



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

Centralized Request for Quote
Vehicles

Proc Folder: 785616

Doc Description: MV21 - 2021 OR LATEST MODEL VEHICLE

Reason for Modification:

Proc Type: Statewide MA (Open End)

Date Issued	Solicitation Closes	Solicitation No	Version
2020-09-29	2020-10-13 13:30	CRFQ 0212 SWC2100000004	1

BID RECEIVING LOCATION

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

RECEIVED

2020 OCT 13 PM 1:04

WV PURCHASING
DIVISION

VENDOR

Vendor Customer Code: 000000111479

Vendor Name : THORNHILL FORD

Address : P.O. BOX 1449

Street : 500 FORD FAIRLANE

City : CHAPMANVILLE

State : WV

Country : US

Zip : 25508

Principal Contact : CHARLES ELLIS

Vendor Contact Phone: 304-855-8300

Extension: 2244

FOR INFORMATION CONTACT THE BUYER

Mark A Atkins
(304) 558-2307
mark.a.atkins@wv.gov

Vendor
Signature X *Charles Ellis*

FEIN# 20-3146880

DATE 10/13/2020

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

ADDITIONAL INFORMATION

The West Virginia Purchasing Division is soliciting bids on behalf of all state agencies and political subdivisions to establish an open-end contract for 2021, or latest model year, Motor Vehicles - Classes 1- 17, per attached documents.

INVOICE TO	SHIP TO
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER No City WV 99999 US	STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER No City WV 99999 US

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Vendor shall use Exhibit_A Pricing Page(s) for bid pricing.	0.00000	EA		

Comm Code	Manufacturer	Specification	Model #
25100000			

Extended Description:

MV21 - 2021 or latest model vehicle:

Note: Vendor shall use Exhibit_A Pricing Page(s) for bid pricing.

If vendor is submitting a bid online, Vendor should enter \$0.00 in the Oasis commodity line.

Vendor shall enter pricing into the Exhibit_A Excel pages and must attach with bid.

See section 18 of Instructions to Bidders.

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Technical Questions due by 2:00pm EDT:	2020-10-05

	Document Phase	Document Description	Page 3
SWC2100000004	Final	MV21 - 2021 OR LATEST MODEL VEHICLE	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

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 **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 individual is permitted to represent more than one vendor at the pre-bid meeting. Any individual that does attempt to represent two or more vendors will be required to select one vendor to which the individual's attendance will be attributed. The vendors not selected will be deemed to have not attended the pre-bid meeting unless another individual attended on their behalf.

An attendance sheet provided at the pre-bid meeting shall serve as the official document verifying 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 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
Revised 01/09/2020

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 QUESTION 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: October 05, 2020 due by 2:00pm EDT.

Submit Questions to: Mark Atkins, Senior Buyer
2019 Washington Street, East
Charleston, WV 25305
Fax: (304) 558-4115 (Vendors should not use this fax number for bid submission)
Email: Mark.A.Atkins@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.

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: MV21
BUYER: Mark Atkins, Senior Buyer
SOLICITATION NO.: CRFQ 0212 SWC2100000004
BID OPENING DATE: 10/13/2020
BID OPENING TIME: 1:30pm EDT
FAX NUMBER: 304-558-3970

The Purchasing Division may prohibit the submission of bids electronically through wvOASIS at its sole discretion. Such a prohibition will be contained and communicated in the wvOASIS system resulting in the Vendor's inability to submit bids through wvOASIS. Submission of a response to an Expression or Interest or Request for Proposal is not permitted in wvOASIS.

For Request For Proposal ("RFP") Responses Only: 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. 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: (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).

Bid Opening Date and Time: October 13, 2020 @ 1:30pm EDT

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. ALTERNATE MODEL OR BRAND: Unless the box below is checked, 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.

☐ This Solicitation is based upon a standardized commodity established under W. Va. Code § 5A-3-61. Vendors are expected to bid the standardized commodity identified. Failure to bid the standardized commodity will result in your firm's bid being rejected.

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 be requested in purchases of motor vehicles or construction and maintenance equipment and machinery used in highway and other infrastructure projects. Any request for preference must be submitted in writing with the bid, must specifically identify the preference requested with reference to the applicable subsection of West Virginia Code § 5A-3-37, and must include with the bid any information necessary to evaluate and confirm the applicability of the requested preference. A request form to help facilitate the request can be found at:

<http://www.state.wv.us/admin/purchase/vrc/Venpref.pdf>.

15A. RECIPROCAL PREFERENCE: The State of West Virginia applies a reciprocal preference to all solicitations for commodities and printing in accordance with W. Va. Code § 5A-3-37(b). In effect, non-resident vendors receiving a preference in their home states, will see that same preference granted to West Virginia resident vendors bidding against them in West Virginia. Any request for reciprocal preference must include with the bid any information necessary to evaluate and confirm the applicability of the preference. A request form to help facilitate the request can be found at: <http://www.state.wv.us/admin/purchase/vrc/Venpref.pdf>.

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, women-owned, 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 and viewed by the Purchasing Division staff immediately upon bid opening. The Purchasing Division will consider any file that cannot be immediately accessed and 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 to make a file viewable if those documents are required with the bid. A Vendor may be required to provide document passwords or remove access restrictions to allow the Purchasing Division to print or electronically save documents provided that those documents are viewable by the Purchasing Division prior to obtaining the password or removing the access restriction.

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

22. INTERESTED PARTY DISCLOSURE: West Virginia Code § 6D-1-2 requires that the vendor submit to the Purchasing Division a disclosure of interested parties to the contract for all contracts with an actual or estimated value of at least \$1 Million. That disclosure must occur on the form prescribed and approved by the WV Ethics Commission prior to contract award. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

23. WITH THE BID REQUIREMENTS: In instances where these specifications require documentation or other information with the bid, and a vendor fails to provide it with the bid, the Director of the Purchasing Division reserves the right to request those items after bid opening and prior to contract award pursuant to the authority to waive minor irregularities in bids or specifications under W. Va. CSR § 148-1-4.6. This authority does not apply to instances where state law mandates receipt with the bid.

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: **Initial Contract Term:** This Contract becomes effective on Upon Award and extends for a period of one (1) 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 delivered to the Agency and then 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. Unless otherwise specified below, renewal of this Contract is limited to one (1) successive one (1) year periods or multiple renewal periods of less than one year, provided that the multiple renewal periods do not exceed the total number of months available in all renewal years combined. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

☐ **Alternate Renewal Term** – This contract may be renewed for _____ successive _____ year periods or shorter periods provided that they do not exceed the total number of months contained in all available renewals. Automatic renewal of this Contract is prohibited. Renewals must be approved by the Vendor, Agency, Purchasing Division and Attorney General's office (Attorney General approval is as to form only)

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 of the work covered by the preceding sentence, the vendor agrees that maintenance, monitoring, or warranty services will be provided for _____ year(s) thereafter.

☐ **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.

4. NOTICE TO PROCEED: Vendor shall begin performance of this Contract immediately upon receiving notice to proceed unless otherwise instructed by the Agency. Unless otherwise specified, the fully executed Award Document will be considered notice to proceed.

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.

☐ **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. 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 a 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.

7. REQUIRED DOCUMENTS: All of the items checked below must be provided to the Purchasing Division by the Vendor as specified below.

☐ **BID BOND (Construction Only):** Pursuant to the requirements contained in W. Va. Code § 5-22-1(c), All Vendors submitting a bid on a construction project shall furnish a valid bid bond in the amount of five percent (5%) of the total amount of the bid protecting the State of West Virginia. The bid bond must be submitted with the bid.

☐ **PERFORMANCE BOND:** The apparent successful Vendor shall provide a performance bond in the amount of 100% of the contract. The performance bond must be received by the Purchasing Division prior to Contract award.

☐ **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. Notwithstanding the foregoing, West Virginia Code § 5-22-1 (d) mandates that a vendor provide a performance and labor/material payment bond for construction projects. Accordingly, substitutions for the performance and labor/material payment bonds for construction projects is not permitted.

☐ **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.

☐ **LICENSE(S) / CERTIFICATIONS / PERMITS:** In addition to anything required under the Section of the General Terms and Conditions entitled Licensing, the apparent successful Vendor shall furnish proof of the following licenses, certifications, and/or permits upon request and in a form acceptable to the State. The request may be prior to or after contract award at the State's sole discretion.

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The apparent successful Vendor shall also furnish proof of any additional licenses or certifications contained in the specifications regardless of whether or not that requirement is listed above.

8. INSURANCE: The apparent successful Vendor shall furnish proof of the insurance identified by a checkmark below and must include the State as an additional insured on each policy prior to Contract award. The insurance coverages identified below must be maintained throughout the life of this contract. Thirty (30) days prior to the expiration of the insurance policies, Vendor shall provide the Agency with proof that the insurance mandated herein has been continued. Vendor must also provide Agency with immediate notice of any changes in its insurance policies, including but not limited to, policy cancelation, policy reduction, or change in insurers. 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 in this section.

Vendor must maintain:

☒ **Commercial General Liability Insurance** in at least an amount of: \$1,000,000.00 per occurrence.

☐ **Automobile Liability Insurance** in at least an amount of: _____ per occurrence.

☐ **Professional/Malpractice/Errors and Omission Insurance** in at least an amount of: _____ per occurrence. Notwithstanding the forgoing, Vendor's are not required to list the State as an additional insured for this type of policy.

☐ **Commercial Crime and Third Party Fidelity Insurance** in an amount of: _____ per occurrence.

☐ **Cyber Liability Insurance** in an amount of: _____ per occurrence.

☐ **Builders Risk Insurance** in an amount equal to 100% of the amount of the Contract.

☐ **Pollution Insurance** in an amount of: _____ per occurrence.

☐ **Aircraft Liability** in an amount of: _____ per occurrence.

☒ Garage Keepers Insurance in at least an amount of \$1,000,000.00 per occurrence will be accepted in lieu of the Commercial General Liability Insurance.

☐☐☐

Notwithstanding anything contained in this section to the contrary, the Director of the Purchasing Division reserves the right to waive the requirement that the State be named as an additional insured on one or more of the Vendor's insurance policies if the Director finds that doing so is in the State's best interest.

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. [Reserved]

11. LIQUIDATED DAMAGES: 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. Vendor shall pay liquidated damages in the amount specified below or as described in the specifications:

☒ 05% (.005) of Purchase Order Total assessed daily for orders not completed in full beyond 120 calendar days after received order.

☒ Liquidated Damages Contained in the Specifications

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. 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. Notwithstanding the foregoing, Vendor must extend any publicly advertised sale price to the State and invoice at the lower of the contract price or the publicly advertised sale price.

14. PAYMENT IN ARREARS: 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. PAYMENT METHODS: Vendor must accept payment by electronic funds transfer and P-Card. (The State of West Virginia's Purchasing Card program, administered under contract by a banking institution, processes payment for goods and services through state designated credit cards.)

16. 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.

17. ADDITIONAL FEES: Vendor is not permitted to charge additional fees or assess additional charges that were not either expressly provided for in the solicitation published by the State of West Virginia or included in the unit price or lump sum bid amount that Vendor is required by the solicitation to provide. Including such fees or charges as notes to the solicitation may result in rejection of vendor's bid. Requesting such fees or charges be paid after the contract has been awarded may result in cancellation of the contract.

18. 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.

19. 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 § 148-1-5.2.b.

20. TIME: Time is of the essence with regard to all matters of time and performance in this Contract.

21. 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.

22. COMPLIANCE WITH LAWS: 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.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to comply with all applicable laws, regulations, and ordinances. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

23. 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.

24. 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.

25. 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.

26. 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.

27. 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.

28. 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.

29. 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.

30. 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>.

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

32. 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. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. 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.

SUBCONTRACTOR COMPLIANCE: Vendor shall notify all subcontractors providing commodities or services related to this Contract that as subcontractors, they too are required to be licensed, in good standing, and up-to-date on all state and local obligations as described in this section. Obligations related to political subdivisions may include, but are not limited to, business licensing, business and occupation taxes, inspection compliance, permitting, etc. Notification under this provision must occur prior to the performance of any work under the contract by the subcontractor.

33. 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.

34. 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.

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 and 5-22-1(i), the State is prohibited from awarding a contract to any bidder that owes a debt to the State or a political subdivision of the State, Vendors are required to sign, notarize, and submit the Purchasing Affidavit to the Purchasing Division affirming under oath that it is not in default on any monetary obligation owed to the state or a political subdivision of the state.

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"), provided that both the Other Government Entity and the Vendor agree. 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. 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 purchasing.requisitions@wv.gov.

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.

Revised 01/09/2020

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 hearth, 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.

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.

44. INTERESTED PARTY SUPPLEMENTAL DISCLOSURE: W. Va. Code § 6D-1-2 requires that for contracts with an actual or estimated value of at least \$1 million, the vendor must submit to the Agency a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-award interested party disclosure, within 30 days following the completion or termination of the contract. A copy of that form is included with this solicitation or can be obtained from the WV Ethics Commission. This requirement does not apply to publicly traded companies listed on a national or international stock exchange. A more detailed definition of interested parties can be obtained from the form referenced above.

45. PROHIBITION AGAINST USED OR REFURBISHED: Unless expressly permitted in the solicitation published by the State, Vendor must provide new, unused commodities, and is prohibited from supplying used or refurbished commodities, in fulfilling its responsibilities under this Contract.

West Virginia Ethics Commission



Disclosure of Interested Parties to Contracts

Pursuant to *W. Va. Code* § 6D-1-2, a state agency may not enter into a contract, or a series of related contracts, that has/have an actual or estimated value of \$1 million or more until the business entity submits to the contracting state agency a Disclosure of Interested Parties to the applicable contract. In addition, the business entity awarded a contract is obligated to submit a supplemental Disclosure of Interested Parties reflecting any new or differing interested parties to the contract within 30 days following the completion or termination of the applicable contract.

For purposes of complying with these requirements, the following definitions apply:

"Business entity" means any entity recognized by law through which business is conducted, including a sole proprietorship, partnership or corporation, but does not include publicly traded companies listed on a national or international stock exchange.

"Interested party" or *"Interested parties"* means:

- (1) A business entity performing work or service pursuant to, or in furtherance of, the applicable contract, including specifically sub-contractors;
- (2) the person(s) who have an ownership interest equal to or greater than 25% in the business entity performing work or service pursuant to, or in furtherance of, the applicable contract. (This subdivision does not apply to a publicly traded company); and
- (3) the person or business entity, if any, that served as a compensated broker or intermediary to actively facilitate the applicable contract or negotiated the terms of the applicable contract with the state agency. (This subdivision does not apply to persons or business entities performing legal services related to the negotiation or drafting of the applicable contract.)

"State agency" means a board, commission, office, department or other agency in the executive, judicial or legislative branch of state government, including publicly funded institutions of higher education: Provided, that for purposes of *W. Va. Code* § 6D-1-2, the West Virginia Investment Management Board shall not be deemed a state agency nor subject to the requirements of that provision.

The contracting business entity must complete this form and submit it to the contracting state agency prior to contract award and to complete another form within 30 days of contract completion or termination.

This form was created by the State of West Virginia Ethics Commission, 210 Brooks Street, Suite 300, Charleston, WV 25301-1804. Telephone: (304)558-0664; fax: (304)558-2169; e-mail: ethics@wv.gov; website: www.ethics.wv.gov.



STATE OF WEST VIRGINIA
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON STREET, EAST
CHARLESTON, WEST VIRGINIA 25305-0130

W. MICHAEL SHEETS
DIRECTOR

State of West Virginia Bid Opportunity

Solicitation Type	CRFQ
Solicitation No.	0212 SWC2100000004
Description:	MV21 – 2021 OR Latest Model Vehicle
Mandatory Bid Conference	N/A
Deadline for Q&A:	10/05/2020 by 2:00 PM EST
Bid Closing Date and Time:	10/13/2020 at 1:30 PM EST

Dear Potential Bidder:

Your business has been identified as a potential vendor by the requesting agency for the solicitation noted above.

Should your business be interested in this bid opportunity, please visit www.wvOASIS.gov, and click on the Vendor Self Service (VSS) Portal. At the welcome screen, please review any announcements and log into your account or click on the "Public Access" button in the bottom left of the page in order to view the *West Virginia Purchasing Bulletin*. At the *West Virginia Purchasing Bulletin* page, you may view all bid opportunities or you may search for the solicitation noted above by typing the solicitation number in the "keyword search" box. All modifications to solicitations prior to award will be noted as an "addendum" and also available at this same location.

The *West Virginia Purchasing Bulletin* lists all bid opportunities more than \$10,000 for the state of West Virginia. Solicitations prefaced with an "A" are agency-delegated bid opportunities expected to be \$25,000 or less; those prefaced with an "C" are central Purchasing Division solicitations expected to exceed \$25,000.

Additional information may be accessed by clicking on the summary or details of the solicitation.

Should you decide to bid on this opportunity, you may submit a bid through the acceptable delivery methods including electronic submission via wvOASIS system, hand delivery, delivery by courier, or by facsimile; however, the Purchasing Division cannot accept bids via electronic mail.

Thank you for your interest in doing business with the State of West Virginia. Should you have any questions regarding becoming a registered vendor with the Purchasing Division, please visit our vendor registration webpage at <http://www.state.wv.us/admin/purchase/VendorReg.html>.

West Virginia Purchasing Division
WVPurchasing.gov

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.

Charles Ellis Fleet Mgr.

(Name, Title)

CHARLES ELLIS FLEET MGR.

(Printed Name and Title)

500 FORD FAIRLANE CHAPMANVILLE WV 25508

(Address)

304-855-8300 / 304-855-1451

(Phone Number) / (Fax Number)

CEELLIS@MAIL.COM

(email 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.

THORNHILL FORD

(Company)

Charles Ellis Fleet Mgr.

(Authorized Signature) (Representative Name, Title)

CHARLES ELLIS FLEET MGR

(Printed Name and Title of Authorized Representative)

10/13/2020

(Date)

304-855-8300 / 304-855-1451

(Phone Number) (Fax Number)

CRFQ 0212 SWC2100000004
REQUEST FOR QUOTATION
MV21 – 2021, or latest model year, Motor Vehicles

4.3.4 “Total Life Cycle Cost” segment:

The Total Life Cycle Cost is tabulated using the following formula for all fuel types *except* diesel:

$$[(75,000/\text{EPA Highway MPG Rating} + 25,000/\text{EPA City MPG Rating}) \times 2.75] + \text{Unit Price}$$

The above formula is derived from an estimated vehicle life of 100,000 miles; where an estimated 75,000 miles will be highway use and an estimated 25,000 miles will be city use. The combined averages of the two MPG ratings are then multiplied by an estimated gasoline price of \$2.75 per gallon.

The Total Life Cycle Cost tabulation formula for diesel is as follows:

$$[(75,000/\text{EPA Highway MPG Rating} + 25,000/\text{EPA City MPG Rating}) \times 3.05] + \text{Unit Price}$$

The above formula is derived from an estimated vehicle life of 100,000 miles; where an estimated 75,000 miles will be highway use and an estimated 25,000 miles will be city use. The combined averages of the two MPG ratings are then multiplied by an estimated diesel price of \$3.05 per gallon.

For example, if a gasoline vehicle were to have an EPA MPG rating of 22 MPG Highway and 18 MPG City with a Unit Price of \$22,000.00, the Total Life Cycle cost would equal \$35,194.44. (First find the product of 75,000 miles divided by the EPA Highway MPG Rating, and then find the product of 25,000 miles divided by the EPA City MPG Rating. Next, add the two products together and multiply by the fuel type cost of 2.75 per gallon (for gasoline). Lastly add the product of the preceding calculation to the Unit Price of the vehicle being bid.)

NOTE: The pricing pages have been formatted to calculate the Total Life Cycle Cost when the cells for “EPA HIGHWAY MPG Rating”, “EPA CITY MPG Rating”, and “UNIT PRICE” are entered.

4.3.5 “Options”

Mileage charges for delivery should be listed under the “Options” section of each vehicle class pricing page. FOB Dealership (Deduct) and FOB Other than Metro Charleston refers the delivery charges, that, at time of order, the vendor will add to or deduct from their final bid amount for each vehicle class awarded. If no response is received in either the FOB Dealership

CRFQ 0212 SWC2100000004
REQUEST FOR QUOTATION
MV21 – 2021, or latest model year, Motor Vehicles

warranty can be nullified if the user does not follow certain stipulations of the manufacturer, such as preventive maintenance.

Vendors must use the *2021 Fuel Economy Guide*, for vehicle specific ratings which can be found at <http://www.fueleconomy.gov/feg/printGuides.shtml>

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 Vehicle Class 1 thru 17:

3.1.1.1 Standard Equipment Requirements – The following are mandatory as related to the standard equipment requirements of each vehicle class. Each vehicle class must contain the following unless otherwise noted.

- A. Automatic Transmission
- B. Power Steering
- C. Power/ABS Brakes
- D. Minimum AM/FM Radio, Hands free/Bluetooth compatible, installed
- E. Manufacturer's Standard Tint Glass
- F. Exterior power, left and right mirrors
- G. License plate mounts located on the front and rear bumpers.
 - A. Prior to delivery, all vehicles must be pre-drilled, with hardware installed, to meet specifications that require both front and rear license plates.
 - B. Any vehicle delivered without such plate mounts will be rejected.

CRFQ 0212 SWC2100000004
REQUEST FOR QUOTATION
MV21 – 2021, or latest model year, Motor Vehicles

- H. All-season tires
- I. Manufacturer's standard spare tire with jack when available as standard equipment.
- J. Installed rear window defogger for all vehicles except trucks and cargo vans
- K. Front bucket seats for all vehicles except trucks
- L. Installed air conditioning. The following vehicle class must include rear air conditioning – Class 9.
- M. Installed floor mats, except where vinyl floor covering is present. The following vehicle classes require slush, all weather mats – Class 6, 7, 8, 9, 16, and 17.
- N. Installed front driver and passenger air bags
- O. Installed power windows and locks on all doors except for Vans where power windows and locks on all doors are not available as an option from the manufacturer. Van vendors will provide power windows and locks where applicable.
- P. Factory installed tilt wheel and cruise control
- Q. Factory installed keyless entry
- R. Installed "fleetside" bed for trucks.
- S. Factory Reverse backup camera.

3.1.1.2 Unspecified Accessories & Features: All parts, equipment, accessories, material, design and performance characteristics not specified herein, but which are necessary to provide a complete unit, must be furnished with each unit and required to conform to strength, quality of material, and quality of workmanship to those which are advertised and provided to the market in general by the unit industry.

CRFQ 0212 SWC2100000004
REQUEST FOR QUOTATION
MV21 – 2021, or latest model year, Motor Vehicles

- 2.10 “Manufacturer/Brand”** means the name of the maker of the contract item which will be supplied by the vendor.
- 2.11 “Model & Number”** means the model name and model number associated with the contract item as defined by the manufacturer.
- 2.12 “MPG”** means miles per gallon rating of a vehicles’ fuel economy for a given fuel type as defined by the Environment Protection Agency in the *2021 Fuel Economy Guide*, for vehicle specific ratings which can be found at <http://www.fueleconomy.gov/feg/printGuides.shtml>.
- 2.13 “OEM”** means Original Equipment Manufacturer.
- 2.14 “Powertrain”** means the group of components used to transmit engine power to the wheels. The powertrain includes the engine, clutch, transmission, universal joints, drive shaft, and rear-axle gears.
- 2.15 “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.
- 2.16 “QVM”** means Qualified Vehicle Modifier.
- 2.17 “Solicitation”** means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.
- 2.18 “Total life-cycle cost”** means the complete cycle of a motor vehicle, from initial acquisition, through operation using the formula provided below for anticipated mileage.
- 2.19 “Vehicle class”** means the designation of motor vehicle types that include sedans, sport utility vehicles, and trucks, or different categories of vehicles according to requirements specified herein.
- 2.20 “Vendor Name”** means the company name of the vendor (Dealership) who will be supplying the contract item(s) to the State of West Virginia.
- 2.21 “Warranty”** means the written guarantee issued with new motor vehicles or related equipment. It defines the manufacturer's responsibility for the repair or replacement of defective parts and other services provided as part of the purchase price. A

CRFQ 0212 SWC2100000004
REQUEST FOR QUOTATION
MV21 – 2021, or latest model year, Motor Vehicles

Example:

Manufacturer utilized EPA Mileage rating resulting in a Total Life Cycle Cost of \$45000.00 for vehicle class bid. If the EPA Official 2021 Fuel Economy Guide published mileage rating differs from the manufacturer mileage rating and results in a Total Life Cycle Cost change exceeding \$2,250.00 for the vehicle class bid [$\$45,000.00 \times .05$ (5%) = \$2,250.00], a re-evaluation of vehicle class bid may result.

Any re-evaluation will utilize the EPA mileage ratings from the Official 2021 Fuel Economy Guide in place of the EPA Mileage rating from the manufacturer. In the event the two EPA mileage ratings differ and exceed a 5% change in the overall Total Life Cycle Cost, the re-evaluation may result in cancellation of the existing award and re-awarding of a vehicle class to another vendor. Orders placed with an awarded vendor prior to a contract re-award will remain valid. Once a re-award is made and officially becomes effective, all new orders for that vehicle class will be placed with the re-awarded vendor.

4.3.1 “Vehicle Fuel Type” segment:

- A. Vendors bidding vehicle fuel type “Gasoline” shall use the MPG ratings for gasoline.
- B. Vendors bidding vehicle fuel type “Flex-fuel” shall use the MPG ratings for E85.
- C. Vendors bidding vehicle fuel type “Diesel” shall use the MPG ratings for diesel.
- D. Vendors bidding vehicle fuel type “CNG/Bifuel” shall use the MPG ratings for gasoline.
- E. Vendors bidding vehicle fuel type “Hybrid” shall use the MPG ratings for gasoline.

4.3.2 “EPA HIGHWAY MPG Rating” & “EPA CITY MPG Rating”

segments: The EPA mileage ratings for Highway and City MPG are supplied by the US Environmental Protection Agency at the following website: <https://www.fueleconomy.gov/feg/printGuides.shtml> Vendor shall provide each corresponding EPA MPG rating in the cell provided.

4.3.3 “Unit Price” segment: The Unit Price is the base vehicle price including standard equipment requirements, vehicle requirements and any additional requirements for the given vehicle class.

CRFQ 0212 SWC2100000004
REQUEST FOR QUOTATION
MV21 – 2021, or latest model year, Motor Vehicles

(deduct) or FOB Other than Metro Charleston fields, it will be assumed the vendor will not be charging delivery. These options will not be evaluated as part of the award.

General: Vendors 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.

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:
Mark.A.Atkins@wv.gov

5. ORDERING AND PAYMENT:

5.1 Ordering: Vendor shall accept orders through wvOASIS, regular mail, facsimile, e-mail, 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 Agencies 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 Agency Ordering Procedure: WV State Agencies shall issue a CDO (Central Delivery Order.) The CDO and following corresponding form: DOA-FM-59 for vehicle replacement or Fleet Increase shall be submitted to the Department of Administration Fleet Management Division for approval. Then shall be forwarded to the Purchasing Division for processing.

The purchase requisition must be thoroughly completed and must contain the following: the contract number from which the vehicle is being procured and must be properly signed by all appropriate parties. Additionally, emergency orders must clearly be stated on the purchase requisition.

Failure to meet the above requirements will result in the requisition being returned to the issuing agency for correction. Please refer to Appendix_Q of the Purchasing

CRFQ 0212 SWC2100000004
REQUEST FOR QUOTATION
MV21 – 2021, or latest model year, Motor Vehicles

Division Handbook for additional instructions and examples of delivery order information required.

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

Vehicles may be purchased from this contract by any West Virginia State agency. West Virginia state agencies will either remit payment directly or use a third-party financing company on contract with the State of West Virginia. The Department of Administration, Fleet Management Division (FMD) arranges third-party financing.

The time required for third party financing does not differ from the time required for payment directly from the state as both are normally made within 30 business days from delivery of vehicle and corresponding invoice. Actual time required to process payment may vary.

6. DELIVERY AND RETURN:

- 6.1 Delivery Time:** Vendor shall deliver standard orders within 120 working days after orders are received. Vendor shall deliver emergency orders 60 working day(s) after orders are received. Vendor shall ship all orders in accordance with the above schedule and shall not hold orders until a minimum delivery quantity is met.

Standard order delivery shall be F.O.B. destination to West Virginia Surplus Property located at 2700 Charles Avenue Dunbar, WV 26064 or to agencies located in the Charleston Metro Area only.

For deliveries made to West Virginia Surplus Property; the vendor must receive prior approval from Surplus Property to deliver vehicles. The delivery request must be made at least five (5) working days in advance. Surplus Property will accept a maximum amount of twenty (20) vehicles per day and no deliveries will be accepted after 3:30 PM, EST. The Surplus Property Vehicles Coordinator can be contacted at 304-766-2626.

For deliveries not made to the West Virginia Surplus Property; all vehicles must be delivered to the "ship to" section indicated on the purchase requisition form. Vendors must contact the Fleet Management Division at 1-855-817-1910 prior to delivery.

CRFQ 0212 SWC2100000004
REQUEST FOR QUOTATION
MV21 – 2021, or latest model year, Motor Vehicles

The following State Agencies require twenty-four (24) hour advance notice prior to delivery:

Division of Highways
Division of Natural Resources
Division of Forestry

West Virginia State Police
Higher Education (Colleges)
Elected Officials

- 6.2 Late Delivery:** The Agency placing the order under this Contract must be notified in writing if orders will be delayed for any reason. Vendor shall pay liquidated damages in the amount of .5% (.005) of the agency's purchase requisition amount for delivery delays beyond 120 calendar days. This amount will be assessed daily until order is completed in full. The liquidated damages only apply when the vendor does not notify the agency to arrange shipping prior to the 120 days required.

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 Agency seeking to obtain items from a third party under this provision must first obtain approval of the Purchasing Division

- 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. The Vendor may add a supplementary per mile charge for delivery to locations other than West Virginia Surplus Property and should provide this information in the "Options" section of each vehicle class pricing page.
- 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. 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 Agency's discretion.

CRFQ 0212 SWC2100000004
REQUEST FOR QUOTATION
MV21 – 2021, or latest model year, Motor Vehicles

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 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.
- 8.3 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.

CRFQ 0212 SWC2100000004
REQUEST FOR QUOTATION
MV21 – 2021, or latest model year, Motor Vehicles

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of all state agencies and political subdivisions to establish an open-end contract for 2021, or latest model year, motor vehicles – Class 1-17.
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 **“CNG/ Bi-fuel motor vehicle”** means a motor vehicle that can operate on either an alternative - Certified Natural Gas or conventional fuel based on driver selection.
 - 2.2 **“Contract Item” or “Contract Items”** means the list of items identified in Section 3.1 below and on the Pricing Pages.
 - 2.3 **“E85”** means an alternative fuel that is a high-level gasoline-ethanol blend containing 51% to 83% ethanol, depending on geography and season.
 - 2.4 **“EPA City MPG Rating”** means the Environmental Protection Agency’s official Mile Per Gallon evaluation of a vehicles’ city fuel economy for a given fuel type.
 - 2.5 **“EPA Highway MPG Rating”** means the Environmental Protection Agency’s official Mile Per Gallon evaluation of a vehicles’ highway fuel economy for a given fuel type. Vendors must use the *2021 Fuel Economy Guide*, for vehicle specific ratings which can be found at <http://www.fueleconomy.gov/feg/printGuides.shtml>
 - 2.6 **“EPA”** means Environmental Protection Agency.
 - 2.7 **“Flexible fuel motor vehicle”** means a vehicle that can operate on a combination of alternative and conventional fuels concurrently.
 - 2.8 **“Gross Vehicle Weight Rating (GVWR)”** means the maximum loaded weight (including curb weight, operator & passenger weight, and payload) in pounds (lbs.) of a single vehicle. Vehicle manufacturers specify the maximum GVWR on the vehicle certification label.
 - 2.9 **“Hybrid”** means Hybrid-electric vehicle which uses a combination of a gasoline engine and electric motor(s). (See Section 3.1.1.3)

CRFQ 0212 SWC2100000004
REQUEST FOR QUOTATION
MV21 – 2021, or latest model year, Motor Vehicles

3.1.1.2.1 All parts and accessories advertised and regularly supplied as standard shall be included except those which would represent duplication of parts and accessories specified and except those which, by specification, are not to be furnished.

