deg. (12 deg. each direction)				
Service Brakes (conform to ISO 3450)	Hydraulically actuated, spring-retracted, self-adjusting inboard sun-shaft mounted, oil cooled, single disc				
Parking Brakes (conform to ISO 3450)	Automatic spring applied, hydraulically released, driveline mounted, sealed wet multi disc				
Tires/Wheels (see page 26 for complete tire adjustments)					
	<i>Tread Width</i>	<i>Width Over Tires</i>			
Michelin 20.5 R 25, 1 Star L-3	1950 mm (76.8 in.)	2546 mm (100.2 in.)			
Serviceability					
Refill Capacities	EPA F14/EU Stage IV	EPA Tier 3/EU Stage IIIA			
Fuel Tank (with lockable cap)	298 L (79 gal.)	325 L (86 gal.)			
Cooling System	23.5 L (24.8 qt.)	22.5 L (23.8 qt.)			
Diesel Exhaust Fluid (DEF)	19 L (20 qt.)	N/A			
Engine Oil with Vertical Spin-On Filter	19.5 L (20.6 qt.)	19 L (20 qt.)			
Transmission Reservoir with Vertical Filter	21.5 L (22.7 qt.)	18.5 L (19.5 qt.)			
Axle Oil (front and rear, each)	18 L (19 qt.)	17 L (18 qt.)			
Hydraulic Reservoir and Filter	118.7 L (31.35 gal.)	92 L (24.3 gal.)			
Park Brake Oil (wet disc)	0.3 L (10 oz.)	0.3 L (10 oz.)			
Hydraulic System/Steering					
Pump (loader and steering)	Variable-displacement, axial-piston pump; closed-center, pressure-compensating system				
Maximum Rated Flow at 6895 kPa (1,000 psi) and 2,350 rpm	189 L/m (50 gpm)				
System Relief Pressure (loader and steering)	25 166 kPa (3,650 psi)				
Loader Controls	2-function valve; joystick control or fingertip controls; hydraulic-function enable/disable; optional 3rd- and 4th-function valve with auxiliary lever				
Steering (conforms to ISO 5010)	Steering-column-mounted, twist-grip shift lever; Quick-Shift button on hydraulic lever				
Type	Power, fully hydraulic				
Articulation Angle	80-deg. arc (40 deg. each direction)				
Turning Radius (measured to centerline of outside tire)	5.0 m (16 ft. 5 in.)				