



The following documentation is an electronically-submitted vendor response to an advertised solicitation from the *West Virginia Purchasing Bulletin* within the Vendor Self-Service portal at wvOASIS.gov. As part of the State of West Virginia's procurement process, and to maintain the transparency of the bid-opening process, this documentation submitted online is publicly posted by the West Virginia Purchasing Division at WVPurchasing.gov with any other vendor responses to this solicitation submitted to the Purchasing Division in hard copy format.

Header 4

List View

General Information | Contact | Default Values | Discount | Document Information | Clarification Request

Procurement Folder: 1088116

Procurement Type: Central Master Agreement

Vendor ID: 000000176437

Legal Name: TRANSPORTATION EQUIPMENT SALES CORP

Alias/DBA:

Total Bid: \$0.00

Response Date: 10/17/2022

Response Time: 16:48

Responded By User ID: TESCO

First Name: Jeffrey

Last Name: Pappas

Email: jpappas@tescobus.com

Phone: 800-227-3572

SO Doc Code: CRFQ

SO Dept: 0810

SO Doc ID: DMT2300000006

Published Date: 9/29/22

Close Date: 10/18/22

Close Time: 13:30

Status: Closed

Solicitation Description: Low Floor Wheelchair Accessible Cutaway Bus

Total of Header Attachments: 4

Total of All Attachments: 4



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

**State of West Virginia
 Solicitation Response**

Proc Folder: 1088116
Solicitation Description: Low Floor Wheelchair Accessible Cutaway Bus
Proc Type: Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2022-10-18 13:30	SR 0810 ESR09212200000001498	1

VENDOR
 000000176437
 TRANSPORTATION EQUIPMENT SALES CORP

Solicitation Number: CRFQ 0810 DMT2300000006
Total Bid: 0
Response Date: 2022-10-17
Response Time: 16:48:35
Comments:

FOR INFORMATION CONTACT THE BUYER
 David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X **FEIN#** **DATE**

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

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Ln Total Or Contract Amount
1	Low Floor Wheelchair Accessible Cutaway Bus	0.00000	EA	1.000000	0.00

Comm Code	Manufacturer	Specification	Model #
25101502			

Commodity Line Comments: Delivery timeframe assumes adequate supply of chassis

Extended Description:

Low Floor Wheelchair Accessible Cutaway Bus



Proven Quality.
Trusted Name.

Transportation Equipment Sales Corporation

October 17, 2022

David H Pauline
Department of Administration
Purchasing Division
2019 Washington St., East
Charleston, WV 25305

**RE: CRFQ 0810 DMT2300000006
Low Floor Wheelchair Accessible Cutaway Bus**

Dear Mr. Pauline:

Thank you for the invitation to submit a bid for low floor transit vehicles. We are pleased to offer a RAM Promaster 3500 chassis with a New England Wheels Frontrunner body to meet or exceed your requested specifications.

Regarding the delivery time requested, while all attempts will be made to meet the requested delivery time, due to manufacturing inconsistencies surrounding supply chain shortages we cannot guarantee we will meet this timeframe.

As of the time of this bid submittal, New England Wheels is changing the electric ramp supplier. Therefore, pricing is not available for the electric ramp.

Regarding the vehicle paint, due to the construction of the Front Runner body, the all-aluminum H-channels at the top of the sides of the bus are not painted.

We appreciate the opportunity to work with you on this contract. Please contact me at 1-800-227-3572 if you have any questions regarding this proposal.

Sincerely,

Jeffrey P. Pappas
Executive Vice President



Proven Quality.
Trusted Name.

Transportation Equipment Sales Corporation

REQUEST FOR QUOTATION - CRFQ DMT23*06

LOW FLOOR WHEELCHAIR ACCESSIBLE CUTAWAY BUS

EXHIBIT A PRICING PAGE

CLASS	VEHICLE DESCRIPTION	UNIT PRICE	ESTIMATED QUANTITY	EXTENDED PRICE
A	Vehicle, Non-Accessible, Painted White	\$183,760.00	5	\$918,800.00
B	Vehicle, 12 Fixed Seats, One WC Position, Two Flip Up Seats in WC Position, 5310 Logo and Stripes with Agency Name and Phone Number	\$185,040.00	5	\$925,200.00
C	Vehicle, 12 Fixed Seats, One WC Position, Two Flip Up Seats in WC Position, Fixed Route Package, Exterior Paint Scheme	\$200,471.00	5	\$1,002,355.00
D	Vehicle, Ten Fixed Seats, Two WC Positions, Four Flip Up Seats in WC Position, 5310 Logo and Stripes with Agency Name and Phone Number	\$186,662.00	5	\$933,310.00
E	Vehicle, Ten Fixed Seats, Two WC Positions, Four Flip Up Seats in WC Positions, Fixed Route Package, Exterior Paint Scheme	\$202,093.00	5	\$1,010,465.00
F	Vehicle, Eight Fixed Seats, Three Wheelchair Positions, Six Flip Up Seats in WC Positions, 5310 Logo and Stripes with Agency Name and Phone Number	\$188,133.00	5	\$940,665.00
G	Vehicle, Eight Fixed Seats, Three Wheelchair Positions, Six Flip Up Seats in WC Positions, Fixed Route Package, Exterior Paint Scheme	\$203,564.00	5	\$1,017,820.00
AA	Optional On-B Oard Automatic Audio / Visual LED Display Voice Announcement System (Section 3.32.4.6 in Specifications)	\$5,267.00	5	\$26,335.00
BB	Option to Upgrade Manual Lift to Electric Ramp (Section 3.28.3 in Specifications)	not available	5	#VALUE!

TOTAL BID EVALUATION	#VALUE!
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***Complete form provided in it's entirety**
***Please not these are only estimated quantiles and do not reflect any guarantee of purchase.**
***The DPT may purchase more or less as needed**
***Please do not alter pricing page**



WV DOT

DMT23_06 Solicitation Documents



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

Proc Folder: 1088116			Reason for Modification:
Doc Description: Low Floor Wheelchair Accessible Cutaway Bus			
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2022-09-20	2022-10-04 13:30	CRFQ 0810 DMT2300000006	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name : Transportation Equipment Sales Corporation

Address : PO Box 167230

Street :

City : Oregon

State : OH **Country :** USA **Zip :** 43616-7230

Principal Contact : Jeff Pappas

Vendor Contact Phone: 419-836-2835 **Extension:**

FOR INFORMATION CONTACT THE BUYER

David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X

FEIN# 34-1029900

DATE 10/17/22

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

ADDITIONAL INFORMATION

The State of West Virginia Purchasing Division, is soliciting bids for the West Virginia Public Transit Division, to establish an open-end contract for Low Floor Wheelchair Accessible Cutaway Bus, per the attached documentation.

Federal Terms and Conditions Apply

INVOICE TO		SHIP TO	
PUBLIC TRANSIT DIVISION OF BLDG 5 RM 663 1900 KANAWHA BLVD E CHARLESTON WV US		PUBLIC TRANSIT DIVISION OF KANAWHA VALLEY REGIONAL TRANSPORTATION AUTHORITY 1550 FOURTH AVE CHARLESTON WV US	

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Low Floor Wheelchair Accessible Cutaway Bus	0.00000	EA	Please refer to pricing matrix	

Comm Code	Manufacturer	Specification	Model #
25101502	Please refer to pricing matrix		

Extended Description:

Low Floor Wheelchair Accessible Cutaway Bus

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Vendor Technical Questions Due 11:00 am est.	2022-09-26

	Document Phase	Document Description	Page
DMT230000006	Draft	Low Floor Wheelchair Accessible Cutaway Bus	3

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 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 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 emails should have the solicitation number in the subject line.

Question Submission Deadline: September 26, 2022, at 11:00 am est.

Submit Questions to: David H. Pauline, Senior Buyer
2019 Washington Street, East
Charleston, WV 25305
Fax: (304) 558-3970
Email: David.H.Pauline@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 on or before the date and time of the bid opening listed in section 7 below. Vendors can submit bids electronically through wvOASIS, in paper form delivered to the Purchasing Division at the address listed below either in person or by courier, or in facsimile form by faxing to the Purchasing Division at the number listed below. Notwithstanding the foregoing, 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. The Purchasing Division will not accept bids, modification of bids, or addendum acknowledgment forms via email. Bids submitted in paper or facsimile form must contain a signature. Bids submitted in wvOASIS are deemed to be electronically signed.

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.

For Request for Proposal ("RFP") Responses Only: Submission of a response to a Request for Proposal is not permitted in wvOASIS. In the event that Vendor is responding to a request for proposal, the Vendor shall submit one original technical and one original cost proposal prior to the bid opening date and time identified in Section 7 below, plus N/A convenience copies of each to the Purchasing Division at the address shown below. Additionally, the Vendor should clearly identify and segregate the cost proposal from the technical proposal in a separately sealed envelope.

Bid Delivery Address and Fax Number:

Department of Administration, Purchasing Division
2019 Washington Street East
Charleston, WV 25305-0130
Fax: 304-558-3970

A bid submitted in paper or facsimile form should contain the information listed below on the face of the submission envelope or fax cover sheet. Otherwise, the bid may be rejected by the Purchasing Division.

VENDOR NAME:

BUYER:

SOLICITATION NO.:

BID OPENING DATE:

BID OPENING TIME:

FAX NUMBER:

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 4, 2022, at 1:30 pm est.

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: 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: 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 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. 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.

23. EMAIL NOTIFICATION OF AWARD: The Purchasing Division will attempt to provide bidders with e-mail notification of contract award when a solicitation that the bidder participated in has been awarded. For notification purposes, bidders must provide the Purchasing Division with a valid email address in the bid response. Bidders may also monitor *wvOASIS* or the Purchasing Division’s website to determine when a contract has been awarded.

24. ISRAEL BOYCOTT CERTIFICATION: Vendor’s act of submitting a bid in response to this solicitation shall be deemed a certification from bidder to the State that bidder is not currently engaged in, and will not for the duration of the contract, engage in a boycott of Israel. This certification is required by W. Va. Code § 5A-3-63.

GENERAL TERMS AND CONDITIONS:

1. CONTRACTUAL AGREEMENT: Issuance of an Award Document signed by the Purchasing Division Director, or his designee, and approved as to form by the Attorney General's office constitutes acceptance by the State of this Contract made by and between the State of West Virginia and the Vendor. Vendor's signature on its bid, or on the Contract if the Contract is not the result of a bid solicitation, 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: The Initial Contract Term will be for a period of One year
Upon approval. The Initial Contract Term becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and the Initial Contract Term ends on the effective end date also shown on the first page of this Contract.

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 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:

the contract will continue for _____ years;

the 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).

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.

Construction/Project Oversight: This Contract becomes effective on the effective start date listed on the first page of this Contract, identified as the State of West Virginia contract cover page containing the signatures of the Purchasing Division, Attorney General, and Encumbrance clerk (or another page identified as _____), and continues until the project for which the vendor is providing oversight is complete.

Other: Contract Term specified in _____

4. AUTHORITY TO PROCEED: Vendor is authorized to begin performance of this contract on the date of encumbrance listed on the front page of the Award Document unless either the box for "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked in Section 3 above. If either "Fixed Period Contract" or "Fixed Period Contract with Renewals" has been checked, Vendor must not begin work until it receives a separate notice to proceed from the State. The notice to proceed will then be incorporated into the Contract via change order to memorialize the official date that work commenced.

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/Award Document 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.

Construction: This Contract is for construction activity more fully defined in the specifications.

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 of breach of this Contract and shall not entitle the Vendor to any form of compensation or damages. This provision does not excuse the State from fulfilling its obligations under a One-Time Purchase contract.

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

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.

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 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 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: \$1,000,000.00 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.

*****Public Transit Division
1550 4th Ave
Charleston, WV 25324

9. WORKERS' COMPENSATION INSURANCE: 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. VENUE: All legal actions for damages brought by Vendor against the State shall be brought in the West Virginia Claims Commission. Other causes of action must be brought in the West Virginia court authorized by statute to exercise jurisdiction over it.

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:

_____ for _____.

Liquidated Damages Contained in the Specifications.

Liquidated Damages Are Not Included in this Contract.

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: Payments for goods/services will be made in arrears only upon receipt of a proper invoice, detailing the goods/services provided or receipt of the goods/services, whichever is later. Notwithstanding the foregoing, payments for software maintenance, licenses, or subscriptions may be paid annually in advance.

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, included in the Contract, 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. If that occurs, the State may notify the Vendor that an alternative source of funding has been obtained and thereby avoid the automatic termination. Non-appropriation or non-funding shall not be considered an event of default.

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 regarding 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.

Revised 09/12/2022

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 NON-CONFLICT: Neither Vendor nor its representatives are permitted to have any interest, nor shall they 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.

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. NO DEBT CERTIFICATION: 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. By submitting a bid, or entering into a contract with the State, Vendor is affirming 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, neither the Vendor nor any related party owe a debt as defined above, and neither the Vendor nor any related party are in employer default as defined in the statute cited above unless the debt or employer default is permitted under the statute.

38. 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.

39. 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.division@wv.gov.

40. BACKGROUND CHECK: In accordance with W. Va. Code § 15-2D-3, the State reserves the right to prohibit a service provider's employees from accessing sensitive or critical information or to be present at the Capitol complex based upon results addressed from a criminal background check. Service providers should contact the West Virginia Division of Protective Services by phone at (304) 558-9911 for more information.

41. PREFERENCE FOR USE OF DOMESTIC STEEL PRODUCTS: Except when authorized by the Director of the Purchasing Division pursuant to W. Va. Code § 5A-3-56, no contractor may use or supply steel products for a State Contract Project other than those steel products made in the United States. A contractor who uses steel products in violation of this section may be subject to civil penalties pursuant to W. Va. Code § 5A-3-56. As used in this section:

- a. “State Contract Project” means any erection or construction of, or any addition to, alteration of or other improvement to any building or structure, including, but not limited to, roads or highways, or the installation of any heating or cooling or ventilating plants or other equipment, or the supply of and materials for such projects, pursuant to a contract with the State of West Virginia for which bids were solicited on or after June 6, 2001.
- b. “Steel Products” means products rolled, formed, shaped, drawn, extruded, forged, cast, fabricated or otherwise similarly processed, or processed by a combination of two or more or such operations, from steel made by the open heath, basic oxygen, electric furnace, Bessemer or other steel making process.
- c. The Purchasing Division Director may, in writing, authorize the use of foreign steel products if:
 1. 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
 2. 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.

42. 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.

43. 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 disclosure of interested parties prior to beginning work under this Contract. Additionally, the Vendor must submit a supplemental disclosure of interested parties reflecting any new or differing interested parties to the contract, which were not included in the original pre-work 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.

44. 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.

45. VOID CONTRACT CLAUSES: This Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law.

46. ISRAEL BOYCOTT: Bidder understands and agrees that, pursuant to W. Va. Code § 5A-3-63, it is prohibited from engaging in a boycott of Israel during the term of this contract.

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.

(Printed Name and Title) Blair Taseff, Regional Account Manager

(Address) PO Box 167230, Oregon OH 43616-7230

(Phone Number) / (Fax Number) 440-653-0193

(email address) btaseff@tescobus.com

CERTIFICATION AND SIGNATURE: By signing below, or submitting documentation through wvOASIS, I certify that: I have reviewed this Solicitation/Contract 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/Contract 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 this bid or offer was made without prior understanding, agreement, or connection with any entity submitting a bid or offer for the same material, supplies, equipment or services; that this bid or offer is in all respects fair and without collusion or fraud; 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; 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.

By signing below, I further certify that I understand this Contract is subject to the provisions of West Virginia Code § 5A-3-62, which automatically voids certain contract clauses that violate State law; and that pursuant to W. Va. Code 5A-3-63, the entity entering into this contract is prohibited from engaging in a boycott against Israel.

Transportation Equipment Sales Corporation

(Company) _____

(Signature of Authorized Representative) _____

Jeff Pappas, Vice-President, 10/17/22

(Printed Name and Title of Authorized Representative) (Date) _____

419-836-2835 419-836-8460

(Phone Number) (Fax Number) _____

jpappas@tescobus.com

(Email Address) _____

SPECIFICATIONS

1. **PURPOSE AND SCOPE:** The West Virginia Purchasing Division is soliciting bids on behalf of the Division of Public Transit and any other agency that desires to utilize this contract to establish an open-ended contract for Low Floor Wheelchair accessible Cutaway Bus(es) with air conditioning and wheelchair securements and lift to provide specialized transportation services in an urban and suburban-rural environment, including hilly terrain and a severe operating climate suited to stop-start duty cycles.

Vehicles supplied shall conform in all respects to the applicable Motor Vehicle Laws of the State of West Virginia, Federal Motor Vehicle Safety Standards, Environmental Protection Agency, Federal and State Regulations in effect at the time of manufacture and all must be in compliance with Americans with Disabilities Act (ADA) regulations at the time production of the vehicle commences.

The Vendor is to deliver a complete new 2022 or current year vehicle in one of proposed floor plans as defined in these specifications with different configurations identified as Class on the Exhibit A Pricing Pages, ready for operation. **All required Federal Transit Administration’s certification forms must be included in the bid proposal.**

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 “ADA” means Americans with Disabilities Act of 1990 including applicable federal regulations issued pursuant to the Act in effect at the time production of the vehicle commences.
- 2.2 “ASTM” means American Society for Testing and Materials.
- 2.3 “Contract Item” or “Contract Items” means the list of items identified in Section 3.1 below and on the Pricing Pages.
- 2.4 “Curb Weight” means Weight of the vehicle including maximum fuel, oil, and coolant and all equipment required for the operation as required by this specification without passengers or driver.
- 2.5 “DBA” means the decibel scale A weight to measure upper middle frequencies over time that can impact hearing loss.
- 2.6 “Division” means the West Virginia Division of Public Transit, DPT.
- 2.7 “DMV” means Division of Motor Vehicles State of West Virginia.
- 2.8 “EPA” means Environmental Protection Agency.

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

- 2.9 “**Fire Resistant**” means Materials that have a flame-spread index less than 150 as measured in a radiant panel flame test per ASTM 162-75.
- 2.10 “**Fireproof**” means materials that will not burn or melt at temperatures less than 2,000 degrees Fahrenheit.
- 2.11 “**FMVSS**” means Federal Motor Vehicle Safety Standards.
- 2.12 “**FTA**” means Federal Transit Administration.
- 2.13 “**GAWR FR**” is the maximum distributed weight that may be supported by the front axle.
- 2.14 “**GAWR RR**” is the maximum distributed weight that may be supported by the rear axle.
- 2.15 “**Gross Load**” means one hundred and seventy-five (175) pounds for every design passenger seating position and for the driver and three hundred (300) pounds for every wheelchair station. Vehicles will be operated without standees.
- 2.16 “**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.
- 2.17 “**HP**” means the power of an engine measured in terms of a unit of power equal to 550-foot pounds per second.
- 2.18 “**Manufacturer/Brand**” means the name of the maker of the contract item which will be supplied by the vendor.
- 2.19 “**Model & Number**” means the model’s name and model number associated with the contract item as defined by the manufacturer.
- 2.20 “**OEM**” means Original Equipment Manufacturer.
- 2.21 “**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.
- 2.22 “**Pricing Page**” means the pages, contained in wvOASIS, or attached as Exhibit A, upon which Vendor should list its proposed price for the Contract Items.
- 2.23 “**QVM**” means Qualified Vehicle Manufacturer.
- 2.24 “**RPM**” means Revolutions per minute.
- 2.25 “**SAE**” means Society of Automotive Engineers.

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

- 2.26 “**Solicitation**” means the official notice of an opportunity to supply the State with goods or services that is published by the Purchasing Division.
- 2.27 “**Vendor Name**” means the company name of the vendor who will be supplying the contract item(s) to the Division.
- 2.28 “**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 warranty can be nullified if the user does not follow certain stipulations of the manufacturer, such as preventive maintenance.
- 2.29 “**Wheelbase**” means the distance from the centerline of the front axle to the centerline of the rear axle.
- 2.30 “**NTSA**” means National Highway Traffic Safety Administration.
- 2.31 “**DOT**” means Department of Transportation.
- 2.32 “**LED**” means Light-Emitting Diode.
- 2.33 “**FRP**” means Fiberglass Reinforced Plastic

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 In all cases, materials shall be furnished as specified Where brand names or specific items or processes are used in the specification, consider the term or equal to follow.
- 3.1.1.1 **Legal Requirements.** The vehicle shall meet all applicable FMVSS, DMV and ADA, federal and state regulations in effect at the date of manufacture. Vendor shall supply certification that vehicle meets all FMVSS Regulations, and that vehicle complies with all relevant federal and State of West Virginia Standards at the time of delivery.
- 3.1.1.2 **Components, Materials, Workmanship and Completeness.** These specifications reflect the Division of Public Transit’s preference as to dimensions, materials, and major components. However, the vendor shall not omit any part of detail which goes to make the vehicle

complete and ready for service, even though such part or detail is not mentioned in these specifications.

- 3.1.1.3** All units or parts shall be manufacturer's best quality and shall conform in material, design and workmanship to the best practice known in the automotive industry. All parts shall be new and in no case will used, reconditioned, or obsolete parts be accepted. The parts on all vehicles provided by the same manufacturer shall be interchangeable.
- 3.1.1.4** The price quoted in any proposal submitted shall include all items of labor, material, tools, equipment, and other costs necessary to fully complete the manufacture and delivery of the vehicle pursuant to these specifications.
- 3.1.1.5** It is the intent of these specifications to provide and require a complete vehicle of the type prescribed ready for operation. The vendor shall assume sole responsibility for the entire vehicle as to warranty and after-sale parts and service.
- 3.1.1.6** Warranty to become effective on the first day, after the date of final acceptance, of each vehicle by the Division of Public Transit.
- 3.1.1.7 Exhaust Emission Control Requirements.** The vehicle shall comply with all federal and state requirements applicable to the year of manufacture.

Regulations for Emission from Vehicles and Engines

- 3.1.1.8 Noise Control.** The exterior noise from the vehicle shall not exceed eighty-six (86) dba using the procedures set forth in the SAE Standard SAE J366. Vendor shall supply report showing testing results of noise control. The interior noise at a location (2) feet from the rear window and four (4) feet from the floor shall not exceed eighty-six (86) dba with the vehicle standing with the transmission in neutral and the engine operating at a maximum rated RPM.
- 3.1.1.9 Inspection Facilities.** The manufacturer shall provide on its premises a suitable hoist for a complete inspection of the underside of the vehicle. **A pit is not acceptable.**

This includes, but not limited to, wiring and hosing runs, structural integrity, through floor securements, OEM defects and completeness, and coverage of the undercoating.

- 3.1.1.10** Body shall be thoroughly water tested and made tight to prevent leakage. All vehicles purchased under this contract shall, during the course of the manufacture and prior to acceptance, shall be subjected to a water test to determine body leaks. This test shall consist of a series of nozzles, which are strategically located around the perimeter of the vehicle as to spray water over the entire surface of the vehicle. The nozzles shall eject a volume of water no less than twenty-two (22) pounds per square inch measured at the nozzle tip. Body shall be thoroughly water teste and made tight to prevent leakage. The bidder shall provide the procuring agency with details of its water testing procedures with the bid.

THE PRICING AND TERMS AND CONDITIONS OF THE BID MAY BE EXTENDED TO WEST VIRGINIA TRANSIT AUTHORITES AND PRIVATE NON-PROFIT ORGANIZATIONS. IF VENDOR DOES NOT AGREE, VENDOR MUST CLEARLY INDICATE A REFUSAL IN HIS/HER BID.