3.1.1.2.2 All standard safety features, required by Federal and State law, shall be included.

3.1.1.2.3 Vehicles must have all equipment found on the manufacturer's base model plus other equipment requirements, packages, items, etc. needed to meet the specifications for each order vehicle class placed against the contract.

3.1.1.2.3.1 Vehicles must not have manufacturer's base model equipment deleted unless specifically required within the specifications for that vehicle.

3.1.1.2.3.2 Packages that are designated for police use or special service vehicles (non-civilian) use will not be accepted.

3.1.1.3 Fuel Type: All vehicles shall be gasoline powered unless otherwise stated. Flex Fuel (E85), Diesel, CNG/Bifuel, and Hybrid should also be quoted if available.

A. All alternative vehicles must have the capacity to travel a minimum of 150 miles without refueling/recharging.

B. All-natural gas devices must be OEM or QVM Certified and EPA approved.

C. Hybrid Vehicles must meet the following requirements -

CRFQ 0212 SWC2100000004
REQUEST FOR QUOTATION
MV21 – 2021, or latest model year, Motor Vehicles

- a. Hybrid Vehicles must have both an internal combustion engine and an electric motor.
- b. Hybrid Vehicles bid must be capable of driving on only electric power.

3.1.1.4 Pre-delivery inspection: Prior to delivery, all vehicles must be thoroughly inspected and serviced in compliance with the manufacturer's proscribed procedures which includes but is not limited to:

- A. Complete vehicle lubrication;
- B. Confirm oil level, fill crank case as needed, top off all fluids;
- C. Adjust engine to proper operating condition;
- D. Verify tire pressure and corrected as necessary;
- E. Check front end alignment or four-wheel alignment if applicable, perform alignment if needed, and balance all tires;
- F. Wash/Clean interior and exterior of vehicle. Remove all unnecessary tags, stickers (including window stickers), papers, tags etc.; Window stickers need to be removed and placed inside the vehicle.
- G. Include a minimum of one owner's manual;
- H. Upon delivery, the vehicles fuel tanks shall be full of fuel;
- I. Include temporary license plate and registration;
- J. Affix a valid West Virginia Inspection Sticker to the windshield. The vehicle must be inspected in the month delivered;
- K. No dealer insignia or other advertising shall be affixed to the vehicle or appear on any accessory such as mud flaps, bumpers, deck lids, etc. Vehicles delivered with such advertising will be rejected;

CRFQ 0212 SWC2100000004
REQUEST FOR QUOTATION
MV21 – 2021, or latest model year, Motor Vehicles

L. Perform operational checks which will cover all controls, systems, and devices, doors, windows, accessories, and road testing of the completed vehicle. Vehicle shall be driven at various speeds; brakes tested for dependability, vehicle checked for rattles, squeaks and must be in compliance with pre-delivery inspection/servicing procedures and make adjustments as necessary.

3.1.1.5 Workmanship: Vehicles shall be free from defects that may impair their operation, safety, emissions, and serviceability, or detract from appearance.

3.1.1.6 Operator's Manuals: The manufacturer shall furnish with the vehicle at least one copy of all warranty information and handbooks for the vehicle and any special equipment furnished with, or as a part of, the vehicle. This information shall be in hard copy form. The handbooks shall include as a minimum the vehicles operator's manual, vehicle maintenance handbook, and special equipment handbook.

3.1.1.7 Statement of Origin or Bill of Sale: Unless otherwise specified, manufacturer's Statement of Origin or Bill of Sale showing the applicable purchase order number for each vehicle procured shall be provided. The document shall be forwarded to the agency's address shown on the equipment contract order prior to shipment. Vehicle safety/emission tests are the responsibility of the requisition agency.

A. All vehicle identification numbers (VIN) must be supplied to the Fleet Management Division by email, referencing the purchase order, release order, or other procurement acquisition, or leasing agreement number, the year, make, model, and color of each vehicle to the following email address: fleet@wv.gov. This information must be received within ten (10) working days prior to the delivery of each vehicle.

B. Upon delivery of the vehicle, All documentation (Title Application, Statement of Origin,

CRFQ 0212 SWC2100000004
REQUEST FOR QUOTATION
MV21 – 2021, or latest model year, Motor Vehicles

Delivery/Odometer Statement, Lease Agreement, etc.)
in original form must be mailed or hand carried to:

Department of Administration
Fleet Management Division
Capitol Complex, Bldg 17
2101 Washington Street, East
P.O. Box 50121
Charleston, WV 25305-0121

3.1.1.8 Warranty: The following are mandatory requirements as related to the warranty:

- A. Basic Comprehensive Warranty Coverage** - The vendor shall provide the vehicle manufacturer's basic whole vehicle warranty. The minimum length of warranty shall be 3 years/36,000 miles and shall cover the entire vehicle (bumper to bumper).
- B. Basic Corrosion and Powertrain Warranty Coverage** - the vendor shall provide the manufacturers' standard Basic Corrosion and Powertrain Warranty.
- C.** The warranty shall include furnishing, without cost to the agency, (FOB vendors' nearest dealer or branch to vehicle's location), of new parts and assemblies to replace any that failed or malfunctioned within the warranty period. The State may elect to have the corrective work performed at the vendor's location, branch, or dealership, or a manufacturer's factory authorized repair facility, or upon the vendor's approval, at a commercial or Government repair facility. The cost of labor involved in the replacement of the failed or malfunctioned part(s) or assemblies shall be borne by the vendor.
- D. Warranty Extensions** - If the vendor receives from any supplier, manufacturer, or subcontractor additional warranty coverage on the whole or any component of the vehicle, in the form of time and/or

CRFQ 0212 SWC2100000004
REQUEST FOR QUOTATION
MV21 – 2021, or latest model year, Motor Vehicles

mileage including any pro rata arrangements, or the vendor generally extends to its commercial customers a greater or extended warranty coverage, the agency shall receive corresponding warranty benefits.

3.1.1.9 Product Conformance: the products provided shall meet the salient characteristics of this specification, conform to the manufacturer's own drawings, specifications, standards and quality assurance practices, and be the same product offered for sale in the commercial market.

3.1.1.10 REPORTS: The Vendor shall provide to the State of West Virginia's primary contact person quarterly utilization reports by vehicle class containing at a minimum the following information pertaining to the State of West Virginia agencies, boards, commissions, and political subdivisions:

- 3.1.1.10.1** Class Number;
- 3.1.1.10.2** Ordering Entity;
- 3.1.1.10.3** Purchase Order Number;
- 3.1.1.10.4** Description;
- 3.1.1.10.5** Quantity.

These reports will be provided in Excel format and sent via email to the Purchasing Division Buyer on a quarterly basis as follows:

<u>PERIOD END</u>	<u>REPORT DUE</u>
December 31	January 31
March 31	April 30
June 30	July 31
September 30	October 31

CRFQ 0212 SWC2100000004
REQUEST FOR QUOTATION
MV21 – 2021, or latest model year, Motor Vehicles

4. CONTRACT AWARD:

- 4.1 Contract Award:** The Contract is intended to provide Agencies with a purchase price on all Contract Items. The Contract shall be awarded to the vendors that provide the Contract Items meeting the required specifications for the lowest Total Life Cycle Cost per fuel type vehicle class as shown on the Pricing Pages.

Each vehicle fuel type (Gasoline, Flex-fuel, Diesel, CNG/Bifuel, and Hybrid) contained in a given class, represents an opportunity for a separate bid response. Each of these vehicle fuel types shall be evaluated independently and awarded to the lowest responsible bidder meeting the specifications of the given vehicle fuel type in that vehicle class.

- 4.2 Life of Contract:** This contract shall become effective upon award and extends for one year or until such time as the vendor notifies the Purchasing Division that the model year build-out date has been reached, unless the vendor chooses to supply next model year vehicles at the price quoted, or until contracts are issued for the next model year.
- 4.3 Pricing Pages:** Vendor should complete the Pricing Pages by responding to the information requested in the “Vendor Name”, “Manufacturer/Brand”, “Model & Number”, “EPA HIGHWAY MPG Rating”, “EPA CITY MPG Rating”, “Vendor Contact”, “Phone Number”, “Email Address”, “Standard Color Code”, “Color Description”, and “Unit Price” fields for each vehicle class. Utilizing the provided excel files will self-tabulate the “Total Life Cycle Cost” fields.

Vendor Bid Response Section: The vendor shall use the EPA mileage ratings from the Official 2021 Fuel Economy Guide for Highway and City MPG ratings for each vehicle class. If the vehicle is not present in the 2021 Fuel Economy Guide, vendors must utilize the EPA Mileage rating provided by the manufacturer for 2020 model vehicles. Vendors should submit mileage rating documentation from the manufacturer with their bid response for the vehicle EPA mileage ratings not available in the 2021 Fuel Economy Guide. Inclusion of this documentation, with the bid, will expedite the evaluation process.

Any vehicle class that contains a vehicle evaluated on the basis of the EPA Mileage rating provided by the manufacturer may be re-evaluated at the sole discretion of the Purchasing Division if the subsequently published Official 2021 Fuel Economy Guide would result in a change to the Total Life Cycle Cost of 5% (.05) or more.

CRFQ 0212 SWC2100000004
REQUEST FOR QUOTATION
MV21 – 2021, or latest model year, Motor Vehicles

Contract Manager: Charles Ellis
Telephone Number: 304-855-8300
Fax Number: 304-855-1451
Email Address: CEEmail.com



Department of Administration
Purchasing Division
2019 Washington Street East
Post Office Box 50130
Charleston, WV 25305-0130

State of West Virginia
Centralized Request for Quote
Vehicles

Proc Folder: 785616

Doc Description: MV21 - 2021 OR LATEST MODEL VEHICLE

Reason for Modification:
ADDENDUM_1

Proc Type: Statewide MA (Open End)

Date Issued	Solicitation Closes	Solicitation No	Version
2020-10-05	2020-10-13 13:30	CRFQ 0212 SWC2100000004	2

BID RECEIVING LOCATION

BID CLERK
DEPARTMENT OF ADMINISTRATION
PURCHASING DIVISION
2019 WASHINGTON ST E
CHARLESTON WV 25305
US

VENDOR

Vendor Customer Code: 000000/11679

Vendor Name : THORNHILL FORD

Address : P.O. BOX 1449

Street : 500 FORD FAIRLANE

City : CHAPMANVILLE

State : WV

Country : US

Zip : 25508

Principal Contact : CHARLES ELLIS

Vendor Contact Phone: 304-855-8300

Extension: 2244

FOR INFORMATION CONTACT THE BUYER

Mark A Atkins
(304) 558-2307
mark.a.atkins@wv.gov

Vendor

Signature X *Charles Ellis*

FEIN# 20-3146880

DATE 10/13/2020

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

ADDITIONAL INFORMATION

ADDENDUM_1: Is issued for the following:

1. To publish a response to the questions submitted by Vendors during the Technical Questioning period.

No other changes made.

The West Virginia Purchasing Division is soliciting bids on behalf of all state agencies and political subdivisions to establish an open-end contract for 2021, or latest model year, Motor Vehicles - Classes 1- 17, per attached documents.

INVOICE TO	SHIP TO
ALL STATE AGENCIES VARIOUS LOCATIONS AS INDICATED BY ORDER	STATE OF WEST VIRGINIA VARIOUS LOCATIONS AS INDICATED BY ORDER
No City US	No City US
WV 99999	WV 99999

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Vendor shall use Exhibit_A Pricing Page(s) for bid pricing.	0.00000	EA		

Comm Code	Manufacturer	Specification	Model #
25100000			

Extended Description:

MV21 - 2021 or latest model vehicle:

Note: Vendor shall use Exhibit_A Pricing Page(s) for bid pricing.

If vendor is submitting a bid online, Vendor should enter \$0.00 in the Oasis commodity line.

Vendor shall enter pricing into the Exhibit_A Excel pages and must attach with bid.

See section 18 of Instructions to Bidders.

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Technical Questions due by 2:00pm EDT:	2020-10-05

SOLICITATION NUMBER: CRFQ 0212 SWC2100000004
Addendum Number: 1

The purpose of this addendum is to modify the solicitation identified as CRFQ 0212 SWC2100000004 ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

- ☐ Modify bid opening date and time
- ☐ Modify specifications of product or service being sought
- ☒ Attachment of vendor questions and responses
- ☐ Attachment of pre-bid sign-in sheet
- ☐ Correction of error
- ☐ Other

Description of Modification to Solicitation:

1. To publish a response to the questions submitted by Vendors during the Technical Questioning period.

No other changes made.

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.

Technical Question Response

Question #1: CLASS 6: Ford does not offer an Off Road Pkg on a Compact Utility. Could the Off Road Pkg be eliminated on Class 6?

Response #1: No, the Class 6 specification requirement for the items listed in the Off-Road Package will remain unchanged.

Question #2: Could a 4cyl Ecoboost Engine be added as a choice on Class 7 and 8?

Response #2: No, the Class 7 and 8 engine specifications will remain as originally published.

Question #3: Could the Off Road Pkg be eliminated on Class 8?

Response #3: No, the Off Road Pkg requirement will remain on Class 8.

Question #4: Could a 4 Cyl Eng be added as a choice on Class 9?

Response #4: No, the engine requirement will remain as originally specified for Class 9.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ 0212 SWC2100000004

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 received)

<input checked="" type="checkbox"/> Addendum No. 1	<input type="checkbox"/> Addendum No. 6
<input type="checkbox"/> Addendum No. 2	<input type="checkbox"/> Addendum No. 7
<input type="checkbox"/> Addendum No. 3	<input type="checkbox"/> Addendum No. 8
<input type="checkbox"/> Addendum No. 4	<input type="checkbox"/> Addendum No. 9
<input type="checkbox"/> Addendum No. 5	<input type="checkbox"/> 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 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.

Thornhill Ford
Company
Charles Ellis
Authorized Signature
10/13/2020
Date

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

West Virginia Ethics Commission
Disclosure of Interested Parties to Contracts

(Required by W. Va. Code § 6D-1-2)

Name of Contracting Business Entity: THORNHILL FORD Address: 500 FORD FAIRLANE

CHAPMANVILLE WV 25508

Name of Authorized Agent: CHARLES ELLIS Address: CHAPMANVILLE WV 25508

Contract Number: CRFQ SWC21*04 (MV21) Contract Description: Statewide contract for motor vehicles (Class 01-17)

Governmental agency awarding contract: WV Purchasing Division

☐ Check here if this is a Supplemental Disclosure

List the Names of Interested Parties to the contract which are known or reasonably anticipated by the contracting business entity for each category below (attach additional pages if necessary):

1. Subcontractors or other entities performing work or service under the Contract

☐ Check here if none, otherwise list entity/individual names below.

2. Any person or entity who owns 25% or more of contracting entity (not applicable to publicly traded entities)

☐ Check here if none, otherwise list entity/individual names below.

3. Any person or entity that facilitated, or negotiated the terms of, the applicable contract (excluding legal services related to the negotiation or drafting of the applicable contract)

☐ Check here if none, otherwise list entity/individual names below.

Signature: Charles Ellis Date Signed: 10/13/2020

Notary Verification

State of WV, County of Logan:

I, Charles Ellis, the authorized agent of the contracting business entity listed above, being duly sworn, acknowledge that the Disclosure herein is being made under oath and under the penalty of perjury.

Taken, sworn to and subscribed before me this 13th day of Oct, 2020.

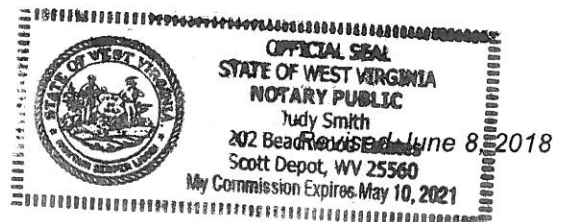
Judy Smith
Notary Public's Signature

To be completed by State Agency:

Date Received by State Agency: _____

Date submitted to Ethics Commission: _____

Governmental agency submitting Disclosure: Purchasing Division



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 exceeds 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:

Vendor's Name: THORNHILL FORD

Authorized Signature: *Charles Ellis* Date: 10/13/2020

State of WV

County of LOGAN, to-wit:

Taken, subscribed, and sworn to before me this 13 day of OCT., 2020.

My Commission expires 5/10/21, 20 .

AFFIX SEAL HERE



STATE OF WEST VIRGINIA
NOTARY PUBLIC
Judy Smith
202 Beachwood Estates
Scott Depot, WV 25560
My Commission Expires May 10, 2021

NOTARY PUBLIC

Judy Smith

Purchasing Affidavit (Revised 01/19/2018)

**Class 7 - Automobile
Mid Size Utility**

Vendor Name: THORNHILL FORD
 Manufacturer/Brand: FORD
 Model Name & Number: EXPLORER K8B

Vendor Contact: CHARLES ELLIS
 Phone No.: 304-855-8300
 Email: ceellis@mail.com

Vehicle Requirements:

Classification: Mid Size Utility
 Drive: 4 Wheel/All Wheel
 Passenger seating: 5 minimum (including driver)
 Doors: 4, minimum
 Wheelbase: 109 in., minimum
 GVWR: 6100 lbs. min, 7300 lbs. max.
 Engine: 6 cylinder minimum

Additional Requirements:

Tow Package: Installed Hitch and Wiring
 Slush/All-Weather Mats: Installed: Driver, Passenger, Cargo area

The vehicle bid shall include the standard equipment requirements as required in section 3.1.1.1 of the specification.

Manufacturer's Standard Available Colors	
Standard Color Code	Color Description
JS	SILVER
M7	GRAY
UM	BLACK
YZ	WHITE

Vendor Bid Response:

Vehicle fuel type	EPA HIGHWAY MPG Rating	EPA CITY MPG Rating	Unit Price	Total Life Cycle Cost
Gasoline	23	16	\$27937.00	\$41201.27
Flex-fuel				
Diesel				
CNG/Bifuel				
Hybrid				

***Options:**

FOB Dealership: (Deduct)

\$ _____

FOB Other than Metro Charleston - Per Mile

\$ _____

***Note -** The above delivery "options" above are not evaluated as part of the award.



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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Explorer 4dr 4x4 Base (K8B)

Price Level: 45

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
K8B	Base Vehicle Price (K8B)	\$34,765.00
Packages		
100A	Equipment Group 100A <i>Includes:</i> - Transmission: 10-Speed Automatic w/SelectShift <i>Includes Active Transmission Warm-Up (ATWU).</i> - 3.58 Non-Limited-Slip Rear Axle Ratio - GVWR: 6,160 lbs - Tires: P255/65R18 AS BSW <i>Includes mini spare.</i> - Wheels: 18" Painted Aluminum - Cloth Captain's Chairs <i>Includes 8-way power driver's seat with power recline, 4-way manual front passenger seat with fore/aft and recline and 4-way manually adjustable driver and front passenger head restraints.</i> - Radio: AM/FM Stereo <i>Includes MP3 capability, 6 speakers, speed-compensated volume and SiriusXM radio with a 6 month prepaid subscription. Service is not available in Alaska and Hawaii.</i> - FordPass Connect <i>Includes 4G LTE Wi-Fi hotspot connects up to 10 devices with wireless data trial that begins upon AT&T activation and expires at the end of 3 months or when 3GB of data is used, whichever comes first, but cannot extend beyond the trial subscription period for remote features. To activate, go to www.att.com/ford, remotely start, lock and unlock vehicle, schedule specific times to remotely start vehicle, locate parked vehicle and check vehicle status (FordPass Connect, the Ford Pass App., and Complimentary Connected Services are required for remote features (see FordPass terms for details). Connected Service and features depend on compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. Connected services excludes Wi-Fi hotspot.). Note: Ford Telematics and data services prep included for fleet only: FordPass Connect 4G Wi-Fi modem provides data to support telematics and data services including but not limited to vehicle location, speed, idle time, fuel, vehicle diagnostics and maintenance alerts. Device enables telematics services through Ford or authorized providers. Activate at www.fleet.ford.com or call 833-FCS-Ford. (833-327-3673).</i> - SYNC 3 Communications & Entertainment System <i>Includes enhanced voice recognition, 8" LCD capacitive touchscreen in center stack with swipe capability, AppLink, 911 Assist, Apple Car Play and Android Auto compatibility and 1 smart-charging multimedia USB port in the media hub.</i>	N/C
Powertrain		
44T	Transmission: 10-Speed Automatic w/SelectShift <i>Includes Active Transmission Warm-Up (ATWU).</i>	Included
STDAX	3.58 Non-Limited-Slip Rear Axle Ratio	Included
STDGV	GVWR: 6,160 lbs	Included
Wheels & Tires		
STDTR	Tires: P255/65R18 AS BSW <i>Includes mini spare.</i>	Included
STDWL	Wheels: 18" Painted Aluminum	Included

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.



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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Explorer 4dr 4x4 Base (K8B)

Price Level: 45

As Configured Vehicle (cont'd)

Code	Description	MSRP
Seats & Seat Trim		
7	Cloth Captain's Chairs <i>Includes 8-way power driver's seat with power recline, 4-way manual front passenger seat with fore/aft and recline and 4-way manually adjustable driver and front passenger head restraints.</i>	Included
Other Options		
PAINT	Monotone Paint Application	STD
119WB	119.1" Wheelbase	STD
STDRD	Radio: AM/FM Stereo	Included
	<p>SiriusXM audio and data services each require a subscription sold separately, or as a package, by Sirius XM radio inc. If you decide to continue service after your trial, the subscription plan you choose will automatically renew thereafter and you will be charged according to your chosen payment method at then-current rates. Fees and taxes apply. To cancel you must call SiriusXM at 1-866-635-2349. See SiriusXM customer agreement for complete terms at www.siriusxm.com. All fees and programming.</p> <p><i>Includes MP3 capability, 6 speakers, speed-compensated volume and SiriusXM radio with a 6 month prepaid subscription. Service is not available in Alaska and Hawaii.</i></p> <p><i>Includes:</i></p> <ul style="list-style-type: none"> - FordPass Connect - Includes 4G LTE Wi-Fi hotspot connects up to 10 devices with wireless data trial that begins upon AT&T activation and expires at the end of 3 months or when 3GB of data is used, whichever comes first, but cannot extend beyond the trial subscription period for remote features. To activate, go to www.att.com/ford, remotely start, lock and unlock vehicle, schedule specific times to remotely start vehicle, locate parked vehicle and check vehicle status (FordPass Connect, the Ford Pass App., and Complimentary Connected Services are required for remote features (see FordPass terms for details). Connected Service and features depend on compatible AT&T network availability. Evolving technology/cellular networks/vehicle capability may limit functionality and prevent operation of connected features. Connected services excludes Wi-Fi hotspot.). Note: Ford Telematics and data services prep included for fleet only: FordPass Connect 4G Wi-Fi modem provides data to support telematics and data services including but not limited to vehicle location, speed, idle time, fuel, vehicle diagnostics and maintenance alerts. Device enables telematics services through Ford or authorized providers. Activate at www.fleet.ford.com or call 833-FCS-Ford. (833-327-3673). - SYNC 3 Communications & Entertainment System - Includes enhanced voice recognition, 8" LCD capacitive touchscreen in center stack with swipe capability, AppLink, 911 Assist, Apple Car Play and Android Auto compatibility and 1 smart-charging multimedia USB port in the media hub. 	
52T	Class III Trailer Tow Package <i>Includes cargo area management system.</i>	\$710.00
16N	Front & Second Row Floor Liners	\$120.00
153	Front License Plate Bracket Standard in states requiring 2 license plates and optional to all others.	N/C
85W	Cargo Mat (Dealer Installed) Factory invoiced accessory.	\$100.00

Emissions

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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Explorer 4dr 4x4 Base (K8B)

Price Level: 45

As Configured Vehicle (cont'd)

Code	Description	MSRP
425	50 State Emissions System Flexible Fuel Vehicle (FFV) system is standard equipment for vehicles with the 3.3L Ti-VCT V6 FFV engine.	STD
Interior Colors		
7N_01	Sandstone	N/C
Primary Colors		
YZ_01	Oxford White	N/C
Fleet Options		
99B	Engine: 3.3L Ti-VCT V6 FFV (Fleet) Requires valid FIN code. Deletes standard active grille shutters.	N/C
SUBTOTAL		\$35,695.00
Destination Charge		\$1,245.00
TOTAL		\$36,940.00

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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Explorer 4dr 4x4 Base (K8B)

Price Level: 45

Selected Equip & Specs

Dimensions

- Exterior length: 198.8"
- Exterior height: 70.2"
- Front track: 66.9"
- Min ground clearance: 8.2"
- Rear legroom: 39.0"
- Front headroom: 40.7"
- 3rd row headroom: 38.9"
- Rear hiproom: 59.1"
- Front shoulder room: 61.8"
- 3rd row shoulder room: 54.6"
- Approach angle: 20.1 deg
- Cargo volume: 18.2cu.ft.
- Maximum cargo volume: 87.8cu.ft.
- Exterior width: 78.9"
- Wheelbase: 119.1"
- Rear track: 66.9"
- Front legroom: 43.0"
- 3rd row legroom: 32.2"
- Rear headroom: 40.5"
- Front hiproom: 59.2"
- 3rd row hiproom: 40.9"
- Rear shoulder room: 61.9"
- Passenger volume: 152.7cu.ft.
- Departure angle: 22 deg
- Cargo volume seats folded: 47.9cu.ft.

Powertrain

- * **EcoBoost 285hp 3.3L DOHC 24 valve V-6 engine with variable valve control, gasoline direct injection**
- Driver selectable mode
- LEV3-ULEV70
- Intelligent 4WD four-wheel
- * **Fuel Economy Highway: 23 mpg**
- Auto stop-start feature
- * **Recommended fuel : regular unleaded**
- 10 speed automatic transmission with overdrive
- * **Fuel Economy City: 16 mpg**
- Capless fuel filler

Suspension/Handling

- Front independent strut suspension with anti-roll bar, gas-pressurized shocks
- Speed-sensing electric power-assist rack-pinion Steering
- P255/65HR18 BSW AS front and rear tires
- Rear independent multi-link suspension with anti-roll bar, gas-pressurized shocks
- Front and rear 18 x 7.5 silver aluminum wheels

Body Exterior

- 4 doors
- Black door mirrors
- Body-coloured bumpers
- * **Trailer harness**
- Front and rear 18 x 7.5 wheels
- Driver and passenger power remote, manual folding door mirrors
- Lip rear spoiler
- * **Class III trailer hitch with trailer sway control**
- Clearcoat paint

Convenience

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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Explorer 4dr 4x4 Base (K8B)

Price Level: 45

Selected Equip & Specs (cont'd)

- Dual zone front automatic air conditioning with air filter
- Cruise control with steering wheel controls
- Driver and passenger 1-touch up
- Remote power door locks with 2 stage unlock and illuminated entry
- Trunk/hatch auto-latch
- Manual telescopic steering wheel
- FordPass Connect 4G internet access
- Wireless phone connectivity
- Front and rear cupholders
- Full floor console
- Rear door bins
- Rear HVAC with separate controls
- Power windows
- Driver and passenger 1-touch down
- Extra FOB controls cargo access
- Manual tilt steering wheel
- Day-night rearview mirror
- SYNC 3 911 Assist emergency SOS
- 2 1st row LCD monitors
- Dual expandable coverage illuminated visor mirrors
- Driver and passenger door bins

Seats and Trim

- Seating capacity of 7
- 8-way power driver seat adjustment
- 4-way passenger seat adjustment
- 35-30-35 folding rear bench seat
- Cloth seat upholstery
- Metal-look console insert
- Front bucket seats
- Power height adjustable driver seat
- Centre front armrest
- 50-50 3rd row bench seat
- Metal-look/piano black instrument panel insert

Entertainment Features

- SiriusXM AM/FM/Satellite radio
- Steering wheel mounted radio controls
- Streaming audio
- SYNC 3 external memory control
- 6 speakers
- Integrated roof antenna

Lighting, Visibility and Instrumentation

- LED low/high beam aero-composite headlights
- Fully automatic headlights
- Variable intermittent front windshield wipers
- Fixed interval rear windshield wiper
- Fixed rearmost windows
- Front and rear reading lights
- Compass
- Camera(s) - rear with washer
- Trip computer
- Trip odometer
- Ford Co-Pilot360 - Blind Spot Information System (BLIS) blind spot
- Delay-off headlights
- LED brakelights
- Speed sensitive wipers
- Rear window defroster
- Deep tinted windows
- Tachometer
- Outside temperature display
- Low tire pressure warning
- Reverse Sensing System parking sensors
- Lane departure

Safety and Security

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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Explorer 4dr 4x4 Base (K8B)

Price Level: 45

Selected Equip & Specs (cont'd)

- 4-wheel ABS brakes
- Electric parking brake
- AdvanceTrac w/Roll Stability Control Electronic stability control
- Dual front impact airbag supplemental restraint system
- Safety Canopy System curtain 1st, 2nd and 3rd row overhead airbag supplemental restraint system
- Airbag supplemental restraint system occupancy sensor
- SecuriLock immobilizer
- Manually adjustable front head restraints with tilt
- Ford Co-Pilot360 - Blind Spot Information System (BLIS) blind spot
- Brake assist with hill descent control with hill hold control
- 4-wheel disc brakes
- Terrain Management System ABS and driveline traction control
- Dual seat mounted side impact airbag supplemental restraint system
- Knee airbag supplemental restraint system
- Power remote door locks with 2 stage unlock and panic alarm
- MyKey restricted driving mode
- 3 manually adjustable rear head restraints
- Ford Co-Pilot360 - Pre-Collision Assist with Pedestrian Detection Feature

Dimensions

General Weights

Curb	4,345 lbs.	GVWR	6,160 lbs.
------	------------	------	------------

Trailer Type

* Type	Regular	* Harness	Yes
* Class	III	* Hitch	Yes
Trailer sway control	Yes		

General Trailering

Towing capacity	5300 lbs.
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Fuel Tank type

Capacity	19.21 gal.	Capless fuel filler	Yes
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Off Road

Approach angle	20 deg	Departure angle	22 deg
Ramp breakover angle	17 deg	Min ground clearance	8 "
Load floor height	33 "		

Interior cargo

Cargo volume	18.2 cu.ft.	Cargo volume seats folded	47.9 cu.ft.
Maximum cargo volume	87.8 cu.ft.	Height	32.8 "
Length	83.9 "	Length to rear seat	49.8 "
Length to 3rd row seat	20.8 "	Minimum width	48.1 "
Maximum width	59.0 "		

Powertrain

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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Explorer 4dr 4x4 Base (K8B)

Price Level: 45

Selected Equip & Specs (cont'd)

Engine Type

Brand EcoBoost
 * Cylinders V-6
 Ignition Spark
 * Liters 3.3L
 * Recommended fuel Regular unleaded
 Valvetrain DOHC

* Block material Iron
 Head material Aluminum
 Injection Gasoline direct injection
 Orientation Longitudinal
 Valves per cylinder 4
 Variable valve control Yes

Engine Spec

Bore 3.44"
 * Displacement 204 cu.in.

