

State of West Virginia Request For Quotation Equipment

Procurement Folder: 427516

Document Description: Wildlife - 4WD compact tractor with mower and bucket

Procurement Type : Agency Master Agreement

Date Issued	Solicitation Closes		Solic	itation No	Version	Phase
2018-03-08	2018-03-29	ARFQ	0310	DNR1800000045	1	Draft

SUBMIT RESPONSES TO:			VENDOR
BID RESPONSE			Vendor Name, Address and Telephone
DIVISION OF NATURAL RESOURCES			BRIDGEPORT EQUIPMENT AND TOOL
PROPERTY & PROCUREMENT OFFICE			1504 OAKHURST DRIVE
324 4TH AVE			CHARLESTON, WV 25314
SOUTH CHARLESTON	WV	25303-1228	304-659-2917
US			

FOR INFORMATION CONTACT THE

James R Jones (304) 558-3397 james.r.jones@wv.gov

Signature X Wordh H. Sarelner FEIN # 34-1800484 DATE 3/28/2018

All offers subject to all terms and conditions contained in this solicitation

Date Printed: Mar 06, 2018 Solicitation Number: DNR1800000045 Page: 1

FORM ID : WV-PRC-ARFQ-001

INVOICE TO		SHIP TO		
DIVISION OF NATURAL RESOURCE DISTRICT III OFFICE	ΞS	DIVISION OF NATURAL RESOURCES STONEWALL JACKSON WILDLIFE MANAGEMENT AREA		
PO BOX 38		114 OLD GEORGETOWN RD		
FRENCH CREEK	WV26218	ROANOKE	WV 26447	
US		US		

Line	Commodity Line Description	Qty	Unit Issue	Unit Price	Total Price
1	Agricultural tractors	2.00000	EA	\$15145.00	\$30290.00

Commodity Code	Manufacturer	Model #	Spec	ification
25101901 J(OHN DEERE	1025R TRACTOR/60D	MOWER/120R LOADER	AS PER SPECIFICATION

Extended Description Item 3.1.1 Kubota BX2380, or equal

|--|

<u>Line</u> 1 Event Date 2018-03-15 **Event** Technical Questions deadline @ 9:00 AM EST

Date Printed: Mar 06, 2018 Solicitation Number: DNR1800000045 Page: 2 FORM ID: WV-PRC-ARFQ-001

	Document Phase	Document Description	Page 3
DNR1800000045	Draft	Wildlife - 4WD compact tractor with mower	of 3
		and bucket	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

DESIGNATED CONTACT: Vendor appoints the individual identified in this Section as the Contract Administrator and the initial point of contact for matters relating to this Contract.

RONALD A.	GARDNER	SALES	
(Name, Title)	RONALD A.	GARDNER	
(Printed Name a	nd Title)		
435 W. MYLES	S AVE. PE	NNSBORO, WV	26415
(Address)		•	
304-659-29	17 3	04-659-3276	j
(Phone Number)			
rgardner@bri	dgeportequ	ip.com	
(E-mail address)			

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that I have reviewed this Solicitation in its entirety; that I understand the requirements, terms and conditions, and other information contained herein; that this bid, offer or proposal constitutes an offer to the State that cannot be unilaterally withdrawn; that the product or service proposed meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise stated herein; that the Vendor accepts the terms and conditions contained in the Solicitation, unless otherwise stated herein; that I am submitting this bid, offer or proposal for review and consideration; that I am authorized by the vendor to execute and submit this bid, offer, or proposal, or any documents related thereto on vendor's behalf; that I am authorized to bind the vendor in a contractual relationship; and that to the best of my knowledge, the vendor has properly registered with any State agency that may require registration.

BRIDGEPORT EQUIPMENT AND TOOL
(Company)
Ronald A. GARDNER SALES (Authorized Signature) (Representative Name, Title)
(Authorized Signature) (Representative Name, Title)
RONALD A. GARDNER SALES
(Printed Name and Title of Authorized Representative)
3/26/2018
(Date)
304-659-2917 304-659-3276
(Phone Number) (Fax Number)

Exhibit A - Pricing Page
West Virginia Division of Natural Resources-Parks and Recreation Section
Open-End Contract for Compact Four Wheel Drive Tractor

Item	Description	Estimated Quantity	Unit Price	Extended Cost	
31.1	3.1.1 Kubota Model BX2380 with loader bucket, 2018 or current year tractor or equal.	71	00 1771	\$20.000	
	JOHN DEERE 1025R WITH LOADER AND MOWER		\$10140.00	77.77.77	

