BRIDGEPORT EQUIPMENT AND TOOL 1504 OAKHURST DRIVE CHARLESTON, WV 25314

PHONE NUMBER: 304-659-2917

DATE: JANUARY 11, 2016

TO: WEST VIRGINIA PURCHASING DIVISION

01/11/16 15:34:21 W Purchasing Division

SEALED BID:

BUYER: GUY NISBET

SOLICITATION NUMBER: CRFQ 0310 DNR1600000021

BID OPENING DATE: 1/12/2016

BID OPENING TIME: 1:30PM

FAX NUMBER: 304-558-3970

PLEASE NOTE: BID ALSO HAS BEEN ENTERED IN OASIS.



Purchasing Divison 2019 Washington Street East Post Office Box 50130 Charleston, WV 25305-0130

State of West Virginia Request for Quotation 13 - Equipment

F	roc Folder: 145503		
	oc Description: Adden- roc Type: Central Purch	lum; Parks - Greenbrier River Trail - Utility Tractor ase Order	
Date Issued	Date Issued Solicitation Closes Solicitation No		Version
2015-12-30	2016-01-12 13:30:00	CRFQ 0310 DNR1600000021	2

BID RECEIVER LOCATION **BID CLERK** DEPARTMENT OF ADMINISTRATION **PURCHASING DIVISION** 2019 WASHINGTON ST E CHARLESTON wv 25305 US.

Vendor Name, Address and Telephone Number: BRIDGEPORT EQUIPMENT AND TOOL 1504 OAKHURST DRIVE CHARLESTON, WV 25315 304-659-2917

FOR INFORMATION CONTACT THE BUYER

Guy Nisbet (304) 558-2596 guy.i.nisbet@wv.gov

Signature X FEIN #
All offers subject to all terms and conditions contained in this solicitation

34-1800484

DATE 1/11/2016

Page: 1

FORM ID: WV-PRC-CRFQ-001

ADDITIONAL INFORMATION

Addendum

Addendum No.01 issued to publish and distribute the attached information to the vendor community.

Request for Quotation

The West Virginia Purchasing Division is soliciting bids on behalf of the agency, The West Virginia Division on Natural Resources (WVDR) for the Green River Trail to establish a contract for the "one-time" purchase of a diesel four (4) wheel drive utility tractor with mid-mount figil mower per the attached terms and conditions, specifications and bid requirements as attached.

PACICE TO COMPANY OF THE		Park Juli Park And			
SUPERINTENDENT		SUPERINTENDENT			
DIVISION OF NATURAL RESOURCES		DIVISION OF NATURAL	DIVISION OF NATURAL RESOURCES		
GREENBRIER RIVER TRAIL		WATOGA STATE PARK	WATOGA STATE PARK		
426 GUM COVE RD		4800 WATOGA PARK R	lD .		
BUCKEYE	WV24924-9118	MARLINTON	WV 24954-9550		
US		US			

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Agricultural tractors	1.00000	EA	\$80,848.00	\$80,848.00
				10030.0.00	400,040.00

Comm Code	Manufacturer	Specification	Model #
25101901	JOHN DEERE	AS PER SPECIFICATION	6105M
<u></u>	TRI- TECH MEG 11c	AS PER SPECIFICATION	TT-75-SF AND TT-102RF

Extended Description:

Utility tractor and flail mower per requirements in Section 3.1.

	Document Phase	Document Description	Page 3
DNR1600000021	Final	Parks - Greenbrier River Trail - Utility Tractor	of 3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

Exhibit A - Pricing Page

West Virginia Division of Natural Resources – Greenbrier River Trail Diesel Utility Tractor

Item No.	Description	Manufacturer and Model	Unit of Measure	Unit Price	Qty	Extended Price
3.1.1	Diesel Utility Tractor with Mid-Mount Flail mower per specifications.	JOHN DEERE 6105M - CAB TRACTOR - 4WD HEAT/AIR - POWERQUAD PLUS TRANSMISSION 16F/16R. TRI-TECH MFG. LLC - SIDE AND REAR FLAIL MODELS - TT-75 - SF / TT - 102 - RF	Each	\$80,848.00	I 1	\$80,848.00
	···	TOTAL BID AMOUNT:				\$80,848.00

Vendor should include manufacturer's literature documenting it meets the mandatory requirements stated in the specifications with Vendor's submitted bid response. This information may be required before award of contract Vendors should note the areas of the provided manufacturer's literature that adheres to the mandatory requirements outlined in the RFQ.

SOLICITATION NUMBER: CRFQ 0310 DNR1600000021 Addendum Number: No.01

The purpose of this addendum is to modify the solicitation identified as ("Solicitation") to reflect the change(s) identified and described below.

ſ	1	Modify bid opening date and time
I	J	Modify specifications of product or service being sought
[/	\tilde{I}_{ij}^{ij}	Attachment of vendor questions and responses
Į.	l	Attachment of pre-bid sign-in sheet
ĺ	!	Correction of error
[1	Other

Description of Modification to Solicitation:

Applicable Addendum Category:

Addendum issued to publish and distribute the attached documentation to the vendor community.

1. Vendor submitted question and Agency response.

No other Changes.

Additional Documentation: Documentation related to this Addendum (if any) has been included herewith as Attachment A and is specifically incorporated herein by reference.

Terms and Conditions:

- 1. All provisions of the Solicitation and other addenda not modified herein shall remain in full force and effect.
- 2. Vendor should acknowledge receipt of all addenda issued for this Solicitation by completing an Addendum Acknowledgment, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.

Revised 6/8/2012

JAN-11-2016 14:54 From:PENNSBORO ATV

13046593276

To: 13045583970

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ATTACHMENT A

Revised 5/8'2012

CRFQ DNR1600000021 Vendor submitted Questions and Agency responses 12/29/2015

- Q.1. Under the specification section 3.1.1.11 the section calls for a" power shift without clutch on the go. "is this the same as power shuttle transmission? Can you please clarify what you need for this section?
 - A.I. That specification is meant to require some type of transmission that uses clutchless shifting up and down through the forward gears only.

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.
AUGULUUIII.	114411111612	Kecciven:

(Check the box next to each addendum received)

[/	/1	Addendum No. 1]]	Addendum No. 6
[]	Addendum No. 2	[J	Addendum No. 7
[J	Addendum No. 3	ſ	1	Addendum No. 8
Į)	Addendum No. 4	C	1	Addendum No. 9
[]	Addendum No. 5	Į]	Addendum No. 10

I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.

BRIDGEPORT EQUIPMENT AND TOOL

Company

Authorized Signature

1/11/2016

Date

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

Revised 6/8/2012

To: 13045583970

INSTRUCTIONS TO VENDORS SUBMITTING BIDS

- 1. REVIEW DOCUMENTS THOROUGHLY: The attached documents contain a solicitation for bids. Please read these instructions and all documents attached in their entirety. These instructions provide critical information about requirements that if overlooked could lead to disqualification of a Vendor's bid. All bids must be submitted in accordance with the provisions contained in these instructions and the Solicitation. Failure to do so may result in disqualification of Vendor's bid.
- 2. MANDATORY TERMS: The Solicitation may contain mandatory provisions identified by the use of the words "must," "will," and "shall." Failure to comply with a mandatory term in the Solicitation will result in bid disqualification.

3. PREBID MEETING: The item identified below shall apply to this Solicitation.
A pre-bid meeting will not be held prior to bid opening
A NON-MANDATORY PRE-BID meeting will be held at the following place and time:
A MANDATORY PRE-BID meeting will be held at the following place and time:

All Vendors submitting a bid must attend the mandatory pre-bid meeting. Failure to attend the mandatory pre-bid meeting shall result in disqualification of the Vendor's bid. No one person attending the pre-bid meeting may represent more than one Vendor.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying attendance. The State will not accept any other form of proof or documentation to verify attendance. Any person attending the pre-bid meeting on behalf of a Vendor must list on the attendance sheet his or her name and the name of the Vendor he or she is representing.

Additionally, the person attending the pre-bid meeting should include the Vendor's E-Mail address, phone number, and Fax number on the attendance sheet. It is the Vendor's responsibility

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to locate the attendance sheet and provide the required information. Failure to complete the attendance sheet as required may result in disqualification of Vendor's bid.