* Compression ratio 12.0:1
 Stroke 3.70"

Engine Power

SAEJ1349 AUG2004 compliant Yes
 * Torque 260 ft.-lb @ 4,000 RPM

* Output 285 HP @ 6,500 RPM

Alternator

Amps 0

Battery

Run down protection Yes

Engine Extras

Oil cooler Yes
 Driver selectable mode Yes

Auto stop-start feature Yes

Transmission

Electronic control Yes
 Overdrive Yes
 Type Automatic

Lock-up Yes
 Speed 10

Transmission Gear Ratios

1st 4.714
 3rd 2.149
 5th 1.521
 7th 1
 9th 0.689
 Reverse Gear ratios 4.885

2nd 2.997
 4th 1.769
 6th 1.275
 8th 0.853
 10th 0.636

Transmission Extras

Driver selectable mode Yes

Sequential shift control SelectShift

Drive Type

4wd type Intelligent 4WD automatic full-time

Type Four-wheel

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Explorer 4dr 4x4 Base (K8B)

Price Level: 45

Selected Equip & Specs (cont'd)

Mount	Inside under cargo	Type	Compact
<i>Wheels</i>			
Front track	66.9"	Rear track	66.9"
Turning radius (to curb)	19'	Wheelbase	119.1"

Body Features

* Front license plate bracket	Yes	Rear spoiler	Lip
Body material	Galvanized steel/aluminum	Side impact beams	Yes
Active grille shutters	Yes		

Body Doors

Door count	4	Left rear passenger	Conventional
Right rear passenger	Conventional	Rear cargo	Power liftgate

Exterior Dimensions

Length	198.8"	Body width	78.9"
Body height	70.2"		

Safety

Airbags

Driver front-impact	Yes	Driver side-impact	Seat mounted
Occupancy sensor	Yes	Overhead	Safety Canopy System curtain 1st, 2nd and 3rd row
Passenger front-impact	Yes	Passenger side-impact	Seat mounted
Knee	Driver and passenger		

Seatbelt

Rear centre 3 point	Yes	Height adjustable	Front
Pre-tensioners	Front	Pre-tensioners (#)	2

Security

Immobilizer	SecuriLock	Panic alarm	Yes
Restricted driving mode	MyKey		

Seating

Passenger Capacity

Capacity	7
----------	---

Front Seats

Split	Buckets	Type	Bucket
-------	---------	------	--------

Driver Seat

Fore/aft	Power	Height adjustable	Power
Reclining	Power	Way direction control	8

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Explorer 4dr 4x4 Base (K8B)

Price Level: 45

Selected Equip & Specs (cont'd)

Cushion tilt	Power		
<i>Passenger seat</i>			
Fore/aft	Manual	Reclining	Manual
Way direction control	4		
<i>Front Head Restraint</i>			
Control	Manual	Type	W/tilt
<i>Front Armrest</i>			
Centre	Yes		
<i>Rear Seats</i>			
Descriptor	Bench	Facing	Front
Folding	35-30-35	Folding position	Fold forward seatback
Type	Fixed	Reclining	Manual
Fore/aft	Manual		
<i>Rear Head Restraints</i>			
Control	Manual	Type	Adjustable
Number	3		
<i>3rd Row Seats</i>			
Type	Fixed	Folding	50-50
Descriptor	Bench	Facing	Front
Fold into floor	Manual		
<i>3rd Row Head Restraint</i>			
Type	Fixed	Number	2
<i>Front Seat Trim</i>			
Material	Cloth	Back material	Plastic
<i>Rear Seat Trim Group</i>			
Material	Cloth	Back material	Carpet
<i>3rd Row Seat Trim</i>			
Material	Cloth	Back material	Carpet

Convenience

AC And Heat Type

Air conditioning	Automatic	Dual zone front	Yes
Rear HVAC	With separate controls	Air filter	Yes
Underseat ducts	Yes	Voice activation	Yes
Headliner/pillar ducts	Yes		

Audio System

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Explorer 4dr 4x4 Base (K8B)

Price Level: 45

Selected Equip & Specs (cont'd)

Radio	SiriusXM AM/FM/Satellite	Radio grade	Regular
Seek-scan	Yes	External memory control	SYNC 3
Internal memory	Yes	Internet radio	Yes
Audio Speakers		Speakers	6
Speaker type	Regular		
Audio Controls		Steering wheel controls	Yes
Speed sensitive volume	Yes	Streaming audio	Bluetooth yes
Voice activation	Yes		
Audio Antenna			
Type	Integrated roof		
LCD Monitors		Primary monitor size (inches)	8
1st row	2		
Cruise Control			
Cruise control	With steering wheel controls		
Remote Releases			
Cargo access	Power		
Convenience Features		Driver foot rest	Yes
Trunk/hatch auto-latch	Yes	12V DC power outlet	5
Retained accessory power	Yes	Wireless phone connectivity	Bluetooth
Emergency SOS	SYNC 3 911 Assist		
Smart device integration	Mirroring		
Door Lock Activation		Remote	Keyfob (all doors)
Type	Power with 2 stage unlock	Auto locking	Yes
Integrated key/remote	Yes		
Door Lock Type		Tailgate/rear door lock	Included with power door locks
Rear child safety	Manual		
Door Locks Extra FOB Controls		Remote engine start	Smart device only
Cargo access	Yes		
Instrumentation Type			
Display	Analog		
Instrumentation Gauges		Engine temperature	Yes
Tachometer	Yes		
Oil level	Yes		
Instrumentation Warnings		Engine temperature	Yes
Oil pressure	Yes		

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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Explorer 4dr 4x4 Base (K8B)

Price Level: 45

Selected Equip & Specs (cont'd)

Battery	Yes
Key	Yes
Low washer fluid	Yes
Door ajar	Yes
Service interval	Yes
Low tire pressure	Tire specific

Lights on	Yes
Low fuel	Yes
Lighting malfunction	Yes
Rear cargo ajar	Yes
Brake fluid	Yes
Transmission fluid temp	Yes

Instrumentation Displays

Clock	In-dash
Exterior temp	Yes
Redundant digital speedometer	Yes

Compass	Yes
Systems monitor	Yes
Camera(s) - rear	With washer

Instrumentation Feature

Trip computer	Yes
Parking sensors	Rear
Blind spot	Warning
Rear collision	Warning

Trip odometer	Yes
Lane departure	Active
Forward collision	Mitigation
Pedestrian detection	Prevention

Steering Wheel Type

Material	Urethane
Telescoping	Manual

Tilting	Manual
---------	--------

Front Side Windows

Window 1st row activation	Power
---------------------------	-------

Windows Rear Side

2nd row activation	Power
--------------------	-------

3rd row activation	Fixed
--------------------	-------

Window Features

1-touch down	Driver and passenger
Tinted	Deep

1-touch up	Driver and passenger
------------	----------------------

Front Windshield

Wiper	Variable intermittent
-------	-----------------------

Speed sensitive wipers	Yes
------------------------	-----

Rear Windshield

Wiper	Fixed interval
Defroster	Yes

Heating	Wiper park
Window	Fixed

Interior

Driver Visor

Illuminated	Yes
Mirror	Yes

Expandable coverage	Yes
---------------------	-----

Passenger Visor

Illuminated	Yes
-------------	-----

Expandable coverage	Yes
---------------------	-----

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and destination pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.



Prepared by: CHARLES ELLIS
10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Explorer 4dr 4x4 Base (K8B)

Price Level: 45

Warranty

Standard Warranty

<i>Basic</i>			
Distance	36,000 miles	Months	36 months
<i>Powertrain</i>			
Distance	60,000 miles	Months	60 months
<i>Corrosion Perforation</i>			
Distance	Unlimited miles	Months	60 months
<i>Roadside Assistance</i>			
Distance	60,000 miles	Months	60 months
<i>Accessories</i>			
Distance	36,000 miles	Months	36 months

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.

**Class 10 - Automobile
Mid-Size Pick Up Extended Cab**

Vendor Name: THORNHILL FORD
Manufacturer/Brand: FORD
Model Name & Number: RANGER R1F

Vendor Contact: CHARLES ELLIS
Phone No.: 304-855-8300
Email: CEELLIS@MAIL.COM

Vehicle Requirements:

Classification: Mid-Size Pick Up Extended Cab
Drive: 4 Wheel/All wheel with Hi/Lo Range
Passenger seating: 4 minimum (including driver)
Doors: 4, minimum
Wheelbase: 120in., minimum
GVWR: 5400 lbs. min, 6250 lbs. max.
Engine: Minimum acceptable Engines:
Gas: Non-Turbo- 6 cylinder minimum
Gas: Turbo - 4 cylinder minimum
Diesel: 4 cylinder minimum
Off Road Package: Includes but not limited to: Limited Slip rear axle, traction lock differential, heavy duty engine cooling, skid plates, heavy duty suspension with gas shocks, tow hooks and all terrain tires.
Tow Package: Installed Hitch & Wiring
Slush/All weather Mats: Installed on driver and passenger front and second row, except where vinyl floor covering is present.
Bed: Short, with installed spray-in liner.
Sliding rear window: Not required.

Manufacturer's Standard Available Colors	
Standard Color Code	Color Description
E7	BLUE
G1	BLACK
JS	SILVER
M7	GRAY
PQ	RED
YZ	WHITE

Additional Requirements:

The vehicle bid shall include the standard equipment requirements as required in section 3.1.1.1 of the specification.

Vendor Bid Response:				
Vehicle fuel type	EPA HIGHWAY MPG Rating	EPA CITY MPG Rating	Unit Price	Total Life Cycle Cost
Gasoline	26	21	\$27158.00	\$38364.53
Flex-fuel				
Diesel				
CNG/Bifuel				
Hybrid				

***Options:**

FOB Dealership: (Deduct)

\$ _____

FOB Other than Metro Charleston - Per Mile

\$ _____

*Note - The above delivery "options" above are not evaluated as part of the award.



Prepared by: CHARLES ELLIS

10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 Ranger 4x4 SuperCab 6' box 126.8" WB XL (R1F)

Price Level: 115

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
R1F	Base Vehicle Price (R1F)	\$28,675.00
Packages		
101A	Equipment Group 101A High <i>Includes:</i> - Engine: 2.3L EcoBoost - Includes auto start-stop technology. - Transmission: Electronic 10-Speed SelectShift Auto - GVWR: 6,050 lbs - Radio: AM/FM Stereo - Includes Bluetooth pass thru and 1 USB port. - Cruise Control - Day/Night Rearview Mirror - Perimeter Anti-Theft Alarm - Power Glass Sideview Mirrors - Remote Key Fob w/Tailgate Lock - 6 Speakers - SYNC Includes enhanced voice recognition communications and entertainment system, 911 Assist, 4.2" LCD display in center stack, AppLink and 1 smart charging USB port.	\$1,135.00
Powertrain		
99H	Engine: 2.3L EcoBoost <i>Includes auto start-stop technology.</i>	Included
44U	Transmission: Electronic 10-Speed SelectShift Auto	Included
X73	Electronic-Locking Rear Differential	Included
STDGV	GVWR: 6,050 lbs	Included
Wheels & Tires		
TGT	Tires: 17" Off-Road OWL	Included
64Y_	Wheels: 17" Silver-Painted Aluminum	Included
Seats & Seat Trim		
L	Front Premium Cloth Bucket Seats <i>Includes 8-way manual adjustable driver including lumbar, 6-way manual adjustable passenger and driver and passenger manual reclining seats.</i>	Included
Other Options		
126WB	126.8" Wheelbase	STD

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Prepared by: CHARLES ELLIS

10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 Ranger 4x4 SuperCab 6' box 126.8" WB XL (R1F)

Price Level: 115

As Configured Vehicle (cont'd)

Code	Description	MSRP
PAINT	Monotone Paint Application	STD
STDRD	Radio: AM/FM Stereo <i>Includes Bluetooth pass thru and 1 USB port.</i>	Included
914	FX4 Off-Road Package <i>Includes exposed steel bash plate and removes front air dam.</i> <i>Includes:</i> - FX4 Off-Road Box Decal - Tires: 17" Off-Road OWL - Electronic-Locking Rear Differential - Off-Road Screen in Cluster - Off-Road Tuned Suspension - Skid Plates <i>Includes radiator, electronic power-assist steering (EPAS), transfer case and fuel tank guard.</i> - Terrain Management System <i>Includes Trail Control.</i>	\$1,295.00
76F	STX Appearance Package <i>Includes:</i> - Wheels: 17" Silver-Painted Aluminum - STX Box Decal - Fog Lamps - Front Premium Cloth Bucket Seats <i>Includes 8-way manual adjustable driver including lumbar, 6-way manual adjustable passenger and driver and passenger manual reclining seats.</i>	\$1,095.00
53R	Trailer Tow Package <i>Includes towing capability up to TBD lbs and 4-pin/7-pin wiring harness.</i> <i>Includes:</i> - Class IV Trailer Hitch Receiver	\$495.00
153	Front License Plate Bracket <i>Standard in states requiring 2 license plates and optional to all others.</i>	N/C
86S	Tough Bed Spray-In Bedliner Ford accessory.	\$495.00
Emissions		
425	50-State Emissions System	STD
Interior Colors		
LH_01	Ebony	N/C
Primary Colors		
YZ_01	Oxford White	N/C
SUBTOTAL		\$33,190.00
Destination Charge		\$1,195.00

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 Ranger 4x4 SuperCab 6' box 126.8" WB XL (R1F)

Price Level: 115

As Configured Vehicle (cont'd)

Code	Description	MSRP
TOTAL		\$34,385.00

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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 Ranger 4x4 SuperCab 6' box 126.8" WB XL (R1F)

Price Level: 115

Selected Equip & Specs

Dimensions

- Exterior length: 210.8"
- Exterior height: 71.1"
- Front track: 61.4"
- Turning radius: 21.0'
- Front legroom: 43.1"
- Front headroom: 41.0"
- Front hiproom: 55.8"
- Front shoulder room: 56.6"
- Passenger volume: 89.2cu.ft.
- Departure angle: 25.4 deg
- Maximum cargo volume: 26.5cu.ft.
- Exterior width: 77.8"
- Wheelbase: 126.8"
- Rear track: 61.4"
- Min ground clearance: 8.9"
- Rear legroom: 30.4"
- Rear headroom: 35.9"
- Rear hiproom: 55.3"
- Rear shoulder room: 55.2"
- Approach angle: 28.7 deg
- Cargo volume: 26.5cu.ft.
- Box length: 72.0"

Powertrain

- EcoBoost 270hp 2.3L DOHC 16 valve intercooled turbo I-4 engine with variable valve control, gasoline direct injection
- Recommended fuel : regular unleaded
- 10 speed automatic transmission with overdrive
- Fuel Economy City: 20 mpg
- Capless fuel filler
- Auto stop-start feature
- LEV3-ULEV70
- Part-time
- Fuel Economy Highway: 24 mpg

Suspension/Handling

- Front independent short and long arm suspension with anti-roll bar, gas-pressurized shocks
- * **Off-road ride Suspension**
- * **Front and rear 17 x 7.5 silver aluminum wheels**
- Rear rigid axle leaf spring suspension with gas-pressurized shocks
- Speed-sensing electric power-assist rack-pinion Steering
- * **P265/65SR17 OWL AT front and rear tires**

Body Exterior

- 4 doors
- Reverse opening right rear passenger
- Black door mirrors
- * **Class IV trailer hitch with trailer sway control**
- Trailer harness
- Clearcoat paint
- * **Front and rear 17 x 7.5 wheels**
- Reverse opening left rear passenger
- * **Driver and passenger power remote, manual folding door mirrors**
- Black bumpers
- Bed-rail protectors
- Box style: regular
- * **Decal**
- 2 front tow hook(s)

Convenience

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2021 Ranger 4x4 SuperCab 6' box 126.8" WB XL (R1F)

Price Level: 115

Selected Equip & Specs (cont'd)

- Manual air conditioning
- Power front windows
- Driver 1-touch down
- Manual tilt steering wheel
- Day-night rearview mirror
- * **Emergency SOS**
- * **AppLink smart device integration**
- Front and rear cupholders
- Driver and passenger door bins
- * **Cruise control with steering wheel controls**
- Driver 1-touch up
- * **Remote power door locks with 2 stage unlock and illuminated entry**
- Manual telescopic steering wheel
- FordPass Connect 4G internet access
- Wireless phone connectivity
- 1 1st row LCD monitor
- Full floor console
- Rear door bins

Seats and Trim

- Seating capacity of 4
- * **4-way driver seat adjustment**
- Manual height adjustable driver seat
- Centre front armrest
- * **Premium cloth seat upholstery**
- Front bucket seats
- Manual driver lumbar support
- * **4-way passenger seat adjustment**
- Full folding rear bench seat

Entertainment Features

- AM/FM stereo radio
- * **Steering wheel mounted radio controls**
- Streaming audio
- * **SYNC external memory control**
- * **6 speakers**
- Integrated roof antenna

Lighting, Visibility and Instrumentation

- Halogen projector beam headlights
- Fully automatic headlights
- LED brakelights
- Light tinted windows
- Oil pressure gauge
- Camera(s) - rear
- Trip computer
- Delay-off headlights
- * **Front fog lights**
- Variable intermittent front windshield wipers
- Voltmeter
- Compass
- Low tire pressure warning
- Trip odometer

Safety and Security

- 4-wheel ABS brakes
- 4-wheel disc brakes
- ABS and driveline traction control
- Dual seat mounted side impact airbag supplemental restraint system
- * **Brake assist with hill descent control with hill hold control**
- AdvanceTrac w/Roll Stability Control Electronic stability control
- Dual front impact airbag supplemental restraint system
- Safety Canopy System curtain 1st and 2nd row overhead airbag supplemental restraint system

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2021 Ranger 4x4 SuperCab 6' box 126.8" WB XL (R1F)

Price Level: 115

Selected Equip & Specs (cont'd)

- Airbag supplemental restraint system occupancy sensor
- * **Security system with SecuriLock immobilizer and stolen vehicle tracking system**
- Manually adjustable front head restraints with tilt
- Ford Co-Pilot360 - Pre-Collision Assist with Automatic Emergency Braking (AEB) Feature
- * **Power remote door locks with 2 stage unlock and panic alarm**
- MyKey restricted driving mode
- Manually adjustable rear head restraints

Dimensions

General Weights

Curb	4,354 lbs.	GVWR	6,050 lbs.
Payload	1,650 lbs.		

Front Weights

Front GAWR	3,108 lbs.	Front curb weight	2,544 lbs.
Front axle capacity	3,108 lbs.	Front spring rating	3,108 lbs.
Front tire/wheel capacity	3,240 lbs.		

Rear Weights

Rear GAWR	3,370 lbs.	Rear curb weight	1,810 lbs.
Rear axle capacity	3,370 lbs.	Rear spring rating	3,370 lbs.
Rear tire/wheel capacity	3,240 lbs.		

Trailer Type

* Type	Regular	Harness	Yes
* Class	IV	* Hitch	Yes
Trailer sway control	Yes		

General Trailering

* Towing capacity	7500 lbs.	* GCWR	12400 lbs.
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Fuel Tank type

Capacity	17.99 gal.	Capless fuel filler	Yes
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Off Road

Approach angle	29 deg	Departure angle	25 deg
Ramp breakover angle	22 deg	Min ground clearance	9 "
Load floor height	34 "		

Exterior cargo

Length	72.0 "	Minimum width	44.8 "
Volume	51.8 cu.ft.	Pickup box depth	20.8 "
Maximum width	61.4 "	Tailgate width	55.4 "

Interior cargo

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2021 Ranger 4x4 SuperCab 6' box 126.8" WB XL (R1F)

Price Level: 115

Selected Equip & Specs (cont'd)

Cargo volume 26.5 cu.ft.

Maximum cargo volume 26.5 cu.ft.

Powertrain

Engine Type

Brand EcoBoost
Cylinders I-4
Ignition Spark
Liters 2.3L
Recommended fuel Regular unleaded
Valvetrain DOHC
Forced induction Intercooled turbo

Block material Aluminum
Head material Aluminum
Injection Gasoline direct injection
Orientation Transverse
Valves per cylinder 4
Variable valve control Yes

Engine Spec

Bore 3.44"
Displacement 140 cu.in.

Compression ratio 10.0:1
Stroke 3.70"

Engine Power

SAEJ1349 AUG2004 compliant Yes
Torque 310 ft.-lb @ 3,000 RPM

Output 270 HP @ 5,500 RPM

Alternator

Amps 150

Battery

Amp hours 70
Run down protection Yes

Cold cranking amps 700

Engine Extras

Auto stop-start feature Yes

Transmission

Electronic control Yes
Overdrive Yes
Type Automatic

Lock-up Yes
Speed 10

Transmission Gear Ratios

1st 4.696
3rd 2.146
5th 1.52
7th 1
9th 0.689
Reverse Gear ratios 4.866

2nd 2.985
4th 1.769
6th 1.275
8th 0.854
10th 0.636

Transmission Extras

Driver selectable mode Yes

Sequential shift control SelectShift

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2021 Ranger 4x4 SuperCab 6' box 126.8" WB XL (R1F)

Price Level: 115

Selected Equip & Specs (cont'd)

Drive Type

4wd type Part-time

Type Four-wheel

Drive Feature

Traction control ABS and driveline

Locking hub control Auto

Transfer case shift Electronic

* **Rear locking differential** **Driver selectable**

Drive Axle

Ratio 3.73

Exhaust

Material Stainless steel

System type Single

Emissions

CARB LEV3-ULEV70

EPA Tier 3 Bin 70

Fuel Economy

City 20 mpg

Highway 24 mpg

Fuel type Gasoline

Combined 22 mpg

Green Values

Energy Impact Score (Barrels per year) 15.0

Carbon FP / Tailpipe and upstream total GHG (CO₂, tons per year) 8.1

Driveability

Brakes

ABS 4-wheel

ABS channels 4

Type 4-wheel disc

Vented discs Front

Brake Assistance

Brake assist Yes

* **Hill descent control** **Yes**

Hill hold control Yes

Suspension Control

* **Ride** **Off-road**

Electronic stability control Stability control with anti-roll

Front Suspension

Independence Independent

Type Short and long arm

Anti-roll bar Regular

Front Spring

Type Coil

Grade Regular

Front Shocks

Type Gas-pressurized

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2021 Ranger 4x4 SuperCab 6' box 126.8" WB XL (R1F)

Price Level: 115

Selected Equip & Specs (cont'd)

Rear Suspension

Independence Rigid axle Type Leaf

Rear Spring

Type Leaf Grade Regular

Rear Shocks

Type Gas-pressurized

Steering

Speed-sensing Yes Activation Electric power-assist

Type Rack-pinion

Steering Specs

of wheels 2

Exterior

Front Wheels

* Diameter 17" * Width 7.50"

Rear Wheels

* Diameter 17" * Width 7.50"

Spare Wheels

Wheel material Steel

Front and Rear Wheels

Appearance Silver * Material Aluminum

Front Tires

* Aspect 65 * Diameter 17"

* Sidewalls OWL Speed S

* Tread AT Type P

* Width 265mm

Rear Tires

* Aspect 65 * Diameter 17"

* Sidewalls OWL Speed S

* Tread AT Type P

* Width 265mm

Spare Tire

Mount Underbody w/crankdown Type Full-size

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2021 Ranger 4x4 SuperCab 6' box 126.8" WB XL (R1F)

Price Level: 115

Selected Equip & Specs (cont'd)

Wheels

Front track	61.4"	Rear track	61.4"
Turning radius	21.0'	Wheelbase	126.8"

Body Features

* Front license plate bracket	Yes	* Skid plate(s)	3
Body material	Galvanized steel/aluminum	Side impact beams	Yes
Front tow hook(s)	2		

Body Doors

Door count	4	Left rear passenger	Reverse opening
Right rear passenger	Reverse opening	Rear cargo	Tailgate

Pickup

* Bed liner	Spray-in	Box style	Regular
Bed-rail protectors	Yes		

Exterior Dimensions

Length	210.8"	Body width	77.8"
Body height	71.1"	Front bumper to Front axle	35.8"
Front bumper to back of cab	132.1"		

Safety

Airbags

Driver front-impact	Yes	Driver side-impact	Seat mounted
Occupancy sensor	Yes	Overhead	Safety Canopy System curtain 1st and 2nd row
Passenger front-impact	Yes	Passenger side-impact	Seat mounted

Seatbelt

Height adjustable	Front	Pre-tensioners	Front
Pre-tensioners (#)	2		

Security

Immobilizer	SecuriLock	* Panic alarm	Yes
Restricted driving mode	MyKey		

Seating

Passenger Capacity

Capacity	4
----------	---

Front Seats

Split	Buckets	Type	Bucket
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2021 Ranger 4x4 SuperCab 6' box 126.8" WB XL (R1F)

Price Level: 115

Selected Equip & Specs (cont'd)

Driver Seat

Fore/aft Manual
 Reclining Manual
 Lumbar support Manual

Height adjustable Manual
 * Way direction control 4

Passenger seat

Fore/aft Manual
 * Way direction control 4

Reclining Manual
 Height adjustable Manual

Front Head Restraint

Control Manual

Type W/tilt

Front Armrest

Centre Yes

Rear Seats

Descriptor Bench
 Folding Full
 Type Removable

Facing Front
 Folding position Fold-up cushion

Rear Head Restraints

Control Manual
 Number 2

Type Adjustable

Front Seat Trim

* Material Premium cloth

Back material Cloth

Rear Seat Trim Group

* Material Premium cloth

Back material Carpet

Convenience

AC And Heat Type

Air conditioning Manual

Underseat ducts Yes

Audio System

Radio AM/FM stereo
 Seek-scan Yes

Radio grade Regular
 * External memory control SYNC

Audio Speakers

Speaker type Regular

* Speakers 6

Audio Controls

Speed sensitive volume Yes
 * Voice activation Yes

* Steering wheel controls Yes
 Streaming audio Bluetooth yes

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2021 Ranger 4x4 SuperCab 6' box 126.8" WB XL (R1F)

Price Level: 115

Selected Equip & Specs (cont'd)

Audio Antenna

Type Integrated roof

LCD Monitors

1st row 1 * Primary monitor size (inches) 4.2

Cruise Control

* Cruise control With steering wheel controls

Convenience Features

Retained accessory power Yes 12V DC power outlet 3
 * Emergency SOS Mobile device Wireless phone connectivity Bluetooth
 * Smart device integration App link

Door Lock Activation

* Type Power with 2 stage unlock * Remote Keyfob (front doors)
 * Integrated key/remote Yes * Auto locking Yes

Door Lock Type

* Tailgate/rear door lock Included with power door locks

Door Locks Extra FOB Controls

Remote engine start Smart device only

Instrumentation Type

Display Analog

Instrumentation Gauges

Oil pressure Yes Engine temperature Yes
 Voltmeter Yes * Inclinator Yes
 Transmission fluid temp Yes

Instrumentation Warnings

Oil pressure Yes Engine temperature Yes
 Battery Yes Lights on Yes
 Key Yes Low fuel Yes
 Door ajar Yes Service interval Yes
 Brake fluid Yes Low tire pressure Tire specific

Instrumentation Displays

Clock In-radio display Compass Yes
 Camera(s) - rear Yes

Instrumentation Feature

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2021 Ranger 4x4 SuperCab 6' box 126.8" WB XL (R1F)

Price Level: 115

Selected Equip & Specs (cont'd)

Trip computer Yes
Forward collision Mitigation

Trip odometer Yes
Pedestrian detection Warning

Steering Wheel Type

Material Urethane
Telescoping Manual

Tilting Manual

Front Side Windows

Window 1st row activation Power

Windows Rear Side

2nd row activation Fixed

Window Features

1-touch down Driver
Tinted Light

1-touch up Driver

Front Windshield

Wiper Variable intermittent

Rear Windshield

Window Fixed

Interior

Rear View Mirror

Day-night Yes

Headliner

Coverage Full

Material Cloth

Floor Trim

Coverage Full

Covering Vinyl/rubber

Trim Feature

Gear shifter material Urethane
Interior accents Chrome

Cabback insulator Yes

Lighting

Dome light type Fade
Variable IP lighting Yes

Illuminated entry Yes

Floor Console Storage

Storage Covered

Type Full

Storage

Driver door bin Yes
Glove box Locking
Rear yes Yes

Front Beverage holder(s) Yes
Passenger door bin Yes
Instrument panel Bin

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2021 Ranger 4x4 SuperCab 6' box 126.8" WB XL (R1F)

Price Level: 115

Selected Equip & Specs (cont'd)

Dashboard	Yes	Rear door bins	Yes
2nd row underseat	Yes		
<i>Legroom</i>			
Front	43.1"	Rear	30.4"
<i>Headroom</i>			
Front	41.0"	Rear	35.9"
<i>Hip Room</i>			
Front	55.8"	Rear	55.3"
<i>Shoulder Room</i>			
Front	56.6"	Rear	55.2"
<i>Interior Volume</i>			
Passenger volume	89.2 cu.ft.		

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 Ranger 4x4 SuperCab 6' box 126.8" WB XL (R1F)

Price Level: 115

Warranty

Standard Warranty

Basic

Distance	36,000 miles	Months	36 months
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Powertrain

Distance	60,000 miles	Months	60 months
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Corrosion Perforation

Distance	Unlimited miles	Months	60 months
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Roadside Assistance

Distance	60,000 miles	Months	60 months
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**Class 11 - Automobile
Mid-Size Pick Up Crew Cab**

Vendor Name: THORNHILL FORD
Manufacturer/Brand: FORD
Model Name & Number: RANGER R4F

Vendor Contact: CHARLES ELLIS
Phone No.: 304-855-8300
Email: CEELLIS@MAIL.COM

Vehicle Requirements:

Classification: Mid-Size Pick Up Crew Cab
Drive: 4 Wheel/All Wheel with High & Low Range
Passenger seating: 4 minimum (including driver)
Doors: 4 full doors, minimum
Wheelbase: 120 in., minimum
GVWR: 5400 lbs. min, 6250 lbs. max.
Engine: Minimum acceptable Engines:
Gas: Non-Turbo- 6 cylinder minimum
Gas: Turbo - 4 cylinder minimum
Diesel: 4 cylinder minimum
Off Road Package: Includes but not limited to: Limited Slip rear axle, traction lock differential, heavy duty engine cooling, skid plates, heavy duty suspension with gas shocks, tow hooks and all terrain tires.
Tow Package: Installed Hitch & Wiring
Slush/ all-Weather mats Installed on driver and passenger front and second row, except where vinyl floor covering is present.
Bed: Long bed with installed spray-in bedliner
Sliding Rear Window: Not Required

Manufacturer's Standard Available Colors	
Standard Color Code	Color Description
E7	BLUE
G1	BLACK
JS	SILVER
YZ	WHITE
M7	GRAY
PQ	RED

Additional Requirements:

The vehicle bid shall include the standard equipment requirements as required in section 3.1.1.1 of the specification.

Vendor Bid Response:

Vehicle fuel type	EPA HIGHWAY MPG Rating	EPA CITY MPG Rating	Unit Price	Total Life Cycle Cost
Gasoline	26	21	\$29336.00	\$40542.53
Flex-fuel				
Diesel				
CNG/Bifuel				
Hybrid				

***Options:**

FOB Dealership: (Deduct)

FOB Other than Metro Charleston - Per Mile

\$ _____
\$ _____

*Note - The above delivery "options" above are not evaluated as part of the award.