BRIDGEPORT EQUIPMENT AND TOOL

3/28/2018

West Virginia Division of Natural Resources-Wildlife Resources Section Compact Utility Tractor

SPECIFICATIONS

- 1. **PURPOSE AND SCOPE:** The West Virginia Division of Natural Resources is soliciting bids on behalf of to establish an open-end contract for compact tractors.
- **2. DEFINITIONS:** The terms listed below shall have the meanings assigned to them below. Additional definitions can be found in section 2 of the General Terms and Conditions.
 - **2.1** "Contract Item" or "Contract Items" means the list of items identified in Agency 3.1 below and on the Pricing Pages.
 - **2.2** "Pricing Pages" means the schedule of prices, estimated order quantity, and totals contained in wvOASIS or attached hereto as Exhibit A, and used to evaluate the Solicitation responses.
 - **2.3** "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the West Virginia Division of Natural Resources.
 - **2.4** "PTO Engine Horsepower" means the horsepower measured at the tractor's power take off.
 - 2.5 "Gross Engine Horsepower" means the rating which the engine manufacturer gives an engine as it relates to the engine's maximum output under ideal conditions.
 - **2.6** "Hydro-static Transmission" is a system in which power is generated and transmitted by pressurizing and releasing fluid through specialized pumps, also known as a "continuously variable transmission."
 - 2.7 "Open Center Hydraulic System" is a system that, when in neutral, connects all lines directly back to the reservoir, bypassing the pump and allowing a constant flow of oil without building up pressure.
 - **2.8** Mechanical Rear Differential Lock" is a device that locks both rear wheels together on a common shaft, forcing them to turn in unison.
 - 2.9 "Quick Attach Method" means an attachment front or interface that stays permanently attached to your primary machine, enabling you to quickly and easily connect other tools or accessories to the front of the tractor.
 - **2.10 "ROPS"** means rollover protection structure, intended to protect equipment operators and motorists from injuries caused by vehicle overturns or rollovers.

West Virginia Division of Natural Resources-Wildlife Resources Section Compact Utility Tractor

3. GENERAL REQUIREMENTS:

- 3.1 Contract Items and Mandatory Requirements: Vendor shall provide Agency with the Contract Items listed below on an open-end and continuing basis. Contract Items must meet or exceed the mandatory requirements as shown below.
 - 3.1.1 Kubota Model BX2380, 2018 or current year tractor, or equal.
 - **3.1.1.1** Must have a three (3) cylinder diesel engine.
 - **3.1.1.2** Must have a minimum twenty-three (23) gross engine horsepower.
 - **3.1.1.3** Must have a minimum sixteen (16) power take off (PTO) horsepower.
 - **3.1.1.4** Must have a hydrostatic transmission with infinite (2-range) forward and reverse.
 - 3.1.1.5 Must have an open center hydraulic system with a gear pump with a minimum of six (6) gallons per minute flow and one rear valve.
 - **3.1.1.6** Must have a category one (1) three-point hitch.
 - 3.1.1.7 Must have a four-wheel drive (mechanical front wheel drive) front axle.
 - **3.1.1.8** Must have power steering.
 - **3.1.1.9** Must have mechanical wet disc brakes.
 - 3.1.1.10 Must have mechanical rear differential lock.
 - **3.1.1.11** Must have a two-post foldable ROPS.
 - **3.1.1.12** Tractor must weigh a minimum of fourteen hundred (1,400) pounds with ROPS and without fluid in tires or other additional weights.
 - **3.1.1.13** Must have industrial type tires:
 - **3.1.1.13.1** Tires must be properly weighted with methanol.
 - **3.1.1.14** Must be equipped with a sixty (60) inch mower deck with "drive-over" suspended linkage and side discharge.

West Virginia Division of Natural Resources-Wildlife Resources Section Compact Utility Tractor

- **3.1.1.15** Must be equipped with a minimum six (6) gallon fuel tank.
- **3.1.1.16** Must be equipped with a front loader valve.
- **3.1.1.17** Must be equipped with a grill guard.
- **3.1.1.18** Must have a drawbar.
- **3.1.1.19** Must be Kubota LA344 2018 or current year loader and bucket or equal.
- **3.1.1.20** Height to pin must be a minimum of sixty (60) inches.
- 3.1.1.21 Clearance with dumped bucket must be a minimum of forty-eight (48) inches.
- **3.1.1.22** Dump reach must be a minimum of twenty-three (23) inches.
- **3.1.1.23** Dump angle must be a minimum of forty (40) degrees.
- **3.1.1.24** Breakout force must be a minimum of nine hundred (900) lbs.
- **3.1.1.25** Lift to full height at five hundred (500) mm must be a minimum of four hundred eighty (480) lbs.
- **3.1.1.26** Loader must have "quick attach" method.

