

## Ocean County Board of Commissioners

OFFICE OF THE  
OCEAN COUNTY COMMISSIONERS

Director Joseph H. Vicari  
Deputy Director Gary Quinn  
Commissioner Barbara Jo Crea  
Commissioner Virginia E. Haines  
Commissioner John P. Kelly

101 Hooper Avenue  
Toms River, New Jersey  
08754-2191  
(732)929-2005  
(732)505-1918

### Board Meeting Agenda

Date: November 1, 2023 - 4:00 PM  
Location: Administration Building  
Room 119  
101 Hooper Avenue  
Toms River, NJ 08754

Agenda: Awarding a Contract for the furnishing and delivery of MOTOR VEHICLE: LOADER to Jesco, Inc., the sole qualified bidder. (B2023-183)

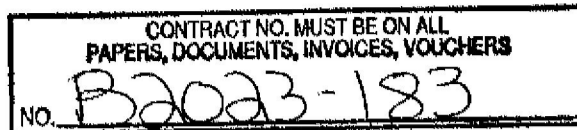
<b>Official Resolution#</b>	<b>2023001554</b>						
Meeting Date	11/01/2023						
Introduced Date	11/01/2023						
Adopted Date	11/01/2023						
Agenda Item	I-5						
CAF #							
Purchase Req. #	B2023-183						
Result	Adopted						
<b>COUNTY COMMISSIONER</b>	<b>PRES.</b>	<b>ABS.</b>	<b>MOVE</b>	<b>SEC</b>	<b>AYE</b>	<b>NAY</b>	<b>ABST.</b>
Vicari	<				<		
Quinn	<			<	<		
Crea	<				<		
Haines	<		<		<		
Kelly	<				<		

I HEREBY CERTIFY THAT THIS DOCUMENT IS A TRUE, COMPLETE AND ACCURATE COPY OF THIS RESOLUTION, ADOPTED BY OCEAN COUNTY BOARD OF COMMISSIONERS, NJ AT THE MEETING REFERENCED THEREON

*Michelle I. Gunther*

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Clerk Of The Board



## RESOLUTION

November 1, 2023

WHEREAS, on October 17, 2023, pursuant to legal advertisements therefor, sealed bids were received for the furnishing and delivery of MOTOR VEHICLE: LOADER for the County of Ocean; and

WHEREAS, at the advertised time, one response was received from the following bidder:

<u>Name of Bidder</u>	<u>Address of Bidder</u>
Jesco, Inc.	118 St. Nicholas Ave. South Plainfield, NJ 07080 (908) 753-8080

; and

WHEREAS, after the receipt and examination of same, the County Purchasing Agent has now recommended to this Board that the sole qualified bid, according to specifications, namely that of, JESCO, INC. be accepted.

NOW, THEREFORE, BE IT RESOLVED by the BOARD OF COMMISSIONERS of the COUNTY OF OCEAN, STATE OF NEW JERSEY, as follows:

1. The Director and Clerk of this Board are hereby authorized and directed to enter into a contract accepting the bid for the furnishing and delivery of Motor Vehicle: Loader for the County of Ocean, for the contract period from date of award through October 31, 2024, a period of one (1) year or until delivery is complete unless otherwise stated. The County reserves the right to extend the term of the contract pursuant to N.J.S.A. 40A:11-15.

A. JESCO, INC. for nine (9) items, to wit:

ITEM NOS. 1, 1a, 1b, 1c, 1d, 1e, 1f, 1g and 1h.

For a Total Lump Sum Award for Item #'s 1 - 1h of \$598,659.98.

This vendor has extended this contract to County Cooperative Contract System Participants.

2. Payments for the equipment to be acquired by this contract shall be made upon the approval of vouchers submitted by the successful bidders in accordance with the requirements of the Board of Commissioners and subject to the Board of Commissioners customary procedures. Delivery shall be made upon receipt of a Purchase Order issued by the Ocean County Department of Purchase, upon which delivery locations and needed quantities shall be indicated.

3. Funds for the equipment shall be available within the following funding Sources: Solid Waste Management, Vehicle Services Department O.E.

4. The contract number must be placed on all papers, documents, invoices and vouchers pertaining to said contract, the number being B2023-183.