3.2 CHASSIS

- 3.2.1** Chassis shall be current Model year RAM Promaster 3500 Chassis or equal. A flat, step-in floor having a minimum height of 84” and a minimum width of 85”.
Equal meeting the following specifications.

3.3 ENGINE / EXHAUST SYSTEM

- 3.3.1** Engine shall be a minimum of 3.5 L, V6 gasoline engine or equal. Equal having a minimum of the following:
270 HP @ 6400 RPM and 260 lb. ft. torque at 4400 RPM.

Vendor shall submit product description, warranty information, and product literature with bid.

The engine shall be installed as to produce a minimum of vibration. A firewall of sandwich construction shall separate the engine and passenger compartments, providing both thermal and acoustic insulation and sealing against intrusion of exhaust

fumes into the vehicle. Non-combustible insulation shall be used.

- 3.3.2** The Exhaust System shall be stainless steel type and conform with all Federal and State requirements applicable to the year of manufacture.

[Regulations for Emissions from Vehicles and Engines](#)

3.4 COOLING SYSTEM

- 3.4.1** The cooling system shall have sufficient capacity to provide satisfactory cooling at 115 degrees Fahrenheit at sea level, and shall be equipped with an overflow tank such that coolant expelled is saved and restored to the cooling system. The cooling system shall be the OEM chassis supplier's heaviest duty system. It is required that the vendor submit product description, warranty information and product literature with bid.

Radiator surge or overflow tank shall be provided. Vehicle shall be equipped with radiator and fan of the maximum capacity available.

3.5. FUEL SYSTEM

- 3.5.1** Fuel tank shall be OEM with a 25-gallon capacity, minimum. Tank, fuel lines and hardware must meet all current FMVSS, including FMVSS 301, as well as all current CARB and EPA requirements and must be OEM equivalent in connection types, etc. The use of worm clamps is limited to that of the OEM. Tank shall be calibrated with the OEM dash fuel gauge.

[FMVSS 301](#)

[California Air Resource Board \(CARB\)](#)

3.6 TRANSMISSION

- 3.6.1** Vehicle shall be front wheel drive with OEM fully automatic transmission with a minimum of six (6) forward speeds and one (1) reverse. **Vendor should submit product description, warranty information, and product literature with bid, but must submit this information within 48 hours of request.**
- 3.6.2** Transmission shift lever shall be interlocked with starting motor to prevent engagement of starter in any gear possible other than neutral or park.
- 3.6.3** Backup buzzer: A backup buzzer shall be provided that is audible outside

the vehicle when transmission is in reverse.

- 3.6.4** A back up camera system shall be installed on each vehicle so that the area around the back of the bus is clearly displayed on a monitor that is mounted in an easily visible area for the driver. **Vendor should submit product description, warranty information, and product literature with bid, but must submit this information within 48 hours of request.**

3.7 SUSPENSION

- 3.7.1** Front Axle shall be heavy duty type providing a minimum design load rating of 4,000 lbs. OEM front spring suspension shall be provided with front axle ratio of 3.86.
- 3.7.2** Rear axle shall be rigid with air suspension
- 3.7.3** Rear air suspension shall incorporate an automated air management system with electronic height sensor (EHS)
EHS mage/bracket shall be mounted to the axle or leaf spring. When load is added to the vehicle, the magnet will rise above the EHS centerline and after 15-20 seconds will add air to the air bags to maintain the programmed height.
- 3.7.4** Rear air suspension shall incorporate a kneeling feature to accomplish a maximum first step entry height of 10.75” when kneeled.
- 3.7.5** Four corner electronically controlled air suspension (ECAS) with front air bags and maximum step entry height of 9.75” when kneeled

3.8 STEERING

- 3.8.1** Steering to be hydraulic power-assist rack and pinion type.
- 3.8.2** With the vehicle stationary at GVW on dry, level pavement and the engine idling, steering effort shall be as low as possible at the steering wheel. This effort shall remain approximately constant from just off straight ahead to approaching full lock.
- 3.8.3** The steering geometry shall allow the turning radius maximum characteristics to be achieved in both directions.

3.8.4 A tilt-wheel or adjustable steering column, with cruise control is required.

3.9 BRAKES

3.9.1 4 Wheel OEM ABS Brakes

It is required that the vendor supply the description, warranty and literature information of this product with the bid.

3.9.2 OEM Front and Rear Disc Brakes

3.9.3 Parking brake shall be capable of stopping vehicle at a deceleration rate equivalent to a stop within 50 feet from a speed of 20 M.P.H., on dry pavement with a fully seated load. Brakes shall be capable of holding a fully loaded bus on a 20 percent grade.

3.10 WHEELS

3.10.1 The vehicle shall be equipped with four (4) 16” one-piece ventilated steel wheels to be provided, heaviest duty available for GVWR specified, with ABS wheel covers painted silver. Lug nuts to be exposed for ease of maintenance.

3.10.2 Wheels and tires are to be interchangeable front and rear.

3.11 TIRES

3.11.1 Tires – (4) BSW, truck-type tubeless steel belted all season highway Radials load range E to be provided.

3.11.2 All tires shall be electronically spin-balanced to a minimum speed of 55 MPH.

It is required that the vendor supply the description, warranty and literature information of this product with the bid.

3.12 ELECTRICAL SYSTEM

- 3.12.1** The vehicle shall be supplied with an alternator-powered 12 volt electrical system with Intermotive Multiplex System connected to Promaster's on-board diagnostics.
- 3.12.2** Vehicle to be equipped with minimum of a OEM 220 AMP alternator. A single 95 AMP
- 3.12.3** All accessories and electrical equipment, with the exception of the headlights, taillights, parking lights, emergency flasher and interior lights shall be wired through the vehicle ignition switch so as to be operative only with the switch in the ON or Accessory position.
- 3.12.4** Original manufacturer's vehicle wiring shall remain unchanged to the greatest extent practicable consistent with the requirements of these specifications. A separate electrical panel for all add-on components located in the bulkhead with locking panel shall be provided.
- 3.12.5** Wiring and terminals shall meet or exceed current federal and state vehicle requirements and be amply sized for both mechanical strengths as well as to carry required currents without significant voltage drops.
- 3.12.6** Wiring and harnesses – all general-purpose wiring shall be cross-linked polyolefin insulated, colored, numbered and function coded for positive identification meeting the requirements of SAE recommended practice J1127 and J1128, types GXL and SGX. Wiring shall be installed so as to avoid damage from heat, water, solvents or chafing by proper routing, clamping and the use of grommets or suitable elastomeric cushion materials. Harnesses shall be designed to resist abrasion by the use of Packard Electric flex-guard plastic loom. Harnesses shall be sectional terminating at insulated multi-pin quick disconnects or junction blocks. All wiring harnesses shall be function tested prior to installation.
- 3.12.7** Electrical junction panel – heavy-duty circuit board junction panel to be provided inside the bus, easily accessible from the inside. Board to be equipped with heavy-duty 12-volt DC relays and 12-volt DC circuit breakers and blade type fuses.
- 3.12.8** Grounding of components shall be through polarized, shielded terminals wired to main structural ground points. Grounding through hinged doors or covers of any type is not acceptable. Ground points shall be bolted to main structure free of paint, oil or rust and coated with silicone grease

after fastening.

- 3.12.9** Electrical components which may require servicing or replacement shall be readily accessible through access panels or covers. Installation of aftermarket electrical components and systems in the engine compartment shall be eliminated to the greatest possible extent.
- 3.12.10** A complete “as-built” manual including complete wiring diagrams shall be provided on a thumb drive, accurately referencing colored, numbered and function coded wiring applications. Tech Specs Rev 6-1-21 Page 4 of 8
- 3.12.11** Two heavy-duty electrical, three speed (intermittent, low, and high speeds) windshield wipers and windshield washer shall be provided.
- 3.12.12** All exterior lighting shall conform to all State Regulations and FMVSS 108. Lights to be LED in conforming locations.
- 3.12.13** Where penetration of structural members occurs, grommets or similar devices shall be used to prevent chafing.
- 3.12.14** Schematic for all added electrical equipment that shows where added equipment was electrically attached to existing factory electric power.

3.13 INSTRUMENTS AND CONTROLS

- 3.13.1** The following instruments shall be provided:
 - 3.13.1.1** AM/FM digital Bluetooth /radio with clock
 - 3.13.1.2** Speedometer with recording odometer
 - 3.13.1.3** Ammeter or voltammeter gauge
 - 3.13.1.4** Low-charge warning light
 - 3.13.1.5** Oil pressure gauge
 - 3.13.1.6** Fuel tank level gauge(s)
 - 3.13.1.7** Engine temperature gauge
 - 3.13.1.8** Headlight on indication and headlight high beam indicator

- 3.13.1.9 Directional signal and flasher action light
- 3.13.1.10 Parking Brake Indicator
- 3.13.1.11 Power Port for Cell Phone
- 3.13.1.12 Fasten Safety Belt warning light
- 3.13.1.13 Emergency Flasher
- 3.13.1.14 Door Control
- 3.13.1.15 Kneeling Switch
- 3.13.1.16 AC/ Heater Switch
- 3.13.1.17 Two-Speed Wiper Control with Intermittent Feature
- 3.13.1.18 Switch for Passenger Compartment Lights
- 3.13.1.19 Driver's Dome Light

3.14 BODY, DOORS, AND ROOF

- 3.14.1 Modular structure shall consist of advanced, sandwich-type composite side and roof panels coupled with high strength aluminum structural joiner. Sidewall panels must contain high density PET foam in combination with composite pultrusion's used as stiffeners and then covered with high gloss FRP.
- 3.14.2 Subfloor frame shall be made of a minimum of 101,500 psi steel and will be completely flat. A modified frame and frames containing varying heights will not be accepted. Frame to be treated for corrosion with the utilization of an 800-degree zinc hot dip galvanizing process equivalent to ISO 1461 standard. Undercoating will not be accepted as a means of corrosion protection.
- 3.14.3 Rear wall shall be one-piece FRP panel reinforced with 14-gauge carbon steel cage. Interior shall be covered with one-piece ABS panel.
- 3.14.4 Front roof cap shall be one-piece FRP secured to cab, roof and sidewalls with high strength adhesive.
- 3.14.5 The use of wood in any part of the body construction will not be

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

accepted.

3.14.6 Body assembly must meet or exceed FMVSS 220.

[FMVSS 220](#)

3.14.7 Body shall be contoured at roof line to direct water to the back of the vehicle and off the roof so that no roof gutters are necessary.

3.14.8 The vehicle shall be equipped with an electrically operated, 40” double leaf, outward opening door with molded safety seal at center. Door shall be equipped with auto-reopen switch.

3.14.9 The door shall have a minimum clear opening width of 40” as measured from inside edge to inside edge of door foam and full height of a minimum of 78” clear “walk-in” headroom as measured from the top of the front step to the entrance header.

3.14.10 The door shall have full-length design tinted windows that conform to all applicable Federal and State Motor Vehicle Safety Standards.

3.14.11 All nuts, bolts, clips, washers, clamps, and like-parts shall be galvanized, zinc-coated, or given a coat of primer as additional protection against corrosion. **All exterior screws and bolts shall be stainless steel.**

3.14.12 Interior surfaces of any exterior painted body panels and posts which are covered by trim materials shall be given a coat of primer as additional protections against deteriorations.

3.14.13 All exposed surfaces and edges shall be smooth, free from burrs and other projections, and shall be neatly finished.

3.14.14 Paint: The basic vehicle factory color shall be OEM standard white

3.14.15 Door Locks: Power

3.14.16 A firewall shall separate the engine and passenger compartments, providing both thermal and acoustic insulation, sealing against intrusion of exhaust gases into the vehicle and providing sufficient sound attenuation to maintain a maximum of 86db level in the passenger compartment. The firewall shall be constructed of flame resistant material.

3.14.17 Undercoating: Undercoating shall be MicroZJNQ coating or equal, being equivalent to ISO 1461 Standard.

[ISO 1461 Standard](#)

3.14.18 Exterior

Paint – Surface shall be properly cleaned and primed, as appropriate, for the paint used. All exterior surfaces shall be impervious to gasoline and commercial cleaning agents. The exterior of each van shall be painted a basic white color as furnished by the chassis manufacturer. Fiberglass matching the color of the chassis is acceptable. Finished surfaces shall not be damaged by controlled application of commonly used graffiti- removing chemicals. Touch up paint for each paint color used shall be provided.

3.14.19 Paint Scheme - (Exhibit B)– Paint scheme and paint colors of the agencies receiving the vehicles will be furnished to the successful vendor. Each agency will have a logo and striping scheme. Each agency’s logo and striping scheme will have at least 2-3 colors, with the possibility of up to 5 colors. Where the log covers the window, perforated vinyl will be used. Finished surfaces shall not be damaged by controlled application of commonly used graffiti-removing chemicals.

3.14.20 5310 Paratransit Vehicles Vinyl Scheme: (Exhibit D) Vinyl Logo/Striping Scheme on Vehicles Class B, D and F Paratransit Vehicle. This will include the Agency Name, Phone Number and West Virginia Transit Assistance Program Logo applied to both sides of the vehicle by the Vendor at the Factory. This scheme uses two colors: Pantone 485 (red) and Pantone Process Blue.

3.14.21 The artwork for the logo and stripes will be provided by the Division upon award as well as a list of agency names and phone numbers.

3.14.22 Signs and numbers shall be fade, chip, and peel-resistant: NO painted signs, decals, or pressure sensitive appliques.

3.14.23 All decals shall be sealed with clear, waterproof sealant around the edges and on all exposed surfaces.

3.14.24 Transit System Vinyl Schemes (Exhibit C)

This will include a vinyl scheme applied to the vehicle by the Vendor as the factory. The schemes can have at least 2-3 colors with the possibility of up to 5 colors. Where the logo's cover the window, perforated vinyl will be used. For Example, on Exhibit C, Examples of Paint Schemes, the Paint Scheme for Potomac Valley Transit Authority has its logo going across the window.

3.14.25 Successful vendor to work directly with Transit Authority regarding what logo, stripes, etc. to be applied. Successful vendor shall obtain written documentation from Transit Authority Official approving layout, colors and information prior to installation. See Exhibit C Examples of Paint Schemes. Exhibit B and Exhibit C are just examples of the logos and stripes, actual logo, and strips may vary.

3.14.26 All decals shall be sealed with clear, waterproof sealant around the edges and on all exposed surfaces.

3.14.27 Graphics: All Graphics files must be First Generation or Original Files in the following format:

1. .ai File
2. Vector Art File
3. High Resolution .tif
4. Other High-Resolution Files

3.14.28 Exterior Reflective Vinyl Tape: The vendor shall stripe the vehicle with exterior reflective white vinyl tape meeting DOT-C2 standards. The vehicle shall be stripped from the front of the bus to the rear with exterior white reflective vinyl tape at the top and bottom of all egress passenger windows meeting DOT-C2 standards.

When the existing logos are not on the rear of the bus, the white reflective vinyl must circle the rear emergency door window, if present, even when the color vinyl is used in the logo.

The exact location and size will be agreed upon between the Division of Public Transit and the successful bidder.

[DOT C2 Standard](#)

3.14.29 License plate mounts located on the rear bumpers. Prior to delivery, all vehicles must be pre-drilled, with hardware installed, to meet specifications that require rear license plate. Any vehicle delivered without such plate mounts will be rejected.

3.15 WINDOWS

- 3.15.1 Glass shall be safety glass, with all latch mechanisms recessed
- 3.15.2 Windshield shall be fixed type, glazed with safety laminated glass, tinted above eye level.
- 3.15.3 Manufacturer's Standard Tint Glass
- 3.15.4 Windows in Driver and Copilot doors shall be OEM standard power-actuated vertically.
- 3.15.5 Passenger Side Windows to be solid pane with industry standard tint. Stationary windows shall be minimum 46" X 41" with one (1) Emergency egress window on each side of the vehicle measuring a minimum of 54" x 34".

3.16 HEATING AND VENTILATION

- 3.16.1 An OEM heating/defrosting and air conditioning system for the driver shall be provided. All lines and hoses shall be sufficiently fastened protected, and insulated to ensure against wear from friction and the elements. The lines must be mechanically attached, with OEM or equivalent clamps, to the vehicle structure and must be routed so as not to be exposed to wheel spray. Cold feed lines shall not pass within 2 inches of any part of the exhaust system. Conversion shall not impede access to front and rear air conditioning components.
- 3.16.2 Roof Top Air Conditioning and Heat with Temperature Sensor, 65,000 BTU Cooling and 95,000 BTU Heating

3.17 INTERIOR LIGHTING

- 3.17.1 Interior lighting shall be illuminated with four (4) LED courtesy lights as well as (1) 8" LED light in bulkhead so as to provide a minimum of 12 foot-candle of illumination measured 36" above the floor. All accessory vehicle lighting shall conform to ADA 49 CFR, Part 38, Subpart B. ADA 49 CFR, Part 38, Subpart B: [ADA 49 CFR, Part 38, Subpart B](#).
- 3.17.2 Passenger entry shall be illuminated with an 8" LED strip light that will illuminate automatically with the door is opened or closed
- 3.17.3 Driver courtesy lights shall come on when driver door is opened. All other interior lights shall operate only when ignition is in the "on" position: and entry and interior lights shall operate when passenger door

is open and ignition on. Additionally, a driver-controlled override shall be provided to allow operation of all interior passenger courtesy lights when doors are closed, and ignition is on.

3.18 EXTERIOR LIGHTING

3.18.1 Exterior lighting shall be in accordance with Federal Motor Carrier Safety Regulations (393.11).

[Federal Motor Carrier Safety Regulation 393.11](#)

3.18.2 LED amber front marker lights shall be provided three (3) lamp cluster centered above windshield and (1) on each side above windshield.

3.18.3 LED red marker lights on rear of vehicle shall be provided in upper corner of each side of vehicle.

3.18.4 LED red light bar on rear of vehicle in upper center to act as brake light must be provided.

3.18.5 Vehicle will be equipped with OEM Stop/Turn/Back-up lights.

3.18.6 LED license plate light shall be provided.

3.19 FLOOR AND FLOR COVERING

It is required that the vendor supply the description, warranty, and literature information of this product with the bid.

3.19.1 Sub-Floor: shall be made of Coosa composite glued directly to the chassis. No plywood or steel belly panels are acceptable.

3.19.2 Floor Covering Material: Altro-Flooring or equal, equal being 2.2 mm thick commercial grade vinyl transit floor covering shall cover the entire floor surface. Flooring should also possess anti-skid properties.

3.19.3 Floor Assembly: Flooring shall be glued directly to the Coosa.

3.19.4 There shall be a molded plastic, fiberglass, rubber or FRP cover molding between sidewalls and floor for ease of cleaning.

3.19.5 Front step height from ground shall be 9.75” maximum when kneeling.

- 3.19.6** Entry shall be completely enclosed and watertight when passenger door is in the closed position.

3.20 INTERIOR DECALS

- 1) **"No Smoking"** at the front top of vehicle.
- 2) **"All Passengers Are Required To Wear Seat Belts When Vehicle Is In Motion"** at the front top of the vehicle.
- 3) **"Clearance _____ feet _____ inches"**
above driver's visor. (The specific figures on clearance will be determined by exact dimensions of vehicle.)
- 4) **Emergency Dial 911:**
- 5) **EMERGENCY EQUIPMENT** - Apply to the First Aid Kit.
- 6) All emergency exits or whindows to be noted with a decal.

3.21 EXTERIOR DECALS:

- 1) **"This Vehicle Makes Frequent Stops"** on the back of the vehicle.
- 2) The International Wheelchair Accessibility Symbol on the back of the vehicle.
- 3) **"CAUTION: Loading and Unloading Passengers"** on the back of vehicle.
- 4) **"CAUTION: STAND CLEAR FOR LIFT OPERATIONS"** on lift door.

The exterior decals shall have 3" lettering shall be white letters on red black ground. Location to be approved by the Division of Public Transit.

3.22 SEATING

All seats in the vehicle as specified must comply with current FMVSS

standards.

FMVSS Standard 207 Seating System

- 3.22.1 Front Seats:** The driver seat shall be OEM and mounted to the vehicle floor.
- 3.22.2** Front passenger seat shall be removed and a locking storage box large enough to hold the first aid kit, blood born kit, wool and mylar blankets and jumper cables securely fastened as not to move around nor obstruct the driver in any way.
- 3.22.3** No wheelchair position shall be blocked from loading and unloading due to the use of another wheelchair position.
- 3.22.4** All forward-facing passenger seats shall be Freedman Go-ES bolted to the floor frames. Aisle seats will include grab handles at the headrest area of the seatback.
- 3.22.5** Upholstery shall be vinyl – fabric hybrid grade 3.5 or higher (Commercial grade vinyl and fabric)
- 3.22.6** Seat Dimensions:
 - 3.22.7.1** Seat Width Per Person: Minimum 17.5”
 - 3.22.7.2** Seat Depth: Minimum 17”
 - 3.22.7.3** Seatback: Minimum 24”
- 3.22.7** Front of bottom cushion shall be rolled. Foam shall be contoured, dense, transit grade polyurethane with a minimum thickness of 1.5”.
- 3.22.8** The Driver’s seat shall be single Freedman Wall seats with arm rests on each side of seat and retractable seatbelts. Seat shall have “nudge” feature meaning they stay in down position until “nudged” up and then fold automatically.
- 3.22.9** Flip Seats, shall be installed at each wheelchair position, and be single Freedman Wall seats with arm rests on each side of seat and retractable seatbelts. Seat shall have “nudge” feature meaning

they stay in down position until “nudged” up and then fold automatically.

3.22.10 At least two (2) seats shall be equipped with a Freedman Featherweight CRS -225 child safety latch for securement of children’s car seat, or equal. If the designated seat is at a wheel well, it can only be on the wall seat. (This seat has the attachment point to secure removable child seats.)

3.22.11 Passenger Restraint: Restraints shall be furnished for all passengers, consisting of shoulder seatbelts and/or lap belts. Each belt shall be equipped with an automatic retractor. Securement devices, both for ambulatory and mobility aid passengers, shall meet all State and Federal Standards.

[49 CFR Standard No. 210](#)

3.23 ALTOONA BUS TESTING REPORT

Bidder shall submit with proposal documentation showing compliance with 49 CFR 665, FTA Bus Testing regulations. Vehicle must have completed and passed the Altoona Pass/Fail test for a minimum 5 Year/150,000 Mile duty cycle life. Test results documenting a 5 Year/150,000 Mile duty cycle life by the Federal Transit Administration test center in Altoona, Pennsylvania clearly identifying the passing score shall be submitted. A vehicle that has not completed a Pass/Fail Altoona Test will not be compliant with this specification.

[FTA Bus Testing Standard](#)

3.24 EMERGENCY/SAFETY EQUIPMENT

3.24.1 First Aid Kit - First-Aid Kit shall comply with Federal Motor Vehicle Carrier Safety Regulations Part 393(h), Section 393, Part 96(c), with a minimum of 15 units. First-aid kits shall be stored in storage compartment or mounted so as to provide for easy access in the event of an accident, away from foot traffic.