All Vendors should arrive prior to the starting time for the pre-bid. Vendors who arrive after the starting time but prior to the end of the pre-bid will be permitted to sign in, but are charged with knowing all matters discussed at the pre-bid.

Questions submitted at least five business days prior to a scheduled pre-bid will be discussed at the pre-bid meeting if possible. Any discussions or answers to questions at the pre-bid meeting are preliminary in nature and are non-binding. Official and binding answers to questions will be published in a written addendum to the Solicitation prior to bid opening.

4. VENDOR OUESTION DEADLINE: Vendors may submit questions relating to this Solicitation to the Purchasing Division. Questions must be submitted in writing. All questions must be submitted on or before the date listed below and to the address listed below in order to be considered. A written response will be published in a Solicitation addendum if a response is possible and appropriate. Non-written discussions, conversations, or questions and answers regarding this Solicitation are preliminary in nature and are nonbinding.

Submitted e-mails should have solicitation number in the subject line.

Question Submission Deadline:

December 29th, 2015 10:00 AM. EST.

Submit Questions to: 2019 Washington Street, East **Guy Nisbet**

Charleston, WV 25305

Fax; (304) 558-4115 (Vendors should not use this fax number for bid submission)

Email:

Guy.L.Nisbet@WV.Gov

5. VERBAL COMMUNICATION: Any verbal communication between the Vendor and any State personnel is not binding, including verbal communication at the mandatory pre-bid conference. Only information issued in writing and added to the Solicitation by an official written addendum by the Purchasing Division is binding.

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6. BID SUBMISSION: All bids must be submitted electronically through wvOASIS or signed and delivered by the Vendor to the Purchasing Division at the address listed below on or before the date and time of the bid opening. Any bid received by the Purchasing Division staff is considered to be in the possession of the Purchasing Division and will not be returned for any reason. The Purchasing Division will not accept bids, modification of bids, or addendum acknowledgment forms via e-mail. Acceptable delivery methods include electronic submission via wvOASIS, hand delivery, delivery by courier, or facsimile.

The bid delivery address is: Department of Administration, Purchasing Division 2019 Washington Street East Charleston, WV 25305-0130

A bid that is not submitted electronically through wvOASIS should contain the information listed below on the face of the envelope or the bid may be rejected by the Purchasing Division.:

SEALED BID: BUYER: SOLICITATION NO.: **BID OPENING DATE: BID OPENING TIME:** FAX NUMBER:

In the event that Vendor is responding to a request for proposal, the Vendor shall submit one original technical and one original cost proposal plus _____ N/A ___ convenience copies of each to the Purchasing Division at the address shown above. Submission of a response to a request for proposal is not permitted in wvOASIS. Additionally, the Vendor should identify the bid type as either a technical or cost proposal on the face of each bid envelope submitted in response to a request for proposal as follows:

BID TYPE: (1	This only	applies to	CRFP)
Technical			
☐ Cost	•		

7. BID OPENING: Bids submitted in response to this Solicitation will be opened at the location identified below on the date and time listed below. Delivery of a bid after the bid opening date and time will result in bid disqualification. For purposes of this Solicitation, a bid is considered delivered when confirmation of delivery is provided by wvOASIS (in the case of electronic submission) or when the bid is time stamped by the official Purchasing Division time clock (in the case of hand delivery).

January 12th, 2016 at 1:30 PM.EST. Bid Opening Date and Time:

Bid Opening Location: Department of Administration, Purchasing Division 2019 Washington Street East Charleston, WV 25305-0130

- 8. ADDENDUM ACKNOWLEDGEMENT: Changes or revisions to this Solicitation will be made by an official written addendum issued by the Purchasing Division. Vendor should acknowledge receipt of all addenda issued with this Solicitation by completing an Addendum Acknowledgment Form, a copy of which is included herewith. Failure to acknowledge addenda may result in bid disqualification. The addendum acknowledgement should be submitted with the bid to expedite document processing.
- 9. BID FORMATTING: Vendor should type or electronically enter the information onto its bid to prevent errors in the evaluation. Failure to type or electronically enter the information may result in bid disqualification.
- 10. ALTERNATES: Any model, brand, or specification listed in this Solicitation establishes the acceptable level of quality only and is not intended to reflect a preference for, or in any way favor, a particular brand or vendor. Vendors may bid alternates to a listed model or brand provided that the alternate is at least equal to the model or brand and complies with the required specifications. The equality of any alternate being bid shall be determined by the State at its sole discretion. Any Vendor bidding an alternate model or brand should clearly identify the alternate items in its bid and should include manufacturer's specifications, industry literature, and/or any other relevant documentation demonstrating the equality of the alternate items. Failure to provide information for alternate items may be grounds for rejection of a Vendor's bid.
- 11. EXCEPTIONS AND CLARIFICATIONS: The Solicitation contains the specifications that shall form the basis of a contractual agreement. Vendor shall clearly mark any exceptions, clarifications, or other proposed modifications in its bid. Exceptions to, clarifications of, or modifications of a requirement or term and condition of the Solicitation may result in bid disqualification.
- 12. COMMUNICATION LIMITATIONS: In accordance with West Virginia Code of State Rules §148-1-6.6, communication with the State of West Virginia or any of its employees regarding this Solicitation during the solicitation, bid, evaluation or award periods, except through the Purchasing Division, is strictly prohibited without prior Purchasing Division approval. Purchasing Division approval for such communication is implied for all agency delegated and exempt purchases.
- 13. REGISTRATION: Prior to Contract award, the apparent successful Vendor must be properly registered with the West Virginia Purchasing Division and must have paid the \$125 fee, if applicable.
- 14. UNIT PRICE: Unit prices shall prevail in cases of a discrepancy in the Vendor's bid.
- 15. PREFERENCE: Vendor Preference may only be granted upon written request and only in accordance with the West Virginia Code § 5A-3-37 and the West Virginia Code of State Rules. A Vendor Preference Certificate form has been attached hereto to allow Vendor to apply for the preference. Vendor's failure to submit the Vendor Preference Certificate form with its bid will result in denial of Vendor Preference. Vendor Preference does not apply to construction projects.

To: 13045583970

- 16. SMALL, WOMEN-OWNED, OR MINORITY-OWNED BUSINESSES: For any solicitations publicly advertised for bid, in accordance with West Virginia Code §5A-3-37(a)(7) and W. Va. CSR § 148-22-9, any non-resident vendor certified as a small, womenowned, or minority-owned business under W. Va. CSR § 148-22-9 shall be provided the same preference made available to any resident vendor. Any non-resident small, women-owned, or minority-owned business must identify itself as such in writing, must submit that writing to the Purchasing Division with its bid, and must be properly certified under W. Va. CSR § 148-22-9 prior to contract award to receive the preferences made available to resident vendors. Preference for a non-resident small, women-owned, or minority owned business shall be applied in accordance with W. Va. CSR § 148-22-9.
- 17. WAIVER OF MINOR IRREGULARITIES: The Director reserves the right to waive minor irregularities in bids or specifications in accordance with West Virginia Code of State Rules § 148-1-4.6.
- 18. ELECTRONIC FILE ACCESS RESTRICTIONS: Vendor must ensure that its submission in wvOASIS can be accessed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately opened and/or viewed at the time of the bid opening (such as, encrypted files, password protected files, or incompatible files) to be blank or incomplete as context requires, and are therefore unacceptable. A vendor will not be permitted to unencrypt files, remove password protections, or resubmit documents after bid opening if those documents are required with the bid.
- 19. NON-RESPONSIBLE: The Purchasing Division Director reserves the right to reject the bid of any vendor as Non-Responsible in accordance with W. Va. Code of State Rules § 148-1-5.3, when the Director determines that the vendor submitting the bid does not have the capability to fully perform, or lacks the integrity and reliability to assure good-faith performance."
- 20. ACCEPTANCE/REJECTION: The State may accept or reject any bid in whole, or in part in accordance with W. Va. Code of State Rules § 148-1-4.5. and § 148-1-6.4.b."
- 21. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bid/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret." "private," or labeled with any other claim against public disclosure of the documents, to

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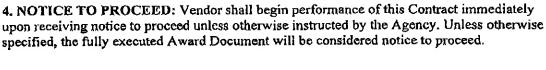
include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