5. BE IT FURTHER RESOLVED that certified copies of this Resolution shall be made available to the County Auditor, County Department of Purchasing, Department of Finance, Solid Waste Management, Vehicle Services Department and Jesco, Inc., the successful bidder.

JESCO, INC.

PROPOSAL DOCUMENT REPORT  
 Bid No. TBD  
 MOTOR VEHICLE: LOADER

Bidder also understands that only one (1) bid submission shall be considered. Please DO NOT Submit a manual bid response. Submitting a manual response in addition to the electronic response is cause for rejection of your bid.  
 Confirmed

PRICE TABLES  
 MOTOR VEHICLE: LOADER

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Year, Mfr. Make/Model:	Warranty:	Delivery, A.R.O.	Remarks:
1	Current Model Year, or Newer, John Deere 724P 4-Wheel Drive Loader, As Specified, or Equal	1	EA	\$390,089.00	\$390,089.00	2024 John Deere 724P			
OPTIONS									
1a	Warranty Upgrade Package #1, As Specified	1	EA	\$18,209.40	\$18,209.40				
1b	Warranty Upgrade Package #2, As Specified	1	EA	\$22,491.26	\$22,491.26				
1c	Preventative Maintenance Package, As Specified	1	EA	\$32,010.32	\$32,010.32				
1d	Brush Bucket, As Specified, or Equal	1	EA	\$39,760.00	\$39,760.00				



JESCO, INC.

PROPOSAL DOCUMENT REPORT  
 Bid No. TBD  
 MOTOR VEHICLE: LOADER

Line Item	Description	Quantity	Unit of Measure	Unit Cost	Total	Year, Mfr. Make/Model:	Warranty:	Delivery, A.R.O.	Remarks:
1e	Two Way Radio Power and Wiring Requirements for New Vehicles, As Specified	1	EA	\$1,000.00	\$1,000.00				
1f	Diagnostic Tools/Test Equipment, As Specified	3	SET	\$25,200.00	\$75,600.00				
1g	Installation of County Supplied Two Way Radio, As Specified	1	EA	\$1,500.00	\$1,500.00				
1h	Technical Support, As Specified	180	HOUR	\$100.00	\$18,000.00				
<b>TOTAL</b>					<b>\$598,659.98</b>				

MOTOR VEHICLE – LOADER

**ITEM 1 – CURRENT MODEL YEAR, OR NEWER, JOHN DEERE 724P 4-WHEEL DRIVE LOADER, AS SPECIFIED OR EQUAL**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>ENGINE</b>		
Six (6) cylinder, turbocharged, charge air cooled diesel engine and shall be designed and built by the manufacturer	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine shall be certified to EPA Final Tier 4/EU Stage V	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine shall have a wet-sleeve cylinder liner design for improved cylinder cooling over dry sleeve and cast-in-bore design	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine displacement shall be no less than 9.0 liters (548 cu. in.)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Gross peak power not less than 276 hp at 1800 rpm	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine net peak power shall be no less than 268 hp (200 kW) @ 1800 rpm	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine shall develop at least a 48% torque rise and should have at least 951 lb per foot (1290 Nm) net peak torque @1400 rpm	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fuel system shall be high-pressure, common rail, and compatible with B20 biodiesel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Daily check points shall be accessible from one side of the engine and shall be done from ground level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Under-hood engine air cleaner shall be dry type, dual element with a restriction sensor and in-cab restriction warning light. Must be able to access air cleaner without tools.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The loader shall have pre-screened under hood air intake to minimize plugging	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The loader shall have automatic exhaust filter regeneration with de-rating when exceeding system temperatures	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Access to engine will be open from both sides with side opening, full access service doors	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine shall have no less than 10-micron rated primary fuel filter with water separator	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Loader shall be equipped with a heavy-duty steel fuel tank guard	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Service interval for the engine oil and filter shall be 500 hours	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The unit shall have a programmable auto-shutdown and auto-idle (900-1250rpm) feature for the engine as standard equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The electrical system shall be 24 volt with 100 amp (140 amp optional) alternator	<input checked="" type="checkbox"/>	<input type="checkbox"/>