[Federal Motor Carrier Safety Administration Emergency Equipment](#)

3.24.2 Kit shall be housed in a metal box which contains at least the following items:

3.24.2.1 Instant Cold Pack (1)

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

- 3.24.2.2 Certicaine Burn Spray (1 oz.)
- 3.24.2.3 1" x 3" Adhesive Bandages (25)
- 3.24.2.4 3/4" x 3" Adhesive Bandages (10)
- 3.24.2.5 Extra Large Adhesive Bandages (10) 3" x 3"
- 3.24.2.6 Gauze Pads (10)
- 3.24.2.7 Antiseptic Wipes (10)
- 3.24.2.8 Alcohol Prep Pads (20)
- 3.24.2.9 Ammonia Inhalants (10)
- 3.24.2.10 2" x 6 yds. Gauze Bandage
- 3.24.2.11 1/2" x 2.5 yds. Adhesive Tape
- 3.24.2.12 Burn Ointment (1/8 oz.) (4)
- 3.24.2.13 Insect Sting Swabs (4)
- 3.24.2.14 PVP Iodine Swabs (4)
- 3.24.2.15 Tweezers (1)
- 3.24.2.16 Scissors (1)
- 3.24.2.17 Safety Pins (5)
- 3.24.3 Fire Extinguisher - A 5 lb. dry chemical fire extinguisher with a minimum of a 20-A: 180-B:C rating shall be provided in vehicle and shall be mounted in an access compartment with a hinged door or on a vehicular-type quick access bracket away from foot traffic.
- 3.24.4 Reflectors - Three bi-directional emergency reflective triangles conforming to requirements of FMVSS No. 125, Section 571.125 shall be secured in the storage compartment of the vehicle.

[FMVSS No. 125, Section 571.125](#)
- 3.24.5 Jumper Cables - Jumper cables of stranded copper, 4-6 gauge, seven (7) feet minimum length shall be secured in the storage compartment of the vehicle.

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

- 3.24.6** Bloodborne Pathogen Protection Kit - A 10-unit (minimum) kit housed in a polypropylene or metal box and containing at least the following items:
- 3.24.6.1** Gown/Cap (1)
 - 3.24.6.2** Goggles (Eye Shield) (1)
 - 3.26.6.3** Mask (1)
 - 3.26.6.4** Sets of Gloves (3) latex
 - 3.26.6.5** Scraper (1)
 - 3.26.6.6** Crepe Towels (2)
 - 3.26.6.7** Antiseptic Towelettes (4)
 - 3.26.6.8** Disinfectant Towelette (4)
 - 3.26.6.9** Mouth to Mouth Barrier (1)
 - 3.26.6.10** Scoop Bag (3)
 - 3.26.6.11** Infectious Liquid Control Powder (2 oz.)
 - 3.26.6.12** Red Bio-Hazard Bags with Ties (2)
- 3.24.7** Wheel Jack & Lug Wrench secured in a location approved by the Division of Public Transit.
- 3.24.8** Seat Belt Cutter – shall be secured in the storage compartment of the vehicle.
- 3.24.9 Two Mylar Blankets:** Two (2) folded sealed and stored silver 80-85” x 50-70” Mylar disposable rescue blankets.
- 3.24.10 Wool Blankets:** Two (2) wool blankets 62” X 80” each, shall be provided.
- 3.24.11 Safety Vest:** A highly visible reflective safety vest to be worn by the driver in case of an emergency that makes the driver visible to evacuating passenger and other motorist.
- 3.24.12 Seat Belt Extenders:** The vendor shall supply five (5) seat belt extenders for each vehicle.

3.25 MIRRORS

- 3.25.1 Interior Standard OEM Rear vision mirror with non-glare, day/night feature shall be provided.
- 3.25.2 Vehicle will be equipped with OEM exterior heat/remote mirrors with turn-signals incorporated into the mirror. Mirror assembly shall contain a flat mirror measuring approximately 9.75" x 10.25" and a convex mirror measuring approximately 9.75" x 3.25". **It is required that the vendor supply the description, warranty, and literature information of this product with the bid.**

3.26 WHEELCHAIR SECUREMENT SYSTEM

- 3.26.1 **It is required that the vendor supply the description, warranty and literature information of this product with the bid.**
- 3.26.2 Wheelchair securement areas and systems shall fully comply with all applicable U.S. Department of Transportation's Americans with Disabilities Requirements. NHTSA requires a 3-point shoulder restraint system shall be supplied for each passenger for vehicles under 10,000 GVWR.
- 3.26.3 Vehicle shall be equipped with one (1) wheelchair position. Each required wheelchair position a wheelchair securement system shall be provided to securely hold the wheelchair in the wheelchair position.
- 3.26.4 Provisions shall be made, in the wheelchair position area, to stow the straps and buckles off the floor when they are not in use. The stored straps shall not interfere with passenger movement or sitting space. Vendor shall submit description and location of product with bid.
- 3.26.5 The vendor shall provide with each vehicle upon delivery a pamphlet, brochure or similar literature describing and instructing the use of the wheelchair securement system and shall demonstrate to the recipient the proper method of using the system. Demonstration of the securement system must be performed to insure correct use of the system.
- 3.26.6 A Freedman Seating 3 Step Forward Facing Fold Down Double Seat, or equal, shall be used in every wheelchair position for use by non-disabled persons when the securement system is not needed. When folded up, the seat shall not interfere with the use of the wheelchair positions by passengers in wheelchairs. An under-seat retractable seat belt shall be provided for each seated position.

3.26.7 The wheelchair station shall have a securement system fully complying with ADA requirements and capable of securing most common wheelchairs and other mobility aid devices. Each wheelchair space shall have at least 3-5” in between each space for easy access of driver.

3.27 WHEELCHAIR OCCUPANT RESTRAINT SYSTEM

3.27.1 A restraint system shall be provided for the occupant of the wheelchair at each wheelchair position. The restraint system shall be a seat belt assembly permanently attached to the floor or side of the vehicle or to the wheelchair lock supports. The restraint system shall be capable of securing a passenger in all types of wheelchairs or Scooters, while the chairs are locked in position. The seat belt shall be at least eighty (80) inches long and shall be easily fastened and unfastened by the wheelchair occupant. Each seat belt shall be equipped with a retractor or other device, which keeps the seat belt webbing or strap off the floor when the seat belt is not in use.

3.27.2 Wheelchairs will be secured with Q’Strait Q-8300-A Deluxe wheelchair restraints with Slide ‘n’ click floor anchorage.

3.27.2.1 Wheelchair tie-down and occupant restraint shall consist of four automatic retractors with J-hook per securement area with a separate lap restraint belt for the occupant. Self-tensioning belts to be interchangeable.

3.27.2.2 Means shall be provided to safely and securely store tie—down straps when not in use by providing brackets that mount vertically near each wheelchair position. One (1) Q”Strait storage punch will be provided for loose lap and shoulder belts.

3.27.2.3 Wheelchair retractors shall be fully automatic, auto locking and self- tensioning.

3.27.2.4 Retractors shall automatically remove any slack in the webbing after they are secured to the wheelchair.

3.27.2.5 Retractors are self-retracting; therefore, no belts are left on the floor, keeping them cleaner and longer lasting.

3.27.2.6 Retractor shall have a “LOCKED” indicator tag and shall

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

only be visible when the retractor is in the LOCKED mode assuring the retractor is not in the release condition when properly secured to the wheelchair.

- 3.27.2.7** Retractors shall be heavy duty with heat treated structural components and plated for superior corrosion resistance.
- 3.27.2.8** Retractors shall have a chrome plated metal cover for long lasting protection.
- 3.27.2.9** Retractors shall have BLUE or BLACK webbing and the occupant restraints shall be of a contrasting color for easy identification in the field.
- 3.27.2.10** Retractors shall be equipped with anchoring points for the attachment of the occupant restraint lap belts.
- 3.27.2.11** Retractors shall be able to be used with a variety of shoulder/lap Belt combinations.
- 3.27.2.12** Retractors shall have manual knobs for additional tightening if needed.
- 3.27.2.13** Retractor shall be able to secure a wheelchair with one hand in as little as 10 seconds.
- 3.27.2.14** Retractors shall have a warranty period of 3 years and shall have a manufacturing label to identify the part number and date of manufacture for easy traceability.
- 3.27.2.15** Retractors, occupant restraints and anchoring equipment shall be installed in accordance with the manufacturer's installation instructions and recommendations.
- 3.27.2.16** Retractors and occupant restraints shall meet or exceed but not limited to the following specifications:

[SAE J2249](#)

[ISO 10542](#)

[National Standard for School Buses Standard 222](#)

[ADA 49 CFR Part 38](#)

[FMVSS 209](#)

[FMVSS 302](#)

[Canadian Z605](#)

It is required that the vendor supply the description, warranty and literature information of this product with the bid.

3.28 WHEELCHAIR LIFT:

3.28.1 Mobility Aid Ramp – Wheelchair ramp shall be manually-operated ADA compliant 34” z 60” with a capacity of 800 lbs. that folds and stows vertically inside the vehicle. No In-floor ramps will be accepted.

[ADA CFR 49](#)

3.28.2 Control Interlock - The ramp doors shall be interlocked with the vehicle transmission to ensure the vehicle cannot be moved when the right side slide door is ajar.

3.28.3 Option to upgrade manual ramp to an electric ramp. Ramp incorporates a full drive motor enabling the ramp to be operated from the driver’s position or corded at the door entrance.

3.29 AM/FM DIGITAL BLUETOOTH/ RADIO WITH CLOCK

Vehicle shall be equipped with the OEM’s AM/FM stereo with steering-wheel mounted controls. OEM 5” LCD touch screen with Bluetooth capability must be provided. **Vendor should submit product description, warranty information, and product literature with bid, but must submit this information within 48 hours of request.**

3.30 STANCHIONS AND GRAB RAILS

3.30.1 All stanchions and grab rails shall be 1 ¼” stainless steel tubing with brushed finished. Vertical stanchions shall be secured top and bottom with barrel bolts to prevent twisting. All stanchions shall be mounted floor to ceiling in structural member.

3.30.2 Modesty panels shall be manufacture’s standard white HDPE board with rounded corners.

3.30.3 Two vertical stanchions will be provided behind the driver’s seat/

Stanchions to be filled with a clear Lexan panel to fully cover the back of the driver's seat for protection.

- 3.30.4** There shall be vertical stanchions and cross bars located at each side of the steps into the rear of the vehicle. Modesty panels will be included if no ambulatory sets are located in the lower portion of the vehicle.

3.31 DUAL PURPOSE SAFETY VENT

- 3.31.1** Each vehicle shall be equipped with a five (5) way, 23" X 23" minimum vent/ escape hatch. Transpec Model 1975 or 1122, Equal (as defined by FMVSS 217, below) dual purpose safety vent capable of being used as a multi-position roof ventilation and as an emergency exit.

[Standard Number 217 Bus Emergency Exits](#)

3.32 FIXED ROUTE PACKAGE

This package will also contain **Fare Box Provision, Destination Signs, PA System, Passenger Signaling System, Strobe Light** as described below.

3.32.1 FARE BOX PROVISIONS

Fare box provisions requires that the forward stanchion at the driver's shoulder shall be prewired for mounting of fare box with enough slack for the positioning of the fare box to be moved if necessary.

3.32.2 PA SYSTEM

Mobile PA system with a handheld mic, one external speaker, and two internal speakers shall be provided. PA system may be integrated into the radio system if it can be down without excessive slicing; otherwise, the system should be separate

3.32.3 PASSENGER SIGNALING SYSTEM

A wireless stop request system - stop request and chime with touch tape at the wheelchair positions shall be provided. The wireless stop request system shall be at a height that individuals with disabilities can access the cord at seat level front to rear.

3.32.4 DIGITAL SIGNS

3.32.4.1 Front and side digital destination signs shall be provided. A lightweight all LED sign that provides a wide viewing angle for visibility at day or night with automatic brightness adjustment. Signs must be compatible with all Windows platforms programming platform for easy transit system use. The signs must come with all accessories for the transit system to change routes daily if needed, including an operator control unit (OCU) with PC card port for uploading data will be required for each vehicle along with a 12V DC converter. The destination signs must meet all ADA standards (see link below) and must have a minimum operating life of 100,000 hours. The sign shall be fastened to the body of the vehicle on the top and bottom of each destination sign to secure and eliminate all movement. Brackets should be used in addition to normal installation procedures to secure signs at the top and bottom.

[FMVSS on Destination Signs](#)

3.32.4.2 The Division of Public Transit shall approve the size and location of the window.

3.32.4.3 Dimensions: front-All LED minimum 16 x 80 Pixel and 6 ½” x 31 5/8” display small pitch signs. Side All LED 8 x 64 Pixel and 3 ¼” x 25 1/4” display. All programmable software and hardware is to be provided.

3.32.4.4 Customer support shall be provided.

3.32.4.5 Control panel for the signs shall be located at a position convenient for driver operation and shall be approved by the Division of Public Transit. Vendor shall submit details with bid.

3.32.4.6 Optional On-Board Automatic Audio / Visual LED Display Voice Announcement System

3.32.4.7 The ADA compliant system must announce “Next Stop” and “Now Arriving” via the speaker and/or a PA system such that all passengers can hear the announcements from their seated positions. The destination announcements, which must be available in multiple languages, shall be automatically triggered based on a GPS locator and geo-fence settings that are programmable via a free Graphical User Interface that can be used by the fleet. Other announcements, such

as “Welcome Aboard”, “Please be Seated”, etc....., shall be possible using digital or discrete input triggers.

3.32.4.8 The system shall support at least 70 routes and at least 70 stops per route.

3.32.4.9 The system requires a module with a built-in speaker for driver only messages or the ability to deliver announcements throughout the bus by utilizing an existing or standalone PA system along with visual text messages displayed on an LED interior passenger sign to meet ADA requirements. Audio announcements shall be programmed to broadcast at the module near the driver and/or through the speakers inside the bus for the riders to hear.

3.32.4.10 The system shall include a Full Amber LED interior passenger information sign that is fully integrated to the audio messaging, allows text commands and plugs into the voice announcement module. The LED sign must have a minimum display area of 8 pixels H by 96 pixels W, 5mm LEDs with a 7.62 mm pitch. The sign frame, housing and complete assembly shall be 3.5” H x 32.25” W by 2.25” D, and be black powder coated and weighs less than 7 lbs. The character viewing area must be a minimum of 2.5” x 29.25” and have an anti-glare protective smoked polycarbonate lens. The sign must have an automatic light adjustment sensor that adapts to changing light conditions to dim down or brighten the LEDs based on the amount of light transmitted. The interior sign shall be designed to display information to passengers on-board the vehicle, include a usable lifetime warranty of 10 years and be capable of operating 24/7.

3.32.4.11 Initial installation and operational support manuals must be included with each system. Optional additional support via either on-site, phone, video calls, training videos and in-person (quote and additional fees may apply) shall be made available. Additional setup fees, monthly subscription or re-occurring service fees shall not be required for user to operate and manage the voice announcement system.

3.32.5 STROBE LIGHT

3.32.5.1 A protected or guarded clear lens strobe light shall be installed on top of the vehicle. The Division of Public Transit shall

approve the type, the installation location, and the process.

3.33 MISCELLANEOUS ADDITIONS

- 3.33.1** Each vehicle shall be equipped with rear window defroster.
- 3.33.2** Each vehicle shall have installed power windows and locks on all doors.
- 3.33.3** Each vehicle shall be equipped with driver and passenger air bags.
- 3.33.4** Each vehicle shall be equipped with a sun visor for driver and front passenger that is able to pivot to cover their doors.
- 3.33.5** Each vehicle shall have installed Angel-Trax Vulcan Series V12 HD IP Mobile DVR Security Camera System with 6 cameras or equal. Equal having dual 500GB solid state hard drives, six audio/video channels and SD card backup feature. System is to be installed in a secure locked box with two (2) keys in an easily accessible location. Please submit a brochure for evaluation if asking for an equal.

3.34 MANUALS

- 3.34.1** The vendor shall furnish each vehicle with complete driver, parts and maintenance manuals, including AS-BUILT wiring schematics of auxiliary circuits, air line diagrams and all other necessary prints for the maintenance of the wheelchair lift, auxiliary air conditioning unit and any other optional items added by the vendor during conversion.

3.35 UNSPECIFIED ACCESSORIES & FEATURES

- 3.35.1** 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 confirm 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. All parts and accessories advertised and regularly supplied as standard shall be included, except those which would represent duplication of these specified and except those which, by specification, are not to be furnished. All standard safety features, required by Federal and State Law, shall be included. Vehicles must have all equipment found on the manufacturer's base model plus other equipment requirements, packages, items, etc. needed to meet the specifications.

3.36 TRAINING

3.36.1 The Vendor shall, at its own expense conduct two (2) one day training sessions at two different locations between the hours of 8:00 a.m. to 5:00 p.m. Dates will be mutually agreed upon, with the option of additional training days, if necessary. The Division will arrange a venue and registration. The vendor will provide one or more qualified instructor(s) and materials. Instructors shall conduct schooling sessions which shall be designated to instruct the Recipient Agency's in-house driver training staff in proper and safe on-road operation of the vehicle, in operating characteristics and limitations of the vehicle, and identification and proper operation of all driver's controls. Instructors shall also conduct training sessions for maintenance instructors and qualified mechanics to give thorough and proper training in the maintenance and repair of all operating systems of the vehicle including: (1) power train, (2) electrical system, (3) heating, ventilation, and air conditioning system, (4) braking and air system, and (5) wheelchair lift and securement systems. The Vendor shall also provide visual and other teaching aids for use by each Recipient Agency's own staff.

4 REQUIREMENTS SPECIFIC TO EACH VEHICLE CLASS

4.1 Class A: Vehicles identified as Class A vehicles must meet the following mandatory requirements in addition to the requirements listed in Section 3. Class A Vehicle will NOT have any Striping or Logo's,

Painted White.

4.1.1 Measurements and Other Specifications:

GVWR	9,350 minimum
WHEELBASE	179.8” Minimum
SEAT/WHEELCHAIR CAPACITY	14 Fixed Seats No Wheelchair Positions
PASSENGER HEAT & A/C	OEM Front & Rear System
ENGINE TYPE	Gasoline
GAS TANK CAPACITY	24 Gallon Tank, Minimum
ENGINE CAPACITY	3.6L V6 , Minimum
BRAKES	ABS
WHEELCHAIR LIFT	Manual / Right Side

4.2 Class B: Vehicles identified as Class B vehicles must meet the following mandatory requirements in addition to the requirements listed in Section 3. Class B will be painted white with the 5310 Logo as well as Agency name and phone number as described in Section 3.14.20.

4.2.1 Measurements and Other Specifications:

GVWR	9,350 minimum
WHEELBASE	179.8” Minimum
SEAT/WHEELCHAIR CAPACITY	Twelve Fixed Seats / One Wheelchair Position, Two Flip Up Seat in Wheelchair Positions
PASSENGER HEAT & A/C	OEM Front & Rear System
ENGINE TYPE	Gasoline
GAS TANK CAPACITY	24 Gallon Tank, Minimum
ENGINE CAPACITY	3.6L V6 , Minimum
BRAKES	ABS
WHEELCHAIR LIFT	Manual / Right Side

4.3 Class C: Vehicles identified as Class C vehicles must meet the following mandatory requirements in addition to the requirements listed in Section 3. Class C will have the Transit System Logo as defined in Section 3.14.24 and Fixed Route Package as defined in Section 3.32.

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

4.3.1 Measurements and Other Specifications:

GVWR	9,350 minimum
WHEELBASE	179.8” Minimum
SEAT/WHEELCHAIR CAPACITY	Twelve Fixed Seats / One Wheelchair Position, Two Flip Up Seat in Wheelchair Positions
PASSENGER HEAT & A/C	OEM Front & Rear System
ENGINE TYPE	Gasoline
GAS TANK CAPACITY	24 Gallon Tank, Minimum
ENGINE CAPACITY	3.6L V6, Minimum
BRAKES	ABS
WHEELCHAIR LIFT	Manual / Right Side

4.4 Class D: Vehicles identified as Class B vehicles must meet the following mandatory requirements in addition to the requirements listed in Section 3. Class B will be painted white with the 5310 Logo as well as Agency name and phone number as described in Section 3.14.20.

4.4.1 Measurements and Other Specifications:

GVWR	9,350 minimum
WHEELBASE	179.8” Minimum
SEAT/WHEELCHAIR CAPACITY	Ten Fixed Seats / Two Wheelchair Position, Four Flip Up Seat in Wheelchair Positions
PASSENGER HEAT & A/C	OEM Front & Rear System
ENGINE TYPE	Gasoline
GAS TANK CAPACITY	24 Gallon Tank, Minimum
ENGINE CAPACITY	3.6L V6, Minimum
BRAKES	ABS
WHEELCHAIR LIFT	Manual / Right Side

4.5 Class E: Vehicles identified as Class C vehicles must meet the following mandatory requirements in addition to the requirements listed in Section 3. Class C will have the Transit System Logo as defined in Section 3.14.24 and Fixed Route Package as defined in Section 3.32.

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

4.5.1 Measurements and Other Specifications:

GVWR	9,350 minimum
WHEELBASE	179.8” Minimum
SEAT/WHEELCHAIR CAPACITY	Ten Fixed Seats / Two Wheelchair Position, Four Flip Up Seat in Wheelchair Positions
PASSENGER HEAT & A/C	OEM Front & Rear System
ENGINE TYPE	Gasoline
GAS TANK CAPACITY	24 Gallon Tank, Minimum
ENGINE CAPACITY	3.6L V6, Minimum
BRAKES	ABS
WHEELCHAIR LIFT	Manual / Right Side

4.6 Class F: Vehicles identified as Class B vehicles must meet the following mandatory requirements in addition to the requirements listed in Section 3. Class B will be painted white with the 5310 Logo as well as Agency name and phone number as described in Section 3.14.20.

4.6.1 Measurements and Other Specifications:

GVWR	9,350 minimum
WHEELBASE	179.8” Minimum
SEAT/WHEELCHAIR CAPACITY	Eight Fixed Seats / Three Wheelchair Position, Six Flip Up Seat in Wheelchair Positions
PASSENGER HEAT & A/C	OEM Front & Rear System
ENGINE TYPE	Gasoline
GAS TANK CAPACITY	24 Gallon Tank, Minimum
ENGINE CAPACITY	3.6L V6, Minimum
BRAKES	ABS
WHEELCHAIR LIFT	Manual / Right Side

4.7 Class G: Vehicles identified as Class C vehicles must meet the following mandatory requirements in addition to the requirements listed in Section 3. Class C will have the Transit System Logo as defined in Section 3.14.24 and Fixed Route Package as defined in Section 3.32.