Prepared by: CHARLES ELLIS

10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 Ranger 4x4 SuperCrew 5' box 126.8" WB XL (R4F)

Price Level: 115

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
R4F	Base Vehicle Price (R4F)	\$31,075.00
Packages		
101A	Equipment Group 101A High <i>Includes:</i> - Engine: 2.3L EcoBoost Includes auto start-stop technology. - Transmission: Electronic 10-Speed SelectShift Auto - GVWR: 6,050 lbs - Radio: AM/FM Stereo Includes Bluetooth pass thru and 1 USB port. - Cruise Control - Day/Night Rearview Mirror - Perimeter Anti-Theft Alarm - Power Glass Sideview Mirrors - Remote Key Fob w/Tailgate Lock - 6 Speakers - SYNC Includes enhanced voice recognition communications and entertainment system, 911 Assist, 4.2" LCD display in center stack, AppLink and 1 smart charging USB port.	\$1,135.00
Powertrain		
99H	Engine: 2.3L EcoBoost <i>Includes auto start-stop technology.</i>	Included
44U	Transmission: Electronic 10-Speed SelectShift Auto	Included
X73	Electronic-Locking Rear Differential	Included
STDGV	GVWR: 6,050 lbs	Included
Wheels & Tires		
TGT	Tires: 17" Off-Road OWL	Included
64Y_	Wheels: 17" Silver-Painted Aluminum	Included
Seats & Seat Trim		
L	Front Premium Cloth Bucket Seats <i>Includes 8-way manual adjustable driver including lumbar, 6-way manual adjustable passenger and driver and passenger manual reclining seats.</i>	Included
Other Options		
126WB	126.8" Wheelbase	STD

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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 Ranger 4x4 SuperCrew 5' box 126.8" WB XL (R4F)

Price Level: 115

As Configured Vehicle (cont'd)

Code	Description	MSRP
PAINT	Monotone Paint Application	STD
STDRD	Radio: AM/FM Stereo <i>Includes Bluetooth pass thru and 1 USB port.</i>	Included
914	FX4 Off-Road Package <i>Includes exposed steel bash plate and removes front air dam.</i> <i>Includes:</i> - FX4 Off-Road Box Decal - Tires: 17" Off-Road OWL - Electronic-Locking Rear Differential - Off-Road Screen in Cluster - Off-Road Tuned Suspension - Skid Plates <i>Includes radiator, electronic power-assist steering (EPAS), transfer case and fuel tank guard.</i> - Terrain Management System <i>Includes Trail Control.</i>	\$1,295.00
76F	STX Appearance Package <i>Includes:</i> - Wheels: 17" Silver-Painted Aluminum - STX Box Decal - Fog Lamps - Front Premium Cloth Bucket Seats <i>Includes 8-way manual adjustable driver including lumbar, 6-way manual adjustable passenger and driver and passenger manual reclining seats.</i>	\$1,095.00
53R	Trailer Tow Package <i>Includes towing capability up to TBD lbs and 4-pin/7-pin wiring harness.</i> <i>Includes:</i> - Class IV Trailer Hitch Receiver	\$495.00
46E	Carpet Flooring w/Floor Mats	\$145.00
153	Front License Plate Bracket <i>Standard in states requiring 2 license plates and optional to all others.</i>	N/C
47A	Tray Style Floor Liner Ford accessory. <i>Does not include carpet floor mats.</i>	\$160.00
86S	Tough Bed Spray-In Bedliner Ford accessory.	\$495.00

Emissions

425	50-State Emissions System	STD
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Interior Colors

LH_01	Ebony	N/C
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Primary Colors

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2021 Ranger 4x4 SuperCrew 5' box 126.8" WB XL (R4F)

Price Level: 115

As Configured Vehicle (cont'd)

Code	Description	MSRP
YZ_01	Oxford White	N/C
SUBTOTAL		\$35,895.00
Destination Charge		\$1,195.00
TOTAL		\$37,090.00

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2021 Ranger 4x4 SuperCrew 5' box 126.8" WB XL (R4F)

Price Level: 115

Selected Equip & Specs

Dimensions

- Exterior length: 210.8"
- Exterior height: 71.5"
- Front track: 61.4"
- Turning radius: 21.0'
- Front legroom: 43.1"
- Front headroom: 41.0"
- Front hiproom: 55.8"
- Front shoulder room: 56.7"
- Passenger volume: 97.6cu.ft.
- Departure angle: 25.4 deg
- Maximum cargo volume: 33.9cu.ft.
- Exterior width: 77.8"
- Wheelbase: 126.8"
- Rear track: 61.4"
- Min ground clearance: 8.9"
- Rear legroom: 34.5"
- Rear headroom: 38.3"
- Rear hiproom: 53.5"
- Rear shoulder room: 56.3"
- Approach angle: 28.7 deg
- Cargo volume: 33.9cu.ft.
- Box length: 60.0"

Powertrain

- EcoBoost 270hp 2.3L DOHC 16 valve intercooled turbo I-4 engine with variable valve control, gasoline direct injection
- Recommended fuel : regular unleaded
- 10 speed automatic transmission with overdrive
- Fuel Economy City: 20 mpg
- Capless fuel filler
- Auto stop-start feature
- LEV3-ULEV70
- Part-time
- Fuel Economy Highway: 24 mpg

Suspension/Handling

- Front independent short and long arm suspension with anti-roll bar, gas-pressurized shocks
- * **Off-road ride Suspension**
- * **Front and rear 17 x 7.5 silver aluminum wheels**
- Rear rigid axle leaf spring suspension with gas-pressurized shocks
- Speed-sensing electric power-assist rack-pinion Steering
- * **P265/65SR17 OWL AT front and rear tires**

Body Exterior

- 4 doors
- Conventional right rear passenger
- Black door mirrors
- * **Class IV trailer hitch with trailer sway control**
- Trailer harness
- Clearcoat paint
- * **Front and rear 17 x 7.5 wheels**
- Conventional left rear passenger
- * **Driver and passenger power remote, manual folding door mirrors**
- Black bumpers
- Bed-rail protectors
- Box style: regular
- * **Decal**
- 2 front tow hook(s)

Convenience

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2021 Ranger 4x4 SuperCrew 5' box 126.8" WB XL (R4F)

Price Level: 115

Selected Equip & Specs (cont'd)

- Manual air conditioning
- Power windows
- Driver 1-touch down
- Manual tilt steering wheel
- Day-night rearview mirror
- * **Emergency SOS**
- * **AppLink smart device integration**
- Front and rear cupholders
- Driver and passenger door bins
- * **Cruise control with steering wheel controls**
- Driver 1-touch up
- * **Remote power door locks with 2 stage unlock and illuminated entry**
- Manual telescopic steering wheel
- FordPass Connect 4G internet access
- Wireless phone connectivity
- 1 1st row LCD monitor
- Full floor console
- Rear door bins

Seats and Trim

- Seating capacity of 5
- * **4-way driver seat adjustment**
- Manual height adjustable driver seat
- Centre front armrest
- * **Premium cloth seat upholstery**
- Front bucket seats
- Manual driver lumbar support
- * **4-way passenger seat adjustment**
- Full folding rear bench seat

Entertainment Features

- AM/FM stereo radio
- * **Steering wheel mounted radio controls**
- Streaming audio
- * **SYNC external memory control**
- * **6 speakers**
- Integrated roof antenna

Lighting, Visibility and Instrumentation

- Halogen projector beam headlights
- Fully automatic headlights
- Variable intermittent front windshield wipers
- Voltmeter
- Compass
- Low tire pressure warning
- Trip odometer
- Delay-off headlights
- * **Front fog lights**
- Light tinted windows
- Oil pressure gauge
- Camera(s) - rear
- Trip computer

Safety and Security

- 4-wheel ABS brakes
- 4-wheel disc brakes
- ABS and driveline traction control
- Dual seat mounted side impact airbag supplemental restraint system
- * **Brake assist with hill descent control with hill hold control**
- AdvanceTrac w/Roll Stability Control Electronic stability control
- Dual front impact airbag supplemental restraint system
- Safety Canopy System curtain 1st and 2nd row overhead airbag supplemental restraint system

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2021 Ranger 4x4 SuperCrew 5' box 126.8" WB XL (R4F)

Price Level: 115

Selected Equip & Specs (cont'd)

- Airbag supplemental restraint system occupancy sensor
- * **Security system with SecuriLock immobilizer and stolen vehicle tracking system**
- Manually adjustable front head restraints with tilt
- Ford Co-Pilot360 - Pre-Collision Assist with Automatic Emergency Braking (AEB) Feature
- * **Power remote door locks with 2 stage unlock and panic alarm**
- MyKey restricted driving mode
- 3 manually adjustable rear head restraints

Dimensions

General Weights

Curb	4,441 lbs.	GVWR	6,050 lbs.
Payload	1,560 lbs.		

Front Weights

Front GAWR	3,130 lbs.	Front curb weight	2,554 lbs.
Front axle capacity	3,108 lbs.	Front spring rating	3,130 lbs.
Front tire/wheel capacity	3,240 lbs.		

Rear Weights

Rear GAWR	3,370 lbs.	Rear curb weight	1,887 lbs.
Rear axle capacity	3,370 lbs.	Rear spring rating	3,370 lbs.
Rear tire/wheel capacity	3,240 lbs.		

Trailer Type

* Type	Regular	Harness	Yes
* Class	IV	* Hitch	Yes
Trailer sway control	Yes		

General Trailering

* Towing capacity	7500 lbs.	* GCWR	12500 lbs.
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Fuel Tank type

Capacity	17.99 gal.	Capless fuel filler	Yes
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Off Road

Approach angle	29 deg	Departure angle	25 deg
Ramp breakover angle	22 deg	Min ground clearance	9 "
Load floor height	34 "		

Exterior cargo

Length	60.0 "	Minimum width	44.8 "
Volume	43.3 cu.ft.	Pickup box depth	20.9 "
Maximum width	61.4 "	Tailgate width	55.4 "

Interior cargo

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2021 Ranger 4x4 SuperCrew 5' box 126.8" WB XL (R4F)

Price Level: 115

Selected Equip & Specs (cont'd)

Cargo volume 33.9 cu.ft.

Maximum cargo volume 33.9 cu.ft.

Powertrain

Engine Type

Brand EcoBoost
Cylinders I-4
Ignition Spark
Liters 2.3L
Recommended fuel Regular unleaded
Valvetrain DOHC
Forced induction Intercooled turbo

Block material Aluminum
Head material Aluminum
Injection Gasoline direct injection
Orientation Transverse
Valves per cylinder 4
Variable valve control Yes

Engine Spec

Bore 3.44"
Displacement 140 cu.in.

Compression ratio 10.0:1
Stroke 3.70"

Engine Power

SAEJ1349 AUG2004 compliant Yes
Torque 310 ft.-lb @ 3,000 RPM

Output 270 HP @ 5,500 RPM

Alternator

Amps 150

Battery

Amp hours 70
Run down protection Yes

Cold cranking amps 700

Engine Extras

Auto stop-start feature Yes

Transmission

Electronic control Yes
Overdrive Yes
Type Automatic

Lock-up Yes
Speed 10

Transmission Gear Ratios

1st 4.696
3rd 2.146
5th 1.52
7th 1
9th 0.689
Reverse Gear ratios 4.866

2nd 2.985
4th 1.769
6th 1.275
8th 0.854
10th 0.636

Transmission Extras

Driver selectable mode Yes

Sequential shift control SelectShift

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Price Level: 115

Selected Equip & Specs (cont'd)

Drive Type

4wd type Part-time Type Four-wheel

Drive Feature

Traction control ABS and driveline Locking hub control Auto
Transfer case shift Electronic *Rear locking differential Driver selectable

Drive Axle

Ratio 3.73

Exhaust

Material Stainless steel System type Single

Emissions

CARB LEV3-ULEV70 EPA Tier 3 Bin 70

Fuel Economy

City 20 mpg Highway 24 mpg
Fuel type Gasoline Combined 22 mpg

Green Values

Energy Impact Score (Barrels per year) 15.0 Carbon FP / Tailpipe and upstream total GHG (CO₂, tons per year) 8.1

Driveability

Brakes

ABS 4-wheel ABS channels 4
Type 4-wheel disc Vented discs Front

Brake Assistance

Brake assist Yes *Hill descent control Yes
Hill hold control Yes

Suspension Control

* Ride Off-road Electronic stability control Stability control with anti-roll

Front Suspension

Independence Independent Type Short and long arm
Anti-roll bar Regular

Front Spring

Type Coil Grade Regular

Front Shocks

Type Gas-pressurized

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2021 Ranger 4x4 SuperCrew 5' box 126.8" WB XL (R4F)

Price Level: 115

Selected Equip & Specs (cont'd)

Rear Suspension

Independence Rigid axle Type Leaf

Rear Spring

Type Leaf Grade Regular

Rear Shocks

Type Gas-pressurized

Steering

Speed-sensing Yes Activation Electric power-assist

Type Rack-pinion

Steering Specs

of wheels 2

Exterior

Front Wheels

* Diameter 17" * Width 7.50"

Rear Wheels

* Diameter 17" * Width 7.50"

Spare Wheels

Wheel material Steel

Front and Rear Wheels

Appearance Silver * Material Aluminum

Front Tires

* Aspect 65 * Diameter 17"

* Sidewalls OWL Speed S

* Tread AT Type P

* Width 265mm

Rear Tires

* Aspect 65 * Diameter 17"

* Sidewalls OWL Speed S

* Tread AT Type P

* Width 265mm

Spare Tire

Mount Underbody w/crankdown Type Full-size

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Price Level: 115

Selected Equip & Specs (cont'd)

Wheels

Front track	61.4"	Rear track	61.4"
Turning radius	21.0'	Wheelbase	126.8"

Body Features

* Front license plate bracket	Yes	* Skid plate(s)	3
Body material	Galvanized steel/aluminum	Side impact beams	Yes
Front tow hook(s)	2		

Body Doors

Door count	4	Left rear passenger	Conventional
Right rear passenger	Conventional	Rear cargo	Tailgate

Pickup

* Bed liner	Spray-in	Box style	Regular
Bed-rail protectors	Yes		

Exterior Dimensions

Length	210.8"	Body width	77.8"
Body height	71.5"	Front bumper to Front axle	35.8"
Front bumper to back of cab	143.8"		

Safety

Airbags

Driver front-impact	Yes	Driver side-impact	Seat mounted
Occupancy sensor	Yes	Overhead	Safety Canopy System curtain 1st and 2nd row
Passenger front-impact	Yes	Passenger side-impact	Seat mounted

Seatbelt

Rear centre 3 point	Yes	Height adjustable	Front
Pre-tensioners	Front	Pre-tensioners (#)	2

Security

Immobilizer	SecuriLock	* Panic alarm	Yes
Restricted driving mode	MyKey		

Seating

Passenger Capacity

Capacity	5
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Front Seats

Split	Buckets	Type	Bucket
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Price Level: 115

Selected Equip & Specs (cont'd)

Driver Seat

Fore/aft	Manual	Height adjustable	Manual
Reclining	Manual	* Way direction control	4
Lumbar support	Manual		

Passenger seat

Fore/aft	Manual	Reclining	Manual
* Way direction control	4	Height adjustable	Manual

Front Head Restraint

Control	Manual	Type	W/tilt
---------	--------	------	--------

Front Armrest

Centre	Yes
--------	-----

Rear Seats

Descriptor	Bench	Facing	Front
Folding	Full	Folding position	Fold-up cushion
Type	Fixed		

Rear Head Restraints

Control	Manual	Type	Adjustable
Number	3		

Rear Armrests

Centre	Yes
--------	-----

Front Seat Trim

* Material	Premium cloth	Back material	Cloth
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Rear Seat Trim Group

* Material	Premium cloth	Back material	Carpet
------------	---------------	---------------	--------

Convenience

AC And Heat Type

Air conditioning	Manual	Underseat ducts	Yes
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Audio System

Radio	AM/FM stereo	Radio grade	Regular
Seek-scan	Yes	* External memory control	SYNC

Audio Speakers

Speaker type	Regular	* Speakers	6
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Audio Controls

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Price Level: 115

Selected Equip & Specs (cont'd)

Speed sensitive volume	Yes	* Steering wheel controls	Yes
* Voice activation	Yes	Streaming audio	Bluetooth yes
<i>Audio Antenna</i>			
Type	Integrated roof		
<i>LCD Monitors</i>			
1st row	1	* Primary monitor size (inches)	4.2
<i>Cruise Control</i>			
* Cruise control	With steering wheel controls		
<i>Convenience Features</i>			
Retained accessory power	Yes	12V DC power outlet	3
* Emergency SOS	Mobile device	Wireless phone connectivity	Bluetooth
* Smart device integration	App link		
<i>Door Lock Activation</i>			
* Type	Power with 2 stage unlock	* Remote	Keyfob (all doors)
* Integrated key/remote	Yes	* Auto locking	Yes
<i>Door Lock Type</i>			
Rear child safety	Manual	* Tailgate/rear door lock	Included with power door locks
<i>Door Locks Extra FOB Controls</i>			
Remote engine start	Smart device only		
<i>Instrumentation Type</i>			
Display	Analog		
<i>Instrumentation Gauges</i>			
Oil pressure	Yes	Engine temperature	Yes
Voltmeter	Yes	* Inclinator	Yes
Transmission fluid temp	Yes		
<i>Instrumentation Warnings</i>			
Oil pressure	Yes	Engine temperature	Yes
Battery	Yes	Lights on	Yes
Key	Yes	Low fuel	Yes
Door ajar	Yes	Service interval	Yes
Brake fluid	Yes	Low tire pressure	Tire specific
<i>Instrumentation Displays</i>			
Clock	In-radio display	Compass	Yes

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Price Level: 115

Selected Equip & Specs (cont'd)

Camera(s) - rear Yes

Instrumentation Feature

Trip computer Yes

Forward collision Mitigation

Trip odometer Yes

Pedestrian detection Warning

Steering Wheel Type

Material Urethane

Telescoping Manual

Tilting Manual

Front Side Windows

Window 1st row activation Power

Windows Rear Side

2nd row activation Power

Window Features

1-touch down Driver

Tinted Light

1-touch up Driver

Front Windshield

Wiper Variable intermittent

Rear Windshield

Window Fixed

Interior

Rear View Mirror

Day-night Yes

Headliner

Coverage Full

Material Cloth

Floor Trim

Coverage Full

* Covering Carpet

* Mats Carpet front and rear

Trim Feature

Gear shifter material Urethane

Interior accents Chrome

Cabback insulator Yes

Lighting

Dome light type Fade

Variable IP lighting Yes

Illuminated entry Yes

Floor Console Storage

Storage Covered

Type Full

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Price Level: 115

Selected Equip & Specs (cont'd)

Storage

Driver door bin	Yes
Glove box	Locking
Rear yes	Yes
Dashboard	Yes
2nd row underseat	Yes

Front Beverage holder(s)	Yes
Passenger door bin	Yes
Instrument panel	Bin
Rear door bins	Yes

Legroom

Front	43.1"
-------	-------

Rear	34.5"
------	-------

Headroom

Front	41.0"
-------	-------

Rear	38.3"
------	-------

Hip Room

Front	55.8"
-------	-------

Rear	53.5"
------	-------

Shoulder Room

Front	56.7"
-------	-------

Rear	56.3"
------	-------

Interior Volume

Passenger volume	97.6 cu.ft.
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Price Level: 115

Warranty

Standard Warranty

Basic

Distance	36,000 miles	Months	36 months
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Powertrain

Distance	60,000 miles	Months	60 months
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Corrosion Perforation

Distance	Unlimited miles	Months	60 months
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Roadside Assistance

Distance	60,000 miles	Months	60 months
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**Class 12 - Automobile
Standard Pick Up Reg Cab**

Vendor Name: THORNHILL FORD
Manufacturer/Brand: FORD
Model Name & Number: F150 F1C

Vendor Contact: CHARLES ELLIS
Phone No.: 304-855-8300
Email: CEELLIS@MAIL.COM

Vehicle Requirements:

Classification: Standard Pick Up Reg Cab
Drive: Rear Wheel
Passenger seating: 2 minimum (including driver)
Doors: 2, minimum
Wheelbase: 119 in., minimum
GVWR: 6000 lbs. min, 6650 lbs. max.
Engine: 6 cylinder minimum
Tow Package: Factory Complete: Includes integrated electric trailer brake controller, hitch, and wiring
Additional Requirements:
 Installed Spray-in bedliner
 Factory Running Boards/Step Bars, Cab Length
 The vehicle shall include the standard equipment requirements as required in section 3.1.1.1 of the specification

Manufacturer's Standard Available Colors	
Standard Color Code	Color Description
D1	SLATE GRAY
PQ	RED
HX	BLUE
JS	SILVER
UM	BLACK
YZ	WHITE

Vendor Bid Response:

Vehicle fuel type	EPA HIGHWAY MPG Rating	EPA CITY MPG Rating	Unit Price	Total Life Cycle Cost
Gasoline	29	21	\$22727.00	\$33112.90
Flex-fuel				
Diesel				
CNG/Bifuel				
Hybrid				

***Options:**

FOB Dealership: (Deduct) \$ _____
 FOB Other than Metro Charleston - Per Mile \$ _____

*Note - The above delivery "options" above are not evaluated as part of the award.



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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x2 Regular Cab Styleside 6.5' box 122" WB XL (F1C)

Price Level: 120

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
F1C	Base Vehicle Price (F1C)	\$28,940.00
Packages		
100A	Equipment Group 100A Standard <i>Includes:</i> - Engine: 3.3L V6 PFDI Includes auto start-stop technology and flex-fuel capability. - Transmission: Electronic 10-Speed Automatic Includes selectable drive modes: normal, ECO, sport, tow/haul, slippery and trail. - 3.55 Axle Ratio - GVWR: 6,100 lbs Payload Package - Tires: 245/70R17 BSW A/S - Wheels: 17" Silver Steel - Cloth 40/20/40 Front Seat Includes 2-way manual driver/passenger adjustment and armrest. - Radio: AM/FM Stereo w/4 Speakers Includes auxiliary audio input jack. - SYNC 4 Includes 8" LCD capacitive touchscreen with swipe capability, wireless phone connection, cloud connected, AppLink with App catalog, 911 Assist, Apple CarPlay and Android Auto compatibility and digital owners manual.	N/C
Powertrain		
99B	Engine: 3.3L V6 PFDI <i>Includes auto start-stop technology and flex-fuel capability.</i>	Included
44G	Transmission: Electronic 10-Speed Automatic <i>Includes selectable drive modes: normal, ECO, sport, tow/haul, slippery and trail.</i>	Included
X19	3.55 Axle Ratio	Included
STDGV	GVWR: 6,100 lbs Payload Package	Included
Wheels & Tires		
STDTR	Tires: 245/70R17 BSW A/S	Included
64C	Wheels: 17" Silver Steel	Included
Seats & Seat Trim		
C	Cloth 40/20/40 Front Seat <i>Includes 2-way manual driver/passenger adjustment and armrest.</i>	Included
Other Options		
122WB	122" Wheelbase	STD

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x2 Regular Cab Styleside 6.5' box 122" WB XL (F1C)

Price Level: 120

As Configured Vehicle (cont'd)

Code	Description	MSRP
PAINT	Monotone Paint Application	STD
STDRD	Radio: AM/FM Stereo w/4 Speakers <i>Includes auxiliary audio input jack.</i> <i>Includes:</i> - SYNC 4 <i>Includes 8" LCD capacitive touchscreen with swipe capability, wireless phone connection, cloud connected, AppLink with App catalog, 911 Assist, Apple CarPlay and Android Auto compatibility and digital owners manual.</i>	Included
85A	XL Power Equipment Group <i>Includes:</i> - Power Glass Sideview Mirrors w/Black Skull Caps <i>Includes heat and manual-folding.</i> - Illuminated Entry - MyKey - Perimeter Alarm - Power Door Locks <i>Includes flip key and integrated key transmitter keyless-entry (includes Autolock).</i> - Power Tailgate Lock - Power Front Windows	\$970.00
53B	Class IV Trailer Hitch Receiver Ordering the Trailer Tow Package does not include Integrated Brake Controller (67T). Integrated Brake Controller (67T) is a standalone option and must be ordered separately. <i>Includes towing capability up to TBD lbs. on 3.3L V6 PFDI engine (99B) and 2.7L EcoBoost engine (99P) or up to TBD lbs. on 3.5L EcoBoost engine (998) and 5.0L V8 engine (995), 7-pin wiring harness with 7-pin-to-4-pin adapter and smart trailer tow connector (Includes BLIS w/trailer tow coverage where BLIS is available.).</i>	\$205.00
18B	Black Platform Running Boards	\$250.00
67T	Integrated Trailer Brake Controller	\$275.00
153	Front License Plate Bracket <i>Standard in states requiring 2 license plates, optional to all others.</i>	N/C
96W	Tough Bed Spray-In Bedliner Ford accessory.	\$595.00
Interior Colors		
CS_01	Black	N/C
Primary Colors		
YZ_01	Oxford White	N/C
SUBTOTAL		\$31,235.00
Destination Charge		\$1,695.00

Prices and content availability as shown are subject to change and should be treated as estimates only. Actual base vehicle, package and option pricing may vary from this estimate because of special local pricing, availability or pricing adjustments not reflected in the dealer's computer system. See salesperson for the most current information.



Prepared by: CHARLES ELLIS
10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x2 Regular Cab Styleside 6.5' box 122" WB XL (F1C)

Price Level: 120

As Configured Vehicle (cont'd)

Code	Description	MSRP
TOTAL		\$32,930.00

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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x2 Regular Cab Styleside 6.5' box 122" WB XL (F1C)

Price Level: 120

Selected Equip & Specs

Dimensions

- Exterior length: 209.1"
- Exterior height: 75.6"
- Min ground clearance: 8.7"
- Front headroom: 40.8"
- Front shoulder room: 66.7"
- Approach angle: 24.8 deg
- Maximum cargo volume: 8.8cu.ft.
- Exterior width: 79.9"
- Wheelbase: 122.0"
- Front legroom: 43.9"
- Front hiproom: 62.5"
- Passenger volume: 64.7cu.ft.
- Departure angle: 24.6 deg
- Box length: 78.0"

Powertrain

- * **290hp 3.3L DOHC 24 valve V-6 engine with Ti-VCT variable valve control, port/direct injection**
- Recommended fuel : regular unleaded
- 10 speed automatic transmission with overdrive
- Fuel Economy Cty: N/A
- Capless fuel filler
- Auto stop-start feature
- LEV3-ULEV70
- Rear-wheel drive
- Fuel Economy Highway: N/A

Suspension/Handling

- Front independent double wishbone suspension with anti-roll bar, gas-pressurized shocks
- Speed-sensing electric power-assist rack-pinion Steering
- P245/70SR17 BSW AS front and rear tires
- Rear rigid axle leaf spring suspension with gas-pressurized shocks
- Front and rear 17 x 7.5 silver steel wheels

Body Exterior

- 2 doors
- Black door mirrors
- * **Running boards**
- Bed-rail protectors
- Easy lower tailgate
- Box style: regular
- Front and rear 17 x 7.5 wheels
- * **Driver and passenger power remote, manual folding door mirrors**
- Black bumpers
- * **Class IV trailer hitch with with brake controller and trailer sway control**
- Easy lift tailgate
- Trailer harness
- Clearcoat paint

Convenience

- Manual air conditioning
- * **Driver and passenger 1-touch up**
- * **Remote power door locks with 2 stage unlock and illuminated entry**
- Manual telescopic steering wheel
- * **Power front windows**
- * **Driver and passenger 1-touch down**
- Manual tilt steering wheel
- Day-night rearview mirror

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Prepared by: CHARLES ELLIS

10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x2 Regular Cab Styleside 6.5' box 122" WB XL (F1C)

Price Level: 120

Selected Equip & Specs (cont'd)

- FordPass Connect 4G internet access
- Wireless phone connectivity
- Front cupholders
- Full overhead console
- SYNC 4 911 Assist emergency SOS
- 2 1st row LCD monitors
- Passenger visor mirror
- Driver and passenger door bins

Seats and Trim

- Seating capacity of 3
- 4-way driver seat adjustment
- Centre front armrest
- Front 40-20-40 split-bench seat
- 4-way passenger seat adjustment
- Cloth seat upholstery

Entertainment Features

- AM/FM stereo radio with radio data system
- SYNC 4 external memory control
- 4 speakers
- Fixed antenna
- Auxiliary audio input
- Steering wheel mounted radio controls
- Streaming audio

Lighting, Visibility and Instrumentation

- Halogen aero-composite headlights
- Fully automatic headlights
- Light tinted windows
- Tachometer
- Oil pressure gauge
- Outside temperature display
- Low tire pressure warning
- Lane departure
- Delay-off headlights
- Variable intermittent front windshield wipers
- Front reading lights
- Voltmeter
- Compass
- Camera(s) - rear
- Trip odometer

Safety and Security

- 4-wheel ABS brakes
- Electric parking brake
- AdvanceTrac w/Roll Stability Control Electronic stability control
- Dual front impact airbag supplemental restraint system
- Safety Canopy System curtain 1st row overhead airbag supplemental restraint system
- * **Remote activated perimeter/approach lighting**
- * **Security system with SecuriLock immobilizer**
- Manually adjustable front head restraints
- Brake assist with hill hold control
- 4-wheel disc brakes
- ABS and driveline traction control
- Dual seat mounted side impact airbag supplemental restraint system
- Airbag supplemental restraint system occupancy sensor
- * **Power remote door locks with 2 stage unlock and panic alarm**
- * **MyKey restricted driving mode**
- Ford Co-Pilot360 - Pre-Collision Assist with Automatic Emergency Braking (AEB) Feature

Dimensions

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Prepared by: CHARLES ELLIS
10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x2 Regular Cab Styleside 6.5' box 122" WB XL (F1C)

Price Level: 120

Selected Equip & Specs (cont'd)

General Weights

* Curb 77 lbs.

Front Weights

* Front curb weight 18 lbs.

Rear Weights

* Rear curb weight 59 lbs.

Trailer Type

* Type Regular

* Class IV

* Brake controller Yes

Harness Yes

* Hitch Yes

Trailer sway control Yes

Fuel Tank type

Capacity 23.01 gal.

Capless fuel filler Yes

Off Road

Approach angle 25 deg

Ramp breakover angle 22 deg

Load floor height 34 "

Departure angle 25 deg

Min ground clearance 9 "

Exterior cargo

Length 78.0 "

Volume 62.3 cu.ft.

Maximum width 65.2 "

Minimum width 51.1 "

Pickup box depth 21.4 "

Tailgate width 60.3 "

Interior cargo

Maximum cargo volume 8.8 cu.ft.

Powertrain

Engine Type

Block material Aluminum

Head material Aluminum

Injection Port/direct injection

Orientation Longitudinal

Valves per cylinder 4

Variable valve control Ti-VCT

Cylinders V-6

Ignition Spark

Liters 3.3L

Recommended fuel Regular unleaded

Valvetrain DOHC

Engine Spec

Bore 3.56"

Displacement 204 cu.in.