MOTOR VEHICLE – LOADER

**ITEM 1 – CURRENT MODEL YEAR, OR NEWER, JOHN DEERE 724P 4-WHEEL DRIVE LOADER, AS SPECIFIED OR EQUAL**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>POWER TRAIN</b>		
Unit shall have a counter shaft power shift transmission with Lockup torque-converter, Five (5) forward, Three (3) reverse gears to provide improved fuel economy in load-and-carry or road applications.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The transmission shall be electronically controlled, adaptive, with load and speed dependent shift modulation	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Shift modes shall be manual, auto to 1st or 2nd, kick down or kick up/down.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unit shall be equipped with a wheel spin control system that limits wheel spin in loose or slippery ground , as well as reducing rim pull to help prevent tire wear	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Service interval for the transmission oil filter shall be 2000 hours	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The transmission clutch calibration shall be performed from the cab monitor	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unit shall have a joystick mounted F-N-R and gear-select lever, kick-down button on hydraulic lever. Shall have quick shift feature that allows pushbutton gear changes, one gear at a time	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Sight gauge showing transmission fluid shall be at ground level	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Transmission filter restriction shall be displayed in the cab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The transmission shall be able to reach 24.9 mph in 5th gear and 12.7 in 3rd gear with 23.5R25 tires	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>COOLING</b>		
Unit shall have a proportionally controlled, hydraulically driven reversing, 90° swing-out fan, standard equipment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The unit will have two-sided access to all coolers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Air intake shall be pre-screened .12 inches (3 mm perforations) for each cooling component	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cooling system shall be isolated from the engine compartment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unit shall have a coolant recovery tank provided	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unit shall have a fan-guard	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fluid levels should be easily checked by sight gauges or overflow tank	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unit shall have a 6000 hour interval of service for cooling system	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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MOTOR VEHICLE – LOADER

**ITEM 1 – CURRENT MODEL YEAR, OR NEWER, JOHN DEERE 724P 4-WHEEL DRIVE LOADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>HYDRAULIC SYSTEM</b>		
The Hydraulic flow shall not be less than 82 gpm.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The hydraulic filter shall be in-tank, vertical mounting with service interval of 4000 hours.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The hydraulic fluid shall have a rated life of 4000 hours	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The hydraulic system shall be pressure-compensating load-sensing	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hydraulic tank capacity should be no less than 27.8 gallons	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unit shall be equipped with single-lever joystick	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unit shall have in cab programmable return to carry, boom height kick out, and two separate return to dig savable settings	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unit shall have two programmable multi-function buttons on the joystick	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All auxiliary flow functions will have the ability to be adjustable and continuous	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unit will have ability to set hydraulic flow and response rates for up to ten (10) attachments	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unit shall have a bucket shake feature for fine metering of loose materials programed on the multi-function buttons	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unit shall have a precision mode for operations requiring slow and precise control of hydraulics	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A sight gauge will be provided for checking hydraulic reservoir fluid	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hydraulic pump shall be variable-displacement, axial-piston pump: closed-center, pressure-compensating system	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Third function valve and plumbing shall be provided, third function shall be activated via rocker switch on joystick	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Loader steering articulation angle shall be no less than 80° (40° in each direction)	<input checked="" type="checkbox"/>	<input type="checkbox"/>