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

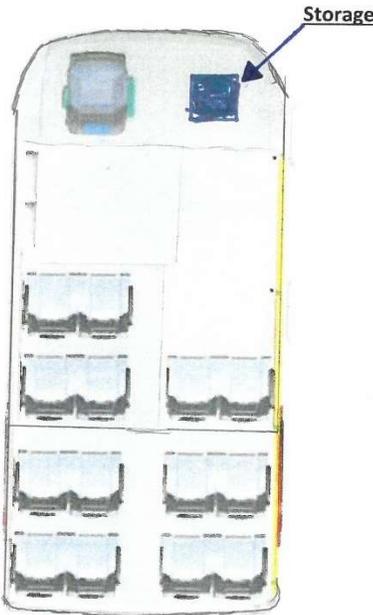
4.7.1 Measurements and Other Specifications:

GVWR	9,350 minimum
WHEELBASE	179.8” Minimum
SEAT/WHEELCHAIR CAPACITY	Eight Fixed Seats / Three Wheelchair Position, Six Flip Up Seat in Wheelchair Positions
PASSENGER HEAT & A/C	OEM Front & Rear System
ENGINE TYPE	Gasoline
GAS TANK CAPACITY	24 Gallon Tank, Minimum
ENGINE CAPACITY	3.6L V6, Minimum
BRAKES	ABS
WHEELCHAIR LIFT	Manual / Right Side

4.8 FLOORPLAN EXAMPLES

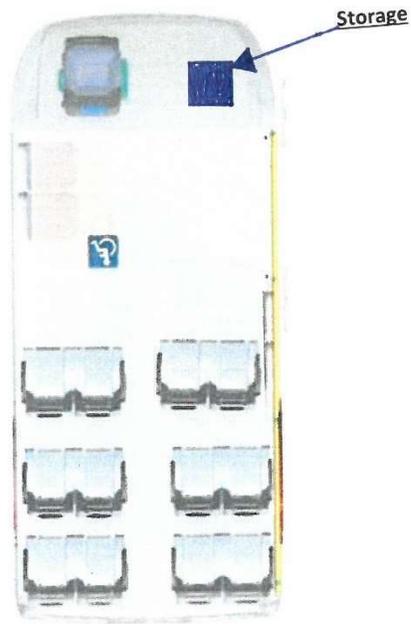
REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

Class A - 14 Passenger, Non-Accessible



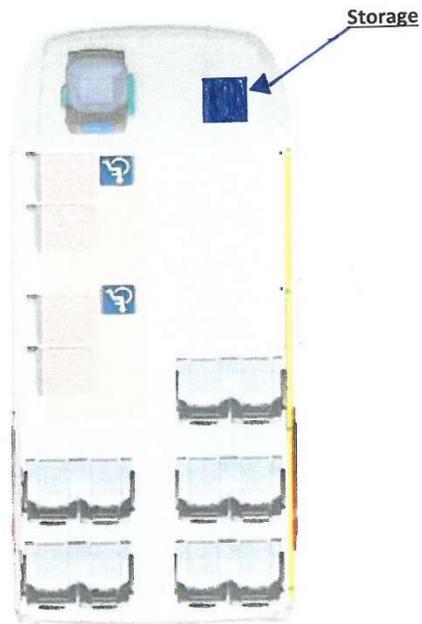
REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

Class B and C, 12 Fixed Seats, One Wheelchair Position



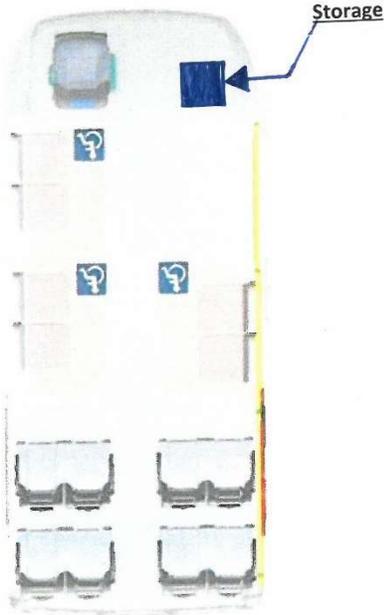
REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

Class D and E, Ten Fixed Seats, Two Wheelchair Position



REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

Class F and G, Eight Fixed Seats, Three Wheelchair Positions



5 ADDITIONAL REQUIREMENTS APPLICABLE TO ALL VEHICLES

5.1 Summary of Items To Be Provided Upon Delivery

The following items shall be furnished by the successful Vendor upon delivery of the vehicle:

- a. All warranty verification vouchers, certificates or coupons.
- b. Supply two (2) sets of the following manuals, per model year, for each transit authority that receives vehicles:

Two (2) complete parts books

Two (2) maintenance manuals

Including wiring schematics of auxiliary circuits and all other necessary prints for the maintenance of the vehicle and

One (1) OEM operations manual

For other agencies receiving vehicles, the successful bidder shall supply one (1) copy of each mentioned per vehicle.

- c. Completely filled fuel tank or tanks.
- d. Protection to 20° F below zero with permanent type antifreeze.
- e. A vehicle(s) free of dealer signs and emblems.
- f. Assurance of compliance with manufacturer's pre-delivery service.
- g. A vehicle(s) which is clean, (If delivery of the vehicle occurs during the winter months of October through March, the vehicle shall be washed directly prior to delivery at Kanawha Valley Regional Transportation Authority to ensure that the vehicle is free of dirt and salt deposits) lubricated, serviced and ready for immediate service.
- h. Operation, maintenance and warranty information for any add on equipment will be provided upon delivery if available to the Vendor.
- i. Original vehicle chassis manufacturer's factory sticker itemizing equipment on the vehicle.
- j. A certified weight slip showing front and drive axle weights for the vehicle at its curb weight as defined in Technical Specifications.
- k. Proof of Alignment.

1. Vehicle shall comply with and conform to the State of West Virginia Motor Vehicle Inspection Law and shall have the current inspection sticker attached to the windshield.

5.2 Title

Adequate documents for securing the vehicle in the name of the Division of Public Transit shall be provided to the Division of Public Transit at least 10 working days prior to the delivery of each vehicle. The Vendor warrants that the title shall pass to the Division of Public Transit free and clear of all liens, mortgages and encumbrances, financing statements, security agreements, claims and demands of any character.

According to WV State Code §5A-3-4(8), vendor agrees that liquidated damages shall be imposed at the rate of \$10 per calendar day for failure to provide the titling documentation at the time of vehicle delivery. This clause shall in no way be considered exclusive and shall not limit the State or agency's right to pursue any other additional remedy to which the State or agency may have legal cause for action including further damages against the vendor.

All documentation (Certificate of Origin, Delivery/Odometer Statement, Etc.) in original form must be mailed or hand carried to:

WV Division of Public Transit
1900 Kanawha Blvd., East
Building 5, Room 663
Charleston, WV 25305

5.3 QUALITY ASSURANCE

5.3.1 QUALITY ASSURANCE ORGANIZATION

The Vendor shall establish and maintain an effective quality assurance organization. It shall be a specifically defined organization and should respond directly to the Vendor's management. The Vendor's complete quality assurance program for purchased components and in-plant inspection procedures shall be available for review by the Division of Public Transit prior to award.

Control

The quality assurance organization shall exercise quality control over all phases of production from initiation of design through manufacture and preparation for delivery. The organization shall also control the quality of supplied articles.

Authority and Responsibility

The quality assurance organization shall have the authority and responsibility for reliability, quality control, inspection planning, establishment of the quality control system, and acceptance/rejection of materials and manufactured articles in the production of the vehicles.

5.3.2 QUALITY ASSURANCE ORGANIZATION FUNCTIONS

The quality assurance organization shall include the following minimum functions.

Work Instructions

The quality assurance organization shall verify inspection operation instructions to ascertain that the manufactured product meets all prescribed requirements.

Records Maintenance

The quality assurance organization shall maintain and use records and data essential to the effective operation of its program. These records and data shall be available for review by the resident inspectors. Inspection and test records for this procurement shall be available for a minimum of one (1) year after inspections and test are completed.

Corrective Actions

The quality assurance organization shall detect and promptly assure correction of Any condition that may result in the production of defective vehicles. These conditions may occur in designs, purchases, manufacture, tests, or operations that culminate in defective supplies, facilities, technical data, or standards.

5.3.3 STANDARDS AND FACILITIES

Configuration Control

The Vendor shall maintain drawings and other documentation that completely describe a quality vehicle that meets all of the options and special requirements of this procurement. The quality assurance organization shall verify that each vehicle is manufactured in accordance with these controlled drawings and documentation.

Measuring and Testing Facilities

The Vendor shall provide and maintain the necessary gauges and other measuring and testing devices for use by the quality assurance organization to verify that the vehicles conform to all specification requirements. These devices shall be calibrated at established periods against certified measurement standards that have known valid

relationships to national standards.

Production Tooling as Media of Inspection

When production jigs, fixtures, tooling master patterns, and other devices are used as media of inspection, they shall be proved for accuracy at formally established intervals and adjusted, replaced, or repaired as required to maintain quality.

Equipment Use By Division of Public Transit's Inspector(s)

The Vendor's gauges and other measuring and testing devices shall be made available for use by the Division of Public Transit's inspector(s) to verify that the vehicles conform to all specification requirements. If necessary, the Vendor's personnel shall be made available to operate the devices and to verify their condition and accuracy.

5.3.4 CONTROL OF PURCHASES

The Vendor shall maintain quality control of purchases.

Supplier Control

The Vendor shall require that each supplier maintains a quality control program for the services and supplies that it provides. The Vendor's quality assurance organization shall inspect and test materials provided by suppliers for conformance to specification requirements. Materials that have been inspected, tested, and approved shall be identified as acceptable to the point of use in the manufacturing or assembly processes. Controls shall be established to prevent inadvertent use of non-conforming materials.

Purchasing Data

The Vendor shall verify that all applicable specification requirements are properly included or referenced in purchases of articles to be used on vehicles.

5.3.5 MANUFACTURING CONTROL

The Vendor shall ensure that all basic production operations, as well as all other processing and fabricating, are performed under controlled conditions, establishment of these controlled conditions shall be based on the documented work instructions, adequate production equipment, and special working environments if necessary.

Completed Items

A system for final inspection and test of completed vehicles shall be provided by the quality assurance organization. It shall measure the overall quality of each

completed vehicle.

Non-conforming Materials

The quality assurance organization shall monitor the Vendor's system for controlling non-conforming materials. The system shall include procedures for identification, segregation, and disposition.

Statistical Techniques

Statistical analysis, tests, and other quality control procedures may be used when appropriate in the quality assurance processes.

Inspection Status

A system shall be maintained by the quality assurance organization for identifying the inspection status of components and completed vehicles. Identification may include cards, tags, or other normal quality control devices.

5.3.6 INSPECTION SYSTEM

The quality assurance organization shall establish, maintain, and periodically audit a fully documented inspection system. The system shall prescribe inspection and test of materials, work in progress and completed articles. At a minimum, it shall include the following controls.

Inspection Stations

Inspection stations shall be at the best locations to provide for the work content and characteristics to be inspected. Stations shall provide the facilities and equipment to inspect structural integrity; electrical; hydraulic; through floor securements; OEM defects; coverage of the undercoating; and other components and assemblies for compliance with the design requirements.

Stations shall also be at the best locations to inspect or test characteristics before they are concealed by subsequent fabrication or assembly operations. These locations shall minimally include, as practicable, underbody structure completion, body framing completion, body prior to paint preparation, water test before interior trim and insulation installation, engine installation completion, underbody dress-up and completion, vehicle prior to final paint touch up, vehicle prior to road test, and vehicle final road test completion.

The manufacturer shall provide on its premises a suitable hoist for a complete inspection of the underside of the vehicle. **A pit is not acceptable.**

Inspection Personnel

Sufficiently trained inspectors shall be used to ensure that all materials, components, and assemblies are inspected for conformance with the qualified vehicle design.

Inspection Records

Acceptance, rework, or rejection identification shall be attached to inspected articles. Articles that have been accepted as a result of approved materials review actions shall be identified. Articles that have been reworked to specified drawing configurations shall not require special identification. Articles rejected as unsuitable or scrap shall be plainly marked and controlled to prevent installation on the vehicle. Articles that become obsolete as a result of engineering changes for other actions shall be controlled to prevent unauthorized assembly or installation. Unusable articles shall be isolated and then scrapped.

Discrepancies noted by the Vendor or Division of Public Transit's inspector during assembly shall be entered by the inspection personnel on a record that accompanies the major component, subassembly, or vehicle from start of assembly through final inspection. Actions shall be taken to correct discrepancies or deficiencies in the manufacturing processes, procedures, or other conditions that cause articles to be in nonconformity with the requirements of the contract specifications. The inspection personnel shall verify the corrective actions and mark the discrepancy record. If discrepancies cannot be corrected by replacing the non-conforming materials, the Division of Public Transit shall approve the modification, repair, or method of correction to the extent that the contract specifications are affected.

Quality Assurance Audits

The quality assurance organization shall establish and maintain a quality control audit program. Records of this program shall be subject to review by the Division of Public Transit.

Division of Public Transit's Inspector(s)

The Division of Public Transit may be represented at the Vendor's plant by their inspectors, they shall monitor, in the Vendor's plant, the manufacture of vehicles built under this procurement. The Division of Public Transit's inspectors shall be authorized to release the vehicles for delivery. Upon request to the quality assurance supervisor, inspectors shall have access to the Vendor's quality assurance files related to this procurement. These files shall include drawings, material standards, parts lists, inspection processing and reports, and records of defects. The presence of these inspectors in the plant shall not relieve the Vendor of its responsibility to meet all of the requirements of this procurement.

The Division of Public Transit's inspectors shall not have the authority to stop the Vendor's production line until any apparent problem area of major significance that arises to warrant such actions is fully discussed with the Vendor's top management.

5.4 SERVICE AND PARTS

The Vendor shall state on **Bid Form #1** the representative(s) responsible for assisting the Recipient Agencies, as well as, the location of the nearest distribution center(s) which shall furnish a complete supply of parts and components for the repairs and maintenance of the vehicles to be supplied.

5.5 Materials and Workmanship

- a. Vendor shall incorporate in the proposed vehicle(s) the latest technological achievements consistent to achieving maximum service life and superior attractiveness of appearance.
- b. Vehicle(s) shall be delivered in new, first-class condition, complete and ready for operation on the street and the Vendor shall assume all responsibility and liability incident to said delivery.
- c. All materials used in the construction of vehicle(s) and in all its parts and accessories shall conform to A.S.T.M., S.A.E., or similar associations published standards, and be of top quality.
- d. The vehicle(s) shall be built with suitable and easily accessible compartments provided for all apparatus, sound deadening insulation, wherever needed, and all operating devices so mounted as to reduce and keep all noise and vibration to an absolute minimum.
- e. Vendor shall assume responsibility for all material and accessories used in vehicle(s) and their proper installation and their warranty, whether the same is manufactured by the Vendor or purchased ready-made from a source outside the Vendor's company.

5.6 Spare Parts – The Vendor shall guarantee the availability of replacement parts for these vehicles for at least a seven (7) year period after the date of acceptance. Spare parts shall be interchangeable with the original equipment and shall be manufactured in accordance with the quality assurance provision of this contract.

5.7 Engineers – The Vendor shall, at its own expense, have a competent engineering representative(s) available on request to assist the Recipient Agencies staff in the solution of engineering or design problems within the scope of the specifications that may arise during the warranty period.

5.8 Documents –The Vendor shall keep maintenance manuals available for a period of ten (10) years after the date of acceptance of the vehicles procured under this contract. The Vendor shall also keep parts books up to date for a period of ten (10) years. The supplied maintenance and operators’ manuals shall incorporate all equipment ordered on the vehicles covered by this procurement.

5.9 WARRANTIES

The Vendor has an obligation to ensure that the entire vehicle is covered by a warranty. The Vendor shall make every effort to assure that all obligations defined under all warranties applicable to the vehicle or any subpart of the vehicle are unfilled.

5.9.1 WARRANTY REQUIREMENTS

Warranties in this document are in addition to any statutory remedies or warranties imposed on the Vendor. Consistent with this requirement the Vendor warrants and guarantees to the Division of Public Transit each complete vehicle, and specific subsystems and components as follows:

5.9.2 Complete Vehicle

The vehicle is warranted and guaranteed to be free from defects and related defects for three (3) years or 36,000 miles, whichever comes first, beginning on the first day after the date of final acceptance of each vehicle. During this warranty period, the vehicle shall maintain its structural and functional integrity. The warranty is based on regular operation of the vehicle under the operating conditions prevailing in the Recipient Agencies locales.

5.9.3 Warranty of Basic Vehicle Structure

The Vendor shall warranty the frame and suspension members for three (3) years or 36,000 miles, whichever comes first. This warranty shall not cover air bags, leveling valves, springs or other normal wearing parts. The Vendor is not liable for warranty if the Recipient Agencies voids the warranty as outlined in this Section. If the frame or suspension fails or shows indication of imminent failure, the Recipient Agencies will immediately notify the Vendor of said defect. Within ten (10) calendar days the Vendor will inform the Recipient Agencies on how the Vendor will repair the vehicle. Repair of frame and suspension failures will be the responsibility of the Vendor. Within fifteen (15) calendar days from notification of the defect the Vendor shall begin the repair of the frame and suspension defects. If the vehicle with the reported frame and suspension defect is out of revenue service for more than twenty (20) calendar days because of the reported defect, the Vendor will have to either provide a substitute vehicle of equal seating capacity with wheelchair lift (if applicable) of the same age or newer than the vehicle with the defect or directly reimburse the Recipient Agencies the cost of leasing a substitute vehicle. The maximum daily reimbursement will be \$300. The Vendor will have to

continue to provide a substitute vehicle or reimburse the Recipient Agencies until the defect is completely repaired.

5.9.4 Warranty Locations

A description of how and by whom warranty service is to be provided in four (4) areas of West Virginia is to be included in the bid proposal. The information should cover both mechanical and body work. All bidders shall provide vendors who will do the warranty of both chassis and body, including vehicle body, air conditioning and wheelchair lifts. The four warranty service areas of West Virginia include: The Northern Panhandle, Eastern Panhandle, Central West Virginia and Southern West Virginia.

5.9.5 Subsystems and Components

The subsystems and components are warranted and guaranteed to be free from defects and related defects as follows:

ENGINE:	Three (3) years or 36,000 miles, whichever comes first.
TRANSMISSION:	Three (3) years or 36,000 miles, whichever comes first.
DRIVE AXLE:	Three (3) years or 36,000 miles, whichever comes first.
BRAKE SYSTEM:	Excluding friction material, Three (3) years or 36,000 miles whichever comes first
BASIC BODY STRUCTURE INTEGRITY:	Three (3) years or 36,000 miles, whichever comes first.
AIR CONDITIONING SYSTEM:	Three (3) years or 36,000 miles
WHEELCHAIR LIFT SYSTEM:	Two (2) years
ALL ADD ON COMPONENTS:	Two (2) years, unlimited miles

5.9.6 VOIDING OF WARRANTY

The warranty shall not apply to any part or component of the vehicle that has been subject to misuse, negligence, accident, or that has been repaired or altered in any way so as to affect adversely its performance or reliability, except insofar as such repairs were in accordance with the Vendor's maintenance manuals and the

workmanship was in accordance with recognized standards of the industry. The warranty shall also be void if the Recipient Agencies fails to conduct normal inspections and scheduled preventative maintenance procedures as recommended in the Vendor's maintenance manuals.

5.9.7 EXCEPTIONS TO WARRANTY

The warranty shall not apply to scheduled maintenance items, and items such as tires and tubes, nor to items furnished by the Recipient Agencies such as radios, fare boxes and other auxiliary equipment, except insofar as such equipment may be damaged by the failure of a part or component for which the Vendor is responsible.

5.9.8 DETECTION OF DEFECTS

If the Recipient Agency detects a defect within the warranty periods defined in Section 5.10.1 of this Part, it shall promptly notify the Vendor's representative five (5) working days after receipt of notification, the Vendor's representative shall either agree that the defect is in fact covered by warranty, or reserve judgment until the subsystem or component is inspected by the Vendor's representative or is removed and examined at the Recipient Agencies property or at the Vendor's plant. At that time, the status of warranty coverage on the subsystem or component shall be mutually resolved between the Recipient Agency and the Vendor. Work necessary to affect the repairs defined in Section 5.10 of this Part shall commence within ten (10) working days after receipt of notification by the Vendor.

5.9.9 SCOPE OF WARRANTY REPAIRS

When warranty repairs are required, the Recipient Agencies and the Vendor's representative shall agree within five (5) days after notification on the most appropriate course for the repairs and the exact scope of the repairs to be performed under the warranty. If no agreement is obtained within the five (5) day period, the Recipient Agencies reserves the right to commence the repairs in accordance with Section 5.10.

5.9.10 FLEET DEFECTS

A fleet defect shall be defined as the failure of any identical items covered by the warranty and the specifications herein, and occurring in a twenty percent (20%) portion of the vehicles purchased under this contract.

The Vendor shall correct a fleet defect under the warranty provision. After correcting defect, the Vendor shall promptly undertake and complete a work program reasonably designed to prevent the occurrence of the same defect in all other vehicles purchased under this contract. The work program shall include

inspection and/or correction of the potential or defective parts in all of the vehicles purchased under this contract. The warranty on items determined to be fleet defects shall be extended for the time and/or miles of the original warranty. This extended warranty shall begin on the date of the repair/replacement for the corrected item.

5.10 REPAIR PROCEDURES

5.10.1 Repair Performance

At its option, the Division of Public Transit, or its designated representative, may require the Vendor, or its designated representative, to perform warranty covered repairs that are clearly beyond the scope of Recipient Agencies capabilities. All warranty work done by Recipient Agencies personnel will be reimbursed by the Vendor.

5.10.2 Repairs by Vendor

If the Recipient Agencies requires the Vendor to perform warranty covered repairs, the Vendor's representative must begin the work necessary to make repairs, within ten (10) working days after receiving notification of a defect from the Recipient Agencies. The Recipient Agencies shall make the vehicle available to complete repairs timely with the Vendor's repair schedule.

The Vendor will provide, at its own expense, all spare parts, tools and space required to complete repairs. At the Recipient Agencies option, the Vendor may be required to complete repairs. At the Recipient Agencies option, the Vendor may be required to remove the vehicle from Recipient Agency's property while repairs are being effected. If the vehicle is removed from Recipient Agency's property, repair procedures must be diligently pursued by the Vendor's representative.

5.10.3 Repairs by Recipient Agencies

a. Parts Used

If the Recipient Agency performs the warranty covered repairs, it shall correct or repair the defect and any related defects using Vendor specified spare parts available from its own stock or those supplied by the Vendor specifically for this repair. Monthly, or at a period to be mutually agreed upon, reports of all repairs covered by this warranty shall be submitted by the Recipient Agency to the Vendor for reimbursement or replacement of parts. The Vendor shall provide forms for these reports.

b. Vendor Supplied Parts

The Recipient Agency may request that the Vendor supply new parts for warranty covered repairs being performed by the Recipient Agency. These parts shall be shipped prepaid to the Recipient Agency from any source selected by the Vendor within 10 (ten) working days of receipt of the request for said parts.

c. **Defective Components Return**

The Vendor may request that parts covered by the warranty be returned to the manufacturing plant. The total cost for this action shall be paid by the Vendor. Materials should be returned in accordance with Vendor's instructions.

d. **Reimbursement for Labor**

The Recipient Agencies shall be reimbursed by the Vendor for labor. The amount shall be determined by multiplying the number of man-hours actually required to correct the defect by the current per hour, straight wage rate, plus 53 percent fringe benefits, plus the cost of towing in the vehicle if such action was necessary and if the vehicle was in the normal service area.

These wage and fringe benefit rates shall not exceed the rates in effect in the Recipient Agencies service garage at the time the defect correction is made.

e. **Reimbursement for Parts**

The Recipient Agencies shall be reimbursed by the Vendor for defective parts and for parts that must be replaced to correct the defect. The reimbursement shall be at the invoice cost of the part(s) at the time of repair and shall include taxes where applicable and 10 percent handling costs.

5.10.4 WARRANTY AFTER REPLACEMENT/REPAIRS

If any component, unit, or subsystem is rebuilt or replaced by the Vendor or by the Recipient Agencies personnel, with the concurrence of the Vendor, the subsystem shall have the unexpired warranty period of the original subsystem.