Compression ratio 12.0:1

Stroke 3.41"

Engine Power

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x2 Regular Cab Styleside 6.5' box 122" WB XL (F1C)

Price Level: 120

Selected Equip & Specs (cont'd)

Output 290 HP @ 6,500 RPM

Torque 265 ft.-lb @ 4,000 RPM

Alternator

Amps 200

Battery

Amp hours 70

Run down protection Yes

Cold cranking amps 610

Engine Extras

Auto stop-start feature Yes

Transmission

Electronic control Yes

Overdrive Yes

Type Automatic

Lock-up Yes

Speed 10

Transmission Gear Ratios

1st 4.696

3rd 2.146

5th 1.52

7th 1

9th 0.689

Reverse Gear ratios 4.866

2nd 2.985

4th 1.769

6th 1.275

8th 0.854

10th 0.636

Transmission Extras

Driver selectable mode Yes

Sequential shift control SelectShift

Drive Type

Type Rear-wheel

Drive Feature

Traction control ABS and driveline

Drive Axle

Ratio 3.55

Exhaust

Material Stainless steel

System type Single

Emissions

CARB LEV3-ULEV70

EPA Tier 3 Bin 70

Fuel Economy

Fuel type Gasoline

Fuel Economy (Alternate 1)

Fuel type E85

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x2 Regular Cab Styleside 6.5' box 122" WB XL (F1C)

Price Level: 120

Selected Equip & Specs (cont'd)

Driveability

Brakes

ABS	4-wheel	ABS channels	4
Type	4-wheel disc	Vented discs	Front and rear
Electric parking brake	Yes		

Brake Assistance

Brake assist	Yes	Hill hold control	Yes
--------------	-----	-------------------	-----

Suspension Control

Ride	Regular	Electronic stability control	Stability control with anti-roll
------	---------	------------------------------	----------------------------------

Front Suspension

Independence	Independent	Type	Double wishbone
Anti-roll bar	Regular		

Front Spring

Type	Coil	Grade	Regular
------	------	-------	---------

Front Shocks

Type	Gas-pressurized
------	-----------------

Rear Suspension

Independence	Rigid axle	Type	Leaf
--------------	------------	------	------

Rear Spring

Type	Leaf	Grade	Regular
------	------	-------	---------

Rear Shocks

Type	Gas-pressurized
------	-----------------

Steering

Speed-sensing	Yes	Activation	Electric power-assist
Type	Rack-pinion		

Steering Specs

# of wheels	2
-------------	---

Exterior

Front Wheels

Diameter	17"	Width	7.50"
----------	-----	-------	-------

Rear Wheels

Diameter	17"	Width	7.50"
----------	-----	-------	-------

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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x2 Regular Cab Styleside 6.5' box 122" WB XL (F1C)

Price Level: 120

Selected Equip & Specs (cont'd)

Spare Wheels

Wheel material Steel

Front and Rear Wheels

Appearance Silver
Covers Hub

Material Steel

Front Tires

Aspect 70
Sidewalls BSW
Tread AS
Width 245mm

Diameter 17"
Speed S
Type P

Rear Tires

Aspect 70
Sidewalls BSW
Tread AS
Width 245mm

Diameter 17"
Speed S
Type P

Spare Tire

Mount Underbody w/crankdown

Type Full-size

Wheels

Wheelbase 122.0"

Body Features

* Front license plate bracket Yes
Body material Aluminum
Active grille shutters Yes

* Running boards Yes
Side impact beams Yes

Body Doors

Door count 2

Rear cargo Tailgate

Pickup

* Bed liner Spray-in
Bed-rail protectors Yes
Easy lower tailgate Yes

Box style Regular
Easy lift tailgate Yes

Exterior Dimensions

Length 209.1"
Body height 75.6"
Frame yield strength (psi) 49300.0

Body width 79.9"
Frame section modulus 5.0cu.in.
Front bumper to Front axle 37.8"

Safety

Airbags

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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x2 Regular Cab Styleside 6.5' box 122" WB XL (F1C)

Price Level: 120

Selected Equip & Specs (cont'd)

Driver front-impact	Yes	Driver side-impact	Seat mounted
Occupancy sensor	Yes	Overhead	Safety Canopy System curtain 1st row
Passenger front-impact	Yes	Passenger side-impact	Seat mounted
Seatbelt			
Height adjustable	Front	Pre-tensioners	Front
Pre-tensioners (#)	2		
Security			
Immobilizer	SecuriLock	* Panic alarm	Yes
* Restricted driving mode	MyKey		

Seating

Passenger Capacity

Capacity 3

Front Seats

Split 40-20-40

Type Split-bench

Driver Seat

Fore/aft Manual

Reclining Manual

Way direction control 4

Passenger seat

Fore/aft Manual

Reclining Manual

Way direction control 4

Front Head Restraint

Control Manual

Type Adjustable

Front Armrest

Centre Yes

Front Seat Trim

Material Cloth

Back material Carpet

Convenience

AC And Heat Type

Air conditioning Manual

Audio System

Auxiliary audio input Yes

Radio AM/FM stereo

Radio data system Yes

Radio grade Regular

Seek-scan Yes

External memory control SYNC 4

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x2 Regular Cab Styleside 6.5' box 122" WB XL (F1C)

Price Level: 120

Selected Equip & Specs (cont'd)

Audio Speakers

Speaker type	Regular	Speakers	4
--------------------	---------	----------------	---

Audio Controls

Speed sensitive volume	Yes	Steering wheel controls	Yes
Voice activation	Yes	Streaming audio	Bluetooth yes

Audio Antenna

Type	Fixed
------------	-------

LCD Monitors

1st row	2	Primary monitor size (inches)	8
---------------	---	-------------------------------------	---

Convenience Features

* Retained accessory power	Yes	Emergency SOS	SYNC 4 911 Assist
Wireless phone connectivity	SYNC 4	Smart device integration	Mirroring

Door Lock Activation

* Type	Power with 2 stage unlock	* Remote	Keyfob (all doors)
* Integrated key/remote	Yes	* Auto locking	Yes

Door Lock Type

* Tailgate/rear door lock .. Included with power door locks

Door Locks Extra FOB Controls

Remote engine start	Smart device only
---------------------------	-------------------

Instrumentation Type

Display	Analog
---------------	--------

Instrumentation Gauges

Tachometer	Yes	Oil pressure	Yes
Engine temperature	Yes	Voltmeter	Yes
Transmission fluid temp	Yes		

Instrumentation Warnings

Oil pressure	Yes	Engine temperature	Yes
Battery	Yes	Lights on	Yes
Key	Yes	Low fuel	Yes
Door ajar	Yes	Service interval	Yes
Brake fluid	Yes	Low tire pressure	Tire specific

Instrumentation Displays

Clock	In-radio display	Compass	Yes
Exterior temp	Yes	Camera(s) - rear	Yes

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x2 Regular Cab Styleside 6.5' box 122" WB XL (F1C)

Price Level: 120

Selected Equip & Specs (cont'd)

Instrumentation Feature

Trip odometer Yes
Forward collision Mitigation

Lane departure Active
Pedestrian detection Prevention

Steering Wheel Type

Material Urethane
Telescoping Manual

Tilting Manual

Front Side Windows

* Window 1st row activation Power

Window Features

* 1-touch down Driver and passenger
Tinted Light

* 1-touch up Driver and passenger

Front Windshield

Wiper Variable intermittent

Rear Windshield

Window Fixed

Interior

Passenger Visor

Mirror Yes

Rear View Mirror

Day-night Yes

Headliner

Coverage Full

Material Cloth

Floor Trim

Coverage Full

Covering Vinyl/rubber

Trim Feature

Gear shifter material Urethane
Interior accents Chrome

Cabback insulator Yes

Lighting

Dome light type Fade
* Illuminated entry Yes

Front reading Yes
Variable IP lighting Yes

Overhead Console Storage

Storage Yes

Type Full

Storage

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2021 F-150 4x2 Regular Cab Styleside 6.5' box 122" WB XL (F1C)

Price Level: 120

Selected Equip & Specs (cont'd)

Driver door bin Yes
Glove box Yes
Instrument panel Bin

Front Beverage holder(s) Yes
Passenger door bin Yes
Dashboard Yes

Legroom

Front 43.9"

Headroom

Front 40.8"

Hip Room

Front 62.5"

Shoulder Room

Front 66.7"

Interior Volume

Passenger volume 64.7 cu.ft.

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x2 Regular Cab Styleside 6.5' box 122" WB XL (F1C)

Price Level: 120

Warranty

Standard Warranty

Basic

Distance	36,000 miles	Months	36 months
----------------	--------------	--------------	-----------

Powertrain

Distance	60,000 miles	Months	60 months
----------------	--------------	--------------	-----------

Corrosion Perforation

Distance	Unlimited miles	Months	60 months
----------------	-----------------	--------------	-----------

Roadside Assistance

Distance	60,000 miles	Months	60 months
----------------	--------------	--------------	-----------

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**Class 13 - Automobile
Standard Pick Up Reg Cab**

Vendor Name: THORNHILL FORD
Manufacturer/Brand: FORD
Model Name & Number: F150 F1E

Vendor Contact: CHARLES ELLIS
Phone No.: 304-855-8300
Email: CEELLIS@MAIL.COM

Vehicle Requirements:

Classification: Standard Pick Up Reg Cab
Drive: 4 Wheel/All wheel with Hi/Lo Range
Passenger seating: 2 minimum (including driver)
Doors: 2, minimum
Wheelbase: 119 in., minimum
GVWR: 6000 lbs. min, 6650 lbs. max.
Engine: 6 cylinder minimum
Tow Package: Factory Complete: Includes integrated electric trailer brake controller, hitch, and wiring
Additional Requirements:
 Installed Spray-in bedliner
 Factory Running Boards/Step Bars, Cab Length

Manufacturer's Standard Available Colors	
Standard Color Code	Color Description
D1	SLATE GRAY
PQ	RED
HX	BLUE
JS	SILVER
UM	BLACK
YZ	WHITE

The vehicle bid shall include the standard equipment requirements as required in section 3.1.1.1 of the specification.

Vendor Bid Response:

Vehicle fuel type	EPA HIGHWAY MPG Rating	EPA CITY MPG Rating	Unit Price	Total Life Cycle Cost
Gasoline	28	21	\$25872.00	\$36512.80
Flex-fuel				
Diesel				
CNG/Bifuel				
Hybrid				

***Options:**

FOB Dealership: (Deduct)

\$ _____

FOB Other than Metro Charleston - Per Mile

\$ _____

*Note - The above delivery "options" above are not evaluated as part of the award.



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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x4 Regular Cab Styleside 6.5' box 122" WB XL (F1E)

Price Level: 120

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
F1E	Base Vehicle Price (F1E)	\$33,585.00
Packages		
100A	Equipment Group 100A Standard <i>Includes:</i> - Engine: 3.3L V6 PFDI Includes auto start-stop technology and flex-fuel capability. - Transmission: Electronic 10-Speed Automatic Includes selectable drive modes: normal, ECO, sport, tow/haul, slippery, deep snow/sand and mud/rut. - 3.55 Axle Ratio - GVWR: 6,120 lbs Payload Package - Tires: 265/70R17 OWL A/T - Wheels: 17" Silver Steel - Radio: AM/FM Stereo w/4 Speakers Includes auxiliary audio input jack. - SYNC 4 Includes 8" LCD capacitive touchscreen with swipe capability, wireless phone connection, cloud connected, AppLink with App catalog, 911 Assist, Apple CarPlay and Android Auto compatibility and digital owners manual.	N/C
Powertrain		
99B	Engine: 3.3L V6 PFDI	Included
	<i>Includes auto start-stop technology and flex-fuel capability.</i>	
44G	Transmission: Electronic 10-Speed Automatic	Included
	<i>Includes selectable drive modes: normal, ECO, sport, tow/haul, slippery, deep snow/sand and mud/rut.</i>	
X19	3.55 Axle Ratio	Included
STDGV	GVWR: 6,120 lbs Payload Package	Included
Wheels & Tires		
STDTR	Tires: 265/70R17 OWL A/T	Included
64C	Wheels: 17" Silver Steel	Included
Seats & Seat Trim		
A	Vinyl 40/20/40 Front Seat	N/C
Other Options		
122WB	122" Wheelbase	STD

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Prepared by: CHARLES ELLIS
10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x4 Regular Cab Styleside 6.5' box 122" WB XL (F1E)

Price Level: 120

As Configured Vehicle (cont'd)

Code	Description	MSRP
PAINT	Monotone Paint Application	STD
STDRD	Radio: AM/FM Stereo w/4 Speakers <i>Includes auxiliary audio input jack. Includes: - SYNC 4 Includes 8" LCD capacitive touchscreen with swipe capability, wireless phone connection, cloud connected, AppLink with App catalog, 911 Assist, Apple CarPlay and Android Auto compatibility and digital owners manual.</i>	Included
85A	XL Power Equipment Group <i>Includes: - Power Glass Sideview Mirrors w/Black Skull Caps Includes heat and manual-folding. - Illuminated Entry - MyKey - Perimeter Alarm - Power Door Locks Includes flip key and integrated key transmitter keyless-entry (includes Autolock). - Power Tailgate Lock - Power Front Windows</i>	\$970.00
53B	Class IV Trailer Hitch Receiver Ordering the Trailer Tow Package does not include Integrated Brake Controller (67T). Integrated Brake Controller (67T) is a standalone option and must be ordered separately. <i>Includes towing capability up to TBD lbs. on 3.3L V6 PFDI engine (99B) and 2.7L EcoBoost engine (99P) or up to TBD lbs. on 3.5L EcoBoost engine (99B) and 5.0L V8 engine (995), 7-pin wiring harness with 7-pin-to-4-pin adapter and smart trailer tow connector (Includes BLIS w/trailer tow coverage where BLIS is available.).</i>	\$205.00
18B	Black Platform Running Boards	\$250.00
67T	Integrated Trailer Brake Controller	\$275.00
153	Front License Plate Bracket <i>Standard in states requiring 2 license plates, optional to all others.</i>	N/C
96W	Tough Bed Spray-In Bedliner Ford accessory.	\$595.00
Interior Colors		
AS_02	Black	N/C
Primary Colors		
YZ_01	Oxford White	N/C
SUBTOTAL		\$35,880.00
Destination Charge		\$1,695.00

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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x4 Regular Cab Styleside 6.5' box 122" WB XL (F1E)

Price Level: 120

As Configured Vehicle (cont'd)

Code	Description	MSRP
TOTAL		\$37,575.00

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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x4 Regular Cab Styleside 6.5' box 122" WB XL (F1E)

Price Level: 120

Selected Equip & Specs

Dimensions

- Exterior length: 209.1"
- Exterior height: 77.0"
- Min ground clearance: 9.4"
- Front headroom: 40.8"
- Front shoulder room: 66.7"
- Approach angle: 24.8 deg
- Maximum cargo volume: 8.8cu.ft.
- Exterior width: 79.9"
- Wheelbase: 122.0"
- Front legroom: 43.9"
- Front hiproom: 62.5"
- Passenger volume: 64.7cu.ft.
- Departure angle: 27.1 deg
- Box length: 78.0"

Powertrain

- * **290hp 3.3L DOHC 24 valve V-6 engine with Ti-VCT variable valve control, port/direct injection**
- Recommended fuel : regular unleaded
- 10 speed automatic transmission with overdrive
- Fuel Economy Cty: N/A
- Capless fuel filler
- Auto stop-start feature
- LEV3-ULEV70
- Part-time
- Fuel Economy Highway: N/A

Suspension/Handling

- Front independent double wishbone suspension with anti-roll bar, gas-pressurized shocks
- Speed-sensing electric power-assist rack-pinion Steering
- P265/70SR17 OWL AT front and rear tires
- Rear rigid axle leaf spring suspension with gas-pressurized shocks
- Front and rear 17 x 7.5 silver steel wheels

Body Exterior

- 2 doors
- Black door mirrors
- * **Running boards**
- Bed-rail protectors
- Easy lower tailgate
- Box style: regular
- Front and rear 17 x 7.5 wheels
- * **Driver and passenger power remote, manual folding door mirrors**
- Black bumpers
- * **Class IV trailer hitch with with brake controller and trailer sway control**
- Easy lift tailgate
- Trailer harness
- Clearcoat paint
- 2 front tow hook(s)

Convenience

- Manual air conditioning
- * **Driver and passenger 1-touch up**
- * **Remote power door locks with 2 stage unlock and illuminated entry**
- Manual telescopic steering wheel
- * **Power front windows**
- * **Driver and passenger 1-touch down**
- Manual tilt steering wheel
- Day-night rearview mirror

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Prepared by: CHARLES ELLIS

10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x4 Regular Cab Styleside 6.5' box 122" WB XL (F1E)

Price Level: 120

Selected Equip & Specs (cont'd)

- FordPass Connect 4G internet access
- Wireless phone connectivity
- Front cupholders
- Full overhead console
- SYNC 4 911 Assist emergency SOS
- 2 1st row LCD monitors
- Passenger visor mirror
- Driver and passenger door bins

Seats and Trim

- Seating capacity of 3
- 4-way driver seat adjustment
- Centre front armrest
- Front 40-20-40 split-bench seat
- 4-way passenger seat adjustment

Entertainment Features

- AM/FM stereo radio with radio data system
- SYNC 4 external memory control
- 4 speakers
- Fixed antenna
- Auxiliary audio input
- Steering wheel mounted radio controls
- Streaming audio

Lighting, Visibility and Instrumentation

- Halogen aero-composite headlights
- Fully automatic headlights
- Light tinted windows
- Tachometer
- Oil pressure gauge
- Outside temperature display
- Low tire pressure warning
- Lane departure
- Delay-off headlights
- Variable intermittent front windshield wipers
- Front reading lights
- Voltmeter
- Compass
- Camera(s) - rear
- Trip odometer

Safety and Security

- 4-wheel ABS brakes
- Electric parking brake
- AdvanceTrac w/Roll Stability Control Electronic stability control
- Dual front impact airbag supplemental restraint system
- Safety Canopy System curtain 1st row overhead airbag supplemental restraint system
- * **Remote activated perimeter/approach lighting**
- * **Security system with SecuriLock immobilizer**
- Manually adjustable front head restraints
- Brake assist with hill hold control
- 4-wheel disc brakes
- ABS and driveline traction control
- Dual seat mounted side impact airbag supplemental restraint system
- Airbag supplemental restraint system occupancy sensor
- * **Power remote door locks with 2 stage unlock and panic alarm**
- * **MyKey restricted driving mode**
- Ford Co-Pilot360 - Pre-Collision Assist with Automatic Emergency Braking (AEB) Feature

Dimensions

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2021 F-150 4x4 Regular Cab Styleside 6.5' box 122" WB XL (F1E)

Price Level: 120

Selected Equip & Specs (cont'd)

General Weights

* Curb 77 lbs.

Front Weights

* Front curb weight 18 lbs.

Rear Weights

* Rear curb weight 59 lbs.

Trailer Type

* Type Regular

* Class IV

* Brake controller Yes

Harness Yes

* Hitch Yes

Trailer sway control Yes

Fuel Tank type

Capacity 23.01 gal.

Capless fuel filler Yes

Off Road

Approach angle 25 deg

Ramp breakover angle 25 deg

Load floor height 36 "

Departure angle 27 deg

Min ground clearance 9 "

Exterior cargo

Length 78.0 "

Volume 62.3 cu.ft.

Maximum width 65.2 "

Minimum width 51.1 "

Pickup box depth 21.4 "

Tailgate width 60.3 "

Interior cargo

Maximum cargo volume 8.8 cu.ft.

Powertrain

Engine Type

Block material Aluminum

Head material Aluminum

Injection Port/direct injection

Orientation Longitudinal

Valves per cylinder 4

Variable valve control Ti-VCT

Cylinders V-6

Ignition Spark

Liters 3.3L

Recommended fuel Regular unleaded

Valvetrain DOHC

Engine Spec

Bore 3.56"

Displacement 204 cu.in.

Compression ratio 12.0:1

Stroke 3.41"

Engine Power

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x4 Regular Cab Styleside 6.5' box 122" WB XL (F1E)

Price Level: 120

Selected Equip & Specs (cont'd)

Output	290 HP @ 6,500 RPM	Torque	265 ft.-lb @ 4,000 RPM
<i>Alternator</i>			
Amps	200		
<i>Battery</i>			
Amp hours	70	Cold cranking amps	610
Run down protection	Yes		
<i>Engine Extras</i>			
Auto stop-start feature	Yes		
<i>Transmission</i>			
Electronic control	Yes	Lock-up	Yes
Overdrive	Yes	Speed	10
Type	Automatic		
<i>Transmission Gear Ratios</i>			
1st	4.696	2nd	2.985
3rd	2.146	4th	1.769
5th	1.52	6th	1.275
7th	1	8th	0.854
9th	0.689	10th	0.636
Reverse Gear ratios	4.866		
<i>Transmission Extras</i>			
Driver selectable mode	Yes	Sequential shift control	SelectShift
<i>Drive Type</i>			
4wd type	Part-time	Type	Four-wheel
<i>Drive Feature</i>			
Traction control	ABS and driveline	Locking hub control	Auto
Transfer case shift	Electronic		
<i>Drive Axle</i>			
Ratio	3.55		
<i>Exhaust</i>			
Material	Stainless steel	System type	Single
<i>Emissions</i>			
CARB	LEV3-ULEV70	EPA	Tier 3 Bin 70
<i>Fuel Economy</i>			
Fuel type	Gasoline		
<i>Fuel Economy (Alternate 1)</i>			
Fuel type	E85		

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x4 Regular Cab Styleside 6.5' box 122" WB XL (F1E)

Price Level: 120

Selected Equip & Specs (cont'd)

Driveability

Brakes

ABS	4-wheel	ABS channels	4
Type	4-wheel disc	Vented discs	Front and rear
Electric parking brake	Yes		

Brake Assistance

Brake assist	Yes	Hill hold control	Yes
--------------	-----	-------------------	-----

Suspension Control

Ride	Regular	Electronic stability control	Stability control with anti-roll
------	---------	------------------------------	----------------------------------

Front Suspension

Independence	Independent	Type	Double wishbone
Anti-roll bar	Regular		

Front Spring

Type	Coil	Grade	Regular
------	------	-------	---------

Front Shocks

Type	Gas-pressurized
------	-----------------

Rear Suspension

Independence	Rigid axle	Type	Leaf
--------------	------------	------	------

Rear Spring

Type	Leaf	Grade	Regular
------	------	-------	---------

Rear Shocks

Type	Gas-pressurized
------	-----------------

Steering

Speed-sensing	Yes	Activation	Electric power-assist
Type	Rack-pinion		

Steering Specs

# of wheels	2
-------------	---

Exterior

Front Wheels

Diameter	17"	Width	7.50"
----------	-----	-------	-------

Rear Wheels

Diameter	17"	Width	7.50"
----------	-----	-------	-------

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2021 F-150 4x4 Regular Cab Styleside 6.5' box 122" WB XL (F1E)

Price Level: 120

Selected Equip & Specs (cont'd)

Spare Wheels

Wheel material Steel

Front and Rear Wheels

Appearance Silver
Covers Hub

Material Steel

Front Tires

Aspect 70
Sidewalls OWL
Tread AT
Width 265mmDiameter 17"
Speed S
Type P

Rear Tires

Aspect 70
Sidewalls OWL
Tread AT
Width 265mmDiameter 17"
Speed S
Type P

Spare Tire

Mount Underbody w/crankdown

Type Full-size

Wheels

Wheelbase 122.0"

Body Features

* Front license plate bracket Yes

* Running boards Yes

Body material Aluminum

Side impact beams Yes

Active grille shutters Yes

Front tow hook(s) 2

Body Doors

Door count 2

Rear cargo Tailgate

Pickup

* Bed liner Spray-in

Box style Regular

Bed-rail protectors Yes

Easy lift tailgate Yes

Easy lower tailgate Yes

Exterior Dimensions

Length 209.1"

Body width 79.9"

Body height 77.0"

Frame section modulus 5.0cu.in.

Frame yield strength (psi) 49300.0

Front bumper to Front axle 37.8"

Safety

Airbags

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2021 F-150 4x4 Regular Cab Styleside 6.5' box 122" WB XL (F1E)

Price Level: 120

Selected Equip & Specs (cont'd)

Driver front-impact	Yes	Driver side-impact	Seat mounted
Occupancy sensor	Yes	Overhead	Safety Canopy System curtain 1st row
Passenger front-impact	Yes	Passenger side-impact	Seat mounted
Seatbelt			
Height adjustable	Front	Pre-tensioners	Front
Pre-tensioners (#)	2		
Security			
Immobilizer	SecuriLock	* Panic alarm	Yes
* Restricted driving mode	MyKey		

Seating

Passenger Capacity			
Capacity	3		
Front Seats			
Split	40-20-40	Type	Split-bench
Driver Seat			
Fore/aft	Manual	Reclining	Manual
Way direction control	4		
Passenger seat			
Fore/aft	Manual	Reclining	Manual
Way direction control	4		
Front Head Restraint			
Control	Manual	Type	Adjustable
Front Armrest			
Centre	Yes		
Front Seat Trim			
* Material	Vinyl	Back material	Carpet

Convenience

AC And Heat Type			
Air conditioning	Manual		
Audio System			
Auxiliary audio input	Yes	Radio	AM/FM stereo
Radio data system	Yes	Radio grade	Regular
Seek-scan	Yes	External memory control	SYNC 4

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Price Level: 120

Selected Equip & Specs (cont'd)

Audio Speakers

Speaker type Regular Speakers 4

Audio Controls

Speed sensitive volume Yes Steering wheel controls Yes
Voice activation Yes Streaming audio Bluetooth yes

Audio Antenna

Type Fixed

LCD Monitors

1st row 2 Primary monitor size (inches) 8

Convenience Features

* Retained accessory power Yes Emergency SOS SYNC 4 911 Assist
Wireless phone connectivity SYNC 4 Smart device integration Mirroring

Door Lock Activation

* Type Power with 2 stage unlock * Remote Keyfob (all doors)
* Integrated key/remote Yes * Auto locking Yes

Door Lock Type

* Tailgate/rear door lock Included with power door locks

Door Locks Extra FOB Controls

Remote engine start Smart device only

Instrumentation Type

Display Analog

Instrumentation Gauges

Tachometer Yes Oil pressure Yes
Engine temperature Yes Voltmeter Yes
Transmission fluid temp Yes

Instrumentation Warnings

Oil pressure Yes Engine temperature Yes
Battery Yes Lights on Yes
Key Yes Low fuel Yes
Door ajar Yes Service interval Yes
Brake fluid Yes Low tire pressure Tire specific

Instrumentation Displays

Clock In-radio display Compass Yes
Exterior temp Yes Camera(s) - rear Yes

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2021 F-150 4x4 Regular Cab Styleside 6.5' box 122" WB XL (F1E)

Price Level: 120

Selected Equip & Specs (cont'd)

Instrumentation Feature

Trip odometer Yes
Forward collision Mitigation

Lane departure Active
Pedestrian detection Prevention

Steering Wheel Type

Material Urethane
Telescoping Manual

Tilting Manual

Front Side Windows

* Window 1st row activation Power

Window Features

* 1-touch down Driver and passenger
Tinted Light

* 1-touch up Driver and passenger

Front Windshield

Wiper Variable intermittent

Rear Windshield

Window Fixed

Interior

Passenger Visor

Mirror Yes

Rear View Mirror

Day-night Yes

Headliner

Coverage Full

Material Cloth

Floor Trim

Coverage Full

Covering Vinyl/rubber

Trim Feature

Gear shifter material Urethane
Interior accents Chrome

Cabbback insulator Yes

Lighting

Dome light type Fade
* Illuminated entry Yes

Front reading Yes
Variable IP lighting Yes

Overhead Console Storage

Storage Yes

Type Full

Storage

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2021 F-150 4x4 Regular Cab Styleside 6.5' box 122" WB XL (F1E)

Price Level: 120

Selected Equip & Specs (cont'd)

Driver door bin	Yes	Front Beverage holder(s)	Yes
Glove box	Yes	Passenger door bin	Yes
Instrument panel	Bin	Dashboard	Yes
<i>Legroom</i>			
Front	43.9"		
<i>Headroom</i>			
Front	40.8"		
<i>Hip Room</i>			
Front	62.5"		
<i>Shoulder Room</i>			
Front	66.7"		
<i>Interior Volume</i>			
Passenger volume	64.7 cu.ft.		

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2021 F-150 4x4 Regular Cab Styleside 6.5' box 122" WB XL (F1E)

Price Level: 120

Warranty

Standard Warranty

Basic

Distance	36,000 miles	Months	36 months
----------------	--------------	--------------	-----------

Powertrain

Distance	60,000 miles	Months	60 months
----------------	--------------	--------------	-----------

Corrosion Perforation

Distance	Unlimited miles	Months	60 months
----------------	-----------------	--------------	-----------

Roadside Assistance

Distance	60,000 miles	Months	60 months
----------------	--------------	--------------	-----------

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**Class 14 - Automobile
Standard Pick Up Extended Cab**

Vendor Name: THORNHILL FORD
Manufacturer/Brand: FORD
Model Name & Number: F150 X1E

Vendor Contact: CHARLES ELLIS
Phone No.: 304-855-8300
Email: CEELLIS@MAIL.COM

Vehicle Requirements:

Classification: Standard Pick Up Extended Cab
Drive: 4 Wheel/All wheel with Hi/Lo Range
Passenger seating: 4 minimum (including driver)
Doors: 4, minimum
Wheelbase: 140in., minimum
GVWR: 6275 lbs. min, 7350 lbs. max.
Engine: Minimum 8 Cylinder for gasoline and Minimum 6 cylinder for diesel
Off Road Package: Includes but not limited to: Limited Slip rear axle, traction lock differential, heavy duty engine cooling, skid plates, heavy duty suspension with gas shocks, tow hooks and all terrain tires.
Tow Package: Factory Complete: Includes integrated electric trailer brake controller, hitch, and wiring
Slush/All weather Mats Installed on driver and passenger front and second row, except where vinyl floor covering is present.
Bed: Short, with installed Spray-in liner.
Sliding rear window: Not required.

Manufacturer's Standard Available Colors	
Standard Color Code	Color Description
D1	SLATE GRAY
PQ	RED
HX	BLUE
JS	SILVER
UM	BLACK
YZ	WHITE

Additional Requirements:

Factory Running Boards/Step Bars, Cab Length

The vehicle bid shall include the standard equipment requirements as required in section 3.1.1.1 of the specification.

Vendor Bid Response:

Vehicle fuel type	EPA HIGHWAY MPG Rating	EPA CITY MPG Rating	Unit Price	Total Life Cycle Cost
Gasoline	21	15	\$28789.00	\$43193.78
Flex-fuel				
Diesel				
CNG/Bifuel				
Hybrid				

***Options:**

FOB Dealership: (Deduct)

\$

FOB Other than Metro Charleston - Per Mile

\$

*Note - The above delivery "options" above are not evaluated as part of the award.