GENERAL TERMS AND CONDITIONS:

- 1. CONTRACTUAL AGREEMENT: Issuance of a Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid signifies Vendor's agreement to be bound by and accept the terms and conditions contained in this Contract.
- 2. DEFINITIONS: As used in this Solicitation/Contract, the following terms shall have the meanings attributed to them below. Additional definitions may be found in the specifications included with this Solicitation/Contract.
- 2.1. "Agency" or "Agencies" means the agency, board, commission, or other entity of the State of West Virginia that is identified on the first page of the Solicitation or any other public entity seeking to procure goods or services under this Contract.
- 2.2. "Bid" or "Proposal" means the vendors submitted response to this solicitation.
- 2.3. "Contract" means the binding agreement that is entered into between the State and the Vendor to provide the goods or services requested in the Solicitation.
- 2.4. "Director" means the Director of the West Virginia Department of Administration, Purchasing Division.
- 2.5. "Purchasing Division" means the West Virginia Department of Administration, Purchasing Division.
- 2.6. "Award Document" means the document signed by the Agency and the Purchasing Division, and approved as to form by the Attorney General, that identifies the Vendor as the contract holder.
- 2.7. "Solicitation" means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.
- 2.8. "State" means the State of West Virginia and/or any of its agencies, commissions, boards, etc. as context requires.
- 2.9. "Vendor" or "Vendors" means any entity submitting a bid in response to the Solicitation, the entity that has been selected as the lowest responsible bidder, or the entity that has been awarded the Contract as context requires.

3. CONTRACT TERM; RENEWAL; EXTENSION: The term of this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below:
☐ Term Contract
Initial Contract Term: This Contract becomes effective on and extends for a period of year(s). Renewal Term: This Contract may be renewed upon the mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any request for renewal should be submitted to the Purchasing Division thirty (30) days prior to the expiration date of the initial contract term or appropriate renewal term. A Contract renewal shall be in accordance with the terms and conditions of the original contract. Renewal of this Contract is limited to successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed months in total. Automatic renewal of this Contract is prohibited. Notwithstanding the foregoing, Purchasing Division approval is not required on agency delegated or exempt purchases. Attorney General approval may be required for vendor terms and conditions.
Delivery Order Limitations: In the event that this contract permits delivery orders, a delivery order may only be issued during the time this Contract is in effect. Any delivery order issued within one year of the expiration of this Contract shall be effective for one year from the date the delivery order is issued. No delivery order may be extended beyond one year after this Contract has expired.
Fixed Period Contract: This Contract becomes effective upon Vendor's receipt of the notice to proceed and must be completed within days.
Fixed Period Contract with Renewals: This Contract becomes effective upon Vendor's receipt of the notice to proceed and part of the Contract more fully described in the attached specifications must be completed within days.
Upon completion, the vendor agrees that maintenance, monitoring, or warranty services will be provided for one year thereafter with an additional successive one year renewal periods or multiple renewal periods of less than one year provided that the multiple renewal periods do not exceed months in total. Automatic renewal of this Contract is prohibited.
One Time Purchase: The term of this Contract shall run from the issuance of the Award Document until all of the goods contracted for have been delivered, but in no event will this Contract extend for more than one fiscal year.
Other: See attached.
Revised 10/27/2015

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- 5. QUANTITIES: The quantities required under this Contract shall be determined in accordance with the category that has been identified as applicable to this Contract below. Open End Contract: Quantities listed in this Solicitation are approximations only, based on estimates supplied by the Agency. It is understood and agreed that the Contract shall cover the quantities actually ordered for delivery during the term of the Contract, whether more or less than the quantities shown. Service: The scope of the service to be provided will be more clearly defined in the specifications included herewith. Combined Service and Goods: The scope of the service and deliverable goods to be provided will be more clearly defined in the specifications included herewith. [7] One Time Purchase: This Contract is for the purchase of a set quantity of goods that are identified in the specifications included herewith. Once those items have been delivered, no additional goods may be procured under this Contract without an appropriate change order approved by the Vendor, Agency, Purchasing Division, and Attorney General's office. 6. PRICING: The pricing set forth herein is firm for the life of the Contract, unless specified elsewhere within this Solicitation/Contract by the State. A Vendor's inclusion of price adjustment provisions in its bid, without an express authorization from the State in the Solicitation to do so, may result in bid disqualification. 7. EMERGENCY PURCHASES: The Purchasing Division Director may authorize the Agency to purchase goods or services in the open market that Vendor would otherwise provide under this Contract if those goods or services are for immediate or expedited delivery in an emergency. Emergencies shall include, but are not limited to, delays in transportation or an unanticipated increase in the volume of work. An emergency purchase in the open market, approved by the Purchasing Division Director, shall not constitute of breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not
- excuse the State from fulfilling its obligations under a One Time Purchase contract.
- 8. REQUIRED DOCUMENTS: All of the items checked below must be provided to the Purchasing Division by the Vendor as specified below.

☐ BID BOND	: All Vendors s	hall furnish a l	oid bond in the	amount of five	percent (5%)	of the
total amount o	f the bid protect	ing the State o	f West Virginia.	. The bid bond	must be subm	itted
with the bid.						

PERFORMANCE BOND: The apparent successful Vendor shall provide a performance bond in the amount of The performance bond must be received by the Purchasing Division prior to Contract award. On construction contracts, the performance bond must be 100% of the Contract value.			
LABOR/MATERIAL PAYMENT BOND: The apparent successful Vendor shall provide a labor/material payment bond in the amount of 100% of the Contract value. The labor/material payment bond must be delivered to the Purchasing Division prior to Contract award. In lieu of the Bid Bond, Performance Bond, and Labor/Material Payment Bond, the Vendor may provide certified checks, cashier's checks, or irrevocable letters of credit. Any certified check, cashier's check, or irrevocable letter of credit provided in lieu of a bond must be of the same amount and delivered on the same schedule as the bond it replaces. A letter of credit submitted in lieu of a performance and labor/material payment bond will only be allowed for projects under \$100,000. Personal or business checks are not acceptable.			
☐ MAINTENANCE BOND: The apparent successful Vendor shall provide a two (2) year maintenance bond covering the roofing system. The maintenance bond must be issued and delivered to the Purchasing Division prior to Contract award.			
INSURANCE: The apparent successful Vendor shall furnish proof of the following insurance prior to Contract award and shall list the state as a certificate holder:			
Commercial General Liability Insurance: In the amount of or more.			
Builders Risk Insurance: In an amount equal to 100% of the amount of the Contract.			

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The apparent successful Vendor shall also furnish proof of any additional insurance requirements contained in the specifications prior to Contract award regardless of whether or not that insurance requirement is listed above.
LICENSE(S) / CERTIFICATIONS / PERMITS: In addition to anything required under the Section entitled Licensing, of the General Terms and Conditions, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits prior to Contract award, in a form acceptable to the Purchasing Division.
The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications prior to Contract award regardless of whether or not that requirement is listed above.
9. WORKERS' COMPENSATION INSURANCE: The apparent successful Vendor shall comply with laws relating to workers compensation, shall maintain workers' compensation insurance when required, and shall furnish proof of workers' compensation insurance upon request.
10. LITIGATION BOND: The Director reserves the right to require any Vendor that files a protest of an award to submit a litigation bond in the amount equal to one percent of the lowest bid submitted or \$5,000, whichever is greater. The entire amount of the bond shall be forfeited if the hearing officer determines that the protest was filed for frivolous or improper purpose, including but not limited to, the purpose of harassing, causing unnecessary delay, or needless expense for the Agency. All litigation bonds shall be made payable to the Purchasing Division. In lieu of a bond, the protester may submit a cashier's check or certified check payable to the Purchasing Division. Cashier's or certified checks will be deposited with and held by the State Treasurer's office. If it is determined that the protest has not been filed for frivolous or improper purpose, the bond or deposit shall be returned in its entirety.
11. LIQUIDATED DAMAGES: Vendor shall pay liquidated damages in the amount of
for
This clause shall in no way be considered exclusive and shall not limit the State or Agency's right to pursue any other available remedy.