6 CONTRACT AWARD

6.1 Contract Award: The Contract is intended to provide Agencies with a purchase price on all Contract Items. The Contract shall be awarded to the Vendor that provides the Contract Items meeting the required specifications for the lowest

overall total cost as shown on the Pricing Pages.

- 6.2** The Federal Transit Administration’s “Third Party Contracting Circular” (4220.1F), requires grantees (the DPT) to conduct procurements in a manner that prohibits the use of statutorily or administratively imposed In-State or local geographical preferences in the evaluation of bids or proposals, except in those cases where applicable Federal statutes expressly mandate or encourage geographic preference.

Therefore, the In-State vendor preference per West Virginia Code 5A-3-37 shall not apply to this procurement since it is partially or entirely funded with Federal Transit Administration funds.

7. PRICING PAGE

- 7.1 Pricing Pages:** Vendor should complete Exhibit A Pricing Page by listing the unit price for each vehicle class, multiplying the unit price by the estimated quantity to arrive at an extended price, and then adding the extended prices for each Class to arrive at a total. All prices quoted are to be in whole dollars and include delivery charges.
- 7.2** Exhibit A Pricing Page contains 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.
- 7.3** Vendor should electronically enter the information into the Pricing Pages through wvOASIS, if available, or as an electronic document.
- 7.4** Additional agencies, as noted, could purchase from any awarded contract resulting from this bid. Specified deliverables would be as originally advertised, competed, evaluated and awarded.

8. BID REQUIREMENTS

- 8.1** All bids must remain in effect for the life of the contract except if vehicle chassis manufacturer issues a model year chassis price increase. A request for a model year chassis price increase is the only price increase that will be considered.

Escalation Clause: In the event of a significant price increase of material or rental equipment planned for use on a public improvement project, that occurs during the time between bid submission and contract award, and that is not the fault of the Vendor, the contract sum, or contract requirements, may be equitably adjusted by change order in accordance with the procedures specified in the relevant procurement law or contract documents. A change in price is considered significant if the price of the material or rental equipment increases by 20% or more between the date of bid submission and the date of contract award. The total amount of all

change orders issued to account for price increases under this Escalation Clause may not exceed 10% of the total contract price. Any request for a price increase under this clause must be supported by price quotes included with the Vendor's bid for the materials or rental equipment for which a change is being sought; invoices showing amounts actually paid for the materials or rental equipment; and any other evidence that supports the increase request. The quotes included in the bid must be the quotes that Vendor actually relied on when submitting its bid and both the quote and the amount ultimately paid must have resulted from an arm's length transaction with an unrelated party. The Vendor must also show that the significant price increase would have been incurred if the owner had purchased the material or rental equipment directly from the supplier.

9. VENDOR QUALIFICATIONS

The Vendor must be a person, firm or corporation that:

- a. Has in operation, a manufacturing plant adequate to assure delivery of all equipment within the time specified under the contract.
- b. Has adequate engineering and service personnel, or has the capability to have such personnel, to satisfy any engineering or service problems that may arise during the warranty period.
- c. Has similar vehicles in operation in comparable service for a minimum of one (1) year. The Vendor may be required to furnish a customer list indicating the number of units and dates in service during or equal period of during the bid evaluation period in addition to the requirements under Section 10.2 of these specifications.
- d. In lieu of this requirement, certified results of a shaker test may be requested by the Division of Public Transit during the or equal period to prove the proposed vehicles to be capable of operating the service contemplated for these vehicles.
- e. Has the necessary facilities and financial resources to complete the contract in a satisfactory manner within a required time. The Division of Public Transit shall have the right to conduct a pre-award survey of each Vendor.
- f. Has completed and accurate maintenance, parts, and operators' manuals.

10. MISCELLANEOUS ITEMS TO BE SUPPLIED WITH BID

- 10.1 Federal Transit Administration (FTA) Terms and Conditions and Certifications:** Current FTA Terms and Conditions are included in this bid and must be met. Certifications for Vehicle Purchases, including Vehicle Pollution Requirements, Federal Motor Vehicle Safety Standards, Debarred Bidders, Disadvantaged Business Enterprise Manufacturers, Buy America Rolling Stock,

Restrictions on Lobbying are provided on Bid Form Pages #1 - #10. **All bid forms provided shall be properly completed and furnished by the Vendor as part of the bid. Failure to submit any of these forms shall disqualify the bid.**

10.2 Pre-Award Review – The Vendor shall submit the following items and any further items if requested.

- A. Complete mechanical description of vehicle, its construction and equipment including manufacturer's model name and/or number. Equipment to be described shall include the wheelchair lift, air conditioner, flip-up seat, and wheelchair securement system, if these items are specified herein.
- B. Proposed interior floor plans, showing detailed dimensions including the location of the wheelchair securement system and stanchions if specified.
- C. Curb weight (empty weight) and gross vehicle weight rating (GVWR) of vehicle.
- D. Samples or paint charts of available exterior paint colors and vinyl.
- E. Description of the warranties the Vendor proposes to furnish for the vehicle and for required ancillary equipment, including a listing of sites where warranty work will be performed.
- F. The location of the nearest depot which will furnish a complete supply of parts and components for the repair and maintenance of the vehicle to be supplied.
- G. Description of the undercoating/rustproofing system, including warranty to be provided.
- H. Identification of the specific location of the place of assembly in the case of a bus or the place of a conversion in the case of a converted van. If the location changes, the Vendor must notify the Division of Public Transit, in which case the Division of Public Transit reserves the right to perform an inspection similar to the pre-award inspection identified. If the results of the inspection are unsatisfactory, the Division of Public Transit may begin the contract termination process through the WV State Purchasing Division.
- I. A list of five (5) users names, addresses, and telephone numbers who have been provided similar equipment by the Vendor. If the Vendor has not provided similar equipment, the Division of Public Transit reserves the right to determine the acceptability of the equipment proposed by the Vendor.

10.3 Disadvantaged Business Enterprise (DBE)

- A. All U.S. Department of Transportation, Federal Transit Administration (FTA) assisted contracts between FTA, the Division of Public Transit, and any Vendor shall include the following language:

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

- 1) **Policy** – It is the policy of the U.S. Department of Transportation that Disadvantaged Business Enterprises (DBE) as defined in 49 CFR Part 26 that DBEs shall have the maximum opportunity to participate in the performance of contracts financed in whole or in part with federal funds under this agreement.
Consequently, the DBE requirements of 49 CFR Part 26 apply to the agreement.
- 2) **DBE Obligation** – The recipient or its Vendor agrees to ensure that DBEs as defined in 49 CFR Part 26 shall have the maximum opportunity to participate in the performance of contracts financed in whole or in part with federal funds under this agreement. Consequently, the DBE requirements of 49 CFR Part 26 apply to the agreement. In this regard, all recipients or Vendors shall take all necessary and reasonable steps in accordance with 49 CFR Part 26 to ensure that DBEs have the maximum opportunity to compete for and perform contracts.
Recipients and their Vendors shall not discriminate on the basis of race, color, national origin, or sex in the award and performance of U.S. Department of Transportation-assisted contracts.
- 3) The manufacturer of transit vehicles shall certify that it has complied with the requirements of 49 CFR Part 26 (March 4, 1999), Section 26.49, “Transit Vehicle Manufacturers”. This certification shall be submitted with responses to this solicitation on **Bid Form #3**.
- 4) The Vendor shall make good faith efforts to replace a DBE subcontractor that is unable to perform, with another DBE subcontractor.
- 5) Where the Vendor is found to have failed to exert sufficient reasonable and good faith efforts to involve DBEs in the work provided, the Division of Public Transit may declare the Vendor noncompliant and in breach of contract.
- 6) The Vendor will keep records and documents for a reasonable time following performance of this contract to indicate compliance with the Division of Public Transit DBE Program. These records and documents will be made available at reasonable times and places for inspection by any authorized representative of the Division of Public Transit and will be submitted to the Division of Public Transit upon request.
- 7) The awarded Vendor agrees to include the following assurance in every subcontract it signs relevant to this contract: The Vendor and each Third Party Subcontractor must not discriminate on the basis of race, color, national origin, or sex in the award and performance of any FTA or U.S. DOT-assisted sub-agreement, third party contract, and third party subcontract, as applicable, and the administration of its DBE program or

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

the requirements of 49 CFR Part 26.

The Vendor and each third party subcontractor must take all necessary and reasonable steps under 49 CFR Part 26 to ensure nondiscrimination in the award and administration of U.S. DOT-assisted sub-agreements, third party contracts and third party subcontracts, as applicable.

Failure by the Vendor and any of its third party contracts or third party subcontractors to carry out the requirements of this subparagraph 13.d(4)(b) is a material breach of this contract, and

The following remedies, or such other remedy as the Division of Public Transit deems appropriate, include, but are not limited to, withholding payments; assessing sanctions; liquidated damages; and/or disqualifying the Vendor from future bidding as non-responsible.

10.4 Prohibited Interest – No employee, officer, board member, agent or their family members of the Division of Public Transit may participate in the selection, award or administration of a contract supported by Federal funds if a real or apparent conflict of interest is involved. Such a conflict could arise when any of the parties mentioned above have a financial or other interest in the Vendor selected for the contract.

10.5 Civil Rights Requirements – In connection with the execution of this contract, the following requirements will apply:

- A. Nondiscrimination. In accordance with Title VI of the Civil Rights Act of 1964, As amended, 42 U.S.C. § 2000d, *et seq.*, Age Discrimination Act of 1975, as amended, 42 U.S.C. §6101, *et. seq.*, Americans With Disabilities Act of 1990, as amended, 42 U.S.C. § 12101, *et. seq.*, and Federal transit law at 49 U.S.C. §5332, as amended, the Vendor agrees that it will not discriminate against any employee or applicant for employment on the basis of race, color, religion, national origin, sex, age or disability. In addition, the Vendor agrees to comply with any other applicable Federal statutes that may be signed into law or regulations that may be promulgated.
- B. Equal Employment Opportunity. The following equal employment opportunity requirements apply to the underlying contract:
 - 1) Race, Color, Religion, National Origin, Sex, Disability, Age, Sexual Orientation, Gender Identity or Status as a Parent. In accordance with Title VI of the Civil Rights Act of 1964, as amended, 42 U.S.C. § 2000e, *et seq.*, and Federal transit laws at 49

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

U.S.C. § 5332, the Vendor agrees to comply with all applicable equal employment opportunity requirements of the U.S. Department of Labor (US DOL) regulations, “Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor,” 41 C.F.R. Parts 60 *et seq.*, (which implement Executive Order Number 11246, “Equal Employment Opportunity”, as amended by Executive Order Number 11375, “Amending Executive Order 11246 Relating to Equal Employment Opportunity,” 42 U.S.C. § 2000e note), and with any applicable Federal statutes, executive orders, regulations, and Federal policies that may in the future affect construction activities undertaken in the course of the Project. The Vendor agrees to take affirmative action to ensure that applicants are employed, and that employees are treated during their employment, without regard to their race, color, religion, national origin, sex, disability, age, sexual orientation, gender identity or status as a parent. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms or compensation; and selection for training, including apprenticeship. In addition, the Vendor agrees to comply with any implementing requirements FTA may issue.

- C. The Vendor also agrees to include these requirements in each subcontract financed in whole or in part with Federal assistance provided by FTA, modified only if necessary to identify the affected parties.

10.6 Buy America Certification – Vendor agrees to comply with 49 U.S.C. § 5323(j) and 49 CFR Part 661, which provides that Federal funds may not be obligated unless steel, iron, and manufactured products used in FTA-funded projects are produced in the United States, unless a waiver has been granted by FTA or the product is subject to a general waiver. General waivers are listed in 49 CFR 661.7 and include, microcomputer equipment, software, and small purchases (currently less than \$150,000) made with capital, operating, or planning funds. Separate requirements for rolling stock are set out at 49 CFR 661.11. Rolling stock not subject to a general waiver must be manufactured in the United States and have a 60 percent domestic content.

- A. A bidder must submit to the Division the appropriate Buy America certification on **Bid Form #4** with all bids on FTA-funded contracts, except those subject to a general waiver. **Per FTA requirements, bids that are not accompanied by a completed Buy America certification must be rejected as non-responsive.** This requirement does not apply to lower tier subcontractors.

- B. **Should the Vendor be declared responsive and low bid, pursuant to Pre-Award and Post Delivery Audit Requirements, the Division will require the Vendor to submit documentation (prior to any award) that lists:**
- 1) Component and sub-component parts of the rolling stock to be purchased identified by manufacturer of the parts, their country of origin and costs; and
 - 2) The location of the final assembly point for the rolling stock, including a description of the activities that will take place at the final assembly point and the cost of final assembly.
 - 3) The Vendor shall submit one manufacturer's Federal Motor Vehicle Safety Standards (FMVSS) self-certification sticker providing information that the vehicle quoted complies with relevant FMVSS, or Manufacturer's certified statement that the contracted vehicles will not be subject to FMVSS regulations.
 - 4) Vendor shall submit evidence that it will be capable of meeting the bid specifications.
- C. As required by the Post Delivery Audit Requirement, any successful vendor will be required to furnish the following prior to any completed vehicle being placed into service or before any payment can be made:
- 1) Actual component and sub-component parts of the rolling stock provided, identified by manufacturer of the parts, their country of origin and costs; and
 - 2) Actual location of the final assembly point for the rolling stock provided, including a description of the activities that took place at the final assembly point and the actual cost of final assembly.

10.7 Federal Regulation Changes – Vendor shall at all times comply with all applicable FTA regulations, policies, procedures and directives, including without limitation those listed directly or by reference in the Master Agreement (FTA MA(22) dated October 1, 2015) <http://www.fta.dot.gov> between the WV Department of Transportation, Division of Public Transit and FTA, as they may be amended or promulgated from time to time during the term of this contract. Vendor's failure to so comply shall constitute a material breach of this contract.

10.8 Debarment and Suspension – This contract will comply with the requirements of 2 CFR Part 180, subpart C as adopted and supplemented by U.S. DOT regulations at 2 CFR Part 1200. Vendor is required to submit **Bid Forms #6 & #7** with bid.

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

The Division will not enter into any arrangement to participate in the development or implementation of a contract with any Vendor that is debarred or suspended except as authorized by Executive Orders No. 12549, “Uniform Suspension, Debarment or Exclusion of Participant from Procurement or Non-procurement Activity,” October 13, 1994, 31 U.S.C. § 6101 note, as amended by Executive Order No. 12689, “Debarment and Suspension,” August 16, 1989, 31 U.S.C. § 6101 note, and other applicable federal laws, regulations, or guidance regarding participation with debarred or suspended Vendors.

The Division will review the U.S. GSA “System for Award Management – Lists of parties Excluded from Federal Procurement and Non-procurement Program,” <https://www.sam.gov>,

As required by U.S. DOT regulations, 2 CFR Part 1200. If the Vendor’s name is on the list, the Division cannot enter into a contract with a Vendor on the debarred list.

Should an approved Vendor have subcontracts, it is required to include similar provisions in each subcontract and review the SAM at <https://www.sam.gov>, to determine that the subcontractor is not on the debarred or suspended list.

10.9 Restrictions on Lobbying – Every Vendor who applies or bids for an award of \$100,000 or more shall file the certification of **Bid Form #9** required by 49 CFR Part 20, “New Restrictions on Lobbying.” Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. § 1352. Each tier shall also disclose the name of the registrant under the Lobbying Disclosure Act of 1995 who has made lobbying contacts on its behalf with non-Federal funds with respect to that Federal contract, grant or award covered by 31 U.S.C. §1352. Such disclosures are forwarded from tier to tier, up to the Division.

10.10 Environmental Regulations – The Vendor agrees it will not use any violating facilities, will report the use of facilities placed on or likely to be placed on the U.S. EPA “List of Violating Facilities,” will report violations of use of prohibited facilities to the Division who will in turn report each violation to FTA and the appropriate EPA Regional Office and will comply with the inspection and other requirements issued pursuant to the Environmental Protection Agency (EPA) regulations (40 CFR, Part 15), which prohibits the use under nonexempt federal contracts, grants, or loans of facilities included on the EPA list of violating facilities.

10.11 Clean Air – The Vendor agrees to comply with all applicable standards, orders, or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. § 7606

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

and other requirements of the Clean Air Act, as amended, 42 U.S.C. §§ 7401 – 7671q. The Vendor agrees to report each violation to the Division and understands and agrees that the Division will, in turn, report each violation as required to FTA and the appropriate EPA Regional Office.

The Vendor also agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal assistance by FTA.

- 10.12 Clean Water** – The Vendor agrees to comply with all applicable standards, orders, or regulations issued pursuant to Section 508 of the Clean Water Act, as amended, 33 U.S.C. § 1368, and other provisions of the Clean Water Act, as amended, U.S.C. 33 §§1251 – 1377. The Vendor agrees to report each violation to the Division and understands and agrees that the Division will, in turn, report each violation as required to FTA and the appropriate EPA Regional Office.

The Vendor also agrees to include these requirements in each subcontract exceeding \$100,000 financed in whole or in part with Federal assistance provided by FTA.

- 10.13 Energy Conservation Requirements** – The Vendor agrees to comply with mandatory standards and policies relating to energy efficiency which are contained in the State Energy Conservation Plan issued in compliance with the Energy Policy and Conservation Act.

- 10.14 Contract Work Hours and Safety Standards Act** – The Vendor shall comply with Section 102 of the Contract Work Hours and Safety Standards Act (40 USC §§ 3701 *et seq.*, esp. § 3702) as supplemented by Department of Labor Regulations (29 CFR, § 5 & 29 CFR § 1926) as they involve the employment of mechanics and laborers.

- A. Overtime Requirements – No Vendor or subcontractor for any part of the contract work which may require or involve the employment of laborers or mechanics shall require or permit any such laborer or mechanic in any workweek in which he or she is employed on such work to work in excess of forty (40) hours in such workweek unless such laborer or mechanic receives compensation at a rate not less than one and one-half times the basic rate of pay for all hours worked in excess of forty (40) hours in such workweeks.
- B. Violation; Liability for Unpaid Wages; Liquidated Damages – In the event of any violation of the clause set forth in paragraph A of this section, the Vendor and any subcontractor responsible therefore shall be liable for the unpaid wages. In addition, such Vendor and subcontractor shall be liable to the United States for liquidated damages. Such liquidated damages shall be computed with respect to each individual laborer or

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

mechanic, including watchmen and guards, employed in violation of the clause set forth in paragraph A of this section, in the sum of \$10 for each calendar day on which such individual was required or permitted to work in excess of the standard workweek of forty (40) hours without payment of the overtime wages required by the clause set forth in paragraph A of this section.

- C. Withholding for Unpaid Wages and Liquidated Damages – The Division shall upon its own action or upon written request of an authorized representative of the Department of Labor withhold or cause to be withheld, from any moneys payable on account of work performed by the Vendor or subcontractor under any such contract or any other Federal contract with the same prime Vendor, or any other federally-assisted contract subject to the Contract Work Hours and Safety Standards Act, which is held by the same prime Vendor, such sums as may be determined to be necessary to satisfy any liabilities of such Vendor or subcontractor for unpaid wages and liquidated damages as provided in the clause set forth in paragraph B of this section.
- D. Subcontracts – The Vendor or subcontractor shall insert in any subcontracts the clauses set forth in this section and also a clause requiring the subcontractors to include these clauses in any lower tier subcontracts. The prime Vendor shall be responsible for compliance by any subcontractor or lower tier subcontractor with the clauses set forth in this section.
- E. Payrolls and Basic Records – Payrolls and basic records relating thereto shall be maintained by the Vendor during the course of the work and preserved for a period of three (3) years thereafter for all laborers and mechanics working at the site of the work (or under the United States Housing Act of 1937, or under the Housing Act of 1949, in the construction or development of the project). Such records shall contain the name, address, and social security number of each such worker, his or her correct classification, hourly rates of wages paid (including rates of contributions or costs anticipated for bona fide fringe benefits or cash equivalents thereof of the types described in Section 1(b) (2) (B) of the Davis-Bacon Act), daily and weekly number of hours worked, deductions made and actual wages paid. Whenever the Secretary of Labor has found under 29 CFR .5(a)(1)(iv) that the wages of any laborer or mechanic include the amount of any costs reasonably anticipated in providing benefits under a plan or program described in Section 1(b)(2)(B) of the Davis-Bacon Act, the Vendor shall maintain records which show that the commitment to provide such benefits is enforceable, that the plan or program is financially responsible, and that the plan or program has been communicated in writing to the laborers or mechanics affected, and

records which show the costs anticipated or the actual cost incurred in providing such benefits.

Vendors employing apprentices or trainees under approved programs shall maintain written evidence of the registration of apprenticeship programs and certification of the training programs, the registration of the apprentices and trainees, and the ratios and wage rates prescribed in the applicable programs.

10.15 Hold Harmless – The Vendor agrees to protect, defend, indemnify and hold the State of West Virginia, the Division, its officers, employees and agents free and harmless from and against any and all losses, penalties, damages, settlements, costs, charges, professional fees or other expenses or liabilities of every kind and character arising out of or relating to any and all claims, liens, demands, obligations, actions, proceedings or causes of action of every kind and character in connection with or arising directly or indirectly out of this Contract and/or the performance hereof. Without limiting the generality of the foregoing, and all such claims, etc., relating to personal injury, infringement of any patent, trademark, copyright (or application for any thereof) or of any other tangible or intangible personal or property right, or actual or alleged violation of any applicable statute, ordinance, administrative order, rule or regulation, or decrees of any court, shall be included in the indemnity hereunder. The Vendor further agrees to investigate, handle, respond to, provide defense for and defend any such claims, etc., at his/her sole expense and agrees to bear all other costs and expenses related thereto, even if such claim is groundless, false or fraudulent.

10.16 Program Fraud and False or Fraudulent Statements and Related Acts

The Vendor acknowledges that the provisions of the Program Fraud Civil Remedies Act of 1986, as amended 31 U.S.C. §§ 3801 *et seq.* and U.S. Department of Transportation regulations, “Program Fraud Civil Remedies,” 49 C.F.R. Part 31, apply to its actions pertaining to this Contract. Upon execution of the underlying contract, the Vendor certifies or affirms the truthfulness and accuracy of any statement it has made, it makes, it may make, or causes to be made, pertaining to the underlying contract or the FTA assisted project for which this Contract work is being performed. In addition to other penalties that may be applicable, the Vendor further acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification, the Federal Government reserves the right to impose the penalties of the Program Fraud Civil Remedies Act of 1986 on the Vendor to the extent the Federal Government deems appropriate.

The Vendor also acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification to the Federal Government under a contract connected with a project that is financed in whole or in part with Federal assistance originally awarded by FTA under the

authority of 49 U.S.C. § 5307, the Government reserves the right to impose the penalties of 18 U.S.C. § 1001 and 49 U.S.C. § 5307(n)(1) on the Vendor, to the extent the Federal Government deems appropriate.

The Vendor agrees to include the above two clauses in each subcontract financed in whole or in part with Federal assistance provided by FTA. It is further agreed that the clauses shall not be modified, except to identify the subcontractor who will be subject to the provisions.