4. CONTRACT AWARD:

- **4.1 Contract Award:** The Contract is intended to provide the Agency with a purchase price on all Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Items meeting the required specifications for the lowest overall total cost as shown on the Pricing Pages.
- **4.2 Pricing Pages:** Vendor should complete the Pricing Pages by entering a unit price for each item listed in the Pricing Page. Vendor should complete the Pricing Pages in their entirety as failure to do so may result in Vendor's bids being disqualified.

The Pricing Pages contain a list of the Contract Items and estimated purchase volume. The estimated purchase volume for each item represents the approximate volume of anticipated purchases only. No future use of the Contract or any individual item is guaranteed or implied.

West Virginia Division of Natural Resources-Wildlife Resources Section Compact Utility Tractor

Vendor should electronically enter the information into the Pricing Pages through wvOASIS, if available, or as an electronic document. In most cases, the Vendor can request an electronic copy of the Pricing Pages for bid purposes by sending an email request to the following address: James.R.Jones@wv.gov.

5. ORDERING AND PAYMENT:

- 5.1 Ordering: Vendor shall accept orders through wvOASIS, regular mail, facsimile, email, or any other written form of communication. Vendor may, but is not required to, accept on-line orders through a secure internet ordering portal/website. If Vendor has the ability to accept on-line orders, it should include in its response a brief description of how the Agency may utilize the on-line ordering system. Vendor shall ensure that its on-line ordering system is properly secured prior to processing Agency orders on-line.
- **5.2 Payment:** Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

6. DELIVERY AND RETURN:

6.1 Shipment and Delivery: Vendor shall ship the Contract Items immediately after being awarded this Contract and receiving a purchase order. Vendor shall deliver the Contract Items within ninety (90) calendar days after receiving a purchase order.

Contract Items must be delivered to Agency at any of the following addresses:

District 1 WV DNR 1110 Railroad Street Farmington, WV 26571

District 2 WV DNR 1 Depot Street Romney, WV 26757

District 3 WV DNR WV State Wildlife Center 163 Wildlife Road French Creek, WV 26218

West Virginia Division of Natural Resources-Wildlife Resources Section Compact Utility Tractor

District 4 WV DNR 2006 Robert C, Byrd Drive Beckley, WV 25801

District 5 WV DNR Forks of Coal State Natural Area 50 Rocky Branch Road Alum Creek, WV 25003

District 6 WV DNR 2311 Ohio Ave. Parkersburg, WV 26101

Stonewall Jackson WMA 114 Old Georgetown Road Roanoke, WV 26447

6.2 Late Delivery: The Section placing the order under this Contract must be notified in writing if orders will be delayed for any reason. Any delay in delivery that could cause harm to an Agency will be grounds for cancellation of the delayed order, and/or obtaining the items ordered from a third party.

Any Section seeking to obtain items from a third party under this provision must first obtain approval of the Chief Procurement Officer.

- 6.3 Delivery Payment/Risk of Loss: Standard order delivery shall be F.O.B. destination to the Agency's location. Vendor shall include the cost of standard order delivery charges in its bid pricing/discount and is not permitted to charge the Agency separately for such delivery. The Agency will pay delivery charges on all emergency orders provided that Vendor invoices those delivery costs as a separate charge with the original freight bill attached to the invoice.
- 6.4 Return of Unacceptable Items: If the Agency deems the Contract Items to be unacceptable, the Contract Items shall be returned to Vendor at Vendor's expense and with no restocking charge. Vendor shall either make arrangements for the return within five (5) days of being notified that items are unacceptable, or permit the Agency to arrange for the return and reimburse Agency for delivery expenses. If the original packaging cannot be utilized for the return, Vendor will supply the Agency with appropriate return packaging upon request. All returns of unacceptable items shall be F.O.B. the Agency's location. The returned product shall either be replaced, or the Agency shall receive a full credit or refund for the purchase price, at the

West Virginia Division of Natural Resources-Wildlife Resources Section Compact Utility Tractor

Agency's discretion.