To: 13045583970

- 12. ACCEPTANCE: Vendor's signature on its bid, or on the certification and signature page, constitutes an offer to the State that cannot be unilaterally withdrawn, signifies that the product or service proposed by vendor meets the mandatory requirements contained in the Solicitation for that product or service, unless otherwise indicated, and signifies acceptance of the terms and conditions contained in the Solicitation unless otherwise indicated.
- 13. FUNDING: This Contract shall continue for the term stated herein, contingent upon funds being appropriated by the Legislature or otherwise being made available. In the event funds are not appropriated or otherwise made available, this Contract becomes void and of no effect beginning on July 1 of the fiscal year for which funding has not been appropriated or otherwise made available.
- 14. PAYMENT: Payment in advance is prohibited under this Contract. Payment may only be made after the delivery and acceptance of goods or services. The Vendor shall submit invoices, in arrears.
- 15. TAXES: The Vendor shall pay any applicable sales, use, personal property or any other taxes arising out of this Contract and the transactions contemplated thereby. The State of West Virginia is exempt from federal and state taxes and will not pay or reimburse such taxes.
- 16. CANCELLATION: The Purchasing Division Director reserves the right to cancel this Contract immediately upon written notice to the vendor if the materials or workmanship supplied do not conform to the specifications contained in the Contract. The Purchasing Division Director may also cancel any purchase or Contract upon 30 days written notice to the Vendor in accordance with West Virginia Code of State Rules §§ 148-1-6.1.e.
- 17. TIME: Time is of the essence with regard to all matters of time and performance in this Contract.
- 18. APPLICABLE LAW: This Contract is governed by and interpreted under West Virginia law without giving effect to its choice of law principles. Any information provided in specification manuals, or any other source, verbal or written, which contradicts or violates the West Virginia Constitution, West Virginia Code or West Virginia Code of State Rules is void and of no effect.
- 19. COMPLIANCE: Vendor shall comply with all applicable federal, state, and local laws, regulations and ordinances. By submitting a bid, Vendor acknowledges that it has reviewed, understands, and will comply with all applicable laws, regulations, and ordinances.
- 20. PREVAILING WAGE: Vendor shall be responsible for ensuring compliance with prevailing wage requirements and determining when prevailing wage requirements are applicable.
- 21. ARBITRATION: Any references made to arbitration contained in this Contract, Vendor's bid, or in any American Institute of Architects documents pertaining to this Contract are hereby deleted, void, and of no effect.

- 22. MODIFICATIONS: This writing is the parties' final expression of intent. Notwithstanding anything contained in this Contract to the contrary no modification of this Contract shall be binding without mutual written consent of the Agency, and the Vendor, with approval of the Purchasing Division and the Attorney General's office (Attorney General approval is as to form only). Any change to existing contracts that adds work or changes contract cost, and were not included in the original contract, must be approved by the Purchasing Division and the Attorney General's Office (as to form) prior to the implementation of the change or commencement of work affected by the change.
- 23. WAIVER: The failure of either party to insist upon a strict performance of any of the terms or provision of this Contract, or to exercise any option, right, or remedy herein contained, shall not be construed as a waiver or a relinquishment for the future of such term, provision, option, right, or remedy, but the same shall continue in full force and effect. Any waiver must be expressly stated in writing and signed by the waiving party.
- 24. SUBSEQUENT FORMS: The terms and conditions contained in this Contract shall supersede any and all subsequent terms and conditions which may appear on any form documents submitted by Vendor to the Agency or Purchasing Division such as price lists, order forms, invoices, sales agreements, or maintenance agreements, and includes internet websites or other electronic documents. Acceptance or use of Vendor's forms does not constitute acceptance of the terms and conditions contained thereon.
- 25. ASSIGNMENT: Neither this Contract nor any monies due, or to become due hereunder, may be assigned by the Vendor without the express written consent of the Agency, the Purchasing Division, the Attorney General's office (as to form only), and any other government agency or office that may be required to approve such assignments. Notwithstanding the foregoing, Purchasing Division approval may or may not be required on certain agency delegated or exempt purchases.
- 26. WARRANTY: The Vendor expressly warrants that the goods and/or services covered by this Contract will: (a) conform to the specifications, drawings, samples, or other description furnished or specified by the Agency; (b) be merchantable and fit for the purpose intended; and (c) be free from defect in material and workmanship.
- 27. STATE EMPLOYEES: State employees are not permitted to utilize this Contract for personal use and the Vendor is prohibited from permitting or facilitating the same.
- 28. BANKRUPTCY: In the event the Vendor files for bankruptcy protection, the State of West Virginia may deem this Contract null and void, and terminate this Contract without notice.

- 29. PRIVACY, SECURITY, AND CONFIDENTIALITY: The Vendor agrees that it will not disclose to anyone, directly or indirectly, any such personally identifiable information or other confidential information gained from the Agency, unless the individual who is the subject of the information consents to the disclosure in writing or the disclosure is made pursuant to the Agency's policies, procedures, and rules. Vendor further agrees to comply with the Confidentiality Policies and Information Security Accountability Requirements, set forth in http://www.state.wv.us/admin/purchase/privacy/default.html.
- 30. YOUR SUBMISSION IS A PUBLIC DOCUMENT: Vendor's entire response to the Solicitation and the resulting Contract are public documents. As public documents, they will be disclosed to the public following the bld/proposal opening or award of the contract, as required by the competitive bidding laws of West Virginia Code §§ 5A-3-1 et seq., 5-22-1 et seq., and 5G-1-1 et seq. and the Freedom of Information Act West Virginia Code §§ 29B-1-1 et seq.

DO NOT SUBMIT MATERIAL YOU CONSIDER TO BE CONFIDENTIAL, A TRADE SECRET, OR OTHERWISE NOT SUBJECT TO PUBLIC DISCLOSURE.

Submission of any bid, proposal, or other document to the Purchasing Division constitutes your explicit consent to the subsequent public disclosure of the bid, proposal, or document. The Purchasing Division will disclose any document labeled "confidential," "proprietary," "trade secret," "private," or labeled with any other claim against public disclosure of the documents, to include any "trade secrets" as defined by West Virginia Code § 47-22-1 et seq. All submissions are subject to public disclosure without notice.

- 31. LICENSING: In accordance with West Virginia Code of State Rules § 148-1-6.1.e, Vendor must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agency or political subdivision. Upon request, the Vendor must provide all necessary releases to obtain information to enable the Purchasing Division Director or the Agency to verify that the Vendor is licensed and in good standing with the above entities.
- 32. ANTITRUST: In submitting a bid to, signing a contract with, or accepting a Award Document from any agency of the State of West Virginia, the Vendor agrees to convey, sell, assign, or transfer to the State of West Virginia all rights, title, and interest in and to all causes of action it may now or hereafter acquire under the antitrust laws of the United States and the State of West Virginia for price fixing and/or unreasonable restraints of trade relating to the particular commodities or services purchased or acquired by the State of West Virginia. Such assignment shall be made and become effective at the time the purchasing agency tenders the initial payment to Vendor.

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33. VENDOR CERTIFICATIONS: By signing its bid or entering into this Contract, Vendor certifies (1) that its bid or offer was made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership, person or entity submitting a bid or offer for the same material, supplies, equipment or services; (2) that its bid or offer is in all respects fair and without collusion or fraud; (3) that this Contract is accepted or entered into without any prior understanding, agreement, or connection to any other entity that could be considered a violation of law; and (4) that it has reviewed this Solicitation in its entirety; understands the requirements, terms and conditions, and other information contained herein.

Vendor's signature on its bid or offer also affirms that neither it nor its representatives have any interest, nor shall acquire any interest, direct or indirect, which would compromise the performance of its services hereunder. Any such interests shall be promptly presented in detail to the Agency. The individual signing this bid or offer on behalf of Vendor certifies that he or she is authorized by the Vendor to execute this bid or offer or any documents related thereto on Vendor's behalf; that he or she is authorized to bind the Vendor in a contractual relationship; and that, to the best of his or her knowledge, the Vendor has properly registered with any State agency that may require registration.

34. PURCHASING CARD ACCEPTANCE: The State of West Virginia currently utilizes a Purchasing Card program, administered under contract by a banking institution, to process payment for goods and services. The Vendor must accept the State of West Virginia's Purchasing Card for payment of all orders under this Contract unless the box below is checked.

☐ Vendor is not required to accept th	e State of West	Virginia's	Purchasing	Card as
payment for all goods and services.				