MOTOR VEHICLE – LOADER

**ITEM 1 – CURRENT MODEL YEAR, OR NEWER, JOHN DEERE 724P 4-WHEEL DRIVE LOADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>AXLES/BRAKES</b>		
The final drives shall be heavy-duty inboard planetary	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The loader shall have the brake pedal function as an adaptive clutch cut off or brake only function	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The service brake shall be hydraulically actuated, spring-retracted, inboard sun shaft mounted, oil cooled, self-adjusting, single disc, and sealed from water, mud, and dust contamination	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The parking brake shall be automatic spring applied, hydraulically released, driveline mounted, oil-cooled, multi-disc and sealed from water, mud and dust contamination	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The brakes shall have easy access for inspection with elevated axle breathers	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear axle shall not have less than 26 degrees oscillation, stop to stop. when equipped with 23.5R25 radial tires	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The dipstick port and housing fill shall be at the top of the axle	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The front axle shall be dual locking hydraulically actuated, disc clutch style, locking differential. Automatic differential lock shall be supplied.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The loader shall have a standard hydraulic locking front with conventional rear and optional dual locking front and rear axle	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>ELECTRICAL</b>		
Two batteries shall be included, 24-volt, 950 CCA, 200-min. rated reserve of no less than 25 amps for 200-min at 80°F	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The unit shall have a solid-state electrical power distribution system using circuit board technology and solid-state switches	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The unit shall have a keyless starting system with configurable security settings	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unit's electrical system will be protected by a 150 amp circuit breaker.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The unit shall be provided with a lockable master electrical disconnect switch	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cab will be pre-wired for a rotating beacon/strobe light	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The in-cab switch module shall be sealed to keep out dirt, dust and airborne debris	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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✓ MOTOR VEHICLE – LOADER  
✓ ITEM 1 – CURRENT MODEL YEAR, OR NEWER, JOHN DEERE 724P 4-WHEEL DRIVE LOADER, AS SPECIFIED OR EQUAL (CONT'D)

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>ELECTRICAL (Cont'd)</b>		
Unit shall be equipped with (4) front; (2) rear driving lights with guards, turn signals and flashers, stop and tail lights. The tail lights shall be type mounted high up in the rear grille for protection from damage and better sight visibility and shall have a normal service life equal to the machine. All Lights shall be LED.	☒	☐
Unit shall come standard with three (3) 12v power ports	☒	☐
Unit shall be equipped with twelve (12) LED strobe lights. Lights shall be operated by one (1) button located on the sealed switch module	☒	☐
Unit shall be equipped with analog display for: <ul style="list-style-type: none"> <li>• engine coolant temperature</li> <li>• transmission oil temperature</li> <li>• hydraulic oil temperature</li> <li>• engine oil pressure</li> </ul>	☒	☐
Unit shall have digital readout for: engine rpm, odometer, transmission gear/direction indicator, speedometer, hour meter, fuel level, average fuel level, and DEF level	☒	☐
Unit shall have operator warning lights for: <ul style="list-style-type: none"> <li>• check engine</li> <li>• engine oil pressure</li> <li>• engine air restriction</li> <li>• battery voltage</li> <li>• transmission filter restriction</li> <li>• brake pressure</li> <li>• hydraulic oil filter</li> <li>• transmission fault</li> <li>• hydraulic oil temperature</li> </ul>	☒	☐
The monitor will have the diagnostic capability to test electrical switches in the cab without the use of special tools.	☒	☐
The JDLink Telematics system shall allow the owner to track specific operator performance and productivity (e.g. fuel consumed, idle time, ride control utilization) when Operator Security PINs are enabled and assigned.	☒	☐
<b>OPERATOR STATION</b>		
Unit shall be equipped with a Cab with ROPS/FOPS Level 1 protection, including A/C and heater and be multiplane isolation mounted for noise/vibration reduction	☒	☐
Automatic temperature controlled HVAC shall be standard	☒	☐
Orange colored 3' retractable seat belt shall be provided	☒	☐

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MOTOR VEHICLE – LOADER

**ITEM 1 – CURRENT MODEL YEAR, OR NEWER, JOHN DEERE 724P 4-WHEEL DRIVE LOADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>OPERATOR STATION (Cont'd)</b>		
Dual tilt steering wheel shall be standard for maximum operator comfort	<input checked="" type="checkbox"/>	<input type="checkbox"/>
3-point contact at all times at the front and rear of the loader and around the roof-line	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Standard AM/FM/Weather Band (WB) with remote auxiliary port	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front sun visor shall be pull down type	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The cab shall have continuous and unobstructed glass from roofline to floor.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cab shall come with premium high back seat which includes heat control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
A seat backrest extension will be standard	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heated seat with headrest and independent height and weight adjustment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Cab shall have a minimum of 1 cup holder, 1 cup/thermos holder with strap, personal cooler holder/storage, compartment for operator's manual, rubber floor mat and coat hook	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unit shall have separate 7 inch monitor which will act as rear view camera only.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unit shall have a 7" standard monitor.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>GENERAL</b>		
Unit shall be equipped with 23.5R25 1-Star L3 Radial tires with 3-piece rims	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Machine tipping load straight with Hi Lift Z-Bar linkage and 4.75 cubic yard bucket and no tire deflection, shall be at least 30,153 lbs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Machine full turn tipping load with high lift Z-bar linkage and 4.75 cubic yard pin on bucket with tire deflection shall be at least 23,724 lbs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Front tires shall be covered with fenders	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Easily accessible remote start battery terminals	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The counterweight shall be built-in	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unit will be provided with a rear hitch with locking pin	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Unit shall have an articulation locking bar	<input checked="" type="checkbox"/>	<input type="checkbox"/>