6.5 Return Due to Agency Error: Items ordered in error by the Agency will be returned for credit within 30 days of receipt, F.O.B. Vendor's location. Vendor shall not charge a restocking fee if returned products are in a resalable condition. Items shall be deemed to be in a resalable condition if they are unused and in the original packaging. Any restocking fee for items not in a resalable condition shall be the lower of the Vendor's customary restocking fee or 5% of the total invoiced value of the returned items.

7. VENDOR DEFAULT:

- 7.1 The following shall be considered a vendor default under this Contract.
 - **7.1.1** Failure to provide Contract Items in accordance with the requirements contained herein.
 - **7.1.2** Failure to comply with other specifications and requirements contained herein.
 - **7.1.3** Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.
 - 7.1.4 Failure to remedy deficient performance upon request.
- 7.2 The following remedies shall be available to Agency upon default.
 - **7.2.1** Immediate cancellation of the Contract.
 - **7.2.2** Immediate cancellation of one or more release orders issued under this Contract.
 - **7.2.3** Any other remedies available in law or equity.

8. MISCELLANEOUS:

- **8.1 No Substitutions:** Vendor shall supply only Contract Items submitted in response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.
- **8.2 Vendor Supply:** Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.

West Virginia Division of Natural Resources-Wildlife Resources Section Compact Utility Tractor

- **8.3** Reports: Vendor shall provide quarterly reports and annual summaries to the Agency showing the Agency's items purchased, quantities of items purchased, and total dollar value of the items purchased. Vendor shall also provide reports, upon request, showing the items purchased during the term of this Contract, the quantity purchased for each of those items, and the total value of purchases for each of those items. Failure to supply such reports may be grounds for cancellation of this Contract.
- **8.4** Contract Manager: During its performance of this Contract, Vendor must designate and maintain a primary contract manager responsible for overseeing Vendor's responsibilities under this Contract. The Contract manager must be available during normal business hours to address any customer service or other issues related to this Contract. Vendor should list its Contract manager and his or her contact information below.

Contract Manager: RONALD A. GARDNER

Telephone Number: 304-659-2917

Fax Number: 304-659-3276

Email Address: rgardner@bridgeportequip.com

ADDENDUM ACKNOWLEDGEMENT FORM SOLICITATION NO.:

Instructions: Please acknowledge receipt of all addenda issued with this solicitation by completing this addendum acknowledgment form. Check the box next to each addendum received and sign below. Failure to acknowledge addenda may result in bid disqualification.

Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

Addendum Numbers Received: (Check the box next to each addendum rec	ceived)
☐ Addendum No. 1 ☐ Addendum No. 2 ☐ Addendum No. 3 ☐ Addendum No. 4 ☐ Addendum No. 5	☐ Addendum No. 6 ☐ Addendum No. 7 ☐ Addendum No. 8 ☐ Addendum No. 9 ☐ Addendum No. 10
I further understand that any verbal repres discussion held between Vendor's repres	ceipt of addenda may be cause for rejection of this bid. sentation made or assumed to be made during any oral sentatives and any state personnel is not binding. Only dded to the specifications by an official addendum is
Company	
Authorized Signature	
Date	
NOTE: This addendum acknowledgement processing.	nt should be submitted with the bid to expedite document

WV-10 Approved / Revised 09/15/17

State of West Virginia

VENDOR PREFERENCE CERTIFICATE

Certification and application is hereby made for Preference in accordance with **West Virginia Code**, §5A-3-37. (Does not apply to construction contracts). **West Virginia Code**, §5A-3-37, provides an opportunity for qualifying vendors to request (at the time of bid) preference for their residency status. Such preference is an evaluation method only and will be applied only to the cost bid in accordance with the **West Virginia Code**. This certificate for application is to be used to request such preference. The Purchasing Division will make the determination of the Vendor Preference, if applicable.