35. VENDOR RELATIONSHIP: The relationship of the Vendor to the State shall be that of an independent contractor and no principal-agent relationship or employer-employee relationship is contemplated or created by this Contract. The Vendor as an independent contractor is solely liable for the acts and omissions of its employees and agents. Vendor shall be responsible for selecting, supervising, and compensating any and all individuals employed pursuant to the terms of this Solicitation and resulting contract. Neither the Vendor, nor any employees or subcontractors of the Vendor, shall be deemed to be employees of the State for any purpose whatsoever. Vendor shall be exclusively responsible for payment of employees and contractors for all wages and salaries, taxes, withholding payments, penalties, fees, fringe benefits, professional liability insurance premiums, contributions to insurance and pension, or other deferred compensation plans, including but not limited to, Workers' Compensation and Social Security obligations, licensing fees, etc. and the filing of all necessary documents, forms, and returns pertinent to all of the foregoing.

Vendor shall hold harmless the State, and shall provide the State and Agency with a defense against any and all claims including, but not limited to, the foregoing payments, withholdings, contributions, taxes, Social Security taxes, and employer income tax returns.

- 36. INDEMNIFICATION: The Vendor agrees to indemnify, defend, and hold harmless the State and the Agency, their officers, and employees from and against: (1) Any claims or losses for services rendered by any subcontractor, person, or firm performing or supplying services, materials, or supplies in connection with the performance of the Contract; (2) Any claims or losses resulting to any person or entity injured or damaged by the Vendor, its officers, employees, or subcontractors by the publication, translation, reproduction, delivery, performance, use, or disposition of any data used under the Contract in a manner not authorized by the Contract, or by Federal or State statutes or regulations; and (3) Any failure of the Vendor, its officers, employees, or subcontractors to observe State and Federal laws including, but not limited to, labor and wage and hour laws.
- 37. PURCHASING AFFIDAVIT: In accordance with West Virginia Code § 5A-3-10a, all Vendors are required to sign, notarize, and submit the Purchasing Affidavit stating that neither the Vendor nor a related party owe a debt to the State in excess of \$1,000. The affidavit must be submitted prior to award, but should be submitted with the Vendor's bid. A copy of the Purchasing Affidavit is included herewith.
- 38. ADDITIONAL AGENCY AND LOCAL GOVERNMENT USE: This Contract may be utilized by other agencies, spending units, and political subdivisions of the State of West Virginia; county, municipal, and other local government bodies; and school districts ("Other Government Entities"). Any extension of this Contract to the aforementioned Other Government Entities must be on the same prices, terms, and conditions as those offered and agreed to in this Contract, provided that such extension is in compliance with the applicable laws, rules, and ordinances of the Other Government Entity. If the Vendor does not wish to extend the prices, terms, and conditions of its bid and subsequent contract to the Other Government Entities, the Vendor must clearly indicate such refusal in its bid. A refusal to extend this Contract to the Other Government Entities shall not impact or influence the award of this Contract in any manner.
- 39. CONFLICT OF INTEREST: Vendor, its officers or members or employees, shall not presently have or acquire an interest, direct or indirect, which would conflict with or compromise the performance of its obligations hereunder. Vendor shall periodically inquire of its officers, members and employees to ensure that a conflict of interest does not arise. Any conflict of interest discovered shall be promptly presented in detail to the Agency.
- 40. REPORTS: Vendor shall provide the Agency and/or the Purchasing Division with the following reports identified by a checked box below:

Such reports as the Agency and/or the Purchasing Division may request. Requested reports may include, but are not limited to, quantities purchased, agencies utilizing the contract, total contract expenditures by agency, etc.
Quarterly reports detailing the total quantity of purchases in units and dollars, along with a listing of purchases by agency. Quarterly reports should be delivered to the Purchasing Division via email at <u>purchasing.requisitions@wv.gov</u> .

To: 13045583970

41. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the Director of the Division of Protective Services shall require any service provider whose employees are regularly employed on the grounds or in the buildings of the Capitol complex or who have access to sensitive or critical information to submit to a fingerprint-based state and federal background inquiry through the state repository. The service provider is responsible for any costs associated with the fingerprint-based state and federal background inquiry.

After the contract for such services has been approved, but before any such employees are permitted to be on the grounds or in the buildings of the Capitol complex or have access to sensitive or critical information, the service provider shall submit a list of all persons who will be physically present and working at the Capitol complex to the Director of the Division of Protective Services for purposes of verifying compliance with this provision. The State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check.

Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

- 42. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:
 - a. "State Contract Project" means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001. b. "Steel Products" means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
 - c. The cost for each contract item used does not exceed one tenth of one percent (.1%) of the total contract cost or two thousand five hundred dollars (\$2,500.00), whichever is greater. For the purposes of this section, the cost is the value of the steel product as delivered to the project; or
 - d. The Director of the Purchasing Division determines that specified steel materials are not produced in the United States in sufficient quantity or otherwise are not reasonably available to meet contract requirements.

To:13045583970

43. PREFERENCE FOR USE OF DOMESTIC ALUMINUM, GLASS, AND STEEL: In Accordance with W. Va. Code § 5-19-1 et seq., and W. Va. CSR § 148-10-1 et seq., for every contract or subcontract, subject to the limitations contained herein, for the construction, reconstruction, alteration, repair, improvement or maintenance of public works or for the purchase of any item of machinery or equipment to be used at sites of public works, only domestic aluminum, glass or steel products shall be supplied unless the spending officer determines, in writing, after the receipt of offers or bids, (1) that the cost of domestic aluminum, glass or steel products is unreasonable or inconsistent with the public interest of the State of West Virginia, (2) that domestic aluminum, glass or steel products are not produced in sufficient quantities to meet the contract requirements, or (3) the available domestic aluminum, glass, or steel do not meet the contract specifications. This provision only applies to public works contracts awarded in an amount more than fifty thousand dollars (\$50,000) or public works contracts that require more than ten thousand pounds of steel products.

The cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than twenty percent (20%) of the bid or offered price for foreign made aluminum, glass, or steel products. If the domestic aluminum, glass or steel products to be supplied or produced in a "substantial labor surplus area", as defined by the United States Department of Labor, the cost of domestic aluminum, glass, or steel products may be unreasonable if the cost is more than thirty percent (30%) of the bid or offered price for foreign made aluminum, glass, or steel products. This preference shall be applied to an item of machinery or equipment, as indicated above, when the item is a single unit of equipment or machinery manufactured primarily of aluminum, glass or steel, is part of a public works contract and has the sole purpose or of being a permanent part of a single public works project. This provision does not apply to equipment or machinery purchased by a spending unit for use by that spending unit and not as part of a single public works project.

All bids and offers including domestic aluminum, glass or steel products that exceed bid or offer prices including foreign aluminum, glass or steel products after application of the preferences provided in this provision may be reduced to a price equal to or lower than the lowest bid or offer price for foreign aluminum, glass or steel products plus the applicable preference. If the reduced bid or offer prices are made in writing and supersede the prior bid or offer prices, all bids or offers, including the reduced bid or offer prices, will be reevaluated in accordance with this rule.

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REQUEST FOR QUOTATION West Virginia Division of Natural Resources – Greenbrier River Trail Four-Wheel Drive Diesel Utility Tractor

SPECIFICATIONS

- 1. PURPOSE AND SCOPE: The West Virginia Purchasing Division is soliciting bids on behalf of the agency The West Virginia Division of Natural Resources (WVDNR) for the Greenbrier River Tail to establish a contract for the one-time purchase of a four-wheel drive diesel utility tractor.
- 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" means tractor with flail mowers as more fully described by these specifications.
 - 2.2 "Flail" means a type of mowing equipment that uses cutting blades attached to a rotating horizontal drum.
 - 2.3 "Pricing Page" means the pages, contained in wvOASIS or attached as Exhibit A, upon which Vendor should list its proposed price for the Contract Items.
 - 2.4 "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.