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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x4 SuperCab Styleside 6.5' box 145" WB XL (X1E)

Price Level: 120

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
X1E	Base Vehicle Price (X1E)	\$36,455.00
Packages		
101A	Equipment Group 101A High	\$2,280.00
	- Option Discount	-\$750.00
	<i>Includes:</i> - Transmission: Electronic 10-Speed Automatic Includes selectable drive modes: normal, ECO, sport, tow/haul, slippery, deep snow/sand and mud/rut. - Tires: 265/70R17 OWL A/T - Wheels: 17" Silver Steel - Radio: AM/FM Stereo w/6 Speakers Includes auxiliary audio input jack. - SYNC 4 Includes 8" LCD capacitive touchscreen with swipe capability, wireless phone connection, cloud connected, AppLink with App catalog, 911 Assist, Apple CarPlay and Android Auto compatibility and digital owners manual. - XL Power Equipment Group - Power Glass Sideview Mirrors w/Black Skull Caps Includes heat and manual-folding. - Illuminated Entry - MyKey - Perimeter Alarm - Power Door Locks Includes flip key and integrated key transmitter keyless-entry (includes Autolock). - Power Tailgate Lock - Power Front & Rear Windows - Cruise Control - Reverse Sensing System	
Powertrain		
995	Engine: 5.0L V8	\$1,995.00
	<i>Includes auto start-stop technology and flex-fuel capability.</i> <i>Includes:</i> - GVWR: 7,050 lbs Payload Package	
44G	Transmission: Electronic 10-Speed Automatic	Included
	<i>Includes selectable drive modes: normal, ECO, sport, tow/haul, slippery, deep snow/sand and mud/rut.</i>	
XL3	Electronic Locking w/3.31 Axle Ratio	Included
NONGV2	GVWR: 7,050 lbs Payload Package	Included
Wheels & Tires		
STDTR	Tires: 265/70R17 OWL A/T	Included
64C	Wheels: 17" Silver Steel	Included

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x4 SuperCab Styleside 6.5' box 145" WB XL (X1E)

Price Level: 120

As Configured Vehicle (cont'd)

Code	Description	MSRP
Seats & Seat Trim		
A	Vinyl 40/20/40 Front Seat	N/C
Other Options		
145WB	145" Wheelbase	STD
STDRD	Radio: AM/FM Stereo w/6 Speakers <i>Includes auxiliary audio input jack.</i> <i>Includes:</i> - SYNC 4 <i>Includes 8" LCD capacitive touchscreen with swipe capability, wireless phone connection, cloud connected, AppLink with App catalog, 911 Assist, Apple CarPlay and Android Auto compatibility and digital owners manual.</i>	Included
85A	XL Power Equipment Group <i>Includes:</i> - Power Glass Sideview Mirrors w/Black Skull Caps <i>Includes heat and manual-folding.</i> - Illuminated Entry - MyKey - Perimeter Alarm - Power Door Locks <i>Includes flip key and integrated key transmitter keyless-entry (includes Autolock).</i> - Power Tailgate Lock - Power Front & Rear Windows	Included
55A	FX4 Off-Road Package <i>Includes:</i> - Electronic Locking w/3.31 Axle Ratio - 4x4 FX4 Off-Road Bodyside Decal - Hill Descent Control - Off-Road Tuned Front Shock Absorbers - Monotube Rear Shocks - Rock Crawl Mode - Skid Plates <i>Includes fuel tank, transfer case and front differential.</i>	\$1,005.00
53B	Class IV Trailer Hitch Receiver Ordering the Trailer Tow Package does not include Integrated Brake Controller (67T). Integrated Brake Controller (67T) is a standalone option and must be ordered separately. <i>Includes towing capability up to TBD lbs. on 3.3L V6 PFDI engine (99B) and 2.7L EcoBoost engine (99P) or up to TBD lbs. on 3.5L EcoBoost engine (998) and 5.0L V8 engine (995), 7-pin wiring harness with 7-pin-to-4-pin adapter and smart trailer tow connector (Includes BLIS w/trailer tow coverage where BLIS is available.).</i>	\$205.00
413	Skid Plates <i>Includes fuel tank, transfer case and front differential.</i>	Included
18B	Black Platform Running Boards	\$250.00
67T	Integrated Trailer Brake Controller	\$275.00
PAINT	Monotone Paint Application	STD

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2021 F-150 4x4 SuperCab Styleside 6.5' box 145" WB XL (X1E)

Price Level: 120

As Configured Vehicle (cont'd)

Code	Description	MSRP
76R	Reverse Sensing System	Included
153	Front License Plate Bracket <i>Standard in states requiring 2 license plates, optional to all others.</i>	N/C
96W	Tough Bed Spray-In Bedliner Ford accessory.	\$595.00
Fleet Options		
50S	Cruise Control	Included
Interior Colors		
AS_02	Black	N/C
Primary Colors		
YZ_01	Oxford White	N/C
SUBTOTAL		\$42,310.00
Destination Charge		\$1,695.00
TOTAL		\$44,005.00

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2021 F-150 4x4 SuperCab Styleside 6.5' box 145" WB XL (X1E)

Price Level: 120

Selected Equip & Specs

Dimensions

- Exterior length: 231.7"
- Exterior height: 77.2"
- Min ground clearance: 9.4"
- Rear legroom: 33.5"
- Rear headroom: 40.3"
- Rear hiproom: 62.6"
- Rear shoulder room: 66.1"
- Approach angle: 25.8 deg
- Maximum cargo volume: 30.6cu.ft.
- Exterior width: 79.9"
- Wheelbase: 145.0"
- Front legroom: 43.9"
- Front headroom: 40.8"
- Front hiproom: 62.5"
- Front shoulder room: 66.7"
- Passenger volume: 116.3cu.ft.
- Departure angle: 26.1 deg
- Box length: 78.0"

Powertrain

- * **395hp 5.0L DOHC 32 valve V-8 engine with Ti-VCT variable valve control, variable intake length, port/direct injection**
- Recommended fuel : regular unleaded
- 10 speed automatic transmission with overdrive
- Fuel Economy Cty: N/A
- Capless fuel filler
- Auto stop-start feature
- * **LEV3-ULEV125**
- Part-time
- Fuel Economy Highway: N/A

Suspension/Handling

- * **Front independent double wishbone suspension with anti-roll bar, HD shocks**
- * **Adaptive suspension**
- Speed-sensing electric power-assist rack-pinion Steering
- P265/70SR17 OWL AT front and rear tires
- * **Rear rigid axle leaf spring suspension with HD shocks**
- * **Off-road ride Suspension**
- Front and rear 17 x 7.5 silver steel wheels

Body Exterior

- 4 doors
- Reverse opening right rear passenger
- Black door mirrors
- * **Running boards**
- Bed-rail protectors
- Easy lower tailgate
- Box style: regular
- * **Badging**
- 2 front tow hook(s)
- Reverse opening left rear passenger
- * **Driver and passenger power remote, manual folding door mirrors**
- Black bumpers
- * **Class IV trailer hitch with with brake controller and trailer sway control**
- Easy lift tailgate
- Trailer harness
- Clearcoat paint
- Front and rear 17 x 7.5 wheels

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2021 F-150 4x4 SuperCab Styleside 6.5' box 145" WB XL (X1E)

Price Level: 120

Selected Equip & Specs (cont'd)

Convenience

- Manual air conditioning
- * **Power windows**
- * **Driver and passenger 1-touch down**
- Manual tilt steering wheel
- Day-night rearview mirror
- SYNC 4 911 Assist emergency SOS
- 2 1st row LCD monitors
- Passenger visor mirror
- Driver and passenger door bins
- * **Cruise control with steering wheel controls**
- * **Driver and passenger 1-touch up**
- * **Remote power door locks with 2 stage unlock and illuminated entry**
- Manual telescopic steering wheel
- FordPass Connect 4G internet access
- Wireless phone connectivity
- Front and rear cupholders
- Full overhead console
- Rear door bins

Seats and Trim

- Seating capacity of 6
- 4-way driver seat adjustment
- Centre front armrest
- Front 40-20-40 split-bench seat
- 4-way passenger seat adjustment
- 60-40 folding rear split-bench seat

Entertainment Features

- AM/FM stereo radio with radio data system
- SYNC 4 external memory control
- 6 speakers
- Fixed antenna
- Auxiliary audio input
- Steering wheel mounted radio controls
- Streaming audio

Lighting, Visibility and Instrumentation

- Halogen aero-composite headlights
- Fully automatic headlights
- Light tinted windows
- Tachometer
- Oil pressure gauge
- Outside temperature display
- Low tire pressure warning
- Trip odometer
- Delay-off headlights
- Variable intermittent front windshield wipers
- Front reading lights
- Voltmeter
- Compass
- Camera(s) - rear
- * **Parking sensors**
- Lane departure

Safety and Security

- 4-wheel ABS brakes
- Electric parking brake
- AdvanceTrac w/Roll Stability Control Electronic stability control
- Dual front impact airbag supplemental restraint system
- * **Brake assist with hill descent control with hill hold control**
- 4-wheel disc brakes
- ABS and driveline traction control
- Dual seat mounted side impact airbag supplemental restraint system

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Prepared by: CHARLES ELLIS

10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x4 SuperCab Styleside 6.5' box 145" WB XL (X1E)

Price Level: 120

Selected Equip & Specs (cont'd)

- Safety Canopy System curtain 1st and 2nd row overhead airbag supplemental restraint system
- * **Remote activated perimeter/approach lighting**
- * **Security system with SecuriLock immobilizer**
- Manually adjustable front head restraints
- Ford Co-Pilot360 - Pre-Collision Assist with Automatic Emergency Braking (AEB) Feature
- Airbag supplemental restraint system occupancy sensor
- * **Power remote door locks with 2 stage unlock and panic alarm**
- * **MyKey restricted driving mode**
- 3 manually adjustable rear head restraints

Dimensions

General Weights

* **Curb** **122 lbs.** * **GVWR** **7,050 lbs.**

Front Weights

* **Front curb weight** **43 lbs.**

Rear Weights

* **Rear curb weight** **79 lbs.**

Trailer Type

* Type Regular	Harness Yes
* Class IV	* Hitch Yes
* Brake controller Yes	Trailer sway control Yes

Fuel Tank type

Capacity **23.01 gal.** Capless fuel filler **Yes**

Off Road

Approach angle 26 deg	Departure angle 26 deg
Ramp breakover angle 20 deg	Min ground clearance 9 "
Load floor height 35 "	

Exterior cargo

Length 78.0 "	Minimum width 51.1 "
Volume 62.3 cu.ft.	Pickup box depth 21.4 "
Maximum width 65.2 "	Tailgate width 60.3 "

Interior cargo

Maximum cargo volume **30.6 cu.ft.**

Powertrain

Engine Type

Block material **Aluminum** * **Cylinders** **V-8**

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2021 F-150 4x4 SuperCab Styleside 6.5' box 145" WB XL (X1E)

Price Level: 120

Selected Equip & Specs (cont'd)

Head material Aluminum
Injection Port/direct injection
Orientation Longitudinal
Valves per cylinder 4
Variable valve control Ti-VCT

Ignition Spark
* Liters 5.0L
Recommended fuel Regular unleaded
Valvetrain DOHC

Engine Spec

* Bore 3.63"
* Displacement 302 cu.in.

Compression ratio 12.0:1
* Stroke 3.65"

Engine Power

* SAEJ1349 AUG2004 compliant Yes
* Torque 400 ft.-lb @ 4,500 RPM

* Output 395 HP @ 5,750 RPM

Alternator

Amps 200

Battery

Amp hours 70
Run down protection Yes

Cold cranking amps 610

Engine Extras

Auto stop-start feature Yes

Transmission

Electronic control Yes
Overdrive Yes
Type Automatic

Lock-up Yes
Speed 10

Transmission Gear Ratios

1st 4.696
3rd 2.146
5th 1.52
7th 1
9th 0.689
Reverse Gear ratios 4.866

2nd 2.985
4th 1.769
6th 1.275
8th 0.854
10th 0.636

Transmission Extras

Driver selectable mode Yes

Sequential shift control SelectShift

Drive Type

4wd type Part-time

Type Four-wheel

Drive Feature

Traction control ABS and driveline
Transfer case shift Electronic

Locking hub control Auto
* Rear locking differential Driver selectable

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Price Level: 120

Selected Equip & Specs (cont'd)

Drive Axle

* Ratio 3.31

Exhaust

Material Stainless steel

System type Single

Emissions

* CARB LEV3-ULEV125

* EPA Tier 3 Bin 125

Fuel Economy

Fuel type Gasoline

Fuel Economy (Alternate 1)

Fuel type E85

Driveability

Brakes

ABS 4-wheel

Type 4-wheel disc

Electric parking brake Yes

ABS channels 4

Vented discs Front and rear

Brake Assistance

Brake assist Yes

* Hill descent control Yes

Hill hold control Yes

Suspension Control

* Ride Off-road

* Adaptive suspension Yes

Electronic stability control Stability control with anti-roll

Front Suspension

Independence Independent

Anti-roll bar Regular

Type Double wishbone

Front Spring

Type Coil

Grade Regular

Front Shocks

* Type HD

Rear Suspension

Independence Rigid axle

Type Leaf

Rear Spring

Type Leaf

Grade Regular

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2021 F-150 4x4 SuperCab Styleside 6.5' box 145" WB XL (X1E)

Price Level: 120

Selected Equip & Specs (cont'd)

Rear Shocks

* Type Premium

Steering

Speed-sensing Yes
Type Rack-pinion

Activation Electric power-assist

Steering Specs

of wheels 2

Exterior

Front Wheels

Diameter 17"

Width 7.50"

Rear Wheels

Diameter 17"

Width 7.50"

Spare Wheels

Wheel material Steel

Front and Rear Wheels

Appearance Silver
Covers Hub

Material Steel

Front Tires

Aspect 70
Sidewalls OWL
Tread AT
Width 265mm

Diameter 17"
Speed S
Type P

Rear Tires

Aspect 70
Sidewalls OWL
Tread AT
Width 265mm

Diameter 17"
Speed S
Type P

Spare Tire

Mount Underbody w/crankdown

Type Full-size

Wheels

Wheelbase 145.0"

Body Features

* Front license plate bracket Yes
* Skid plate(s) 3

* Running boards Yes
Body material Aluminum

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2021 F-150 4x4 SuperCab Styleside 6.5' box 145" WB XL (X1E)

Price Level: 120

Selected Equip & Specs (cont'd)

Side impact beams Yes
Front tow hook(s) 2

Active grille shutters Yes

Body Doors

Door count 4
Right rear passenger Reverse opening

Left rear passenger Reverse opening
Rear cargo Tailgate

Pickup

* Bed liner Spray-in
Bed-rail protectors Yes
Easy lower tailgate Yes

Box style Regular
Easy lift tailgate Yes

Exterior Dimensions

Length 231.7"
Body height 77.2"
Frame yield strength (psi) 49300.0

Body width 79.9"
Frame section modulus 5.0cu.in.
Front bumper to Front axle 37.8"

Safety

Airbags

Driver front-impact Yes
Occupancy sensor Yes

Driver side-impact Seat mounted
Overhead Safety Canopy System curtain 1st and 2nd row

Passenger front-impact Yes

Passenger side-impact Seat mounted

Seatbelt

Rear centre 3 point Yes
Pre-tensioners Front

Height adjustable Front
Pre-tensioners (#) 2

Security

Immobilizer SecuriLock
* Restricted driving mode MyKey

* Panic alarm Yes

Seating

Passenger Capacity

Capacity 6

Front Seats

Split 40-20-40

Type Split-bench

Driver Seat

Fore/aft Manual
Way direction control 4

Reclining Manual

Passenger seat

Fore/aft Manual

Reclining Manual

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Price Level: 120

Selected Equip & Specs (cont'd)

Way direction control 4

Front Head Restraint

Control Manual Type Adjustable

Front Armrest

Centre Yes

Rear Seats

Descriptor Split-bench Facing Front
Folding 60-40 Folding position Fold-up cushion
Type Fixed

Rear Head Restraints

Control Manual Type Adjustable
Number 3

Front Seat Trim

* Material Vinyl * Back material Vinyl

Rear Seat Trim Group

* Material Vinyl Back material Carpet

Convenience

AC And Heat Type

Air conditioning Manual Underseat ducts Yes

Audio System

Auxiliary audio input Yes Radio AM/FM stereo
Radio data system Yes Radio grade Regular
Seek-scan Yes External memory control SYNC 4

Audio Speakers

Speaker type Regular Speakers 6

Audio Controls

Speed sensitive volume Yes Steering wheel controls Yes
Voice activation Yes Streaming audio Bluetooth yes

Audio Antenna

Type Fixed

LCD Monitors

1st row 2 Primary monitor size (inches) 8

Cruise Control

* Cruise control With steering wheel controls

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Price Level: 120

Selected Equip & Specs (cont'd)

Convenience Features

* **Retained accessory power** **Yes**
Wireless phone connectivity SYNC 4

Emergency SOS SYNC 4 911 Assist
Smart device integration Mirroring

Door Lock Activation

* **Type** **Power with 2 stage unlock**
* **Integrated key/remote** **Yes**

* **Remote** **Keyfob (front doors)**
* **Auto locking** **Yes**

Door Lock Type

* **Tailgate/rear door lock** **Included with power door locks**

Door Locks Extra FOB Controls

Remote engine start Smart device only

Instrumentation Type

Display Analog

Instrumentation Gauges

Tachometer Yes
Engine temperature Yes
Transmission fluid temp Yes

Oil pressure Yes
Voltmeter Yes

Instrumentation Warnings

Oil pressure Yes
Battery Yes
Key Yes
Door ajar Yes
Brake fluid Yes

Engine temperature Yes
Lights on Yes
Low fuel Yes
Service interval Yes
Low tire pressure Tire specific

Instrumentation Displays

Clock In-radio display
Exterior temp Yes

Compass Yes
Camera(s) - rear Yes

Instrumentation Feature

Trip odometer Yes
Lane departure Active
Pedestrian detection Prevention

* **Parking sensors** **Rear**
Forward collision Mitigation

Steering Wheel Type

Material Urethane
Telescoping Manual

Tilting Manual

Front Side Windows

* **Window 1st row activation** **Power**

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Price Level: 120

Selected Equip & Specs (cont'd)

Windows Rear Side

*2nd row activation Power

Window Features

*1-touch down Driver and passenger *1-touch up Driver and passenger

Tinted Light

Front Windshield

Wiper Variable intermittent

Rear Windshield

Window Fixed

Interior

Passenger Visor

Mirror Yes

Rear View Mirror

Day-night Yes

Headliner

Coverage Full Material Cloth

Floor Trim

Coverage Full Covering Vinyl/rubber

Trim Feature

Gear shifter material Urethane Cabback insulator Yes

Interior accents Chrome

Lighting

Dome light type Fade Front reading Yes

*Illuminated entry Yes Variable IP lighting Yes

Overhead Console Storage

Storage Yes Type Full

Storage

Driver door bin Yes Front Beverage holder(s) Yes

Glove box Yes Passenger door bin Yes

Rear yes Yes Instrument panel Bin

Dashboard Yes Rear door bins Yes

Legroom

Front 43.9" Rear 33.5"

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Price Level: 120

Selected Equip & Specs (cont'd)

Headroom

Front	40.8"	Rear	40.3"
-------------	-------	------------	-------

Hip Room

Front	62.5"	Rear	62.6"
-------------	-------	------------	-------

Shoulder Room

Front	66.7"	Rear	66.1"
-------------	-------	------------	-------

Interior Volume

Passenger volume	116.3 cu.ft.
------------------------	--------------

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2021 F-150 4x4 SuperCab Styleside 6.5' box 145" WB XL (X1E)

Price Level: 120

Warranty

Standard Warranty

Basic

Distance	36,000 miles	Months	36 months
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Powertrain

Distance	60,000 miles	Months	60 months
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Corrosion Perforation

Distance	Unlimited miles	Months	60 months
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Roadside Assistance

Distance	60,000 miles	Months	60 months
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**Class 15 - Automobile
Standard Pick Up Crew Cab**

Vendor Name: THORNHILL FORD
Manufacturer/Brand: FORD
Model Name & Number: F150 W1E

Vendor Contact: CHARLES ELLIS
Phone No.: 304-855-8300
Email: CEELLIS@MAIL.COM

Vehicle Requirements:

Classification: Standard Pick Up Crew Cab
Drive: 4 Wheel/All Wheel with High & Low Range
Passenger seating: 4 minimum (including driver)
Doors: 4 full doors, minimum
Wheelbase: 149 in., minimum
GVWR: 6800 lbs. min, 7350 lbs. max.
Engine: Minimum 8 Cylinder for gasoline and Minimum 6 cylinder for diesel
Off Road Package: Includes but not limited to: Limited Slip rear axle, traction lock differential, heavy duty engine cooling, skid plates, heavy duty suspension with gas shocks, tow hooks and all terrain tires.
Tow Package: Factory Complete: Includes integrated electric trailer brake controller, hitch, and wiring
Slush/All weather Mats Installed on driver and passenger front and second row, except where vinyl floor covering is present.
Bed: Long bed with installed Spray-in bedliner
Sliding Rear Window: Not Required

Manufacturer's Standard Available Colors	
Standard Color Code	Color Description
D1	SLATE GRAY
PQ	RED
HX	BLUE
JS	SILVER
UM	BLACK
YZ	WHITE

Additional Requirements:

Factory Running Boards/Step Bars, Cab Length

The vehicle bid shall include the standard equipment requirements as required in section 3.1.1.1 of the specification.

Vendor Bid Response:				
Vehicle fuel type	EPA HIGHWAY MPG Rating	EPA CITY MPG Rating	Unit Price	Total Life Cycle Cost
Gasoline	21	15	35827.00	\$50231.78
Flex-fuel				
Diesel				
CNG/Bifuel				
Hybrid				

***Options:**

FOB Dealership: (Deduct)

FOB Other than Metro Charleston - Per Mile

\$ _____
 \$ _____

***Note - The above delivery "options" above are not evaluated as part of the award.**



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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x4 SuperCrew Cab Styleside 6.5' box 157" WB XL (W1E)

Price Level: 120

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
W1E	Base Vehicle Price (W1E)	\$42,635.00
Packages		
101A	Equipment Group 101A High	\$920.00
	- Option Discount	-\$750.00
	<i>Includes:</i> - Engine: 5.0L V8 <i>Includes auto start-stop technology and flex-fuel capability.</i> - Transmission: Electronic 10-Speed Automatic <i>Includes selectable drive modes: normal, ECO, sport, tow/haul, slippery, deep snow/sand and mud/rut.</i> - GVWR: 7,050 lbs Payload Package - Tires: 265/70R17 OWL A/T - Wheels: 17" Silver Steel - Radio: AM/FM Stereo w/6 Speakers <i>Includes auxiliary audio input jack.</i> - SYNC 4 <i>Includes 8" LCD capacitive touchscreen with swipe capability, wireless phone connection, cloud connected, AppLink with App catalog, 911 Assist, Apple CarPlay and Android Auto compatibility and digital owners manual.</i> - Cruise Control - Reverse Sensing System	
Powertrain		
995	Engine: 5.0L V8	Included
	<i>Includes auto start-stop technology and flex-fuel capability.</i>	
44G	Transmission: Electronic 10-Speed Automatic	Included
	<i>Includes selectable drive modes: normal, ECO, sport, tow/haul, slippery, deep snow/sand and mud/rut.</i>	
XL3	Electronic Locking w/3.31 Axle Ratio	Included
STDGV	GVWR: 7,050 lbs Payload Package	Included
Wheels & Tires		
STDTR	Tires: 265/70R17 OWL A/T	Included
64C	Wheels: 17" Silver Steel	Included
Seats & Seat Trim		
A	Vinyl 40/20/40 Front Seat	N/C
Other Options		

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x4 SuperCrew Cab Styleside 6.5' box 157" WB XL (W1E)

Price Level: 120

As Configured Vehicle (cont'd)

Code	Description	MSRP
157WB	157" Wheelbase	STD
STDRD	Radio: AM/FM Stereo w/6 Speakers <i>Includes auxiliary audio input jack.</i> <i>Includes:</i> - SYNC 4 - Includes 8" LCD capacitive touchscreen with swipe capability, wireless phone connection, cloud connected, AppLink with App catalog, 911 Assist, Apple CarPlay and Android Auto compatibility and digital owners manual.	Included
55A	FX4 Off-Road Package <i>Includes:</i> - Electronic Locking w/3.31 Axle Ratio - 4x4 FX4 Off-Road Bodyside Decal - Hill Descent Control - Off-Road Tuned Front Shock Absorbers - Monotube Rear Shocks - Rock Crawl Mode - Skid Plates - Includes fuel tank, transfer case and front differential.	\$1,005.00
53B	Class IV Trailer Hitch Receiver Ordering the Trailer Tow Package does not include Integrated Brake Controller (67T). Integrated Brake Controller (67T) is a standalone option and must be ordered separately. <i>Includes towing capability up to TBD lbs. on 3.3L V6 PFDI engine (99B) and 2.7L EcoBoost engine (99P) or up to TBD lbs. on 3.5L EcoBoost engine (998) and 5.0L V8 engine (995), 7-pin wiring harness with 7-pin-to-4-pin adapter and smart trailer tow connector (Includes BLIS w/trailer tow coverage where BLIS is available.).</i>	\$205.00
413	Skid Plates <i>Includes fuel tank, transfer case and front differential.</i>	Included
18B	Black Platform Running Boards	\$250.00
67T	Integrated Trailer Brake Controller	\$275.00
PAINT	Monotone Paint Application	STD
76R	Reverse Sensing System	Included
153	Front License Plate Bracket <i>Standard in states requiring 2 license plates, optional to all others.</i>	N/C
96W	Tough Bed Spray-In Bedliner Ford accessory.	\$595.00

Fleet Options

50S	Cruise Control	Included
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Interior Colors

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2021 F-150 4x4 SuperCrew Cab Styleside 6.5' box 157" WB XL (W1E)

Price Level: 120

As Configured Vehicle (cont'd)

Code	Description	MSRP
AS_02	Black	N/C
Primary Colors		
YZ_01	Oxford White	N/C
SUBTOTAL		\$45,135.00
Destination Charge		\$1,695.00
TOTAL		\$46,830.00

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2021 F-150 4x4 SuperCrew Cab Styleside 6.5' box 157" WB XL (W1E)

Price Level: 120

Selected Equip & Specs

Dimensions

- Exterior length: 243.5"
- Exterior height: 77.6"
- Min ground clearance: 8.8"
- Rear legroom: 43.6"
- Rear headroom: 40.4"
- Rear hiproom: 62.6"
- Rear shoulder room: 66.0"
- Approach angle: 25.5 deg
- Maximum cargo volume: 50.9cu.ft.
- Exterior width: 79.9"
- Wheelbase: 157.0"
- Front legroom: 43.9"
- Front headroom: 40.8"
- Front hiproom: 62.5"
- Front shoulder room: 66.7"
- Passenger volume: 131.9cu.ft.
- Departure angle: 26.4 deg
- Box length: 78.0"

Powertrain

- 395hp 5.0L DOHC 32 valve V-8 engine with variable valve control, variable intake length, port/direct injection
- Recommended fuel : regular unleaded
- 10 speed automatic transmission with overdrive
- Fuel Economy Cty: N/A
- Capless fuel filler
- Auto stop-start feature
- LEV3-ULEV125
- Part-time
- Fuel Economy Highway: N/A

Suspension/Handling

- * **Front independent double wishbone suspension with anti-roll bar, HD shocks**
- * **Adaptive suspension**
- Speed-sensing electric power-assist rack-pinion Steering
- P265/70SR17 OWL AT front and rear tires
- * **Rear rigid axle leaf spring suspension with HD shocks**
- * **Off-road ride Suspension**
- Front and rear 17 x 7.5 silver steel wheels

Body Exterior

- 4 doors
- Conventional right rear passenger
- Black door mirrors
- * **Running boards**
- Bed-rail protectors
- Easy lower tailgate
- Box style: regular
- * **Badging**
- 2 front tow hook(s)
- Conventional left rear passenger
- Driver and passenger power remote, manual folding door mirrors
- Black bumpers
- * **Class IV trailer hitch with with brake controller and trailer sway control**
- Easy lift tailgate
- Trailer harness
- Clearcoat paint
- Front and rear 17 x 7.5 wheels

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2021 F-150 4x4 SuperCrew Cab Styleside 6.5' box 157" WB XL (W1E)

Price Level: 120

Selected Equip & Specs (cont'd)

Convenience

- Manual air conditioning
- Power windows
- Driver and passenger 1-touch down
- Manual tilt steering wheel
- Day-night rearview mirror
- SYNC 4 911 Assist emergency SOS
- 2 1st row LCD monitors
- Passenger visor mirror
- Driver and passenger door bins
- * **Cruise control with steering wheel controls**
- Driver and passenger 1-touch up
- Remote power door locks with 2 stage unlock and illuminated entry
- Manual telescopic steering wheel
- FordPass Connect 4G internet access
- Wireless phone connectivity
- Front and rear cupholders
- Full overhead console
- Rear door bins

Seats and Trim

- Seating capacity of 6
- 4-way driver seat adjustment
- Centre front armrest
- Front 40-20-40 split-bench seat
- 4-way passenger seat adjustment
- 60-40 folding rear split-bench seat

Entertainment Features

- AM/FM stereo radio with radio data system
- SYNC 4 external memory control
- 6 speakers
- Fixed antenna
- Auxiliary audio input
- Steering wheel mounted radio controls
- Streaming audio

Lighting, Visibility and Instrumentation

- Halogen aero-composite headlights
- Fully automatic headlights
- Light tinted windows
- Tachometer
- Oil pressure gauge
- Outside temperature display
- Low tire pressure warning
- Trip odometer
- Delay-off headlights
- Variable intermittent front windshield wipers
- Front reading lights
- Voltmeter
- Compass
- Camera(s) - rear
- * **Parking sensors**
- Lane departure

Safety and Security

- 4-wheel ABS brakes
- Electric parking brake
- AdvanceTrac w/Roll Stability Control Electronic stability control
- Dual front impact airbag supplemental restraint system
- * **Brake assist with hill descent control with hill hold control**
- 4-wheel disc brakes
- ABS and driveline traction control
- Dual seat mounted side impact airbag supplemental restraint system

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Prepared by: CHARLES ELLIS

10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2021 F-150 4x4 SuperCrew Cab Styleside 6.5' box 157" WB XL (W1E)

Price Level: 120

Selected Equip & Specs (cont'd)

- Safety Canopy System curtain 1st and 2nd row overhead airbag supplemental restraint system
- Remote activated perimeter/approach lighting
- Security system with SecuriLock immobilizer
- Manually adjustable front head restraints
- Ford Co-Pilot360 - Pre-Collision Assist with Automatic Emergency Braking (AEB) Feature
- Airbag supplemental restraint system occupancy sensor
- Power remote door locks with 2 stage unlock and panic alarm
- MyKey restricted driving mode
- 3 manually adjustable rear head restraints

Dimensions

General Weights

* Curb 116 lbs.

Front Weights

* Front curb weight 40 lbs.

Rear Weights

* Rear curb weight 76 lbs.

Trailer Type

* Type Regular

* Class IV

* Brake controller Yes

Harness Yes

* Hitch Yes

Trailer sway control Yes

Fuel Tank type

Capacity 25.99 gal.

Capless fuel filler Yes

Off Road

Approach angle 26 deg

Ramp breakover angle 20 deg

Load floor height 36 "

Departure angle 26 deg

Min ground clearance 9 "

Exterior cargo

Length 78.0 "

Volume 62.3 cu.ft.

Maximum width 65.2 "

Minimum width 51.1 "

Pickup box depth 21.4 "

Tailgate width 60.3 "

Interior cargo

Maximum cargo volume 50.9 cu.ft.

Powertrain

Engine Type

Block material Aluminum

Cylinders V-8

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2021 F-150 4x4 SuperCrew Cab Styleside 6.5' box 157" WB XL (W1E)

Price Level: 120

Selected Equip & Specs (cont'd)

Head material Aluminum
Injection Port/direct injection
Orientation Longitudinal
Valves per cylinder 4
Variable valve control Yes

Ignition Spark
Liters 5.0L
Recommended fuel Regular unleaded
Valvetrain DOHC

Engine Spec

Bore 3.63"
Displacement 302 cu.in.