1.	Application is made for 2.5% vendor preference for the reason checked: Bidder is an individual resident vendor and has resided continuously in West Virginia, or bidder is a partnership, association or corporation resident vendor and has maintained its headquarters or principal place of business continuously in West Virginia, for four (4) years immediately preceding the date of this certification; or,
	Bidder is a resident vendor partnership, association, or corporation with at least eighty percent of ownership interest of bidder held by another entity that meets the applicable four year residency requirement; or ,
	Bidder is a nonresident vendor which has an affiliate or subsidiary which employs a minimum of one hundred state residents and which has maintained its headquarters or principal place of business within West Virginia continuously for the four (4) years immediately preceding the date of this certification; or ,
2.	Application is made for 2.5% vendor preference for the reason checked: Bidder is a resident vendor who certifies that, during the life of the contract, on average at least 75% of the employees working on the project being bid are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this bid; or,
3. X	Application is made for 2.5% vendor preference for the reason checked: Bidder is a nonresident vendor that employs a minimum of one hundred state residents, or a nonresident vendor which has an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia and employs a minimum of one hundred state residents, and for purposes of producing or distributing the commodities or completing the project which is the subject of the bidder's bid and continuously over the entire term of the project, on average at least seventy-five percent of the bidder's employees or the bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years and the vendor's bid; or,
4.	Application is made for 5% vendor preference for the reason checked: Bidder meets either the requirement of both subdivisions (1) and (2) or subdivision (1) and (3) as stated above; or,
5.	Application is made for 3.5% vendor preference who is a veteran for the reason checked: Bidder is an individual resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard and has resided in West Virginia continuously for the four years immediately preceding the date on which the bid is submitted; or,
6.	Application is made for 3.5% vendor preference who is a veteran for the reason checked: Bidder is a resident vendor who is a veteran of the United States armed forces, the reserves or the National Guard, if, for purposes of producing or distributing the commodities or completing the project which is the subject of the vendor's bid and continuously over the entire term of the project, on average at least seventy-five percent of the vendor's employees are residents of West Virginia who have resided in the state continuously for the two immediately preceding years.
7.	Application is made for preference as a non-resident small, women- and minority-owned business, in accordance with West Virginia Code §5A-3-59 and West Virginia Code of State Rules. Bidder has been or expects to be approved prior to contract award by the Purchasing Division as a certified small, women- and minority-owned business.
require or (b) a	understands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the ments for such preference, the Secretary may order the Director of Purchasing to: (a) rescind the contract or purchase order; ssess a penalty against such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to tracting agency or deducted from any unpaid balance on the contract or purchase order.
authorize the req	mission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and zes the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid uired business taxes, provided that such information does not contain the amounts of taxes paid nor any other information d by the Tax Commissioner to be confidential.
and if a	hereby certifies that this certificate is true and accurate in all respects; and that if a contract is issued to Bidder anything contained within this certificate changes during the term of the contract, Bidder will notify the Purchasision in writing immediately. BRIDGEPORT EQUIPMENT AND TOOL Signed: Signed:
Date:_	3/28/2018 Title: SALES

^{*}Check any combination of preference consideration(s) indicated above, which you are entitled to receive.

STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

CONSTRUCTION CONTRACTS: Under W. Va. Code § 5-22-1(i), the contracting public entity shall not award a construction contract to any bidder that is known to be in default on any monetary obligation owed to the state or a political subdivision of the state, including, but not limited to, obligations related to payroll taxes, property taxes, sales and use taxes, fire service fees, or other fines or fees.

ALL CONTRACTS: Under W. Va. Code §5A-3-10a, no contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and: (1) the debt owed is an amount greater than one thousand dollars in the aggregate; or (2) the debtor is in employer default.

EXCEPTION: The prohibition listed above does not apply where a vendor has contested any tax administered pursuant to chapter eleven of the W. Va. Code, workers' compensation premium, permit fee or environmental fee or assessment and the matter has not become final or where the vendor has entered into a payment plan or agreement and the vendor is not in default of any of the provisions of such plan or agreement.

DEFINITIONS:

"Debt" means any assessment, premium, penalty, fine, tax or other amount of money owed to the state or any of its political subdivisions because of a judgment, fine, permit violation, license assessment, defaulted workers' compensation premium, penalty or other assessment presently delinquent or due and required to be paid to the state or any of its political subdivisions, including any interest or additional penalties accrued thereon.

"Employer default" means having an outstanding balance or liability to the old fund or to the uninsured employers' fund or being in policy default, as defined in W. Va. Code § 23-2c-2, failure to maintain mandatory workers' compensation coverage, or failure to fully meet its obligations as a workers' compensation self-insured employer. An employer is not in employer default if it has entered into a repayment agreement with the Insurance Commissioner and remains in compliance with the obligations under the repayment agreement.

"Related party" means a party, whether an individual, corporation, partnership, association, limited liability company or any other form or business association or other entity whatsoever, related to any vendor by blood, marriage, ownership or contract through which the party has a relationship of ownership or other interest with the vendor so that the party will actually or by effect receive or control a portion of the benefit, profit or other consideration from performance of a vendor contract with the party receiving an amount that meets or exceed five percent of the total contract amount.