MOTOR VEHICLE - LOADER

**ITEM 1 - CURRENT MODEL YEAR, OR NEWER, JOHN DEERE 724P 4-WHEEL DRIVE LOADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>GENERAL (Cont'd)</b>		
Unit shall have vandal protection with lockable engine enclosures, right counterweight storage, filler access for radiator/fuel/DEF/hydraulic/transmission	<input checked="" type="checkbox"/>	<input type="checkbox"/>
The unit shall be provided with a loader boom service locking bar	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Loader shall have reinforced articulation joints with double tapered roller bearings	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fuel tank capacity shall be no less than 92.6 gallons (351 L) with ground-level fueling and lockable cap	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Operating weight with standard equipment, 4.75 cubic yard bucket with bolt-on edge, 23.5R25 tires, high Lift Linkage, ROPS cab, 175 lb. operator and full fuel tank shall be NO less than 44,058 lbs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Breakout force with 4.75 yard high lift linkage shall not be less than 35,155 lbs.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ground clearance under the loader shall be no less than 15.2" (386 mm)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Loader shall have height to hinge-pin (fully raised) no less than 14' 9"	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dump clearance 45° full height High Lift Linkage with 4.75 yard bucket not to be less than 10 ft. 7 in.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rated operating load 50% Full Turn tipping Load not less than 12,982 lbs. with High Lift Linkage.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Reach at 45° dump, 7 ft. clearance shall be no less than 6ft. 9 in with 4.75 cubic yard Bolt-on Edge bucket, high lift linkage	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>FRAMES AND STRUCTURES</b>		
Machine front frame shall be of a 4-plate design of four vertical plates extending from boom pivot pins reaching to the front axle to distribute boom loads on the axle.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Loader bucket bell crank linkage shall be fabricated of high strength steel	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>INCLUDED FEATURES</b>		
Automatic reversing fan drive with monitor adjustable 20 - 40 minute time increments	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Ride control, automatic with monitor adjustable speed settings	<input checked="" type="checkbox"/>	<input type="checkbox"/>
License plate bracket and light	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Hydraulic axle coolers	<input checked="" type="checkbox"/>	<input type="checkbox"/>

MOTOR VEHICLE – LOADER

**ITEM 1 – CURRENT MODEL YEAR, OR NEWER, JOHN DEERE 724P 4-WHEEL DRIVE LOADER, AS SPECIFIED OR EQUAL (CONT'D)**

	<u>COMPLIANCE</u>	
	<u>YES</u>	<u>NO</u>
<b>INCLUDED FEATURES (Cont'd)</b>		
Automatic differential lock with front and rear locking differential	<input checked="" type="checkbox"/>	<input type="checkbox"/>
High-lift loader linkage for additional 13.6" height to hinge pin, fully raised	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Electrical corrosion-prevention protection in corrosive environments	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Centrifugal cab fresh air and engine air intake pre-cleaner	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heated, or remote-adjustable heated, mirrors	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Environmental drains and oil sampling for the engine oil, transmission oil, hydraulic oil, and engine coolant.	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Heated/ventilated seat with headrest and independent height and weight adjustment	<input checked="" type="checkbox"/>	<input type="checkbox"/>
LED lighting	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Spare tire and rim assembly	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Dedicated rear view camera monitor	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Rear view camera and radar object detection with advanced vision system	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Five (5) speed forward, three (3) reverse lockup torque converter transmission	<input checked="" type="checkbox"/>	<input type="checkbox"/>
All 3rd function hydraulic functions all operable from the primary joystick controller	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine compartment light, and Cycle counter switch in cab	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Engine block heater	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Premium AM/FM/Weather Band (WB) with Bluetooth, Aux and USB Port	<input checked="" type="checkbox"/>	<input type="checkbox"/>
SMV installed (cannot be installed on rear grille)	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Throttle lock feature	<input checked="" type="checkbox"/>	<input type="checkbox"/>
<b>ACCESSORIES TO BE INCLUDED</b>		
One (1) 5 lb. Fire extinguisher	<input checked="" type="checkbox"/>	<input type="checkbox"/>
One (1) spare complete tire and rim assembly	<input checked="" type="checkbox"/>	<input type="checkbox"/>
One (1) complete set of all filters	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Five (5) gallons of recommended use hydraulic oil	<input checked="" type="checkbox"/>	<input type="checkbox"/>