3. GENERAL REQUIREMENTS:

- 3.1 Mandatory Contract Item Requirements: Contract Item must meet or exceed the mandatory requirements listed below:
 - 3.1.1 Diesel utility tractor with mid-mount side flail mower and rear power takeoff driven flail mower.
 - 3.1.1.1 Must have a minimum of eighty-five (85) gross engine horsepower (85 GPH) and seventy (70) power takeoff (70 PTO) horsepower.
 - 3.1.1.2 Must have a turbocharged engine;
 - 3.1.1.3 Must be four-wheel drive.
 - 3.1.1.4 Must have agriculture/Type R1 tires;

Must be equipped with a grill/hood guard.

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REQUEST FOR QUOTATION West Virginia Division of Natural Resources - Greenbrier River Trail Four-Wheel Drive Diesel Utility Tractor

3.1.1.5

3.1.1.6	Fuel tank must be protected from exposure to rocks, tree limbs, branches, etc.
3.1.1.7	Amber beacon light kit must be installed on the top
3.1.1.8	Must have a "slow moving vehicle" sign.
3.1.1.9	Must include a cab with two lockable doors, window wipers, heat and air conditioning.
3.1.1.10	Must have dual stackable mid-valve with joystick control to attach and operate the side flail mower.
3,1.1.11	Must have power shift without clutch on the go.
3.1.1.12	Must have a minimum seventy-four inch (74) right- side hydraulic flail mower with a minimum four (4) ounce knife/blade size.
3.1.1.13	Side mower shall consist of a mid-frame mounted to the tractor;
3.1.1.14	Flail cutters shall be driven by an oil motor which can be reversed.
3.1.1.15	Must have a manufacturer's auxiliary shaft driven hydraulic pump located on the front of the tractor.
3.1.1.16	Must have built in oil level sight glass in the tank;
3.1.1.17	Must include all necessary control valves and cylinders.

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West Virginia Division of Natural Resources - Greenbrier River Trail Four-Wheel Drive Diesel Utility Tractor

3.1.1.18	Must have minimum eighty-eight inch (88") rear mounted power take off (PTO) driven flail mower.
3.1.1.19	Drive train to mower shall have a spring type slip clutch.

Driveshaft from tractor to mower must be 3.1.1.20 enclosed.

CONTRACT AWARD:

- 4.1 Contract Award: The Contract is intended to provide Agencies with a purchase price for the 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 Page: Vendor should complete the Pricing Page by completing listing the Brand and Model of mower being quoted and the price per item which must include the delivery fee. Vendor should complete the Pricing Page in full as failure to complete the Pricing Page in its entirety may result in Vendor should provide any equipment Vendor's bid being disqualified. specifications with their submitted bid response. This information may be required before award of contract to confirm equipment meets Agency requirements.

Vendor should type or electronically enter the information into the Pricing Page to prevent errors in the evaluation.

Vendor's who wish to respond to a Centralized Request for Quotation (CRFQ) online may submit information through the State's wvOASIS Vendor Self Service (VSS). Vendors should download the Exhibit "A": Pricing Page that is attached separately to the CRFQ and published to the VSS. Vendors must complete this form with their pricing information and include it as an attachment to their online response.

If unable to respond online Vendor must submit the Exhibit "A" Pricing Pages in their entirety with your bid prior to the scheduled bid opening date and time.

REQUEST FOR QUOTATION West Virginia Division of Natural Resources - Greenbrier River Trail Four-Wheel Drive Diesel Utility Tractor

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4. PAYMENT:

5.1 Payment: Vendor shall accept payment in accordance with the payment procedures of the State of West Virginia.

5. DELIVERY AND RETURN:

Shipment and Delivery: Vendor shall ship the Contract Items within sixty (60) calendar days after receiving a purchase order. Contract Items must be delivered to Agency at:

> Watoga State Park 4800 Watoga Park Road Marlinton, WV 24954

Please contact the Greenbrier River Trail Superintendent at 304-520-7804 to schedule delivery.

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

Any Agency seeking to obtain the Contract Items from a third party under this provision must first obtain approval of the Purchasing Division.

- 6.3 Delivery Payment/Risk of Loss: Vendor shall deliver the Contract Items F.O.B. destination to the Agency's location.
- 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 All returns of Agency with appropriate return packaging upon request. 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 Agency's discretion.

REQUEST FOR QUOTATION West Virginia Division of Natural Resources - Greenbrier River Trail Four-Wheel Drive Diesel Utility Tractor

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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.

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WV-10 Approved / Revised 08/01/15

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.

	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 for four (4) years immediately preceding the date of this certification; 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 80% of the ownership interest of Bidder is held by another individual, partnership, association or corporation resident vendor who 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 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,
	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,
\Box	Application is made for 2.5% vendor preference for the reason checked: Bidder is a nonresident vendor employing a minimum of one hundred state residents or is a nonresident vendor with an affiliate or subsidiary which maintains its headquarters or principal place of business within West Virginia employing a minimum of one hundred state residents who certifies that, during the life of the contract, on average at least 75% of the employees or Bidder's affiliate's or subsidiary's employees are residents of West Virginia who have resided in the state continuously for the two years immediately preceding submission of this 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,
	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,
	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.
	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.
requiren	nderstands if the Secretary of Revenue determines that a Bidder receiving preference has failed to continue to meet the nents for such preference, the Secretary may order the Director of Purchasing to: (a) reject the bid; or (b) assess a penalty such Bidder in an amount not to exceed 5% of the bid amount and that such penalty will be paid to the contracting agency steed from any unpaid balance on the contract or purchase order.
authorize the requ	hission of this certificate, Bidder agrees to disclose any reasonably requested information to the Purchasing Division and the Department of Revenue to disclose to the Director of Purchasing appropriate information verifying that Bidder has paid fired business taxes, provided that such information does not contain the amounts of taxes paid nor any other information by the Tax Commissioner to be confidential.
and acc	enalty of law for false swearing (West Virginia Code, §61-5-3), Bidder hereby certifies that this certificate is true urate in all respects; and that if a contract is issued to Bidder and if anything contained within this certificate during the term of the contract, Bidder will notify the Purchasing Division in writing immediately.
Bidder:	BRIDGEPORT EQUIPMENT AND TOOL Signed: Jonel A. Gardner
Date:	1/11/2016 Title: SALES

To: 13045583970

STATE OF WEST VIRGINIA Purchasing Division

PURCHASING AFFIDAVIT

MANDATE: 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 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:

Vendor's Name: BRIDGEPORT EQUIPMENT	AND TOOL
Authorized Signature: Formula A. 2	Date: 1/11/2016
State of	
County of NITUIE, to-wit:	11
Taken, subscribed, and sworn to before me this _	1 day of
My Commission expires	2019
-AFFIX SEAL HERE	NOTARY PUBLIC SULLY S DOL'S
OFFICIAL SEAL	Purchasing Affidavit (Revised 08/01/2015
Notery Public, State Of West Virginia Kennu S Davis 108 Ray Ave	•

Pennstooro, WV 28415 My commission expires March 10, 2019

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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 rece	ived)		
Addendum No. 1	Addendum No. 6		
Addendum No. 2	Addendum No. 7		
Addendum No. 3	Addendum No. 8		
Addendum No. 4	Addendum No. 9		
Addendum No. 5	Addendum No. 10		
I understand that failure to confirm the receipt of addenda may be cause for rejection of this bid. I further understand that any verbal representation made or assumed to be made during any oral discussion held between Vendor's representatives and any state personnel is not binding. Only the information issued in writing and added to the specifications by an official addendum is binding.			
BRIDGEPORT EQUIPMENT AND TOOL			
Honold A. Gardne	√		
Authorized Signature			
1/11/2016			
Date			
NOTE: This addendum asknowledgement should be submitted with the hid to expedite			

NOTE: This addendum acknowledgement should be submitted with the bid to expedite document processing.

CERTIFICATIONAND SIGNATURE PAGE

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)

brdner RONALD A. GARDNER - SALES

(Authorized Signature) (Representative Name, Title)

304-659-2917 304-659-3276 1/11/2016

(Phone Number) (Fax Number) (Date)

Page 1 of 5

Product Specification for 6105M

Sales Manual

US / Canada

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Specifications

Specs | Compare Related Models | Compare All Models | Printer-Friendly Version | Export to Excel | Change Display Options

John Deere 6105M

Official Test

Nebraska Test number Nebraska OECD Tractor Test 2076 - Summary 892

Engine

Manufacturer John Deere 4.5L PowerTech PVX

Engine family —

Aspiration Variable Geometry Turbocharger with Intercooler and Cooled

Exhaust Gas

Cylinders/Displacement, cu. in. (L) 4.5 L 4/276 cu in.