10.17 Incorporation of FTA Terms

The preceding provisions include, in part, certain Standard Terms and Conditions required by the U.S. Department of Transportation, whether or not expressly set forth in the preceding Contract provisions. All contractual provisions required by DOT, as set forth in FTA Circular 4220.1F, dated November 1, 2008, and are hereby incorporated by reference. Anything to the contrary herein notwithstanding, all FTA mandated terms shall be deemed to control in the event of a conflict with other provisions contained in this Contract. The Vendor shall not perform any act, fail to perform any act, or refuse to comply with any DPT requests which would cause DPT to be in violation of the FTA terms and conditions.

10.18 Access to Records

The Vendor agrees to permit DPT, the Secretary of the US DOT and the Comptroller General of the United States, or their authorized representatives, to inspect all Contract work, materials, payrolls and other data and records with regard to the Contract. The Vendor also agrees to permit an audit of the books, records, and accounts of the Vendor and its subcontractors.

10.19 Accessibility

Vendor agrees that any vehicles provided shall be in accordance with the 42 U.S.C. Sections 12101 *et seq.*, and US DOT regulations, “Transportation Services for Individuals with Disabilities Act (ADA),” 49 CFR Part 37; and Joint U.S. Architectural and Transportation Barriers Compliance Board (U.S. ATBCB) and U.S. DOT regulations, “Americans with Disabilities (ADA) Accessibility Specifications for Transportation Vehicles,” 36 CFR Part 1192 and 49 CFR Part 38.

10.20 Air Pollution and Fuel Economy

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

Vendor is to ensure compliance with applicable Federal air pollution control and fuel economy regulations, such as EPA regulations, “Control of Air Pollution from Mobile Sources,” 40 CFR Part 85; EPA regulations, “Control of Emissions from New and In-Use Vehicles,” 40 CFR Part 86; and EPA regulations, “Fuel Economy and Greenhouse Gas Exhaust Emissions of Motor Vehicles” 40 CFR Part 600.

10.21 Bid Protest Procedures

Vendors have the option of protesting certain decisions made by the Purchasing Division. Please refer to the following link for Vendor Protest Procedures under Section 6.8.

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

10.22 Appeals to the Federal Transit Administration (FTA)

Under the Federal Transit Administration’s Circular 4220.1F, the Federal Transit Administration’s (FTA’s) appeals process for reviewing protests of a recipient’s procurement decisions are:

- 1) Requirements for the Protester – The protester must:
 - a) Qualify as an “Interested Party” – Only an “interested party” qualifies for FTA review of its appeal. An “interested party” is a party that is an actual or prospective bidder or offeror whose direct economic interest would be affected by the award or failure to award the contract at issue.
 - i) Subcontractors – A subcontractor does not qualify as an “interested party” because it does not have a direct economic interest in the results of the procurement.
 - ii) Consortia//Joint Ventures/Partnerships/Teams – An established consortium, joint venture, partnership, or team that is an actual bidder or offeror and is acting in its entirety, would qualify as an “interested party” because it has a direct economic interest in the results of the procurement. An individual member of a consortium, joint venture, partnership, or team, acting solely in its individual capacity, does not qualify as an “interested party” because it does not have a direct economic interest in the results of the procurement.
 - iii) Associations or Organizations – An association or organization that does not perform contracts does not qualify as an “interested party” because it does not have a direct economic interest in the results of the procurement.

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

- b) Exhaust Administrative Remedies – The protester must exhaust its administrative remedies by pursuing the WV Purchasing Division protest procedures to completion before appealing their decision to FTA.
 - c) Appeal Within Five (5) Days – The protester must deliver its appeal to the FTA Regional Administrator, Region III, 1760 Market Street, Suite 500, Philadelphia, PA, 19103-4124 within five (5) working days of the date when the protester has received actual or constructive notice of the WV Purchasing Division’s final decision. Likewise, the protester must provide its appeal to the same address within five (5) working days of the date when the protester has identified other grounds for appeal to FTA. For example, other grounds for appeal include the DPT’s failure to have or failure to comply with the WV Purchasing Division’s protest procedures or failure to review the protest.
- 2) Extent of FTA Review – FTA limits its reviews of protests to:
- a) Failure of DPT to have or adhere to WV Purchasing Division written bid protest procedures, or failure of DPT to review a complaint or protest.
 - b) Alleged violations on other grounds are under the jurisdiction of the appropriate State or local administrative authorities.
 - c) Alleged violations of a specific Federal Law or regulation that provides an applicable complaint procedure shall be submitted and processed in accordance with that Federal Law or regulation. See, e.g., Buy America Requirements, 49 C.F.R. Part 661 (Section 661.15); Participation by Minority Business Enterprise in Department of Transportation Programs, 49 C.F.R. Section 26.89.

FTA will exercise discretionary jurisdiction over those appeals involving issues important to FTA’s overall public transportation program. FTA will refer violations of Federal law for which it does not have primary jurisdiction to the Federal authority having proper jurisdiction.

- 3) FTA Determinations to Decline Protest Reviews – FTA’s determination to decline jurisdiction over a protest does not mean that FTA approves of or agrees with WV Purchasing Division’s decision or that FTA has determined the contract is eligible for Federal participation. FTA’s determination means only that FTA does not consider the issues presented to be sufficiently important to FTA’s overall program that FTA considers a review to be required.

11. ORDERING AND PAYMENT TO VENDOR

11.1 ORDERING:

Vendor shall accept orders by regular mail, facsimile, e-mail, or any other written forms of communication.

11.2 Payment When submitting invoices for payment to the Division of Public Transit, the Vendor shall be required to provide an original typed invoice. The following items shall appear on the invoice:

- 1) Vendor's Federal Employee Identification Number (FEIN)
- 2) Order number
- 3) Invoice should reflect the base vehicle cost and any applicable options With unite cost. **NOTE: Two invoices shall be submitted for each vehicle , one for 90% and one for 10%.**
- 4) Submit all invoices to:
**Division of Public Transit
Building 5, Room 650**

**1900 Kanawha Blvd., East
Charleston, West Virginia 25305**

- 11.2.1** Payment of 90% of the total cost shall be paid upon conditional acceptance of the vehicle(s).
- 11.2.2** Conditional acceptance of the vehicle(s) by the Division of Public Transit shall be made upon completion of inspection by the Division of Public Transit under Section 17 of this RFQ.
- 11.2.3** Under the conditional acceptance of the vehicle(s) provided, the Division of Public Transit shall retain 10% of the total cost per vehicle until all vehicles provided have been in actual service for thirty (30) days.
- 11.2.4** In the event any vehicle is found to be unacceptable during the thirty (30) day period of conditional acceptance, the Division of Public Transit shall furnish to the Vendor, in writing, a letter of non- acceptance detailing any and all deficiencies.
- 11.2.5** Final acceptance on each vehicle shall be made by the Division of Public Transit in writing upon completion of the period of conditional acceptance and/or after any and all deficiencies have been corrected.
- 11.2.6** Final acceptance shall be made on each individual vehicle provided. (Some vehicles may be accepted, while acceptance of others remains pending.)
- 11.2.7** Final acceptance of each vehicle shall be provided in writing by the Director of the Division of Public Transit or his/her authorized representative.
- 11.2.8** All warranties as described in this contract shall begin with the first day after the date of final acceptance of each vehicle. **Vendor shall furnish Notification of Delayed Delivery Date of In-Transit Mileage Accumulation Forms for completion by the Division of Public Transit upon acceptance of the vehicle.**
- 11.2.9** Prompt Payment – The prime Vendor agrees to pay each sub-contractor under this prime contract for satisfactory performance of its contract no later than fifteen (15) days from the receipt of each payment the prime Vendor receives from the Division of Public Transit. The Vendor agrees further to return retainage payments to each sub-contractor within fifteen (15) days after the sub-contractor’s work is satisfactorily completed. Any delay of postponement of payment from the above referenced time frame may occur only for good cause following written approval from the Division of Public Transit. This clause applies to both DBE and non-DBE

sub-contractors.

12. DELIVERY AND RETURN:

12.1 Delivery Time and Location: Vendors shall specify approximate delivery dates when submitting bids. Delivery of the vehicle shall be completed within 150 days after receipt of executed contract documents. Vendor shall ship all orders in accordance with the above schedule and shall not hold orders until a minimum delivery quantity is met.

12.2 Late Delivery: The Division must be notified in writing if delivery is delayed for any reason. The request for extension must be received by the Division of Public Transit no less than ten (10) days prior to the originally planned vehicle delivery date and must include detailed justification for the length of the time extension. 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.

12.3 Delivery shall be FOB destination to:

**Kanawha Valley Regional Transit Authority (KRT)
1550 4th Avenue,
Charleston, WV 25324**

Vendor must contact KRT 24 hours before delivery at 304-343-7594. Delivery will be accepted Monday through Friday, between 9 a.m. and 2 p.m. exclusive of State holidays.

Any delay in delivery resulting from the common carriers operations, accidents, or mechanical failures in route shall be construed as a cause beyond the Vendor's control.

However, the Vendor shall have the responsibility of releasing the vehicle to the common carrier in time to reach the delivery site under normal delivery conditions.

12.4 In case the delivery of the complete vehicle shall be necessarily delayed because of strike, Injunction, civil disturbance, government controls, or by reason of any cause or circumstances beyond the control of the Vendor, as detailed in writing by the Vendor, the term of completion of delivery shall be extended by a number of days to be determined in each instance by mutual agreement of the Division of Public

Transit and Vendor.

- 12.5** If the vehicle is delivered over-the-road, a written report shall be submitted by the driver to the Division of Public Transit listing all incidents and unusual vehicle performance during the trip.

Should any service or repair be required during delivery, a comprehensive report shall be submitted to the Executive Director of the Division of Public Transit describing the nature of the service or repair and the cause.

- 12.6** Prior to acceptance, the Vendor shall have total risk of loss of the vehicle, including any damage sustained during the Vendor's driveway operation. Drivers shall keep a maintenance log enroute and it shall be delivered to the Division of Public Transit with the vehicle.

13. ACCEPTANCE TESTS

13.1 Responsibility

Fully-documented tests shall be conducted on each production vehicle following manufacture to determine its acceptance to the Division of Public Transit. These acceptance tests shall include pre-delivery inspections and testing by the Division of Public Transit after the vehicles have been delivered.

13.2 Pre-Delivery Tests

The Vendor shall conduct acceptance tests at its plant on each vehicle following completion of manufacture and before delivery to the Division of Public Transit. These pre-delivery tests shall include visual and measured inspections, as well as testing the total vehicle operation. The tests shall be documented. Additional tests may be conducted at the Vendor's discretion to ensure that the completed vehicles have attained the desired quality and have met the requirements of Section 3: Specifications. This additional testing shall be recorded on appropriate test forms provided by the Vendor.

The pre-delivery tests will be scheduled and conducted with sufficient notice so that they may be witnessed by the resident inspectors, who may accept or reject the results of the tests. The results of pre-delivery tests, and any other tests, will be filed with the assembly inspection records for each vehicle. The under-floor equipment will be made available for inspection by the resident inspectors, using a hoist. A scaffold, or elevated platform will be provided by the Vendors to easily and safely inspect vehicle roofs. Delivery of each vehicle will require written authorization of a resident inspector. Authorization forms for the release of each vehicle for delivery will be

provided by the Vendor. An executed copy of the authorization will accompany the delivery of each vehicle.

13.3 Inspection - Visual and Measured

Visual and measured inspections shall be conducted with the vehicle in a static condition. The purpose of the inspection testing is to verify overall dimensional and weight requirements, to verify that required components are included and are ready for operation, and to verify that components and subsystems that are designed to operate with the vehicle in a static condition do function as designed.

14 Total Vehicle Operation

Total vehicle operations shall be evaluated during road tests. The purpose of the road tests is to observe and verify the operation of the vehicle as a system and to verify the functional operation of the subsystem that can be operated only while the vehicle is in motion.

Each vehicle shall be driven for a minimum of 15 miles during the road tests. Observed defects shall be recorded on the test forms. The vehicle shall be retested when defects are corrected and adjustments are made. This process shall continue until defects or required adjustments are no longer detected. Results shall be pass/fail for these vehicle operation tests.

15 Final Pre-Delivery Inspection: Prior to delivery, all vehicles must be thoroughly inspected and serviced in compliance with the manufacturer's prescribed 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 correct as necessary;
- e. Check front end alignment or four-wheel alignment, perform alignment, and balance all tires.
- f. Wash/Clean interior and exterior of vehicle. Remove all unnecessary tags, stickers (including window stickers), papers, tags, etc.
- g. Upon delivery, the vehicles fuel tanks shall be full of fuel;

- h. Affix a valid West Virginia Inspection Sticker to the windshield. The vehicle must be inspected in the month delivered.
- i. 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;
- j. 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.

16 Post-Delivery Tests

The Division of Public Transit shall within fifteen (15) calendar days of **notice from Vendor that vehicle is ready to be inspected for conditional acceptance**, proceed with its inspection of vehicle for conditional acceptance. The Division of Public Transit will conduct acceptance tests on each delivered vehicle. The purpose of these tests is to identify defects that have become apparent between the time of vehicle release and delivery to the Division of Public Transit. The post-delivery tests shall include visual inspection and vehicle operations. The road tests for total vehicle operation are similar to those conducted at the Vendor's plant. Operational deficiencies of each vehicle shall be identified and recorded.

Vehicles that fail to pass the post-delivery tests are subject to non-acceptance. The Division of Public Transit shall record details of all defects and shall notify the Vendor of non-acceptance of each vehicle within 5 days after completion of the tests.

- 17 Conditional Acceptance of Vehicle's** The vehicle shall undergo the Division of Public Transit's acceptance test. If the vehicle passes these tests, conditional acceptance of the vehicle by the Division of Public Transit occurs on the fifteenth day after delivery. Acceptance may occur earlier if the Division of Public Transit notifies the Vendor of early acceptance. If the vehicle fails these tests, it shall not be accepted until the repairs have been made.

17.1 Repairs After Non-Acceptance

The Division of Public Transit may require the Vendor, or its designated representative, to perform the repairs after non-acceptance

or the work may be done by the Transit Authority or Recipient Agency's personnel with reimbursement by the Vendor.

17.1.1 Repairs by Vendor

If the Transit Authority or Recipient Agency requires the Vendor to perform repairs after non-acceptance of the vehicle, Vendor's representative must begin work within five (5) working days after receiving notifications from the Division of Public Transit or Transit Authority of failure of acceptance tests. The Transit Authority or Recipient Agency shall make the vehicle available to complete repairs timely with the Vendor's repair schedule.

The Vendor shall provide, at its own expense, all spare parts, tools and space required to complete the repairs. At the Transit Authority or Recipient Agency's option, the Vendor may be required to remove the vehicle from their property. The repair procedure must be diligently pursued by the Vendor's representatives and the Vendor shall assume risk of loss while the vehicle is under its control.

17.1.2 Repairs by Transit Authority or Recipient Agency

- a) Parts Used. If the Transit Authority or Recipient Agency decides to perform the repairs after non-acceptance of the vehicle, it shall correct or repair the defect and any related defects using Vendor specified parts available from its own stock or those supplied by the Vendor specifically for this repair.

Monthly, or at a period to be mutually agreed upon, reports of all repairs covered by this procedure shall be submitted by the Transit Authority or Recipient Agency to the Vendor for reimbursement or replacement of parts. The Vendor shall provide forms for these reports.

- b) Vendor Supplied Parts. If the Vendor supplies parts for repairs being performed by the Transit Authority or Recipient Agency, after non-acceptance of the vehicle, these parts shall be shipped prepaid to the Transit Authority or Recipient Agency from any source selected by the Vendor within ten (10) working days after receipt of the request for said parts, provided said parts are available for shipment.
- c) Return of Defective Components. The Vendor may request that parts covered by this provision be returned to the manufacturing plant. The total cost for this action shall be paid by the Vendor.

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

- d) Reimbursement for Labor. The Transit Authority or Recipient Agency shall be reimbursed by the Vendor for labor. The amount shall be determined by multiplying the number of actual “man-hours” straight wage rate plus 53 percent fringe benefits, plus the cost of towing in the vehicle if such action was necessary. These wage and fringe benefit rates shall not exceed the rates in effect at the Transit Authority or Recipients Agency’s service garage at the time the defect correction is made.
- e) Reimbursement for Parts. The Transit Authority or Recipient Agency shall be reimbursed by the Vendor for defective parts that must be replaced to correct the defect. The reimbursement shall include taxes where applicable and ten (10) percent handling cost.

17.1.3 Delivery Payment/Risk of Loss: Standard order delivery shall be F.O.B. destination to the Agency’s designated 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.

18. VENDOR DEFAULT:

18.1 The Following shall be considered a vendor default under this Contract.

18.1.1 Failure to provide Contract Items in accordance with the requirements contained herein.

18.1.2 Failure to comply with other specifications and requirements contained herein.

18.1.3 Failure to comply with any laws, rules, and ordinances applicable to the Contract Services provided under this Contract.

18.1.4 Failure to remedy deficient performance upon request.

18.2 The Following remedies shall be available to Agency upon default.

18.2.1 Immediate cancellation of the Contract.

18.2.2 Immediate cancellation of one or more release orders issued under this Contract.

18.2.3 Any other remedies available in law or equity.

19. MISCELLANEOUS:

19.1 No Substitutions: Vendor shall supply only Vehicles as submitted in response to the Solicitation unless a contract modification is approved in accordance with the provisions contained in this Contract.

19.2 Vendor Supply: Vendor must carry sufficient inventory of the Contract Items being offered to fulfill its obligations under this Contract. By signing its bid, Vendor certifies that it can supply the Contract Items contained in its bid response.

19.3 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.

Contract Manager: Blair Taseff

Telephone Number: 440-653-0193

Fax Number: 419-836-8460

Email Address: btaseff@tescobus.com

19.4 NOTIFICATION OF FEDERAL PARTICIPATION

Federal funding for this project is being provided by the Federal Transit Administration through various CFDA grants for 80% of the project cost. CFDA grants will be specified after award.

20. REQUIRED BID FORMS

The following certifications must be properly **completed and furnished by the bidder as part of the bid**. Failure to submit any of these certifications **shall deem the bid non-responsive**.

A documentation checklist has been provided for bidder's usage.

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

BID FORM #1

REQUIRED BID FORM TO BE SUBMITTED WITH BID

Location(s) of the Technical Service Representative(s) and parts distribution center(s) closest or in the State of West Virginia.

Location(s) of the technical service representative(s).

Name: See attached list of West Virginia Service Facilities _____

Address: _____

Telephone: _____

Name: _____

Address: _____

Telephone: _____

Location(s) of parts distribution center(s).

Name: Chassis parts are available from any RAM dealer. See attached list of dealers in West Virginia _____

In addition, body and specialized parts are available from TESCO.

Address: _____

Telephone: _____

Name: Transportation Equipment Sales Corporation (TESCO) _____

Address: 6401 Seaman Rd, Oregon OH 43616 _____

Telephone: 419-836-2835 _____

BID FORM #2

**CERTIFICATION FOR AIR & WATER POLLUTION
REQUIRED BID FOR TO BE SUBMITTED WITH BID**

The Vendor certifies that the vehicles proposed:

ARE X in compliance with the regulations in 40 CFR Part 85, 40 CFR Part 86, 40 CFR Part 600, Clean Water Act and the air/water pollution criteria established by the Environmental Protection Agency of the United States Government.

ARE NOT in compliance with the regulations in 40 CFR Part 85, 40 CFR Part 86, 40 CFR Part 600, Clean Water Act and the air/water pollution criteria established by the Environmental Protection Agency of the United States Government.

10/17/22

Date



Authorized Signature

Vice-President
Title

Transportation Equipment Sales Corporation
Company Name

BID FORM #3

**DISADVANTAGED BUSINESS ENTERPRISE
VENDORS/ MANUFACTURERS CERTIFICATION**

REQUIRED BID FOR TO BE SUBMITTED WITH BID

(Check appropriate statement)

The Vendor, if a transit vehicle manufacturer, hereby certifies that it has complied with the requirements of 49 CFR Section 26.49 by submitting an annual DBE goal to the Federal Transit Administration (FTA). The goal has either been approved or not disapproved by FTA.

The Vendor, if a non-manufacturing supplier, hereby certifies that the manufacturer of the transit vehicle to be supplied has complied with the above-referenced requirement of 49 CFR Section 26.49.

10/17/22

Date


Authorized Signature

Vice-President

Title

Transportation Equipment Sales Corporation

Company Name

BID FORM #3

**DISADVANTAGED BUSINESS ENTERPRISE
VENDORS/ MANUFACTURERS CERTIFICATION**

REQUIRED BID FOR TO BE SUBMITTED WITH BID

(Check appropriate statement)

The Vendor, if a transit vehicle manufacturer, hereby certifies that it has complied with the requirements of 49 CFR Section 26.49 by submitting an annual DBE goal to the Federal Transit Administration (FTA). The goal has either been approved or not disapproved by FTA.

The Vendor, if a non-manufacturing supplier, hereby certifies that the manufacturer of the transit vehicle to be supplied has complied with the above-referenced requirement of 49 CFR Section 26.49.

10.13.22
Date


Authorized Signature

Director of Sales and Dealer Management
Title

New England Wheels, Inc.
Company Name

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

BID FORM #4

**BUY AMERICA CERTIFICATION
ROLLING STOCK
REQUIRED BID FOR TO BE SUBMITTED WITH BID**

Certificate of Compliance

The bidder or offeror hereby certifies that it will comply with the requirements of section 165(b) (3), of the Surface Transportation Assistance Act of 1982, as amended, and the applicable regulations of 49 CFR 661.11:

10/17/22

Date


Authorized Signature

Transportation Equipment Sales Corporation
Company Name

Jeff Pappas
Name

Vice-President
Title

Certificate for Non-Compliance

The bidder or offeror hereby certifies that it cannot comply with the requirements of section 165(b) (3) of the Surface Transportation Assistance Act of 1982, as amended, but may qualify for an exception to the requirement consistent with section 165(b) (2) or (b) (4) of the Surface Transportation Assistance Act, as amended, and the applicable regulations in 49 CFR 661.7.

Date

Authorized Signature

Company Name

Name

Title

REQUEST FOR QUOTATION – CRFQ DMT23*06
Low Floor Wheelchair Accessible Cutaway Bus

BID FORM #4

**BUY AMERICA CERTIFICATION
ROLLING STOCK
REQUIRED BID FOR TO BE SUBMITTED WITH BID**

Certificate of Compliance

The bidder or offeror hereby certifies that it will comply with the requirements of section 165(b) (3), of the Surface Transportation Assistance Act of 1982, as amended, and the applicable regulations of 49 CFR 661.11:

10.13.22
Date


Authorized Signature

New England Wheels, Inc.
Company Name

Judy Walcott
Name

Director of Sales and Dealer Mgmt
Title

Certificate for Non-Compliance

The bidder or offeror hereby certifies that it cannot comply with the requirements of section 165(b) (3) of the Surface Transportation Assistance Act of 1982, as amended, but may qualify for an exception to the requirement consistent with section 165(b) (2) or (b) (4) of the Surface Transportation Assistance Act, as amended, and the applicable regulations in 49 CFR 661.7.

Date

Authorized Signature

Company Name

Name

Title

BID FORM #5

**FEDERAL MOTOR VEHICLE
SAFETY STANDARDS CERTIFICATION**

REQUIRED BID FORM TO BE SUBMITTED WITH BID

The vendor hereby certifies that it shall submit, as required by Title 49 of the CFR, Part 663 - Subpart D, its self-certification information stating that the vehicle(s) will comply with the relevant Federal Motor Vehicle Safety Standards issued by the National Highway Traffic Safety Administration in Title 49 of the Code of Federal Regulations, Part 571.