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MOTOR VEHICLE – LOADER  
 ✓ **ITEM 1 – CURRENT MODEL YEAR, OR NEWER, JOHN DEERE 724P 4-WHEEL DRIVE LOADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**INCLUDED ATTACHMENTS**

- 4.75 cubic yard coupler bucket with edge
- 418 style JRB coupler factory installed
- JD Link machine monitoring system with five (5) year subscription

✓ **OPTIONS**

✓ **1A. Warranty Upgrade Package #1**

- Five (5) Year/60 Month/7,000 Hour Comprehensive Warranty
- Travel Time/Mileage included for the first year

✓ **1B. Warranty Upgrade Package #2**

- Seven (7) Year/84 Month/7,000 Hour Comprehensive Warranty
- Travel Time/Mileage included for the first year

✓ **1C. Preventative Maintenance Package**

- On site for 4,000 hours of service as per manufacturer’s guidelines
- all oils and filters to be removed by dealer.
- Oil analysis shall be included in all services

✓ **1D. Brush Bucket**

- Gem WLGR 4.5 yard grapple rake with 418 coupler ears, 114.75 inches W

✓ **1E. Two-Way Radio Power and Wiring Requirements for New Vehicles**

For the purpose of installing two-way radios into new County vehicles and equipment, the following power and wiring components shall be included:

1. #12 AWG RED wire connected to 12VDC Battery Source rated at 20 Amps.
2. #12 AWG BLACK wire connected to chassis ground.
3. #16 AWG YELLOW wire connected to 12VDC Ignition Sense rated at 5 Amps.

These wires shall be encased in plastic wire loom and routed from their source into the cab of the vehicle and secured in the vicinity of the operator. The wiring harness shall be clearly labeled “TWO-WAY RADIO”. The wires shall be unterminated. The 12VDC sources shall be protected from making contact with grounded metal surfaces.



MOTOR VEHICLE – LOADER

✓ **ITEM 1 – CURRENT MODEL YEAR, OR NEWER, JOHN DEERE 724P 4-WHEEL DRIVE LOADER, AS SPECIFIED OR EQUAL (CONT'D)**

COMPLIANCE  
YES                      NO

**OPTIONS (Cont'd)**

✓ **1F. Diagnostic Tools / Test Equipment**

Cummins Quickserv Unlimited Service plan, with renewals, shall be provided at no cost to the county for a period of five (5) years from the acceptance of the equipment

- |   |   |   |
|---|---|---|
| 1. Successful bidder may be required to supply between one (1) to three (3) complete sets of OEM test/diagnostic/ programming equipment (i.e. laptop, software, cabling, and adapters) and special tools required to perform the full range of diagnostic and maintenance actions necessary to maintain vehicle operability. This equipment will cover the vehicle chassis, engine, transmission, brakes, hydraulics, and all additional equipment (if applicable). | ☒ | ☐ |
| 2. All laptop computers will be of the newest available technology and have sufficient storage and memory to operate all required software.   | ☒ | ☐ |
| 3. Provide a list of all test/diagnostic/programming equipment and special tools being supplied at the time of bid.   | ☒ | ☐ |
| 4. All software installations and activations will be completed by the successful bidder at no cost to the County.  | ☒ | ☐ |
| 5. All software updates and renewal will be provided at no cost to the County for a period of five (5) years from the acceptance of the equipment.  | ☒ | ☐ |
| 6. All technical issues relating to test/diagnostic/programming equipment and special tools shall be resolved by the successful bidder at no cost to the County for a period of five (5) years from the acceptance of the equipment.  | ☒ | ☐ |
| 7. Training shall be provided on all items in this section at a County location.  | ☒ | ☐ |