4/2/6 CU in.

Cylinder Liners Wet

Fuel tank capacity, US Gal. (L) (Open; Cab) ---

Stendard 220 l. 58 U. S. gal.

Optional N/A

Underhood muffler Yes

Performance

 Advertised PTO hp (kW) @ Rated rpm
 64 @ 2100 per SAE kW

 86 @ 2100 per SAE PTO hp

Official PTO hp (kW) @ Rated rpm 55.49 @ 2101 per SAE kW 87.89 @ 2101 per SAE PTO hp

@ Standard PTO @ Eng rpm 96.86 (72,23) @ 1962 per SAE rpm

Maximum @ Eng rpm 99.07 (73.87) @ 1852 per SAE rpm

Advertised Engine hp (kW) @ Rated speed 78 @ 2100 per ISO 97/68/EC kW 105 @ 2100 per ISO 97/68/EC hp

-00 @ 2100 per 130 577 007 22 mp

 Max Unballast Drwbr hp (kW) @ Eng rpm
 57.30 @ 1850 per SAE kW

 90.25 @ 1850 per SAE hp

Maximum Torque (PTO) @ rpm, lb-ft (Nm)

333 @ 1401 lb-ft

Max Torque Rise (80% rtd spd) @ Eng rpm 38.0% @ 1681 rpm

Maximum Torque Rise % (PTO) @ Eng rpm 51.7% @ 1401 rpm

Product Specification for 6105M

Page 2 of 5

fuel Use, U.S. gal./hr & hp hr/gal. at:

21.37 hp hr/get. & 15.56 hp hr/gel. @ 2101 PTO @ Rated Eng rpm 5.65 & 15.56 @ 2101 U.S. gal./hr

21.93 hp hr/gal. & 3.29 hp hr/gal. @ 1962 Standard PTO Speed @ Eng speed 5.79 & 16.72 @ 1962 U.S. gal./hr

21.99 hp hr/gal. & 3.36 hp hr/gal. @ 1852 Maximum PTO Power @ Engrpm

5.81 & 17-05 @ 1852 U.S. gal./hr

21.50 hp hr/gal. & 2.85 hp hr/gal. @ 2100 Maximum Engine Power @ Eng rpm

5.68 & 14.45 @ 2100 U.S. gal./hr

22.10 hp hr/gal. & 3.05 hp hr/gal. @ 1850 Max Unballasted Drawbar Power @ Engrpm

5.83 & 15.47 @ 1850 U.S. gal./hr

18.85 hp hr/gal. & 2.56 hp hr/gal. @ 2194 75% Load, Full Engine rpm (Unballasted)

4.98 & 13.00 @ 2194 U.S. gel./hr

16.80 hp hr/gal. & 2.88 hp hr/gal. @ 1601 75% Load @ Reduced rpm (Unballasted)

4.44 & 14.61 @ 1601 U.S. gəl./hr

Transmission

PowrQuad PLUS 40K; 24F/24R (OOS - SyncroPlus 30K; 12F/4R) 5td. Transmission; Forward/Reverse

PowrQuad PLUS 30K; 16F/16R -- AutoQuad PLUS 40K; 24F/24R Opt, Transmission; Forward/Reverse

(OOS - PowrQuad 30K; 16F/15R -- PowrQuad 40K; 24F/24R)

Base LH Reverser

Yes On-the-Go Shifting (Yes/No/Partial)

Wet Clutch; Wet/Dry

Yes Creeper

Power Take-Off (PTO)

Independent 540/1000 RPM, 1 3/8 in. Standard

Independent 540 RPM Optional

540 @ 1967 PTO Speeds @ Engine / pm 1000 @ 1962

Electrohydraulic PTO Actuation

Hydraulics

Pressure Compensated (PC) System with Load Sensing Function Type

Pump Rated Output, GPM (L/min.)

80 L/min 21.1 gpm Standard

114 Vmin 30 gpm Optional

83.8 L/min Std. 45 cc Pump; 115.3 L/min Opt, 60 cc Pump L/min 22.2 U.S. gpm Std. 45 cc Pump; 30.5 U.S. gpm Opt. 60 cc Pump Rated Flow @ One SCV, GPM (Umin.)

B4.0 L/min Std. 45 cc Pump; 115.6 L/min Opt. 60 cc pump L/min Max Output @ SCV Couplers, GPM (L/min.)

22.2 U.S. gpm Std. 45 cc Pump; 30.5 U.S. gpm Opt, 60 cc pump

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Page 3 of 5

Product Specification for 6105M

Maximum Operating Pressure, psi (kPa)

20000 kPa 2900 psi

Maximum Hydraulic Power, hp (kW)

25.9 Std. Pump and 33.8 Opt. Pump kW 34.8 Std. Pump and 45.4 Opt. Pump hp

Hitch Oraft Control Load Sense Type

Electrohydraulic

Remote Control Valves Available

Up to 3 rear mechanical
3 with power beyond, 3 mid-mount mechanical

Hitch Category (SAE Designation)

Category 3N/2

Hitch Lift Cap. Ib (kg) @24 in. Bhnd Lift Pt.

QECD

-

Standard

2131.21 - 2 x 70 mm lift cylinders per NE Test kg 4689 - 2 x 70

mm lift cylinders per NE Test Ib

Optional

2794.02 - 2 x 80 mm lift cylinders per NE Test kg 6152 - 2 x 80

rnm lift cylinders per NE Test Ib

Hitch Lift Cap. lb (kg) @24 in. 8hnd Lift Pt. (SAE)

5tenderd

Refer to Operator's Manual

Optional

Refer to Operator's Manual

Hitch Lift Cap. Ib (kg) @24 in. Bhnd Lift Pt. (ASAE)

Standard

Refer to Operator's Manual

Detional

Refer to Operator's Manual

Sensing type

Electronic Lower Link

Joystick SCV control

Mechanical

Final Drive

Туре

Inboard planetary three pinion

Differential controls

Electrohydraulic

Availability

allability

Front

Yes

Front & Rear

Yes

Engage On-the-Go Rear Differential Lock

. . . .

Axle Type

flange/Rack and pinion

Brakes, Type and Control

Hydraulic actuated oil cooled

Operator Station

Rollover Protective Structure, OO5

Yes

Rigid - Foldable - Telescopic

N/A

Page 4 of 5

Product	Specification	for	6105M
110000	Specification	TOY	AYA-14Y

Platform - Flat/Straddle

Gearshift Location - Console/Floor

Platform - Flat/Straddle

dB(A) Rating

Seat Suspension System

Doors

2WD Dimensions

Wheelbase, in. (mm)

Front Tread Range, in. (mm)

Rear Tread Range, in. (mm)

Minimum Rear Tread Setting, in. (mm)

Front Axle Clearance, in. (mm)
Yurning Radius w/Brakes, ft (m)

Turning Radius w/o Brakes, ft (m)

Unballasted Operating Weight, lb (kg)

Approx. Ship Wgt, Ib (kg) Open; Cab

MFWD Dimensions

Wheelbase, in. (mm)

Front Tread Range, in. (mm)

Front Axie Clearance, in. (mm)

Turning Radius w/Brakes, ft (m)

Turning Radius w/a Brakes, ft (m)

Limited Slip Differential

Unballasted Operating Weight, Ib (kg)

Approx. Ship Wgt, lb (kg) Open; Cab

4WD Dimensions

Wheelbase, in. (mm)

Wheel Tread, Min. to Max. in. (mm)

Yes

Transmission specific

2

N/A

66.6 dBA

Mechanical and Air Suspended

2580 mm 101.6 in.

202.01

TBD

TBD

TBD

TBD

TBD

TBD

TBD

2580 mm 101.6 in.

2015 mm 79,3 in.

520 mm 20.47 in.

Per tire size required, utilize Turn Radius Calculator Tool located

....