10/17/22

Date



Authorized Signature

Vice-President

Title

Transportation Equipment Sales Corporation
Company Name

BID FORM #5

**FEDERAL MOTOR VEHICLE
SAFETY STANDARDS CERTIFICATION**

REQUIRED BID FORM TO BE SUBMITTED WITH BID

The vendor hereby certifies that it shall submit, as required by Title 49 of the CFR, Part 663 - Subpart D, its self-certification information stating that the vehicle(s) will comply with the relevant Federal Motor Vehicle Safety Standards issued by the National Highway Traffic Safety Administration in Title 49 of the Code of Federal Regulations, Part 571.

10.13.22

Date



Authorized Signature

Director of Sales and Dealer Management

Title

New England Wheels, Inc.

Company Name

FMVSS Compliance Summary for FrontRunner Bus By New England Wheels

Make: New England Wheels

Model: FrontRunner

Class: 15 Passenger Mini Bus

GVWR < 9350 lbs.



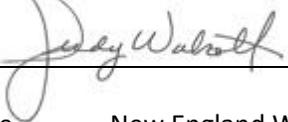
NEW ENGLAND WHEELS

Sr. No	<u>Regulation or Standard</u>	<u>Description</u>	Status A= Applicable N/A= Not Applicable PT= Pass Through	Test Facility: Report # Date:	Compliance Summary Comments
1	FMVSS Compliance Label	Final Stage Manufacturer Label	See Photos of Vehicle and diagram provided	File Name: 1_FMVSS compliance label final stage manufacturer	NA
2	Tire Loading Label		See Photos of Vehicle and diagram provided	File Name: 2_Tire Loading Label	
3	FMVSS 101	Controls and Displays	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
4	FMVSS 102	Transmission control Functions	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
5	FMVSS 103	Windshield Defrosting and Defogging	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
6	FMVSS 104	Windshield Wiping and Washing System	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
7	FMVSS 105	Hydraulic and Electric Brake Systems	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
8	FMVSS 106	Brake Hoses	A- See reports attached	Testing Facility: Stork Twin City Testing Corporation Des Moines IA Report # BRA089-07-17-07108 Date: July 29, 2009 File Name: FMVSS_106_Report_1	Added Brake hose assemblies for the wheelbase extension are compliant with CMVSS 106
9	FMVSS 108	Lighting System and Retroreflective Devices	A- See Photos of Vehicle and diagram provided	File Name: FMVSS_108_1 and FMVSS_108_2	File attached in the email
10	FMVSS 108.1	Alternative Requirements for Headlamps	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
11	FMVSS 110	Tire Selection and Rims for Motor Vehicles with a GVWR of 4536 kg or less	A	File Name : 2_Tire Loading Label	Tire loading label attached to the driver side door jamb
12	FMVSS 111	Mirrors	A	File Name: FMVSS_111_1	We do not alter any of these components
13	FMVSS 113	Hood Latch System	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
14	FMVSS 114	Theft Protection and Rollaway Prevention	NA		
15	FMVSS 115	Vehicle Identification Number	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document and file name VIN Number Location for photos.	We do not alter any of these components
16	FMVSS 116	Motor Vehicle Brake Fluids	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
17	FMVSS 118	Power Operated Window, Partition and Roof Panel Systems	N/A		
18	FMVSS 120	Tire Selection and Rims for Motor Vehicles with a GVWR of 4536 kg or less	N/A		
19	FMVSS 121	Air Brake Systems	N/A	No air brake systems installed	
20	FMVSS 122	Motorcycle Brake Systems	N/A		
21	FMVSS 123	Motorcycle Controls and Displays	N/A		
22	FMVSS 124	Accelerator Control Systems	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
23	FMVSS 126	Electronic Stability Control Systems	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
24	FMVSS 131	School Bus Pedestrian Safety Devices	N/A	Only applicable to the school bus	
25	FMVSS 135	Light Vehicle Brake Systems	N/A	Applicable to Vehicle with a GVWR of 3500 Kilograms or less, Fronrunner GVWR is 4241 Kg	
26	FMVSS 201	Occupant Protection	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
27	FMVSS 202	Head Restraints	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
28	FMVSS 203	Driver Impact Protection and Steering control System	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
29	FMVSS 204	Steering Column Rearward Displacement	N/A	This standard only applies to the vehicle with unloaded weight of less than 5500 lbs (2495 kg) Fronrunner unloaded weight is more than 5500 lbs (2495 kgs) so not applicable	

30	FMVSS 205	Glazing Materials	A	<p>1) Side and Emergency windows glasses Test Facility : Intertek, NY Job Number: 100780047 Date: June 28, 2012 File Name: FMVSS_205_Report_1</p> <p>2) Side door glass Test Facility: MPA NRW. Job Number: 410006639 Date: July 16, 2013 File Name: FMVSS_205_Report_2</p> <p>3) Side door glass Test Facility: Kraftfahrt-Bundesamt Approval No: 001606 Date: September 25, 2006 File Name: FMVSS_Report_3</p> <p>4) Supplement document- window DOT marking detail File Name: FMVSS_Report_4</p>	Pass
31	FMVSS 206	Door Locks and Door Retention Components	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
32	FMVSS 207	Anchorage of Seats	A	<p>1) Freedman Seating Test Labs Job Number: 1602AA Date: 2/25/2016 File Name: FMVSS_207_1</p> <p>2) Freedman Seating Test Labs Job Number: 1602AC Date: 2-26-2016 File Name: FMVSS_207_2</p> <p>3) Freedman Seating Test Labs Job Number: 1602AE Date: 2/25/2016 File Name: FMVSS_207_3</p>	Pass
33	FMVSS 208	Occupant Restraint Systems in Frontal Impact	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
34	FMVSS 209	Seat Belt Assemblies	A	1) Conformance certificate from Seat belt supplier for the added seat belts File Name: FMVSS_209_Report_1	
35	FMVSS 210	Seat Belt Anchorages	A	<p>1) Freedman Seat Test Labs Job Number: 1602AC Date: 2/26/2016 File Name: FMVSS_210_Report_1</p> <p>2) Freedman Seat Test Labs Job Number: 1602AA Date: 2/25/2016 File Name: FMVSS_210_Report_2</p> <p>3) Freedman Seat Test Labs Job Number: 1602AE Date: 2/25/2016 File Name: FMVSS_210_Report_3</p>	
36	FMVSS 210.1	User-ready Tether Anchorages for Restraint Systems and booster Seats	N/A		
37	FMVSS 210.2	Lower Universal Anchorage Systems for Restraint Systems and Booster Seats	A	<p>1) Freedman Seat Test Labs Job Number: 1602AB Date: 2/26/2016 File Name: FMVSS_210_2_Report_1</p>	
38	FMVSS 212	Windshield Mounting	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
39	FMVSS 213.4	Built-in Restraint Systems and Built-in Booster Seats	N/A		
40	FMVSS 214	Side Impact Protection	N/A		
41	FMVSS 215	Bumpers	N/A		
42	FMVSS 216	Roof Crush Resistance	N/A	This Standard Only applies to the vehicle with GVWR of 2722 Kilograms (6,000 pounds) or less. Frontrunner is exempt because GVWR is more than 2722 Kilograms (6,000 pounds)	
43	FMVSS 217	Bus Window Retention, Release and Emergency Exits	A	<p>1) Test Facility: Taylor Made Job No: 8252010000 Date: 4/20/2016 File Name: FMVSS_217_Report_1 and FMVSS_217_Report_2</p> <p>2) Test Facility: Ventura File Name: FMVSS_217_Report_3</p>	Pass
44	FMVSS 219	Windshield Zone Intrusion	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
45	FMVSS 220	Rollover Protection	A	<p>Test Facility: General Testing Laboratories Test No: 7353 Date: 16 Dec, 2015 File Name: FMVSS_220_Report_1</p>	Result: Passed
46	FMVSS 221	School Bus Body Joint Strength	N/A	This Standard only applies to school bus.	
47	FMVSS 222	School Bus Passenger Seating and Crash Protection	N/A		
48	FMVSS 223	Rear Impact guards	N/A		
49	FMVSS 301	Fuel System Integrity	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
50	FMVSS 301.1	LPG Fuel System Integrity	N/A	This standard only applies to LPG fuel vehicle so Frontrunner is exempt.	
51	FMVSS 301.2	CNG Fuel System Integrity	N/A	This standard only applies to CNG fuel vehicle so Frontrunner is exempt.	

52	FMVSS 301.3	Fuel System Integrity for Three-wheeled Vehicles and Motorcycles	N/A	This standard only applies to three-wheeled vehicles and Motorcycles	
53	FMVSS 302	Flammability of Interior Materials	A	<p>1) Multiple Reports for the Freedman Seating Company - File Name: FMVSS_302_Report_1 through FMVSS_302_Report_12</p> <p>2) Multiple Reports for the Altro flooring – File Name: FMVSS_302_Report_13 to 15</p> <p>3) Multiple reports for the edge trim from Trimlok File Name: FMVSS_302_Report_16 and 17</p> <p>4) Test Report for interior panel from Medallion plastics File Name: FMVSS_302_Report_18</p> <p>5) Test Report for interior FRP sheet from the sidewall supplier Vlxen Composites File Name: FMVSS_302_Report_19</p> <p>6) Test Report for the ABS wheel well from supplier File Name: FMVSS_302_Report_20</p>	
54	FMVSS 305	Electrolyte Spillage and Electrical Shock Protection	N/A		
55	FMVSS 401	Interior Trunk Release	N/A		
56	FMVSS 500	Low-speed Vehicles	N/A		
57	FMVSS 505	Vehicle Stability	N/A		
58	FMVSS 901	Axles	N/A		
59	FMVSS 903	C-dolly Specifications	N/A		
60	FMVSS 904	C-dolly Hitch Requirements	N/A		
61	FMVSS 905	Trailer Cargo Anchoring Devices	N/A		
62	FMVSS 906	Snowmobile Trailers	N/A		
63	FMVSS 1106	Noise Emissions	PT	Original Chassis OEM's certification not affected. See Incomplete Vehicle Document	We do not alter any of these components
64	FMVSS 1201	Snowmobile Standards	N/A		
65	FMVSS 1202	Snowmobile Cutters	N/A		

Date 10.13.22

Signature 

Company Name New England Wheels, Inc.

Title Director of Sales and Dealer Mgmt

BID FORM #6
U.S. Comptroller's Debarment List Certification
REQUIRED BID FOR TO BE SUBMITTED WITH BID

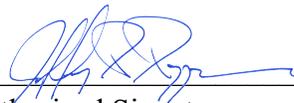
Transportation Equipment Sales Corporation hereby certifies that it

 IS or

IS NOT (specify one) included on the U.S. GSA's debarment and suspension information available at <https://www.sam.gov>.

10/17/22

Date



Authorized Signature

Vice-President

Title

Transportation Equipment Sales Corporation
Company Name

BID FORM #7

REQUIRED BID FOR TO BE SUBMITTED WITH BID

**CERTIFICATION OF PRIMARY PARTICIPANT REGARDING
DEBARMENT, SUSPENSION, AND OTHER RESPONSIBILITY MATTERS**

The Primary Participant (applicant for an FTA grant or cooperative agreement, or potential contractor for a major third party contract),

Transportation Equipment Sales Corporation (COMPANY NAME) certifies to the best of its knowledge and belief, that it and its principals:

1. Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
2. Have not within a three-year period preceding this proposal been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
3. Are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State or local) with commission of any of the offenses enumerated in paragraph (2) of this certification; and
4. Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State or local) terminated for cause or default.

If the primary participant (applicant for an FTA grant, or cooperative agreement, or potential third party contractor) is unable to certify to any of the statements in this certification, the participant shall attach an explanation to this certification.)

THE PRIMARY PARTICIPANT (APPLICANT FOR AN FTA GRANT OR COOPERATIVE AGREEMENT, OR POTENTIAL CONTRACTOR FOR A MAJOR THIRD PARTY CONTRACT),
Transportation Equipment Sales Corporation, CERTIFIES OR AFFIRMS THE TRUTHFULNESS AND ACCURACY OF THE CONTENTS OF THE STATEMENTS SUBMITTED ON OR WITH THIS CERTIFICATION AND UNDERSTANDS THAT THE PROVISIONS OF 31 U.S.C. SECTIONS 3801 ET SEQ. ARE APPLICABLE THERETO.



Signature and Title of Authorized Official Vice-President, Transportation Equipment Sales Corporation

REQUEST FOR QUOTATION
Low Floor Wheelchair Accessible Cutaway Bus

BID FORM #8
REQUIRED BID FOR TO BE SUBMITTED WITH BID

***VENDOR'S CERTIFICATION OF
UNDERSTANDING AND ACCEPTANCE***

The Vendor hereby certifies that all Technical Specifications and Contract Terms and Conditions have been carefully reviewed, are fully understood and shall be adhered to in performance and completion of any contract resulting from this bid.

10/17/22

Date



Authorized Signature

Vice-President

Title

Transportation Equipment Sales Corporation

Company Name

SPECIFICATION COMPLIANCE

NOTE: Please check if what is offered is in exact compliance with specifications. **Any discrepancies must be listed as an attachment to the bid proposal. Exact dimensions and/or descriptions must be provided as a part of the Vendor's bid proposal when submitted.**

 X Bid proposal submitted meets and/or exceeds all specification requirements.

 Bid proposal submitted contains deviations from specification requirements. Detailed descriptions of these deviations have been provided with this bid proposal.

REQUEST FOR QUOTATION
Low Floor Wheelchair Accessible Cutaway Bus

BID FORM #9
REQUIRED BID FOR TO BE SUBMITTED WITH BID

CERTIFICATION OF RESTRICTIONS ON LOBBYING

The undersigned (Vendor, Contractor) certifies, to the best of his or her knowledge and belief, that:

1. No Federal appropriated funds have been paid or will be paid by or on behalf of the undersigned, to any person for influence or attempt to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress regarding the award of a Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance, or the extension, continuation, renewal, amendment, or modification of any Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance.
2. If any funds other than Federal appropriated funds have been or will be paid to any person to influence or attempt to influence an officer or employee of any Federal agency, a Member of Congress, an officer or employee of Congress, or any employee of a Member of Congress in connection with any application for a Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance, the undersigned assures that it will complete and submit Standard Form-LLL, "Disclosure of Lobbying Activities," Rev. 7-97; and
3. The undersigned understands that the language of this certification shall be included in the award documents for all sub awards at all tiers (including subcontracts, sub grants, sub agreements. and contracts under grants, loans (including a line of credit), cooperative agreements, loan guarantees, and loan insurance.

Undersigned understands that this certification is a material representation of fact upon which reliance is placed by the Federal government and that submission of this certification is a prerequisite for providing a Federal grant, loan (including a line of credit), cooperative agreement, loan guarantee, or loan insurance for a transaction covered by 31 U.S.C. 1352. The undersigned also understands that any person who fails to file a required certification shall be subject to a civil penalty of not less than \$10,000 and not more than \$100,000 for each such failure.

The (Vendor, Contractor) Transportation Equipment Sales Corporation, certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the (Vendor, Contractor) understands and agrees that the provisions of 31 U.S.C. §§ 3801, et seq., apply to this certification and disclosure.

10/17/22
Date


Authorized Signature

Vice-President
Title

REQUEST FOR QUOTATION
Low Floor Wheelchair Accessible Cutaway Bus

BID FORM #10

REQUIRED BID DOCUMENTATION CHECKLIST

Model Year: 2023 Model: RAM Promaster 3500 with NEW Frontrunner Body

Mandatory Bid Forms – must be submitted with bid:

- Bid Form #1: Locations of Technical Service Representatives and Parts Distribution Centers
- Bid Form #2: Certification for Air & Water Pollution
- Bid Form #3: Disadvantaged Business Enterprise Vendors/Manufacturers Certification
- Bid Form #4: Buy America Certification Rolling Stock
- Bid Form #5: Federal Motor Vehicle Safety Standards Certification
- Bid Form #6: U.S. Comptroller's Debarment List Certification
- Bid Form #7: Certification of Primary Participant Regarding Debarment, Suspension, and Other Responsibility Matters
- Bid Form #8: Vendor's Certification of Understanding and Acceptance
- Bid Form #9: Certification of Restrictions on Lobbying
- Exhibit A Pricing Page

REQUEST FOR QUOTATION
Low Floor Wheelchair Accessible Cutaway Bus

Documentation – to be submitted with bid:

Referenced

- X 3.3 Engine: 3.5 Liter EcoBoost V-6 gasoline engine – provide product description, warranty information and product literature.
- X 3.6 Transmission (separate cooling system): provide product description, warranty information and product literature.
- X 3.6.4 Back Up Camera System: provide product description, warranty information and product literature.
- X 3.11 Tires: provide product description, warranty information and product literature.
- X 3.12.1 Alternator: provide product description, warranty information and product literature.
- X 3.14.19 Exterior Vinyl Colors: provide samples/chart of available colors.
- X 3.14.10 Undercoating and Rustproofing: provide product description, warranty information and literature.
- X 3.14.1 Ambulatory Passenger Entrance/Exit: provide location, size, door operating details.
- X 3.19 Floor Covering: provide samples of floor covering and colors to be provided.
- X 3.22 Seating: provide product description, warranty information, product literature and color charts for all of the seating products to be utilized. **Proposed floor plan.**
- X 3.22.1 Driver’s Seat: provide description of product.
- X 3.26 Wheelchair Securement System: provide product description, warranty information and product literature.
- X 3.27 Wheelchair Occupant Restraint System: provide product description, warranty information and product literature.
- X 3.28 Wheelchair Lift: provide Make, Model #, product description, warranty information and product literature.

REQUEST FOR QUOTATION
Low Floor Wheelchair Accessible Cutaway Bus

- X 3.29 AM/FM Radio/CD: provide product description, warranty information and product literature.
- X 3.36 Training: submit letter of understanding to the terms in this Section.

- X 3.33.5 Security Camera: provide product description, warranty information and product literature.
- X 3.32.1 Fare Box Provisions: Provide description of proposed location
- X 3.32.2 PA System: Provide product description and product literature.
- X 3.32.3 Passenger Signaling System: Provide product description and product literature.
- X 3.32.4 Destination Signs: Provide product description, warranty information and product literature.
- X 3.32.5 Strobe Light: Provide product description and product literature

- X 5.9.2 Warranty on complete vehicle.
- X 5.9.3 Warranty on Basic Vehicle Structure.
- X 5.9.5 Warranty: warranties to be provided on subsystems and components.

- X 10.2 A. Complete mechanical description of vehicle, its construction and equipment including manufacturer's model name and /or number. Include description of front and rear air conditioning and heat systems.
- X 10.2 B Proposed interior floor plans, showing detailed dimensions including the location of the wheelchair securement system and stanchions.
- X 10.2 C. Curb weight (empty weight) and gross vehicle weight rating (GVWR) of vehicle.
- X 10.2 D. Samples or paint charts of available exterior paint colors and vinyl.
- X 10.2 H. Identification of the conversion location of the van.
- X 10.2 I. A list of five (5) users names, addresses, emails and telephone numbers who

REQUEST FOR QUOTATION
Low Floor Wheelchair Accessible Cutaway Bus

have been provided similar equipment by the Vendor.

 X Addendum Acknowledgement

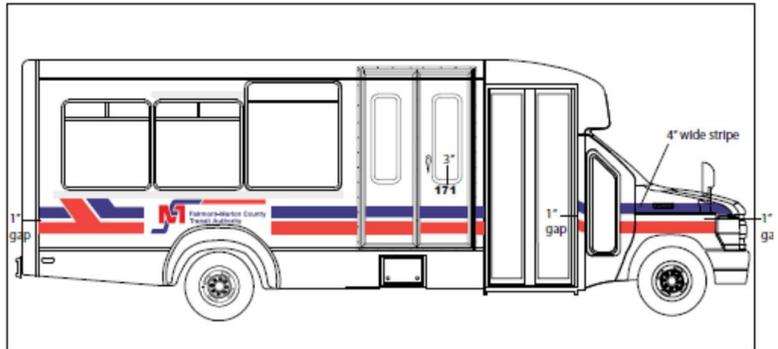
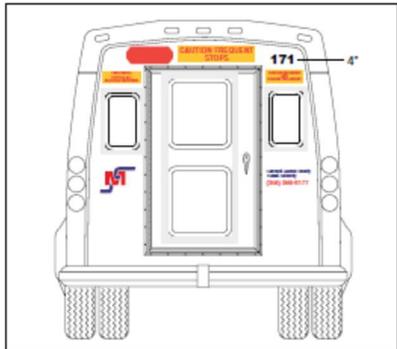
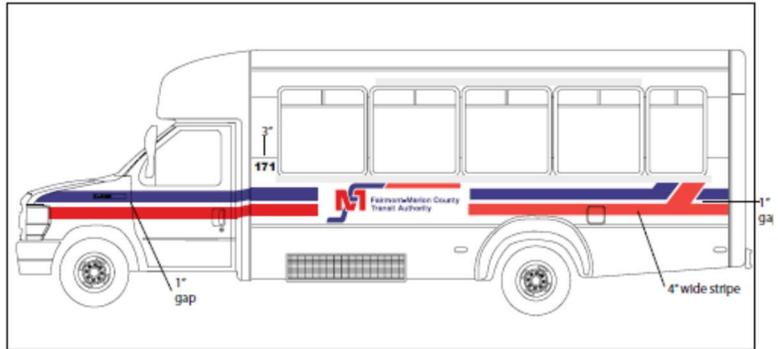
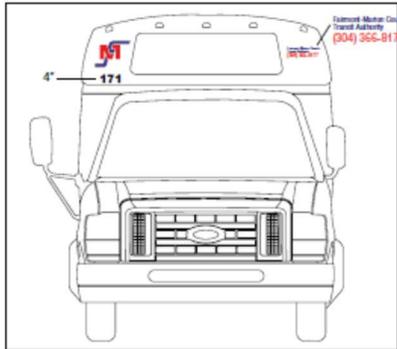
EXHIBIT B, VINYL LOGOS AND STRIPES

CENTRA



EXHIBIT B, VINYL LOGOS AND STRIPES

Fairmont-Marion County Transit Authority



* Graphic colors and placement are representative, the final product may vary. ■ 125 Wild Cardinal Red ■ 266 Patriot Blue ■ 2" White Conspicuity Tape

EXHIBIT B, VINYL LOGOS AND STRIPES

HERE & THERE TRANSIT



EXHIBIT B, VINYL LOGOS AND STRIPES

Ohio Valley Eastern Ohio Regional Transit



EXHIBIT C, EXAMPLES OF PAINT SCHEMES

Bluefield Area Transit



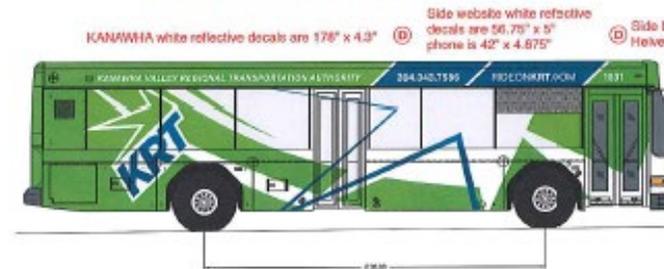
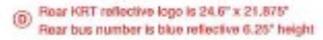
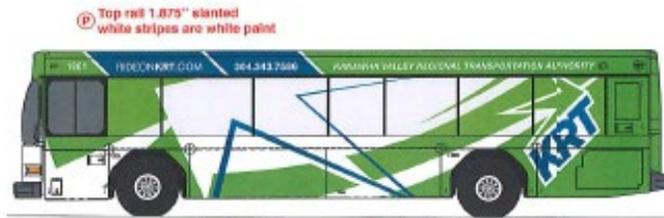
EXHIBIT C, EXAMPLES OF PAINT SCHEMES

Buckwheat Express



EXHIBIT C, EXAMPLES OF PAINT SCHEMES

Kanawha Valley Regional Transit Authority



CHARLESTON, WV

(B) Low Floor, 35 foot by 102 inches
Serial Numbers: 188534 - 188541
Bus Numbers: 1801 - 1808

Details, coloring and dimensions (1-2017)
are for visual representation of typical viewing distance.
Approved: 11/15/17

DWG: 19-0079-000

PAINT (Axalta)

White 735083-EX
Green 832135-EX
Black Gloss N0001-EX
Safety White Aervoe #307 - Hubs
Cameras painted to match scheme

Paint chip to cust: Yes NO
Sales Eng: CG Date sent: NA
Approved: Yes NO
Paint Stencil: Yes NO
Hard Soft

DECALS

White Reflective-680CR-10
Light Blue Reflective-680CR-76

The green in the KRT logos are customprinted on 680CR color matching the green paint:
Green #32135-EX
The blue in the logo is:
Light Blue Reflective-680CR-76



Approval & Acceptance

Approved by: Douglas Hartley

Title: Asst General Manager

For: KVRTK

Date: 11/15/17

Rev: 3 Date: 11-17-17

PCO: _____

EXHIBIT C, EXAMPLES OF PAINT SCHEMES

Eastern Panhandle Transit Authority

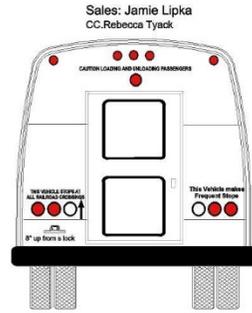


EXHIBIT C, EXAMPLES OF PAINT SCHEMES

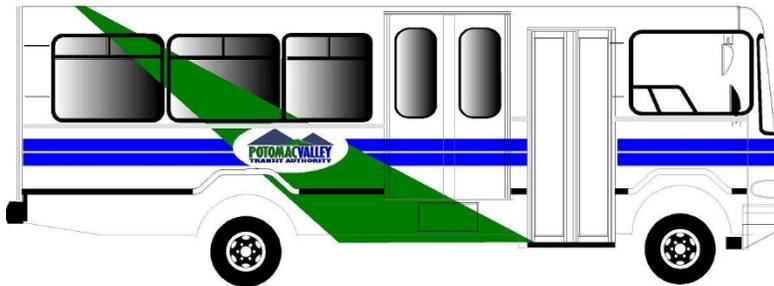
Potomac Valley Transit Authority

Paint Scheme form

Unit # _____



2" Conspicuity Tape



Vinyl Colors & Numbers

- 1.) # 140 Blue _____
- 2.) _____
- 3.) # Spectra Everglade Green _____

Customer Signature

Generic form

Robin Miller
(Graphics Dept.)