Compression ratio 12.0:1
Stroke 3.65"

Engine Power

SAEJ1349 AUG2004 compliant Yes
Torque 400 ft.-lb @ 4,500 RPM

Output 395 HP @ 5,750 RPM

Alternator

Amps 200

Battery

Amp hours 70
Run down protection Yes

Cold cranking amps 610

Engine Extras

Auto stop-start feature Yes

Transmission

Electronic control Yes
Overdrive Yes
Type Automatic

Lock-up Yes
Speed 10

Transmission Gear Ratios

1st 4.696
3rd 2.146
5th 1.52
7th 1
9th 0.689
Reverse Gear ratios 4.866

2nd 2.985
4th 1.769
6th 1.275
8th 0.854
10th 0.636

Transmission Extras

Driver selectable mode Yes

Sequential shift control SelectShift

Drive Type

4wd type Part-time

Type Four-wheel

Drive Feature

Traction control ABS and driveline
Transfer case shift Electronic

Locking hub control Auto
*Rear locking differential Driver selectable

Drive Axle

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2021 F-150 4x4 SuperCrew Cab Styleside 6.5' box 157" WB XL (W1E)

Price Level: 120

Selected Equip & Specs (cont'd)

Ratio 3.31

Exhaust

Material Stainless steel System type Single

Emissions

CARB LEV3-ULEV125 EPA Tier 3 Bin 125

Fuel Economy

Fuel type Gasoline

Driveability

Brakes

ABS 4-wheel ABS channels 4
Type 4-wheel disc Vented discs Front and rear
Electric parking brake Yes

Brake Assistance

Brake assist Yes * Hill descent control Yes
Hill hold control Yes

Suspension Control

* Ride Off-road * Adaptive suspension Yes
Electronic stability control Stability control with
anti-roll

Front Suspension

Independence Independent Type Double wishbone
Anti-roll bar Regular

Front Spring

Type Coil Grade Regular

Front Shocks

* Type HD

Rear Suspension

Independence Rigid axle Type Leaf

Rear Spring

Type Leaf Grade Regular

Rear Shocks

* Type Premium

Steering

Speed-sensing Yes Activation Electric power-assist

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2021 F-150 4x4 SuperCrew Cab Styleside 6.5' box 157" WB XL (W1E)

Price Level: 120

Selected Equip & Specs (cont'd)

Type Rack-pinion

Steering Specs

of wheels 2

Exterior

Front Wheels

Diameter 17"

Width 7.50"

Rear Wheels

Diameter 17"

Width 7.50"

Spare Wheels

Wheel material Steel

Front and Rear Wheels

Appearance Silver

Material Steel

Covers Hub

Front Tires

Aspect 70

Diameter 17"

Sidewalls OWL

Speed S

Tread AT

Type P

Width 265mm

Rear Tires

Aspect 70

Diameter 17"

Sidewalls OWL

Speed S

Tread AT

Type P

Width 265mm

Spare Tire

Mount Underbody w/crankdown

Type Full-size

Wheels

Wheelbase 157.0"

Body Features

* Front license plate bracket Yes

* Running boards Yes

* Skid plate(s) 3

Body material Aluminum

Side impact beams Yes

Active grille shutters Yes

Front tow hook(s) 2

Body Doors

Door count 4

Left rear passenger Conventional

Right rear passenger Conventional

Rear cargo Tailgate

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Price Level: 120

Selected Equip & Specs (cont'd)

Pickup

* Bed liner	Spray-in
Bed-rail protectors	Yes
Easy lower tailgate	Yes

Box style	Regular
Easy lift tailgate	Yes

Exterior Dimensions

Length	243.5"
Body height	77.6"
Frame yield strength (psi)	49300.0

Body width	79.9"
Frame section modulus	5.7cu.in.
Front bumper to Front axle	37.8"

Safety

Airbags

Driver front-impact	Yes
Occupancy sensor	Yes
Passenger front-impact	Yes

Driver side-impact	Seat mounted
Overhead	Safety Canopy System curtain 1st and 2nd row
Passenger side-impact	Seat mounted

Seatbelt

Rear centre 3 point	Yes
Pre-tensioners	Front

Height adjustable	Front
Pre-tensioners (#)	2

Security

Immobilizer	SecuriLock
Restricted driving mode	MyKey

Panic alarm	Yes
-------------	-----

Seating

Passenger Capacity

Capacity	6
----------	---

Front Seats

Split	40-20-40
-------	----------

Type	Split-bench
------	-------------

Driver Seat

Fore/aft	Manual
Way direction control	4

Reclining	Manual
-----------	--------

Passenger seat

Fore/aft	Manual
Way direction control	4

Reclining	Manual
-----------	--------

Front Head Restraint

Control	Manual
---------	--------

Type	Adjustable
------	------------

Front Armrest

Centre	Yes
--------	-----

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Price Level: 120

Selected Equip & Specs (cont'd)

Rear Seats

Descriptor Split-bench
Folding 60-40
Type Fixed

Facing Front
Folding position Fold-up cushion

Rear Head Restraints

Control Manual
Number 3

Type Adjustable

Front Seat Trim

* Material Vinyl

* Back material Vinyl

Rear Seat Trim Group

* Material Vinyl

Back material Carpet

Convenience

AC And Heat Type

Air conditioning Manual

Underseat ducts Yes

Audio System

Auxiliary audio input Yes
Radio data system Yes
Seek-scan Yes

Radio AM/FM stereo
Radio grade Regular
External memory control SYNC 4

Audio Speakers

Speaker type Regular

Speakers 6

Audio Controls

Speed sensitive volume Yes
Voice activation Yes

Steering wheel controls Yes
Streaming audio Bluetooth yes

Audio Antenna

Type Fixed

LCD Monitors

1st row 2

Primary monitor size (inches) 8

Cruise Control

* Cruise control With steering wheel controls

Convenience Features

Retained accessory power Yes
Wireless phone connectivity SYNC 4

Emergency SOS SYNC 4 911 Assist
Smart device integration Mirroring

Door Lock Activation

Type Power with 2 stage unlock

Remote Keyfob (all doors)

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2021 F-150 4x4 SuperCrew Cab Styleside 6.5' box 157" WB XL (W1E)

Price Level: 120

Selected Equip & Specs (cont'd)

Integrated key/remote	Yes	Auto locking	Yes
<i>Door Lock Type</i>			
Rear child safety	Manual	Tailgate/rear door lock	Included with power door locks
<i>Door Locks Extra FOB Controls</i>			
Remote engine start	Smart device only		
<i>Instrumentation Type</i>			
Display	Analog		
<i>Instrumentation Gauges</i>			
Tachometer	Yes	Oil pressure	Yes
Engine temperature	Yes	Voltmeter	Yes
Transmission fluid temp	Yes		
<i>Instrumentation Warnings</i>			
Oil pressure	Yes	Engine temperature	Yes
Battery	Yes	Lights on	Yes
Key	Yes	Low fuel	Yes
Door ajar	Yes	Service interval	Yes
Brake fluid	Yes	Low tire pressure	Tire specific
<i>Instrumentation Displays</i>			
Clock	In-radio display	Compass	Yes
Exterior temp	Yes	Camera(s) - rear	Yes
<i>Instrumentation Feature</i>			
Trip odometer	Yes	* Parking sensors	Rear
Lane departure	Active	Forward collision	Mitigation
Pedestrian detection	Prevention		
<i>Steering Wheel Type</i>			
Material	Urethane	Tilting	Manual
Telescoping	Manual		
<i>Front Side Windows</i>			
Window 1st row activation	Power		
<i>Windows Rear Side</i>			
2nd row activation	Power		
<i>Window Features</i>			
1-touch down	Driver and passenger	1-touch up	Driver and passenger
Tinted	Light		
<i>Front Windshield</i>			

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2021 F-150 4x4 SuperCrew Cab Styleside 6.5' box 157" WB XL (W1E)

Price Level: 120

Selected Equip & Specs (cont'd)

Wiper Variable intermittent

Rear Windshield

Window Fixed

Interior**Passenger Visor**

Mirror Yes

Rear View Mirror

Day-night Yes

Headliner

Coverage Full Material Cloth

Floor Trim

Coverage Full Covering Vinyl/rubber

Trim Feature

Gear shifter material Urethane Cabback insulator Yes

Interior accents Chrome

Lighting

Dome light type Fade Front reading Yes

Illuminated entry Yes Variable IP lighting Yes

Overhead Console Storage

Storage Yes Type Full

Storage

Driver door bin Yes Front Beverage holder(s) Yes

Glove box Yes Passenger door bin Yes

Rear yes Yes Instrument panel Bin

Dashboard Yes Rear door bins Yes

Legroom

Front 43.9" Rear 43.6"

Headroom

Front 40.8" Rear 40.4"

Hip Room

Front 62.5" Rear 62.6"

Shoulder Room

Front 66.7" Rear 66.0"

Interior Volume

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2021 F-150 4x4 SuperCrew Cab Styleside 6.5' box 157" WB XL (W1E)

Price Level: 120

Selected Equip & Specs (cont'd)

Passenger volume 131.9 cu.ft.

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2021 F-150 4x4 SuperCrew Cab Styleside 6.5' box 157" WB XL (W1E)

Price Level: 120

Warranty

Standard Warranty

Basic

Distance	36,000 miles	Months	36 months
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Powertrain

Distance	60,000 miles	Months	60 months
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Corrosion Perforation

Distance	Unlimited miles	Months	60 months
----------------	-----------------	--------------	-----------

Roadside Assistance

Distance	60,000 miles	Months	60 months
----------------	--------------	--------------	-----------

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**Class 16 - Automobile
Full Size Utility**

Vendor Name: THORNHILL FORD
Manufacturer/Brand: FORD
Model Name & Number: EXPEDITION U1J

Vendor Contact: CHARLES ELLIS
Phone No.: 304-855-8300
Email: CEELLIS@MAIL.COM

Vehicle Requirements:

Classification:	Full Size Utility	Manufacturer's Standard Available Colors	
Drive:	4-Wheel/All Wheel Drive	Standard Color Code	Color Description
Passenger seating:	5 minimum (including driver)	HX	BLUE
Doors:	4, minimum	JS	SILVER
Wheelbase:	116 in., minimum	J1	BROWN
GVWR:	7300 lbs. min, 7600 lbs. max.	J7	GRAY
Engine:	Minimum Acceptable Engines: GAS: 6 cylinder turbo; GAS: 8 cylinder non-turbo; Diesel: 6 cylinder turbo	UM	BLACK
Additional Requirements:		YZ	WHITE
Factory Running Boards/Step Bars			
Slush/ All-weather mats:	Installed: Driver, Passenger, Cargo area		
Limited Slip/ Traction Lock rear Axle			

Heated - Power Driver and Passenger Mirrors

Factory Remote Start/Entry

Factory Rear Bumper Reverse Traffic Sensors

Rear Defroster/Wiper

Rear Passenger Climate Controls

The vehicle bid shall include the standard equipment requirements as required in section 3.1.1.1 of the specification.

Vendor Bid Response:

Vehicle fuel type	EPA HIGHWAY MPG Rating	EPA CITY MPG Rating	Unit Price	Total Life Cycle Cost
Gasoline	23	17	\$50165.00	63176.52
Flex-fuel				
Diesel				
CNG/Bifuel				
Hybrid				

***Options:**

FOB Dealership: (Deduct) \$

FOB Other than Metro Charleston - Per Mile \$

*Note - The above delivery "options" above are not evaluated as part of the award.



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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Expedition 4dr 4x4 XLT (U1J)

Price Level: 40

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
U1J	Base Vehicle Price (U1J)	\$55,820.00
Packages		
202A	Equipment Group 202A <i>Includes:</i> <ul style="list-style-type: none"> - Engine: 3.5L EcoBoost V6 - Includes auto start-stop technology. - Transmission: 10-Speed Automatic w/SelectShift - GVWR: 7,450 lbs - Tires: P275/65R18 AT OWL - Wheels: 18" Machined-Face Aluminum - Includes magnetic-painted pockets. - ActiveX-Trimmed 1st & 2nd Row Seats - 8-passenger seating. Includes 10-way power driver and passenger seats with power lumbar, power recline and driver's side memory. - Radio: AM/FM Stereo w/MP3 Capable - Includes speed-compensated volume and 6 speakers. - SiriusXM Satellite Radio - SiriusXM audio and data services each require a subscription sold separately, or as a package, by Sirius XM Radio Inc. If you decide to continue service after your trial, the subscription plan you choose will automatically renew thereafter and you will be charged according to your chosen payment method at then-current rates. Fees and taxes apply. To cancel you must call SiriusXM at 1-866-635-2349. See SiriusXM customer agreement for complete terms at www.siriusxm.com. All fees and programming subject to change. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. Not available in Alaska or Hawaii. Includes 6-month prepaid subscription. - SYNC 3 Communications & Entertainment System - Includes enhanced voice recognition, 8" center LCD capacitive touch-screen with swiping and pinch-to-zoom capabilities (when ordered with navigation system), AppLink, 911 Assist, Apple CarPlay and Android Auto compatibility and (2) smart charging USB ports in media hub. - Power-Folding Heated Body-Color Power Mirrors - Includes turn signal indicators, driver/passenger memory, auto-fold and security approach lamps. - Santa Cruz Vinyl-Wrapped Center Console Side Rails - 2 Smart Charging USB Ports In 3rd Row - Wireless Charging Pad - Located in media hub. - 110V/150W AC Power Outlet - Advanced Security Pack - Includes SecuriLock Passive Anti-Theft System (PATS) and inclination/intrusion sensors. - Hands-Free Foot-Activated Liftgate - Includes power liftgate functionality. - Heated Steering Wheel - Uplevel Instrument Panel Cluster - Includes 8" productivity screen, digital display, message center, outside temperature display and trip computer. - Intelligent Access - Power Tilt/Telescopic Steering Wheel - Includes memory. - Chrome Platform Running Boards - Remote Start - Heated/Ventilated Front Seats - 2nd Row 40/20/40 Tip & Slide Seat - Power-folding. - 3rd Row Power-Folding Head Restraints - 3rd Row Vinyl Seat 	\$5,110.00
Powertrain		
99T	Engine: 3.5L EcoBoost V6 <i>Includes auto start-stop technology.</i>	Included

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2020 Expedition 4dr 4x4 XLT (U1J)

Price Level: 40

As Configured Vehicle (cont'd)

Code	Description	MSRP
44U	Transmission: 10-Speed Automatic w/SelectShift	Included
X3L	Electronic Limited Slip w/3.73 Axle Ratio	Included
STDGV	GVWR: 7,450 lbs	Included
Wheels & Tires		
STDTR	Tires: P275/65R18 AT OWL	Included
STDWL	Wheels: 18" Machined-Face Aluminum <i>Includes magnetic-painted pockets.</i>	Included
Seats & Seat Trim		
V	ActiveX-Trimmed 1st & 2nd Row Seats <i>8-passenger seating. Includes 10-way power driver and passenger seats with power lumbar, power recline and driver's side memory.</i>	Included
Other Options		
PAINT	Monotone Paint Application	STD
122WB	122" Wheelbase	STD
STDRD	Radio: AM/FM Stereo w/MP3 Capable <i>Includes speed-compensated volume and 6 speakers.</i> <i>Includes:</i> <i>- SiriusXM Satellite Radio</i> <i>SiriusXM audio and data services each require a subscription sold separately, or as a package, by Sirius XM Radio Inc. If you decide to continue service after your trial, the subscription plan you choose will automatically renew thereafter and you will be charged according to your chosen payment method at then-current rates. Fees and taxes apply. To cancel you must call SiriusXM at 1-866-635-2349. See SiriusXM customer agreement for complete terms at www.siriusxm.com. All fees and programming subject to change. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. Not available in Alaska or Hawaii. Includes 6-month prepaid subscription.</i> <i>- SYNC 3 Communications & Entertainment System</i> <i>Includes enhanced voice recognition, 8" center LCD capacitive touch-screen with swiping and pinch-to-zoom capabilities (when ordered with navigation system), AppLink, 911 Assist, Apple CarPlay and Android Auto compatibility and (2) smart charging USB ports in media hub.</i>	Included
536	Heavy-Duty Trailer Tow Package	\$1,570.00

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Expedition 4dr 4x4 XLT (U1J)

Price Level: 40

As Configured Vehicle (cont'd)

Code	Description	MSRP
	<i>Includes:</i> - Heavy-Duty Engine Radiator - Pro Trailer Backup Assist - Electronic Limited Slip w/3.73 Axle Ratio - Integrated Trailer Brake Controller - 2-Speed Automatic 4WD <i>Includes neutral towing capacity.</i>	
55R	Reversible Cargo Mat	\$40.00
47B	1st & 2nd Row Floor Liners	\$160.00
153	Front License Plate Bracket	N/C
	<i>Standard in states requiring two license plates and optional to all others.</i>	
Emissions		
425	50 States Emissions System	STD
Interior Colors		
VH_02	Ebony	N/C
Primary Colors		
YZ_02	Oxford White	N/C
SUBTOTAL		\$62,700.00
Destination Charge		\$1,695.00
TOTAL		\$64,395.00

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2020 Expedition 4dr 4x4 XLT (U1J)

Price Level: 40

Selected Equip & Specs

Dimensions

- Exterior length: 210.0"
- Exterior height: 76.4"
- Front track: 67.6"
- Turning radius: 20.5'
- Front legroom: 43.9"
- 3rd row legroom: 40.9"
- Rear headroom: 40.0"
- Front hiproom: 62.2"
- 3rd row hiproom: 51.4"
- Rear shoulder room: 64.8"
- Passenger volume: 171.9cu.ft.
- Departure angle: 21.9 deg
- Cargo volume seats folded: 63.6cu.ft.
- Exterior width: 79.9"
- Wheelbase: 122.5"
- Rear track: 67.2"
- Min ground clearance: 9.8"
- Rear legroom: 41.5"
- Front headroom: 42.0"
- 3rd row headroom: 37.3"
- Rear hiproom: 62.6"
- Front shoulder room: 64.9"
- 3rd row shoulder room: 64.2"
- Approach angle: 23.3 deg
- Cargo volume: 20.9cu.ft.
- Maximum cargo volume: 104.6cu.ft.

Powertrain

- EcoBoost 375hp 3.5L DOHC 24 valve twin turbo V-6 engine with variable valve control, gasoline direct injection
- Driver selectable mode
- LEV3-ULEV70
- Part and full-time
- Fuel Economy City: 17 mpg
- Capless fuel filler
- Auto stop-start feature
- Recommended fuel : premium unleaded
- 10 speed automatic transmission with overdrive
- * **Limited slip differential**
- Fuel Economy Highway: 22 mpg

Suspension/Handling

- Front independent double wishbone suspension with anti-roll bar, gas-pressurized shocks
- Speed-sensing electric power-assist rack-pinion Steering
- P275/65TR18 OWL AT front and rear tires
- Rear independent multi-link suspension with anti-roll bar, gas-pressurized shocks
- Front and rear 18 x 8.5 machined w/painted accents aluminum wheels

Body Exterior

- 4 doors
- * **Turn signal indicator in mirrors**
- Body-coloured bumpers
- * **Class IV trailer hitch with with brake controller and trailer sway control**
- * **Driver auto dimming power remote heated, power folding door mirror with turn signal indicator, passenger power remote heated folding door mirror with turn signal indicator**
- Body-coloured door mirrors
- Running boards
- Roof rack rails only

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2020 Expedition 4dr 4x4 XLT (U1J)

Price Level: 40

Selected Equip & Specs (cont'd)

- Trailer harness
- 2 front tow hook(s)

- Front and rear 18 x 8.5 wheels

Convenience

- Dual zone front automatic air conditioning with air filter
- Auxiliary rear heater
- * **Memory features include 2 Memory settings, door mirrors, steering wheel**
- Power windows
- Driver and passenger 1-touch down
- * **Intelligent Access proximity key doors and push button start**
- * **Trunk/hatch auto-latch**
- * **Power telescopic steering wheel**
- Day-night rearview mirror with auto-dimming
- Garage door transmitter
- Wireless phone connectivity
- 2 1st row LCD monitors
- Dual expandable coverage illuminated visor mirrors
- Full overhead console
- Rear door bins
- Rear HVAC with separate controls
- * **Driver seat memory**
- Cruise control with steering wheel controls
- Driver and passenger 1-touch up
- Remote power door locks with 2 stage unlock and illuminated entry
- * **Extra FOB controls cargo access, remote engine start**
- * **Power tilt steering wheel**
- * **Heated steering wheel**
- FordPass Connect 4G internet access
- SYNC 3 911 Assist emergency SOS
- * **Inductive device charging**
- Front and rear cupholders
- Full floor console
- Driver and passenger door bins

Seats and Trim

- Seating capacity of 8
- * **8-way power driver seat adjustment**
- Power height adjustable driver seat
- * **Power 2-way passenger lumbar support**
- * **Heated front seats**
- 40-20-40 folding rear split-bench seat with power recline
- Metal-look gear shifter material
- Cargo net
- Front bucket seats
- Power 2-way driver lumbar support
- * **8-way power passenger seat adjustment with power cushion tilt**
- Centre front armrest
- * **Ventilated front seats**
- 60-40 3rd row split-bench seat with power recline
- Leather steering wheel

Entertainment Features

- SiriusXM AM/FM/Satellite radio with radio data system
- SYNC 3 external memory control
- 6 speakers
- Auxiliary audio input
- Steering wheel mounted radio controls
- Streaming audio

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10/06/2020

Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Expedition 4dr 4x4 XLT (U1J)

Price Level: 40

Selected Equip & Specs (cont'd)

- Window grid antenna

Lighting, Visibility and Instrumentation

- Halogen aero-composite headlights
- Fully automatic headlights
- Variable intermittent front windshield wipers
- Fixed interval rear windshield wiper
- Fixed rearmost windows
- Front and rear reading lights
- Voltmeter
- Outside temperature display
- Low tire pressure warning
- Reverse Sensing System parking sensors
- Lane departure
- Delay-off headlights
- Front fog lights
- Speed sensitive wipers
- Rear window defroster
- Deep tinted windows
- Tachometer
- Compass
- Camera(s) - rear with washer
- Trip computer
- Trip odometer
- Ford Co-Pilot360 - Blind Spot Information System (BLIS) blind spot

Safety and Security

- 4-wheel ABS brakes
- 4-wheel disc brakes
- ABS and driveline traction control
- Dual seat mounted side impact airbag supplemental restraint system
- Airbag supplemental restraint system occupancy sensor
- Power remote door locks with 2 stage unlock and panic alarm
- MyKey restricted driving mode
- Fixed rear head restraints
- Ford Co-Pilot360 - Pre-Collision Assist with Automatic Emergency Braking (AEB) Feature
- Brake assist with hill descent control with hill hold control
- Electronic stability control
- Dual front impact airbag supplemental restraint system
- Safety Canopy System curtain 1st, 2nd and 3rd row overhead airbag supplemental restraint system
- Remote activated perimeter/approach lighting
- Security system with SecuriLock immobilizer and stolen vehicle tracking system
- Manually adjustable front head restraints
- Ford Co-Pilot360 - Blind Spot Information System (BLIS) blind spot

Dimensions

General Weights

Curb 5,692 lbs.
Payload 1,700 lbs.

GVWR 7,450 lbs.

Front Weights

Front GAWR 3,450 lbs.

Front curb weight 2,913 lbs.

Rear Weights

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2020 Expedition 4dr 4x4 XLT (U1J)

Price Level: 40

Selected Equip & Specs (cont'd)

Rear GAWR 4,380 lbs.

Rear curb weight 2,779 lbs.

Trailer Type

Type Regular

* Class IV

* Brake controller Yes

Harness Yes

Hitch Yes

Trailer sway control Yes

General Trailering

* Towing capacity 9200 lbs.

* GCWR 15500 lbs.

Fuel Tank type

Capacity 23.3 gal.

Capless fuel filler Yes

Off Road

Approach angle 23 deg

Ramp breakover angle 21 deg

Load floor height 35 "

Departure angle 22 deg

Min ground clearance 10 "

Interior cargo

Cargo volume 20.9 cu.ft.

Maximum cargo volume 104.6 cu.ft.

Cargo volume seats folded 63.6 cu.ft.

Powertrain

Engine Type

Brand EcoBoost

Cylinders V-6

Ignition Spark

Liters 3.5L

Recommended fuel Premium unleaded

Valvetrain DOHC

Forced induction Twin turbo

Block material Aluminum

Head material Aluminum

Injection Gasoline direct injection

Orientation Longitudinal

Valves per cylinder 4

Variable valve control Yes

Engine Spec

Bore 3.64"

Displacement 213 cu.in.

Compression ratio 10.5:1

Stroke 3.41"

Engine Power

Output 375 HP @ 5,000 RPM

Torque 470 ft.-lb @ 3,500 RPM

Alternator

Amps 150

Battery

Amp hours 72

Run down protection Yes

Cold cranking amps 675

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2020 Expedition 4dr 4x4 XLT (U1J)

Price Level: 40

Selected Equip & Specs (cont'd)

Engine Extras

* Radiator	HD	Auto stop-start feature	Yes
Driver selectable mode	Yes		

Transmission

Electronic control	Yes	Lock-up	Yes
Overdrive	Yes	Speed	10
Type	Automatic		

Transmission Gear Ratios

1st	4.696	2nd	2.985
3rd	2.146	4th	1.769
5th	1.52	6th	1.275
7th	1	8th	0.854
9th	0.689	10th	0.636
Reverse Gear ratios	4.866		

Transmission Extras

Driver selectable mode	Yes	Sequential shift control	SelectShift
Oil cooler	Regular duty		

Drive Type

4wd type	Part and full-time	Type	Four-wheel
----------	--------------------	------	------------

Drive Feature

* Limited slip differential	Electro-mechanical	Traction control	ABS and driveline
Locking hub control	Auto	Transfer case shift	Electronic

Drive Axle

* Ratio	3.73
---------	------

Exhaust

Material	Stainless steel	System type	Single
Tailpipe finisher	Chrome		

Emissions

CARB	LEV3-ULEV70	EPA	Tier 3 Bin 70
------	-------------	-----	---------------

Fuel Economy

City	17 mpg	Highway	22 mpg
Fuel type	Gasoline	Combined	19 mpg

Green Values

Energy Impact Score (Barrels per year)	17.3	Carbon FP / Tailpipe and upstream total GHG (CO ₂ , tons per year)	9.4
--	------	---	-----

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Expedition 4dr 4x4 XLT (U1J)

Price Level: 40

Selected Equip & Specs (cont'd)

Driveability

Brakes

ABS 4-wheel
Type 4-wheel disc

ABS channels 4
Vented discs Front and rear

Brake Assistance

Brake assist Yes
Hill hold control Yes

Hill descent control Yes

Suspension Control

Ride Regular

Electronic stability control Stability control with anti-roll

Front Suspension

Independence Independent
Anti-roll bar Regular

Type Double wishbone

Front Spring

Type Coil

Grade Regular

Front Shocks

Type Gas-pressurized

Rear Suspension

Independence Independent
Anti-roll bar Regular

Type Multi-link

Rear Spring

Type Coil

Grade Regular

Rear Shocks

Type Gas-pressurized

Steering

Speed-sensing Yes
Type Rack-pinion

Activation Electric power-assist

Steering Specs

of wheels 2

Exterior

Front Wheels

Diameter 18"

Width 8.50"

Rear Wheels

Diameter 18"

Width 8.50"

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2020 Expedition 4dr 4x4 XLT (U1J)

Price Level: 40

Selected Equip & Specs (cont'd)

Spare Wheels

Wheel material Steel

Front and Rear Wheels

Appearance Machined w/painted accents

Material Aluminum

Front Tires

Aspect 65

Diameter 18"

Sidewalls OWL

Speed T

Tread AT

Type P

Width 275mm

Rear Tires

Aspect 65

Diameter 18"

Sidewalls OWL

Speed T

Tread AT

Type P

Width 275mm

Spare Tire

Mount Underbody w/crankdown

Type Full-size

Wheels

Front track 67.6"

Rear track 67.2"

Turning radius 20.5'

Wheelbase 122.5"

Body Features

* Front license plate bracket Yes

Running boards Yes

Body material Galvanized steel/aluminum

Side impact beams Yes

Active grille shutters Yes

Front tow hook(s) 2

Body Doors

Door count 4

Left rear passenger Conventional

Right rear passenger Conventional

* Rear cargo Power liftgate

Exterior Dimensions

Length 210.0"

Body width 79.9"

Body height 76.4"

Rear door opening height 32.7"

Rear door opening width 51.4"

Safety

Airbags

Driver front-impact Yes

Driver side-impact Seat mounted

Occupancy sensor Yes

Overhead Safety Canopy System curtain 1st, 2nd and 3rd row

Passenger front-impact Yes

Passenger side-impact Seat mounted

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2020 Expedition 4dr 4x4 XLT (U1J)

Price Level: 40

Selected Equip & Specs (cont'd)

Seatbelt

Rear centre 3 point Yes
Pre-tensioners Front

Height adjustable Front
Pre-tensioners (#) 2

Security

Immobilizer SecuriLock
Restricted driving mode MyKey

Panic alarm Yes

Seating

Passenger Capacity

Capacity 8

Front Seats

Split Buckets

Type Bucket

* Ventilated Driver and passenger

* Heated-cushion Driver and passenger

* Heated-seatback Driver and passenger

Driver Seat

Fore/aft Power

* Reclining Power

Lumbar support Power 2-way

Height adjustable Power

Way direction control 8

Cushion tilt Power

Passenger seat

* Fore/aft Power

* Way direction control 8

* Lumbar support Power 2-way

* Reclining Power

* Height adjustable Power

* Cushion tilt Power

Front Head Restraint

Control Manual

Type Adjustable

Front Armrest

Centre Yes

Rear Seats

Descriptor Split-bench

Folding 40-20-40

Type Fixed

Fore/aft Manual

Facing Front

Folding position Fold forward seatback

Reclining Manual

Rear Head Restraints

Type Fixed

Number 2

3rd Row Seats

Type Fixed

Folding 60-40

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2020 Expedition 4dr 4x4 XLT (U1J)

Price Level: 40

Selected Equip & Specs (cont'd)

Reclining	Power	Descriptor	Split-bench
Facing	Front	Fold into floor	Power
<i>3rd Row Head Restraint</i>			
* Type	Adjustable	* Control	Power
Number	3		
<i>Front Seat Trim</i>			
* Material	ActiveX leatherette	* Back material	Leatherette
<i>Rear Seat Trim Group</i>			
* Material	ActiveX leatherette	Back material	Carpet
<i>3rd Row Seat Trim</i>			
* Material	Vinyl	Back material	Carpet
<i>Memory Settings</i>			
* Seats	Driver	* Memory setting(s)	2
* Includes door mirror(s)	Yes	* Includes steering wheel	Yes

Convenience

AC And Heat Type

Air conditioning	Automatic	Dual zone front	Yes
Rear HVAC	With separate controls	Air filter	Yes
Underseat ducts	Yes	Auxiliary rear heater	Yes
Headliner/pillar ducts	Yes		

Audio System

Auxiliary audio input	Yes	Radio	SiriusXM AM/FM/Satellite
Radio data system	Yes	Radio grade	Regular
Seek-scan	Yes	External memory control	SYNC 3

Audio Speakers

Speaker type	Regular	Speakers	6
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Audio Controls

Speed sensitive volume	Yes	Steering wheel controls	Yes
Voice activation	Yes	Streaming audio	Bluetooth yes

Audio Antenna

Type	Window grid
------	-------------

LCD Monitors

1st row	2	Primary monitor size (inches)	8
---------	---	-------------------------------	---

Cruise Control

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2020 Expedition 4dr 4x4 XLT (U1J)

Price Level: 40

Selected Equip & Specs (cont'd)

Cruise control With steering wheel controls

Remote Releases

* Cargo access Proximity

Rear window Keyfob

Convenience Features

* Trunk/hatch auto-latch Yes

Retained accessory power Yes

Garage door transmitter Yes

12V DC power outlet 4

Emergency SOS SYNC 3 911 Assist

Wireless phone connectivity Bluetooth

* AC power outlet 1

Smart device integration Mirroring

* Inductive device charging Front

Door Lock Activation

Type Power with 2 stage unlock

Remote Keyfob (all doors)

Keypad Yes

Integrated key/remote Yes

Auto locking Yes

* Proximity key Intelligent Access doors and push button start

Door Lock Type

Rear child safety Manual

Tailgate/rear door lock Included with power door locks

Door Locks Extra FOB Controls

* Cargo access Yes

* Remote engine start Keyfob

Instrumentation Type

* Display Digital/analog

Instrumentation Gauges

Tachometer Yes

Oil pressure Yes

Engine temperature Yes

Voltmeter Yes

Instrumentation Warnings

Oil pressure Yes

Engine temperature Yes

Battery Yes

Lights on Yes

Key Yes

Low fuel Yes

Low washer fluid Yes

Door ajar Yes

Rear cargo ajar Yes

Service interval Yes

Brake fluid Yes

Low tire pressure Tire specific

Instrumentation Displays

Clock In-radio display

Compass Yes

Exterior temp Yes

Systems monitor Yes

Camera(s) - rear With washer

Instrumentation Feature

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2020 Expedition 4dr 4x4 XLT (U1J)

Price Level: 40

Selected Equip & Specs (cont'd)

Trip computer	Yes	Trip odometer	Yes
Parking sensors	Rear	Lane departure	Active
Blind spot	Warning	Forward collision	Mitigation
Rear collision	Warning	Pedestrian detection	Prevention
Steering Wheel Type			
Material	Leather	* Tilting	Power
* Telescoping	Power	* Heated	Yes
Front Side Windows			
Window 1st row activation	Power		
Windows Rear Side			
2nd row activation	Power	3rd row activation	Fixed
Window Features			
1-touch down	Driver and passenger	1-touch up	Driver and passenger
Tinted	Deep		
Front Windshield			
Wiper	Variable intermittent	Heating	Wiper park
Speed sensitive wipers	Yes		
Rear Windshield			
Wiper	Fixed interval	Heating	Wiper park
Defroster	Yes	Window	Flip-up

Interior

Driver Visor			
Illuminated	Yes	Expandable coverage	Yes
Mirror	Yes		
Passenger Visor			
Illuminated	Yes	Expandable coverage	Yes
Mirror	Yes		
Rear View Mirror			
Day-night	Yes	Auto-dimming	Yes
Trim Door			
Trim insert	Vinyl		
Headliner			
Coverage	Full	Material	Cloth
Floor Trim			
Coverage	Full	Covering	Carpet

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2020 Expedition 4dr 4x4 XLT (U1J)

Price Level: 40

Selected Equip & Specs (cont'd)

* Mats Vinyl/rubber front and rear

Trim Feature

Gear shifter material Metal-look

Interior accents Metal-look

Lighting

Dome light type Fade

Front reading Yes

Illuminated entry Yes

Rear reading Yes

Variable IP lighting Yes

Floor Console Storage

Storage Covered

Type Full

Overhead Console Storage

Storage Yes

Type Full

Conversation mirror Yes

Storage

Driver door bin Yes

Front Beverage holder(s) Yes

Glove box Yes

Passenger door bin Yes

Rear yes Yes

Dashboard Yes

Rear door bins Yes

Cargo Space Trim

Floor Carpet

Trunk lid/rear cargo door Plastic

* Mat Carpet and rubber

Cargo Space Feature

Net Yes

Light Yes

Legroom

Front 43.9"

Rear 41.5"

Third 40.9"

Headroom

Front 42.0"

Rear 40.0"

Third 37.3"

Hip Room

Front 62.2"

Rear 62.6"

Third 51.4"

Shoulder Room

Front 64.9"

Rear 64.8"

Third 64.2"

Interior Volume

Passenger volume 171.9 cu.ft.