AFFIRMATION: By signing this form, the vendor's authorized signer affirms and acknowledges under penalty of law for false swearing (*W. Va. Code* §61-5-3) that: (1) for construction contracts, the vendor is not in default on any monetary obligation owed to the state or a political subdivision of the state, and (2) for all other contracts, that neither vendor nor any related party owe a debt as defined above and that neither vendor nor any related party are in employer default as defined above, unless the debt or employer default is permitted under the exception above.

WITNESS THE FOLLOWING SIGNATURE:

Pennsboro, WV 26415 My commission expires March 10, 2019

Vendor's Name: BRIDGEPORT EQUIPMENT A	
Authorized Signature: Roull A. San	2dner Date:
State of	
County of KitChie, to-wit:	
Taken, subscribed, and sworn to before me this	Zaay of, 20_18
My Commission expires	2019
APEIX SEAL OFFICIAL SEAL State Of West Virginia	NOTARY PUBLIC LEMMS DEUS
Kenna S Davis	Purchasing Affidavit (Revised 01/19/2018)

JOHN DEERE 1025R (2018)

ENGINE

Family

Manufacturer

Engine model

Engine power (gross)

Power take-off (PTO) power

Rated engine speed

Type

Injection pump type

Aspiration

Emissions compliance

Cylinders/displacement

Number of cylinders

Cylinder liners

Bore and stroke

Compression ratio

Lubrication

Cooling system

Air cleaner

Engine torque at rated speed

Fuel tank capacity

EYDXL1.27NS1 FYDXL1.27NS1

GYDXL1.27NS1

Yanmar

3TNV80F-NCJT

17.8 kW 23.9 hp 24.2 PS SAE J1995 rated

power

13.4 kW 18 hp

3200 rpm

Diesel

Indirect Injection

Natural

Final Tier 4

3 / 1.267 L 3 / 77.3 cu in.

Three

Cast-in-block

80x84 mm 3.15x3.31 in.

23.0:1

Pressurized

Water pump

Dual element with mechanical restriction

indicator

55.2 Nm 40.7 lb-ft

21.2 L 5.6 U.S. gal.

ELECTRICAL

Battery size 500 CCA

Alternator (12-V) 40 amp

Starter size 1.2 kW 1.6 hp

FUEL SYSTEM

Type Indirect Injection

Fuel consumption 5.8 L/hr 1.5 U.S. gal./hr

TRANSMISSION

Standard transmission; forward/reverse Hydrostatic - 2 range

Left-hand reverser No

Final drive Bull Gear

Brakes Wet disc (left-hand pedal)

Steering Power

Clutch, wet/dry N/A

Axle capacity ---

Front 612 kg 1349 lb

Rear 715 kg 1576 lb

Creeper No

Cruise control Standard

Differential lock Yes

HYDRAULICS

Type Open center

Pump rated output 24 L/min 6.3 gpm

Steering 10.8 L/min 2.8 gpm

Implement 13.2 L/min 3.5 gpm

Pump type Gear

Maximum operating pressure 137.9 bar 2000 psi

Draft control sensing Position control

Remote control valves available Two

3-POINT HITCH

Category Limited Category 1

Lift capacity, 24-in. behind link arms 309 kg 681 lb

POWER TAKE-OFF (PTO)

Standard Rear - 540 rpm Mid - 2100 rpm

Control Independent

Clutch Wet disc

Brake (for mid and rear PTO) Wet disc

FLUID CAPACITIES

Crankcase with filter 2.7 L 2.9 qt

Transmission and hydraulic system 3.7 gal. 14 L

FINAL DRIVE

Type Bull Gear

Differential lock Yes

OPERATOR STATION

Rollover protective structure Yes

Type Foldable

Platform - flat/straddle One-piece semi flat

Gear shift location - console/floor Left-hand side

CAB

Compliance

Visibility NA

Air conditioning, temperature differential NA

Doors

Noise rating NA

Seat equipment NA

DIMENSIONS

Wheelbase 145 cm 57.1 in.

Front axle clearance 195 mm 7.7 in.

Turning radius without brakes 2.25 m 7.4 ft

Limited slip differential No

Approximate shipping weight (open-station; cab) 655 kg 1444 lb

TIRES

Front R4 - 18x8.5-10

Rear R4 - 26x12-12

Front tread range 91.8 cm 36.1 in.