✓ **1G. Installation of County Supplied Two Way Radio and Accessories**

Install is to include but not limited to antenna cable, mounts, speakers, brackets, etc. For the purpose of installing two-way radios into new County vehicles and equipment, the following power and wiring components shall be included:

1. #12 AWG RED wire connected to 12VDC Battery Source rated at 20 Amps.
2. #12 AWG BLACK wire connected to chassis ground.
3. #16 AWG YELLOW wire connected to 12VDC Ignition Sense rated at 5 Amps.

These wires shall be encased in plastic wire loom and routed from their source into the cab of the vehicle. The wiring harness shall be clearly labeled "TWO-WAY RADIO". The 12VDC sources shall be protected from making contact with grounded metal surfaces.

☒                      ☐

✓ **1H. Technical Support**

Technical Support is to be provided by factory authorized technical representatives and is to be the original November 2023 Manufacturer's industry standard technical presentation

Adopted on: November 1, 2023  
Official Resolution #: 2023001554

☒                      ☐

MOTOR VEHICLE – LOADER

**ITEM 1 – CURRENT MODEL YEAR, OR NEWER, JOHN DEERE 724P 4-WHEEL DRIVE LOADER, AS SPECIFIED OR EQUAL (CONT'D)**

**COMPLIANCE**  
**YES**                      **NO**

**OPTIONS (Cont'd)**

**1H. Technical Support**

The support provided shall be at the journeyman/equipment technician level and should address limited theory, fault diagnosis and repair pertaining specifically to the equipment supplied under this specification.

Technical support may be requested in the following areas:

1. Engine (cooling, fuel, ignition, lubrication systems) – 1 day at each location.
2. Transmission – 1 day at each location
3. Electrical – 1 day at each location
4. Brakes – 1 day at each location
5. Hydraulic system (dump body, spreader, snow plow) – 1 day at each location
6. Upfitter (dump body, sweeper, etc.) – 1 day at each location

A technical representative(s) shall be made available for a total of 180 training/support hours (anticipated to be scheduled in six (6) hour blocks). Shorter training days will be allowed only with consent of Vehicle Services. The total training hours will be required to be provided and no additional compensation will be considered. The actual time to be spent on each area will be by mutual agreement of the Vehicle Services Department and the successful bidder.

For the purposes of determining materials and other training costs, class size is anticipated to be comprised of six (6) to ten (10) Vehicle Services Department personnel. Actual class size will be determined by the Vehicle Services Department at the time the classes are scheduled.

Before the training is scheduled, Vehicle Services and the contractor will agree on the scope of the training, and the type and quantity of manuals, etc. that are necessary for proper coverage.

Technical Support for Vehicle Services may be provided at the following fleet maintenance facility location as scheduled by a Vehicle Services Department representative:

- a. Toms River, 152 Chestnut Street, Toms River, N.J. 08753 (Two (2) sessions will be provided at this location. One beginning at 7 am and another beginning at 1:30 pm)
- b. Manahawkin, 379 Haywood Road, Bldg. 109, Manahawkin, N.J. 08050

Technical Support for other Departments will be held at a location within Ocean County. The requesting Department will notify the successful bidder of the location.

Training at the successful bidder's site, rather than the designated locations, will be by mutual consent only.



MOTOR VEHICLE -- LOADER

ITEM 1 - CURRENT MODEL YEAR, OR NEWER, JOHN DEERE 724P 4-WHEEL DRIVE LOADER, AS SPECIFIED OR EQUAL (CONT'D)

COMPLIANCE  
YES                      NO

OPTIONS (Cont'd)

1H. Technical Support (Cont'd)

Technical support will be requested and scheduled on an as needed basis up to but not exceeding the 180 hours total during a period not to exceed twelve (12) months from the date of placing the last unit in service.