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2020 Expedition 4dr 4x4 XLT (U1J)

Price Level: 40

Warranty

Standard Warranty

Basic

Distance	36,000 miles	Months	36 months
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Powertrain

Distance	60,000 miles	Months	60 months
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Corrosion Perforation

Distance	Unlimited miles	Months	60 months
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Roadside Assistance

Distance	60,000 miles	Months	60 months
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**Class 17 - Automobile
Full Size Utility**

Vendor Name: THORNHILL FORD
Manufacturer/Brand: FORD
Model Name & Number: EXPEDITION K1J

Vendor Contact: CHARLES ELLIS
Phone No.: 304-855-8300
Email: CEELLIS@MAIL.COM

Vehicle Requirements:

Classification:	Full Size Utility	Manufacturer's Standard Available Colors	
Drive:	4-Wheel/All Wheel Drive	Standard Color Code	Color Description
Passenger seating:	8 minimum (including driver)	HX	BLUE
Doors:	4, minimum	JS	SILVER
Wheelbase:	130 in., minimum	J1	BROWN
GVWR:	7300 lbs. min, 7600 lbs. max.	J7	GRAY
Engine:	Minimum Acceptable Engines: GAS: 6 cylinder turbo; GAS: 8 cylinder non-turbo; Diesel: 6 cylinder turbo	UM	BLACK
Additional Requirements:		YZ	WHITE
Factory Running Boards/Step Bars			
Slush/ All-weather mats:	Installed: Driver, Passenger, Cargo area		
Limited Slip/ Tracktion Lock rear Axle			

Heated - Power Driver and Passenger Mirrors

Factory Remote Start/Entry

Factory Rear Bumper Reverse Traffic Sensors

Rear Defroster/Wiper

Rear Passenger Climate Controls

The vehicle bid shall include the standard equipment requirements as required in section 3.1.1.1 of the specification.

Vendor Bid Response:				
Vehicle fuel type	EPA HIGHWAY MPG Rating	EPA CITY MPG Rating	Unit Price	Total Life Cycle Cost
Gasoline	23	17	\$52960.00	\$65971.52
Flex-fuel				
Diesel				
CNG/Bifuel				
Hybrid				

***Options:**

FOB Dealership: (Deduct)

\$ _____

FOB Other than Metro Charleston - Per Mile

\$ _____

*Note - The above delivery "options" above are not evaluated as part of the award.



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2020 Expedition Max 4dr 4x4 XLT (K1J)

Price Level: 40

As Configured Vehicle

Code	Description	MSRP
Base Vehicle		
K1J	Base Vehicle Price (K1J)	\$58,845.00
Packages		
202A	Equipment Group 202A <i>Includes:</i> <ul style="list-style-type: none"> - Engine: 3.5L EcoBoost V6 - Includes auto start-stop technology. - Transmission: 10-Speed Automatic w/SelectShift - GVWR: 7,550 lbs - Tires: P275/65R18 AT OWL - Wheels: 18" Machined-Face Aluminum - Includes magnetic-painted pockets. - ActiveX-Trimmed 1st & 2nd Row Seats - 8-passenger seating. Includes 10-way power driver and passenger seats with power lumbar, power recline and driver's side memory. - Radio: AM/FM Stereo w/MP3 Capable - Includes speed-compensated volume and 6 speakers. - SiriusXM Satellite Radio <p>SiriusXM audio and data services each require a subscription sold separately, or as a package, by Sirius XM Radio Inc. If you decide to continue service after your trial, the subscription plan you choose will automatically renew thereafter and you will be charged according to your chosen payment method at then-current rates. Fees and taxes apply. To cancel you must call SiriusXM at 1-866-635-2349. See SiriusXM customer agreement for complete terms at www.siriusxm.com. All fees and programming subject to change. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. Not available in Alaska or Hawaii. Includes 6-month prepaid subscription.</p> <ul style="list-style-type: none"> - SYNC 3 Communications & Entertainment System - Includes enhanced voice recognition, 8" center LCD capacitive touch-screen with swiping and pinch-to-zoom capabilities (when ordered with navigation system), AppLink, 911 Assist, Apple CarPlay and Android Auto compatibility and (2) smart charging USB ports in media hub. - Power-Folding Heated Body-Color Power Mirrors - Includes turn signal indicators, driver/passenger memory, auto-fold and security approach lamps. - Santa Cruz Vinyl-Wrapped Center Console Side Rails - 2 Smart Charging USB Ports In 3rd Row - Wireless Charging Pad - Located in media hub. - 110V/150W AC Power Outlet - Advanced Security Pack - Includes SecuriLock Passive Anti-Theft System (PATS) and inclination/intrusion sensors. - Hands-Free Foot-Activated Liftgate - Includes power liftgate functionality. - Heated Steering Wheel - Uplevel Instrument Panel Cluster - Includes 8" productivity screen, digital display, message center, outside temperature display and trip computer. - Intelligent Access - Power Tilt/Telescopic Steering Wheel - Includes memory. - Chrome Platform Running Boards - Remote Start - Heated/Ventilated Front Seats - 2nd Row 40/20/40 Tip & Slide Seat - Power-folding. - 3rd Row Power-Folding Head Restraints - 3rd Row Vinyl Seat 	\$5,110.00
Powertrain		
99T	Engine: 3.5L EcoBoost V6 <i>Includes auto start-stop technology.</i>	Included

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2020 Expedition Max 4dr 4x4 XLT (K1J)

Price Level: 40

As Configured Vehicle (cont'd)

Code	Description	MSRP
44U	Transmission: 10-Speed Automatic w/SelectShift	Included
X3L	Electronic Limited Slip w/3.73 Axle Ratio	Included
STDGV	GVWR: 7,550 lbs	Included
Wheels & Tires		
STDTR	Tires: P275/65R18 AT OWL	Included
STDWL	Wheels: 18" Machined-Face Aluminum <i>Includes magnetic-painted pockets.</i>	Included
Seats & Seat Trim		
V	ActiveX-Trimmed 1st & 2nd Row Seats <i>8-passenger seating. Includes 10-way power driver and passenger seats with power lumbar, power recline and driver's side memory.</i>	Included
Other Options		
PAINT	Monotone Paint Application	STD
131WB	131" Wheelbase	STD
STDRD	Radio: AM/FM Stereo w/MP3 Capable <i>Includes speed-compensated volume and 6 speakers.</i> <i>Includes:</i> - SiriusXM Satellite Radio SiriusXM audio and data services each require a subscription sold separately, or as a package, by Sirius XM Radio Inc. If you decide to continue service after your trial, the subscription plan you choose will automatically renew thereafter and you will be charged according to your chosen payment method at then-current rates. Fees and taxes apply. To cancel you must call SiriusXM at 1-866-635-2349. See SiriusXM customer agreement for complete terms at www.siriusxm.com . All fees and programming subject to change. Sirius, XM and all related marks and logos are trademarks of Sirius XM Radio Inc. Not available in Alaska or Hawaii. Includes 6-month prepaid subscription. - SYNC 3 Communications & Entertainment System Includes enhanced voice recognition, 8" center LCD capacitive touch-screen with swiping and pinch-to-zoom capabilities (when ordered with navigation system), AppLink, 911 Assist, Apple CarPlay and Android Auto compatibility and (2) smart charging USB ports in media hub.	Included
536	Heavy-Duty Trailer Tow Package	\$1,570.00

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2020 Expedition Max 4dr 4x4 XLT (K1J)

Price Level: 40

As Configured Vehicle (cont'd)

Code	Description	MSRP
	<i>Includes:</i> - Heavy-Duty Engine Radiator - Pro Trailer Backup Assist - Electronic Limited Slip w/3.73 Axle Ratio - Integrated Trailer Brake Controller - 2-Speed Automatic 4WD <i>Includes neutral towing capacity.</i>	
55R	Reversible Cargo Mat	\$40.00
47B	1st & 2nd Row Floor Liners	\$160.00
153	Front License Plate Bracket	N/C
	<i>Standard in states requiring two license plates and optional to all others.</i>	
Emissions		
425	50 States Emissions System	STD
Interior Colors		
VH_02	Ebony	N/C
Primary Colors		
YZ_02	Oxford White	N/C
SUBTOTAL		\$65,725.00
Destination Charge		\$1,695.00
TOTAL		\$67,420.00

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2020 Expedition Max 4dr 4x4 XLT (K1J)

Price Level: 40

Selected Equip & Specs

Dimensions

- Exterior length: 221.9"
- Exterior height: 76.2"
- Front track: 67.6"
- Turning radius: 21.7'
- Front legroom: 43.9"
- 3rd row legroom: 40.9"
- Rear headroom: 40.0"
- Front hiproom: 62.2"
- 3rd row hiproom: 51.4"
- Rear shoulder room: 64.8"
- Passenger volume: 172.0cu.ft.
- Departure angle: 21.3 deg
- Cargo volume seats folded: 79.6cu.ft.
- Exterior width: 79.9"
- Wheelbase: 131.6"
- Rear track: 67.2"
- Min ground clearance: 9.7"
- Rear legroom: 42.6"
- Front headroom: 42.0"
- 3rd row headroom: 37.3"
- Rear hiproom: 62.6"
- Front shoulder room: 64.9"
- 3rd row shoulder room: 64.3"
- Approach angle: 23.7 deg
- Cargo volume: 36.0cu.ft.
- Maximum cargo volume: 121.4cu.ft.

Powertrain

- EcoBoost 375hp 3.5L DOHC 24 valve twin turbo V-6 engine with variable valve control, gasoline direct injection
- Driver selectable mode
- LEV3-ULEV70
- Part and full-time
- Fuel Economy City: 16 mpg
- Capless fuel filler
- Auto stop-start feature
- Recommended fuel : premium unleaded
- 10 speed automatic transmission with overdrive
- * **Limited slip differential**
- Fuel Economy Highway: 21 mpg

Suspension/Handling

- Front independent double wishbone suspension with anti-roll bar, gas-pressurized shocks
- Speed-sensing electric power-assist rack-pinion Steering
- P275/65TR18 OWL AT front and rear tires
- Rear independent multi-link suspension with anti-roll bar, gas-pressurized shocks
- Front and rear 18 x 8.5 machined w/painted accents aluminum wheels

Body Exterior

- 4 doors
- * **Turn signal indicator in mirrors**
- Body-coloured bumpers
- * **Class IV trailer hitch with with brake controller and trailer sway control**
- * **Driver auto dimming power remote heated, power folding door mirror with turn signal indicator, passenger power remote heated folding door mirror with turn signal indicator**
- Body-coloured door mirrors
- Running boards
- Roof rack rails only

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Expedition Max 4dr 4x4 XLT (K1J)

Price Level: 40

Selected Equip & Specs (cont'd)

- Trailer harness
- 2 front tow hook(s)

- Front and rear 18 x 8.5 wheels

Convenience

- Dual zone front automatic air conditioning with air filter
- Auxiliary rear heater
- * **Memory features include 2 Memory settings, door mirrors, steering wheel**
- Power windows
- Driver and passenger 1-touch down
- * **Intelligent Access proximity key doors and push button start**
- * **Trunk/hatch auto-latch**
- * **Power telescopic steering wheel**
- Day-night rearview mirror with auto-dimming
- Garage door transmitter
- Wireless phone connectivity
- 2 1st row LCD monitors
- Dual expandable coverage illuminated visor mirrors
- Full overhead console
- Rear door bins
- Rear HVAC with separate controls
- * **Driver seat memory**
- Cruise control with steering wheel controls
- Driver and passenger 1-touch up
- Remote power door locks with 2 stage unlock and illuminated entry
- * **Extra FOB controls cargo access, remote engine start**
- * **Power tilt steering wheel**
- * **Heated steering wheel**
- FordPass Connect 4G internet access
- SYNC 3 911 Assist emergency SOS
- * **Inductive device charging**
- Front and rear cupholders
- Full floor console
- Driver and passenger door bins

Seats and Trim

- Seating capacity of 8
- * **8-way power driver seat adjustment**
- Power height adjustable driver seat
- * **Power 2-way passenger lumbar support**
- * **Heated front seats**
- 40-20-40 folding rear split-bench seat with power recline
- Metal-look gear shifter material
- Cargo net
- Front bucket seats
- Power 2-way driver lumbar support
- * **8-way power passenger seat adjustment with power cushion tilt**
- Centre front armrest
- * **Ventilated front seats**
- 60-40 3rd row split-bench seat with power recline
- Leather steering wheel

Entertainment Features

- SiriusXM AM/FM/Satellite radio with radio data system
- SYNC 3 external memory control
- 6 speakers
- Auxiliary audio input
- Steering wheel mounted radio controls
- Streaming audio

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2020 Expedition Max 4dr 4x4 XLT (K1J)

Price Level: 40

Selected Equip & Specs (cont'd)

- Window grid antenna

Lighting, Visibility and Instrumentation

- Halogen aero-composite headlights
- Fully automatic headlights
- Variable intermittent front windshield wipers
- Fixed interval rear windshield wiper
- Fixed rearmost windows
- Front and rear reading lights
- Voltmeter
- Outside temperature display
- Low tire pressure warning
- Reverse Sensing System parking sensors
- Lane departure
- Delay-off headlights
- Front fog lights
- Speed sensitive wipers
- Rear window defroster
- Deep tinted windows
- Tachometer
- Compass
- Camera(s) - rear with washer
- Trip computer
- Trip odometer
- Ford Co-Pilot360 - Blind Spot Information System (BLIS) blind spot

Safety and Security

- 4-wheel ABS brakes
- 4-wheel disc brakes
- ABS and driveline traction control
- Dual seat mounted side impact airbag supplemental restraint system
- Airbag supplemental restraint system occupancy sensor
- Power remote door locks with 2 stage unlock and panic alarm
- MyKey restricted driving mode
- Fixed rear head restraints
- Ford Co-Pilot360 - Pre-Collision Assist with Automatic Emergency Braking (AEB) Feature
- Brake assist with hill descent control with hill hold control
- Electronic stability control
- Dual front impact airbag supplemental restraint system
- Safety Canopy System curtain 1st, 2nd and 3rd row overhead airbag supplemental restraint system
- Remote activated perimeter/approach lighting
- Security system with SecuriLock immobilizer and stolen vehicle tracking system
- Manually adjustable front head restraints
- Ford Co-Pilot360 - Blind Spot Information System (BLIS) blind spot

Dimensions

General Weights

Curb	5,793 lbs.	GVWR	7,550 lbs.
Payload	1,690 lbs.		

Front Weights

Front GAWR	3,450 lbs.	Front curb weight	2,912 lbs.
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Rear Weights

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Expedition Max 4dr 4x4 XLT (K1J)

Price Level: 40

Selected Equip & Specs (cont'd)

Rear GAWR 4,380 lbs.

Rear curb weight 2,881 lbs.

Trailer Type

Type Regular

Harness Yes

* Class IV

Hitch Yes

* Brake controller Yes

Trailer sway control Yes

General Trailering

* Towing capacity 9000 lbs.

* GCWR 15500 lbs.

Fuel Tank type

Capacity 28.29 gal.

Capless fuel filler Yes

Off Road

Approach angle 24 deg

Departure angle 21 deg

Ramp breakover angle 20 deg

Min ground clearance 10 "

Load floor height 35 "

Interior cargo

Cargo volume 36.0 cu.ft.

Cargo volume seats folded 79.6 cu.ft.

Maximum cargo volume 121.4 cu.ft.

Powertrain

Engine Type

Brand EcoBoost

Block material Aluminum

Cylinders V-6

Head material Aluminum

Ignition Spark

Injection Gasoline direct injection

Liters 3.5L

Orientation Longitudinal

Recommended fuel Premium unleaded

Valves per cylinder 4

Valvetrain DOHC

Variable valve control Yes

Forced induction Twin turbo

Engine Spec

Bore 3.64"

Compression ratio 10.5:1

Displacement 213 cu.in.

Stroke 3.41"

Engine Power

Output 375 HP @ 5,000 RPM

Torque 470 ft.-lb @ 3,500 RPM

Alternator

Amps 150

Battery

Amp hours 72

Cold cranking amps 675

Run down protection Yes

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2020 Expedition Max 4dr 4x4 XLT (K1J)

Price Level: 40

Selected Equip & Specs (cont'd)

Engine Extras

* Radiator **HD**
 Driver selectable mode **Yes**

Auto stop-start feature **Yes**

Transmission

Electronic control **Yes**
 Overdrive **Yes**
 Type **Automatic**

Lock-up **Yes**
 Speed **10**

Transmission Gear Ratios

1st **4.696**
 3rd **2.146**
 5th **1.52**
 7th **1**
 9th **0.689**
 Reverse Gear ratios **4.866**

2nd **2.985**
 4th **1.769**
 6th **1.275**
 8th **0.854**
 10th **0.636**

Transmission Extras

Driver selectable mode **Yes**
 Oil cooler **Regular duty**

Sequential shift control **SelectShift**

Drive Type

4wd type **Part and full-time**Type **Four-wheel**

Drive Feature

* Limited slip differential **Electro-mechanical**
 Locking hub control **Auto**

Traction control **ABS and driveline**
 Transfer case shift **Electronic**

Drive Axle

* Ratio **3.73**

Exhaust

Material **Stainless steel**
 Tailpipe finisher **Chrome**

System type **Single**

Emissions

CARB **LEV3-ULEV70**EPA **Tier 3 Bin 70**

Fuel Economy

City **16 mpg**
 Fuel type **Gasoline**

Highway **21 mpg**
 Combined **18 mpg**

Green Values

Energy Impact Score (Barrels per year) **18.3**Carbon FP / Tailpipe and upstream total GHG (CO₂, tons per year) **9.9**

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Price Level: 40

Selected Equip & Specs (cont'd)

Driveability

Brakes

ABS 4-wheel
Type 4-wheel disc

ABS channels 4
Vented discs Front and rear

Brake Assistance

Brake assist Yes
Hill hold control Yes

Hill descent control Yes

Suspension Control

Ride Regular

Electronic stability control Stability control with anti-roll

Front Suspension

Independence Independent
Anti-roll bar Regular

Type Double wishbone

Front Spring

Type Coil

Grade Regular

Front Shocks

Type Gas-pressurized

Rear Suspension

Independence Independent
Anti-roll bar Regular

Type Multi-link

Rear Spring

Type Coil

Grade Regular

Rear Shocks

Type Gas-pressurized

Steering

Speed-sensing Yes
Type Rack-pinion

Activation Electric power-assist

Steering Specs

of wheels 2

Exterior

Front Wheels

Diameter 18"

Width 8.50"

Rear Wheels

Diameter 18"

Width 8.50"

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Thornhill Ford | U.S. Route 119 North Chapmanville West Virginia | 25508

2020 Expedition Max 4dr 4x4 XLT (K1J)

Price Level: 40

Selected Equip & Specs (cont'd)

Spare Wheels

Wheel material Steel

Front and Rear Wheels

Appearance Machined w/painted accents

Material Aluminum

Front Tires

Aspect 65

Diameter 18"

Sidewalls OWL

Speed T

Tread AT

Type P

Width 275mm

Rear Tires

Aspect 65

Diameter 18"

Sidewalls OWL

Speed T

Tread AT

Type P

Width 275mm

Spare Tire

Mount Underbody w/crankdown

Type Full-size

Wheels

Front track 67.6"

Rear track 67.2"

Turning radius 21.7'

Wheelbase 131.6"

Body Features

* Front license plate bracket Yes

Running boards Yes

Body material Galvanized steel/aluminum

Side impact beams Yes

Active grille shutters Yes

Front tow hook(s) 2

Body Doors

Door count 4

Left rear passenger Conventional

Right rear passenger Conventional

* Rear cargo Power liftgate

Exterior Dimensions

Length 221.9"

Body width 79.9"

Body height 76.2"

Rear door opening height 32.7"

Rear door opening width 51.4"

Safety

Airbags

Driver front-impact Yes

Driver side-impact Seat mounted

Occupancy sensor Yes

Overhead Safety Canopy System curtain 1st, 2nd and 3rd row

Passenger front-impact Yes

Passenger side-impact Seat mounted

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Price Level: 40

Selected Equip & Specs (cont'd)

Seatbelt

Rear centre 3 point	Yes	Height adjustable	Front
Pre-tensioners	Front	Pre-tensioners (#)	2

Security

Immobilizer	SecuriLock	Panic alarm	Yes
Restricted driving mode	MyKey		

Seating

Passenger Capacity

Capacity	8
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Front Seats

Split	Buckets	* Heated-cushion	Driver and passenger
Type	Bucket	* Heated-seatback	Driver and passenger
* Ventilated	Driver and passenger		

Driver Seat

Fore/aft	Power	Height adjustable	Power
* Reclining	Power	Way direction control	8
Lumbar support	Power 2-way	Cushion tilt	Power

Passenger seat

* Fore/aft	Power	* Reclining	Power
* Way direction control	8	* Height adjustable	Power
* Lumbar support	Power 2-way	* Cushion tilt	Power

Front Head Restraint

Control	Manual	Type	Adjustable
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Front Armrest

Centre	Yes
--------------	-----

Rear Seats

Descriptor	Split-bench	Facing	Front
Folding	40-20-40	Folding position	Fold forward seatback
Type	Fixed	Reclining	Manual
Fore/aft	Manual		

Rear Head Restraints

Type	Fixed	Number	2
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3rd Row Seats

Type	Fixed	Folding	60-40
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2020 Expedition Max 4dr 4x4 XLT (K1J)

Price Level: 40

Selected Equip & Specs (cont'd)

Reclining Facing	Power Front	Descriptor	Split-bench
		Fold into floor	Power
<i>3rd Row Head Restraint</i>			
* Type	Adjustable	* Control	Power
Number	3		
<i>Front Seat Trim</i>			
* Material	ActiveX leatherette	* Back material	Leatherette
<i>Rear Seat Trim Group</i>			
* Material	ActiveX leatherette	Back material	Carpet
<i>3rd Row Seat Trim</i>			
* Material	Vinyl	Back material	Carpet
<i>Memory Settings</i>			
* Seats	Driver	* Memory setting(s)	2
* Includes door mirror(s)	Yes	* Includes steering wheel	Yes

Convenience

AC And Heat Type

Air conditioning	Automatic	Dual zone front	Yes
Rear HVAC	With separate controls	Air filter	Yes
Underseat ducts	Yes	Auxiliary rear heater	Yes
Headliner/pillar ducts	Yes		

Audio System

Auxiliary audio input	Yes	Radio	SiriusXM AM/FM/Satellite
Radio data system	Yes	Radio grade	Regular
Seek-scan	Yes	External memory control	SYNC 3

Audio Speakers

Speaker type	Regular	Speakers	6
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Audio Controls

Speed sensitive volume	Yes	Steering wheel controls	Yes
Voice activation	Yes	Streaming audio	Bluetooth yes

Audio Antenna

Type	Window grid
------	-------------

LCD Monitors

1st row	2	Primary monitor size (inches)	8
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Cruise Control

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2020 Expedition Max 4dr 4x4 XLT (K1J)

Price Level: 40

Selected Equip & Specs (cont'd)

Cruise control With steering wheel controls

Remote Releases

* Cargo access Proximity

Rear window Keyfob

Convenience Features

* Trunk/hatch auto-latch Yes

Retained accessory power Yes

Garage door transmitter Yes

12V DC power outlet 4

Emergency SOS SYNC 3 911 Assist

Wireless phone connectivity Bluetooth

* AC power outlet 1

Smart device integration Mirroring

* Inductive device charging Front

Door Lock Activation

Type Power with 2 stage unlock

Remote Keyfob (all doors)

Keypad Yes

Integrated key/remote Yes

Auto locking Yes

* Proximity key Intelligent Access doors and push button start

Door Lock Type

Rear child safety Manual

Tailgate/rear door lock Included with power door locks

Door Locks Extra FOB Controls

* Cargo access Yes

* Remote engine start Keyfob

Instrumentation Type

* Display Digital/analog

Instrumentation Gauges

Tachometer Yes

Oil pressure Yes

Engine temperature Yes

Voltmeter Yes

Instrumentation Warnings

Oil pressure Yes

Engine temperature Yes

Battery Yes

Lights on Yes

Key Yes

Low fuel Yes

Low washer fluid Yes

Door ajar Yes

Rear cargo ajar Yes

Service interval Yes

Brake fluid Yes

Low tire pressure Tire specific

Instrumentation Displays

Clock In-radio display

Compass Yes

Exterior temp Yes

Systems monitor Yes

Camera(s) - rear With washer

Instrumentation Feature

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Price Level: 40

Selected Equip & Specs (cont'd)

Trip computer Yes
Parking sensors Rear
Blind spot Warning
Rear collision Warning

Trip odometer Yes
Lane departure Active
Forward collision Mitigation
Pedestrian detection Prevention

Steering Wheel Type

Material Leather
* Telescoping Power

* Tilting Power
* Heated Yes

Front Side Windows

Window 1st row activation Power

Windows Rear Side

2nd row activation Power

3rd row activation Fixed

Window Features

1-touch down Driver and passenger
Tinted Deep

1-touch up Driver and passenger

Front Windshield

Wiper Variable intermittent
Speed sensitive wipers Yes

Heating Wiper park

Rear Windshield

Wiper Fixed interval
Defroster Yes

Heating Wiper park
Window Flip-up

Interior

Driver Visor

Illuminated Yes
Mirror Yes

Expandable coverage Yes

Passenger Visor

Illuminated Yes
Mirror Yes

Expandable coverage Yes

Rear View Mirror

Day-night Yes

Auto-dimming Yes

Trim Door

Trim insert Vinyl

Headliner

Coverage Full

Material Cloth

Floor Trim

Coverage Full

Covering Carpet

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2020 Expedition Max 4dr 4x4 XLT (K1J)

Price Level: 40

Selected Equip & Specs (cont'd)

* Mats Vinyl/rubber front and rear

Trim Feature

Gear shifter material Metal-look

Interior accents Metal-look

Lighting

Dome light type Fade

Front reading Yes

Illuminated entry Yes

Rear reading Yes

Variable IP lighting Yes

Floor Console Storage

Storage Covered

Type Full

Overhead Console Storage

Storage Yes

Type Full

Conversation mirror Yes

Storage

Driver door bin Yes

Front Beverage holder(s) Yes

Glove box Yes

Passenger door bin Yes

Rear yes Yes

Dashboard Yes

Rear door bins Yes

Cargo Space Trim

Floor Carpet

Trunk lid/rear cargo door Plastic

* Mat Carpet and rubber

Cargo Space Feature

Net Yes

Light Yes

Legroom

Front 43.9"

Rear 42.6"

Third 40.9"

Headroom

Front 42.0"

Rear 40.0"

Third 37.3"

Hip Room

Front 62.2"

Rear 62.6"

Third 51.4"

Shoulder Room

Front 64.9"

Rear 64.8"

Third 64.3"

Interior Volume

Passenger volume 172.0 cu.ft.

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Price Level: 40

Warranty

Standard Warranty

Basic

Distance	36,000 miles	Months	36 months
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Powertrain

Distance	60,000 miles	Months	60 months
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Corrosion Perforation

Distance	Unlimited miles	Months	60 months
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Roadside Assistance

Distance	60,000 miles	Months	60 months
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