Per Tire Size required, utilize Turn Radius Calculator Tool located

in ASM

30 - 45 percent

5008 kg 11040 lb

N/A

N/A

593276 To:13045583970

Product Specification for 6105M

Page 5 of 5

Turning Radius w/o Brakes, ft (m) N/A

Nebraska Test Unballasted w/Duals, lb (kg) N/A

Unballasted Weight, lb (kg) N/A

Standard Tires

2WD

Frant 10.00-16 in. 10PR F2 Bias

Rear 460/85R34 in. 147A8 R1W Radial

MFWD

Front 380/85R24 in. 131A8 R1W Radial

Rear 460/85R34 in. 147 A8 R1W Radial

4WD

Track widths N/A

Miscellaneous

Country of Manufacture Mannheim, Germany

Ballasting Restrictions, ib (kg) Refer to Operator's Manual

*Notes Updated - 03/28/2014

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JAN-11-2016 15:01 From: PENNSBORO ATV Common transmission features

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Common transmission features

Print

John Deera transmissions family combine power-saving technology with well-proven design features to ensure:

- Reliability
- High efficiency
- a Low noise
- u Convenient operation
- b Low service costs

For 6M Series Open Operator Station (OOS) Tractors, the following basic transmissions are available:

Transmission	Speed	6105M	6112M	6125M	6140M	6150M
SyncroPh ₅ ~	30 km/h (19 mph)	12/4	12/4	12/4	12/4	Not applicable
PowrReverser**	30 km/h (19 mph)	16/16	16/16	16/16	16/16	Not applicable
PowrQuad***	30 km/h (19 mph)	16/16	16/16	16/18	16/16	Not applicable
PowrQuad	40 km/h (35 mph)	24/24	24/24	24/24	24/24	20/20

- s SyncroPlus 12 forward/4 reverse (12/4) transmission fully synchronized transmission, 30 km/h
- PowerReverser 16/16 transmission with mechanical power left-hand reverser-fully synchronized transmission 30 km/h (19 mph)
- PowrQuad transmissions-fully synchronized ranges with four powershiftable speeds in each range and a mechanical left-hand reverser

16F/16R - 30 km/h (19 mph) 24F/24R - 40 km/h (25 mph)

20F/20R - 40 km/h (25 mph) (only for 6150M OOS)

For 6M Cab-Tractors following transmissions are available:

Transmission	Speed	6105M	6215M	6 125M	614QM	6150M	6170M
PowrQuad PLUS	30 km/h (19 mph)	16/16	16/16	16/16	16/16	16/16	16/16
PawrQuad PLUS	40 km/h (25 mph)	24/24	24/24	24/24	24/24	20/20	20/20
AutoQuad™ PLU5	40 km/h (25 mph)	24/24	24/24	24/24	34/34	20/20	20/20

- PowrQuad PLUS 16/16, 30 km/h (19 mph)
- © PowrQued PLUS 20/20 or 24/24, 40 km/h (19 or 25 mph)
- AutoQuad PLUS 20/20 or 24/24, 40 km/h (25 mph)

PowrQuad transmission

Modular concept

The full frame is designed to withstand heavy load and twisting applications, which allows the transmission and angine to be modulary designed instead of being an integral part of the frame.

Since the transmission is not used as a structural member, there is greater flexibility in manufacturing processes for integrating options such as a creeper or mechanical

Page 2 of 2

Common transmission features

front-wheel drive (MFWD).

- Differential housing
- 2. Range module
- 3. Option module (creeper)
- 4. PowrQuad module (or PowrReverser and PermaClutch 2")
- 5. MFWD clutch module
- 6. Power take-off (PTO) module

PermaClutch 2

Three to five large clutch discs (dependent upon model) provide optimum clutch modulation for smooth operation, and the discs are oil-cooled for a lifetime of service. The PermaClutch 2 is especially suited to tough tractor applications, such as continuous front loader operations or other applications involving a large number of shuttle shifts

Helical cut gears

Helical cut gears

The helical cut gears provide large-tooth contact for greater torque-transmitting capability and quietar operation.

Pressure lubrication

The pressurized lubrication system delivers cooled and filtered oil under all conditions. A warning light alerts the operator if oil pressure drops, preventing damage to the transmission.

12F/4R SyncroPlus shown

Console shifting

All gear shift levers are conveniently located on the right-hand console on both cab and open operator station tractors. The easy-to-use shift pattern allows precise shifting without confusion.

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Transmission	Speed	6105M	6115M	6125M	6140M	6150M
SyncroPlus™	20 km/h (19 mph)	12/4	12/4	12/4	17/4	Not applicable
PowrReverser™	30 km/h (19 mph)	16/16	16/16	16/16	16/16	Not applicable
PowrQuad™	30 km/h (19 mph)	16/16	16/16	16/16	16/16	Not applicable
PowrQuad	40 km/h (25 mph)	26/24	24/24	24/24	24/24	20/20

- SyncroPlus 12 forward/4 reverse (12/4) transmission fully synchronized transmission, 30 km/h
 (19 mgh)
- b PowerReverser 16/16 transmission with mechanical power left-hand reverser-fully synchronized transmission 30 km/h (19 mph)
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20F/20R - 40 km/h (25 mph) (only for 6150M OOS)

For 6M Cab-Tractors following transmissions are available:

Transmission	Speed	6105M	6172W	6125M	6140M	6150M	61.70M
PowrQuad PLUS	30 km/h (19 mph)	16/16	16/16	16/16	16/16	16/16	16/16
PowrQuad PLUS	40 km/h (25 mph)	24/24	24/24	24/24	24/24	20/20	20/20
AutoQuad"~ PLUS	40 km/h (25 mph)	24/24	24/24	24/24	24/24	20/20	20/20

- e PowrQuad PLUS 16/16, 30 km/h (19 mph)
- * PowrQuad PLUS 20/20 or 24/24, 40 km/h (19 or 25 mph)
- AutoQuad PLUS 20/20 or 24/24, 40 km/h (25 mph)

PowrQuad transmission

Modular concept

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Common transmission features

Page 2 of 2

front-wheel drive (MFWD).

- 1. Differential housing
- 2. Range module
- 3. Option module (creeper)
- 4. PowrQuad module (or PowrReverser and PermaClutch 27)
- 5. MEWD dutch module
- 6. Power take-off (PTO) module

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Full-frame design

Page 1 of 1

Full-frame design

Print

Full-frame design

6M Tractors are based on three frame sizes and wheelbase:

6105M Open Operator Station, 6115M, 6125M	2580 mm	101.6 ln.
6140M and 6150M	2765 mm	108.9 in.
6170M (cab only)	2800 mm	110.3 in.

Strong steel frame has been a John Deere industry exclusive since 1992:

- c Unique solution achieves higher payloads without increasing tractor weight
- Bridge-type frame provides superior structural strength and allows compact modular construction of transmission units
- Full frame carries the load while the powertrain transmits engine power to the final drive
- All components have a dedicated function and are designed without compromise
- a Larger implements and heavier loads can be accommodated, resulting in higher levels of productivity

Improved serviceability

- Operators have less downtime and more uptime with quicker turnsround for service
- Complete modular component replacement is allowed without splitting the tractor in half
- Frame mounting allows easier component servicing without disturbing other systems
- The cab tilts so the tractor does not have to be split to access key components

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Mechanical front-wheel drive (MFWD front axles)

Page 1 of 1

Mechanical front-wheel drive (MFWD front axles)

Print

MFWD axie

The electrohydraulically activated MFWD clutch with wet multi-disc allows on-the-go engagement:

- Clutch is automatically engaged with braking, to give four-wheel braking power (excluding single-wheel braking).
- Console-mounted switch allows engagement and disengagement of MFWD on the go without dutching.
- o The MFWD is disengaged at speeds below 5 km/h (3.1 mph) when braking to allow for more comfortable and accurate work.
- A 12-degree caster angle allows up to a 52-degree steering angle, providing a tight turning radius.

Limited slip differential compensates automatically for traction differences to maximize pull performance. The 11-degree axis oscillation maximizes pull performance.

Biodegradable oil that meets JDM J20C requirements (for example, Bio-Hy-GARO™ II) may be used in all front axles.

MFWD front axle			3
Mødels	6105M Open Operator Station, 6115M, and 6125M	6140M	6150M-6170M
Maximum tread, mm	2015	2250	2250
Flange width, mm	1680	1780	1780
Bolt-circle diameter, mm	275	275	335
Number of studs	.8	8	10

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Full-frame design

Full-frame design

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Full-frame design

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