February 16,06

EXHIBIT C, EXAMPLES OF PAINT SCHEMES

Little Kanawha Transit Authority



EXHIBIT C, EXAMPLES OF PAINT SCHEMES

Tri-State Transit Authority



EXHIBIT C, EXAMPLES OF PAINT SCHEMES

Mid-Ohio Valley Transit Authority



EXHIBIT C, EXAMPLES OF PAINT SCHEMES

Tri-River Transit



EXHIBIT C, EXAMPLES OF PAINT SCHEMES

Mountain Line Transit Authority



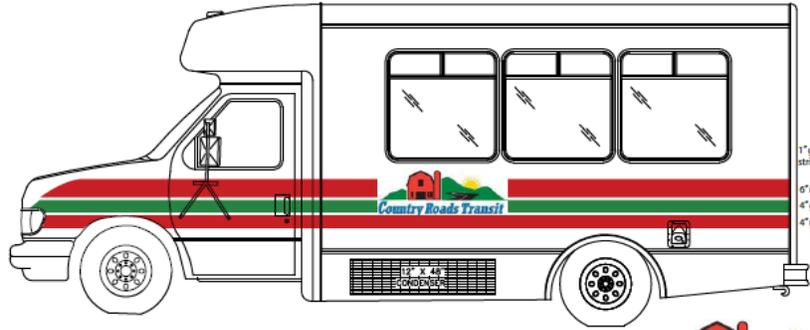
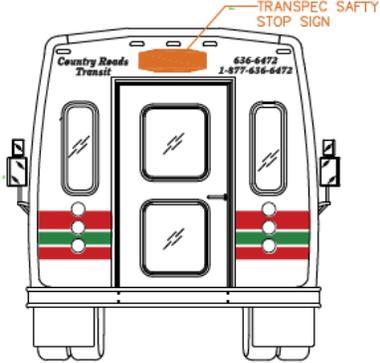
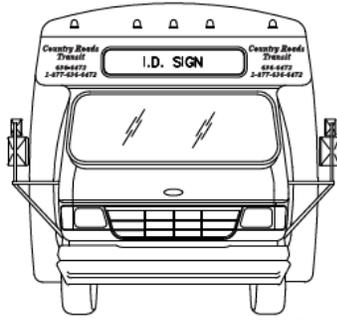
EXHIBIT C, EXAMPLES OF PAINT SCHEMES

New River Transit

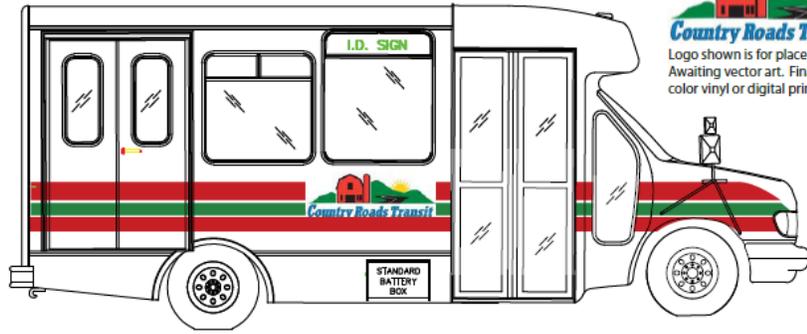


EXHIBIT C, EXAMPLES OF PAINT SCHEMES

Country Roads Transit



1" gap between stripes
6" red stripe
4" green stripe
4" red stripe



Country Roads Transit
Logo shown is for placement only. Awaiting vector art. Final output 5 color vinyl or digital print (TBD)



Country Roads Transit on GCII 158/263
Preliminary Art for Approval 6/10/13



Red Vinyl (TBD)



Green Vinyl (TBD)



Black Vinyl

5310 Logo and Striping Example



REQUEST FOR QUOTATION - CRFQ DMT23*06

LOW FLOOR WHEELCHAIR ACCESSIBLE CUTAWAY BUS

EXHIBIT A PRICING PAGE

CLASS	VEHICLE DESCRIPTION	UNIT PRICE	ESTIMATED QUANTITY	EXTENDED PRICE
A	Vehicle, Non-Accessible, Painted White	\$0.00	5	\$0.00
B	Vehicle, 12 Fixed Seats, One WC Position, Two Flip Up Seats in WC Position, 5310 Logo and Stripes with Agency Name and Phone Number	\$0.00	5	\$0.00
C	Vehicle, 12 Fixed Seats, One WC Position, Two Flip Up Seats in WC Position, Fixed Route Package, Exterior Paint Scheme	\$0.00	5	\$0.00
D	Vehicle, Ten Fixed Seats, Two WC Positions, Four Flip Up Seats in WC Position, 5310 Logo and Stripes with Agency Name and Phone Number	\$0.00	5	\$0.00
E	Vehicle, Ten Fixed Seats, Two WC Positions, Four Flip Up Seats in WC Positions, Fixed Route Package, Exterior Paint Scheme	\$0.00	5	\$0.00
F	Vehicle, Eight Fixed Seats, Three Wheelchair Positions, Six Flip Up Seats in WC Positions, 5310 Logo and Stripes with Agency Name and Phone Number	\$0.00	5	\$0.00
G	Vehicle, Eight Fixed Seats, Three Wheelchair Positions, Six Flip Up Seats in WC Positions, Fixed Route Package, Exterior Paint Scheme	\$0.00	5	\$0.00
AA	Optional On-B Oard Automatic Audio / Visual LED Display Voice Announcement System (Section 3.32.4.6 in Specifications)	\$0.00	5	\$0.00
BB	Option to Upgrade Manual Lift to Electric Ramp (Section 3.28.3 in Specifications)	\$0.00	5	\$0.00
TOTAL BID EVALUATION				\$0.00

*Complete form provided in it's entirety

***Please note these are only estimated quantiles and do not reflect any
guarantee of purchase.**

***The DPT may purchase more or less as needed**

***Please do not alter pricing page**



WVDOT

New England Wheels _ FY2022 DBE Goal

Concurrence Letter



U.S. Department
Of Transportation
**Federal Transit
Administration**

Headquarters

East Building, 5th Floor – TCR
1200 New Jersey Avenue, SE
Washington, DC 20590

August 31, 2021

Judy Walcott, DBELO
New England Wheels
33 Manning Road
Billerica, MA 01821

Re: TVM DBE Goal Concurrence/Certification Letter – Fiscal Year 2022

Dear Ms. Walcott:

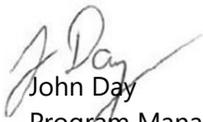
This letter is to inform you that the Federal Transit Administration's (FTA) Office of Civil Rights has received New England Wheels' Disadvantaged Business Enterprise (DBE) goal and methodology for FY 2022 for the period of October 1, 2021–September 30, 2022. This goal submission is required by the U.S. Department of Transportation's DBE regulations at 49 CFR Part 26 and must be implemented in good faith.

We have reviewed your firm's FY 2022 DBE goal and determined that it complies with DOT's DBE regulations. Your firm is eligible to bid on FTA-funded transit contracts. This letter or a copy of the TVM listing on FTA's website may be used to demonstrate your firm's compliance with DBE requirements when bidding on federally funded vehicle procurements.

FTA reserves the right to remove/suspend this concurrence if your DBE program or FY 2022 DBE goal is not implemented in good faith. In accordance with this good faith requirement, you must submit your DBE Uniform Report to FTA by December 1, 2021. This report should reflect all FTA-funded contracting activity for the second period of FY 2021 (i.e., from April 1 to September 30).

Also note that your FY 2023 DBE goal methodology must be submitted to FTA by August 1, 2022. Any significant updates to the program plan must be submitted to FTA as they occur. If you have any questions, please contact the FTA DBE Team via email at FTATVMSubmissions@dot.gov.

Sincerely,


John Day
Program Manager
Office of Civil Rights



WVDOT

Addendum 1



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

Proc Folder: 1088116		Reason for Modification:	
Doc Description: Low Floor Wheelchair Accessible Cutaway Bus		Addendum No. 1	
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2022-09-26	2022-10-04 13:30	CRFQ 0810 DMT2300000006	2

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code:

Vendor Name : Transportation Equipment Sales Corporation

Address : PO Box 167230

Street :

City : Oregon

State : OH **Country :** USA **Zip :** 43616-7230

Principal Contact : Jeff Pappas

Vendor Contact Phone: 419-836-2835 **Extension:**

FOR INFORMATION CONTACT THE BUYER

David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor
 Signature X

FEIN# 34-1029900

DATE 10/17/22

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

ADDITIONAL INFORMATION

Addendum No. 1

To provide responses to vendor questions, see attached.

Bid opening date and time remain 10/04/22, at 1:30 pm est.

No other changes.

Federal Terms and Conditions Apply

INVOICE TO**SHIP TO**PUBLIC TRANSIT DIVISION
OF
BLDG 5 RM 6631900 KANAWHA BLVD E
CHARLESTON
US

WV

PUBLIC TRANSIT DIVISION
OFKANAWHA VALLEY
REGIONAL
TRANSPORTATION
AUTHORITY1550 FOURTH AVE
CHARLESTON
US

WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Low Floor Wheelchair Accessible Cutaway Bus	0.00000	EA	Please refer to pricing matrix	

Comm Code	Manufacturer	Specification	Model #
25101502	Please refer to pricing matrix		

Extended Description:

Low Floor Wheelchair Accessible Cutaway Bus

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Vendor Technical Questions Due 11:00 am est.	2022-09-26

	Document Phase	Document Description	Page
DMT230000006	Draft	Low Floor Wheelchair Accessible Cutaway Bus	3

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions

SOLICITATION NUMBER: CRFQ DMT2300000006
Addendum Number: 1

The purpose of this addendum is to modify the solicitation identified as CRFQ DMT2200000006 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
- To respond to technical questions
- Attachment of pre-bid sign-in sheet
- Correction of error
- Other

Additional Documentation:

- 1. To respond to vendor technical questions, see attached**
- 2. Bid opening date and time remains October 4, 2022, at 1:30 pm est.**
- 4. No other changes.**

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.

CRFQ 0810 DMT 23-6

LOW FLOOR, WHEELCHAIR ACCESSIBLE CUTAWAY

QUESTIONS AND ANSWERS

Question: Section 3.19 Floor and Floor Covering: Will the Division accept Gerflor Tarabus as an approved equal?

Answer: The Division will accept Gerflor Tarabus as approved equal.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ DMT2300000006

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.

Transportation Equipment Sales Corporation (TESCO)

Company



Authorized Signature

10/17/2022

Date

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



WV DOT

Final_CRFQ_0810_DMT2300000006_2_WV_CR
FQ_FORM



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

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Doc Description: Low Floor Wheelchair Accessible Cutaway Bus		Addendum No. 1	
Proc Type: Central Master Agreement			
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 PURCHASING DIVISION
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 CHARLESTON WV 25305
 US

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City : Oregon
State : OH **Country :** USA **Zip :** 43616-7230
Principal Contact : Jeff Pappas
Vendor Contact Phone: 419-836-2835 **Extension:**

FOR INFORMATION CONTACT THE BUYER

David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X  **FEIN#** 34-1029900 **DATE** 10/17/22

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

ADDITIONAL INFORMATION

Addendum No. 1

To provide responses to vendor questions, see attached.

Bid opening date and time remain 10/04/22, at 1:30 pm est.

No other changes.

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CHARLESTON
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WV

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	Document Phase	Document Description	Page
DMT2300000006	Final	Low Floor Wheelchair Accessible Cutaway Bus	3

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WVDOT

Final_CRFQ_0810_DMT2300000006_3_WV_CR
FQ_FORM



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

Proc Folder: 1088116			Reason for Modification: Addendum No. 2
Doc Description: Low Floor Wheelchair Accessible Cutaway Bus			
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2022-09-29	2022-10-18 13:30	CRFQ 0810 DMT2300000006	3

BID RECEIVING LOCATION

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

VENDOR

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FOR INFORMATION CONTACT THE BUYER

David H Pauline
 304-558-0067
 david.h.pauline@wv.gov

Vendor Signature X  **FEIN#** 34-1029900 **DATE** 10/17/22

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

ADDITIONAL INFORMATION

Addendum No. 2

To move Bid opening date and time to 10/18/22, at 1:30 pm est.

No other changes.

Federal Terms and Conditions Apply

INVOICE TOPUBLIC TRANSIT DIVISION
OF
BLDG 5 RM 6631900 KANAWHA BLVD E
CHARLESTON WV
US**SHIP TO**PUBLIC TRANSIT DIVISION
OF
KANAWHA VALLEY
REGIONAL
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AUTHORITY1550 FOURTH AVE
CHARLESTON WV
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ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



WV DOT

03-3 through 03-12-1 2022 and 10-2c

Promaster Brochure



2022 RAM PROMASTER

DEALER ePROCESS



MANY ONE VAN. POSSIBILITIES.

What do you get when you add four cargo lengths, availability in three weight classes, two roof heights, three wheelbases, an open cargo area that can be upfitted countless ways and a new interior? One perfect cargo van for you—the 2022 Ram ProMaster®. You also get the legendary capability that's built into every Ram Truck. This is a business partner you can count on. Available in early 2022. ram.com/promaster



Shown with aftermarket upfit.

DEALER APPROCESS

A PREMIUM MOBILE WORKSPACE

7-inch Digital Cluster—Available

Leather-wrapped Steering Wheel—Available

Uconnect® 5C NAV with 10.1-inch Radio—Available

Electronic Parking Brake

Push-button Start

Steering Wheel Switch Banks

2 USB Ports—Type A and C

115-volt Outlet—Available

12-volt Charging Socket

Wireless Phone Charging Pad—Available

COMFORTABLE, ACCOMMODATING, CAPABLE. Ram ProMaster® is engineered to withstand mile after mile of rigorous work with an interior crafted to reward drivers for all the hours they clock too. This upscale interior was inspired by the available luxury in the Ram Pickups and focuses on refined appearance, next-generation technology and an even greater concentration on comfort and convenience. New interior packages bundle customer-favorite features and capabilities.

AVAILABLE CONVENIENCE PACKAGES:

- Premium R/V Group
- Premium Convenience Group
- Driver Convenience Group
- Crew Van Package



159-inch wheelbase, extended with Crew Van Package



159-inch wheelbase with Crew Van Package



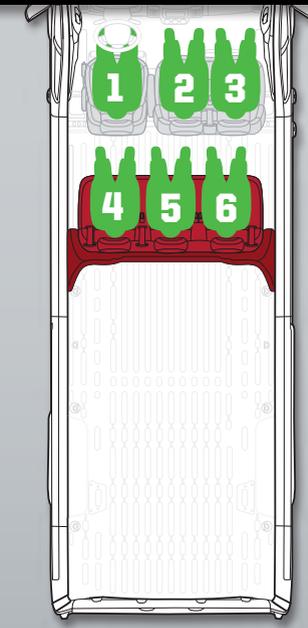
136-inch wheelbase with Crew Van Package

FILL UP WITH CREW AND CARGO



CREW VAN PACKAGE

Room to take six to the jobsite is one thing. Having enough room for passengers, their gear and materials is everything. Not only does the new available Crew Van Package have comfortable, wide, three-seat bench seating, it also features the Mopar® Crew Van Kit, driver-side second-row fixed window and passenger-side sliding door with window. With the interior designed to accommodate underseat loading, longer items easily fit. Best yet, the durable fabrication is lightweight, which results in minimum sacrifice to the payload capacity.



- Up to 6-person seating capacity
- Better cabin climate control
- Reduced cabin noise

- Secure protection from shifting cargo
- Capable volume and payload area
- Partition with window

DEALER APPROCESS

POWER AND EFFICIENCY IN ACTION

NEW NEXT-GENERATION

3.6L PENTASTAR® V6

276 HORSEPOWER WITH
250 LB-FT OF TORQUE

- 2-stage variable valve lift
- Variable Valve Timing
- Water-cooled EGR
- Electric thermostat

NEXT-GEN PENTASTAR ENGINE ENHANCEMENTS:

- Increased compression ratio 11.3:1
- Lower internal friction
- Reduced weight

NEW

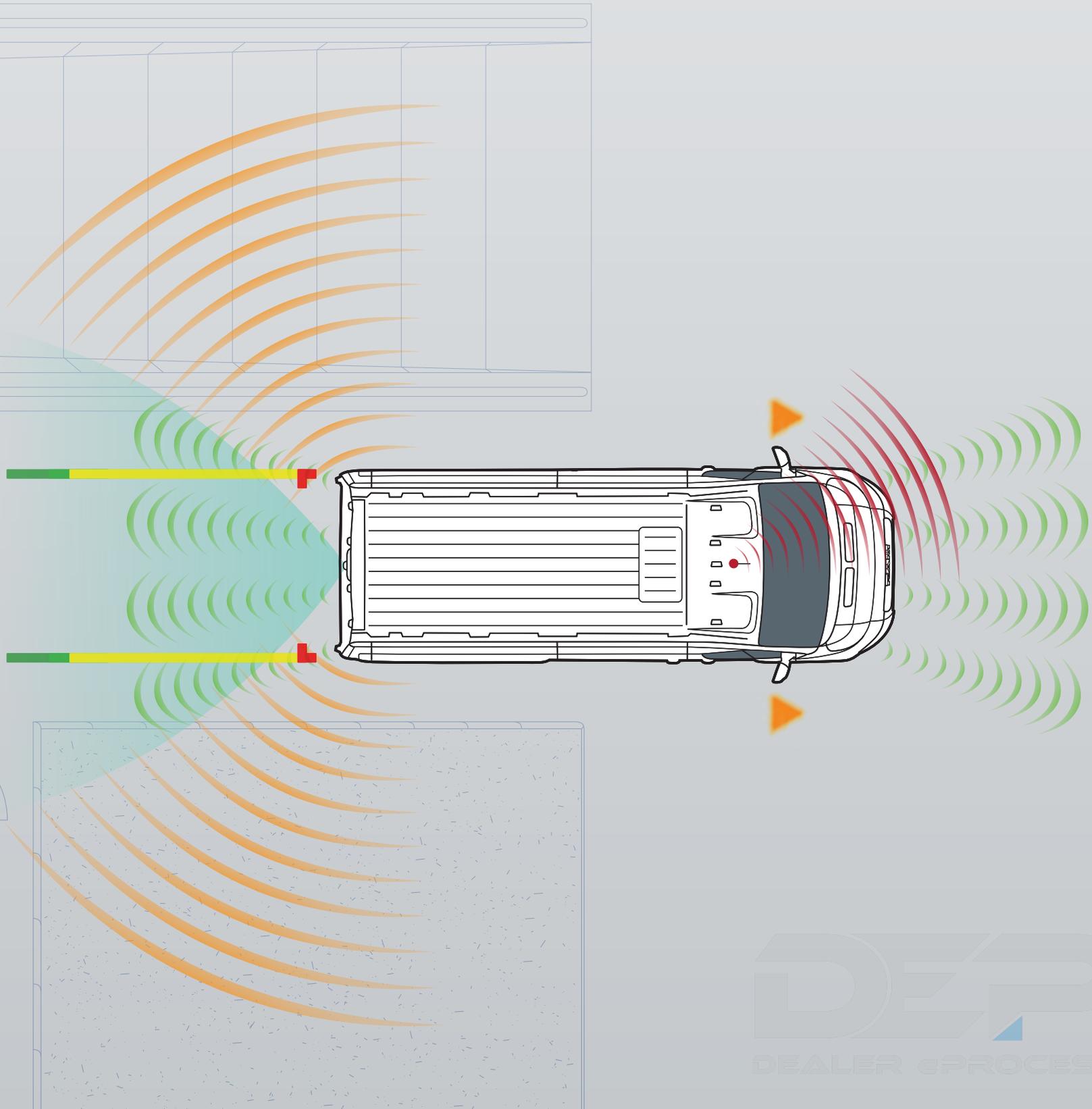
9-SPEED AUTOMATIC TRANSMISSION

- High efficiency in all gears and speeds, thanks to nested carriers, dog clutches and advanced hydraulic control unit architecture
- A wide ratio spread brings outstanding launch characteristics and smooth transfer between gears
- Short mid-range gears help to ensure quick transitions, and higher gears—7th, 8th and 9th transitions—relate to help lower engine rpm speeds



DEP
DEALER ePROCESS

MANEUVER WITH CONFIDENCE AND EASE



AVAILABLE
360° SURROUND-VIEW
CAMERA SYSTEM^{1*}



AVAILABLE PARKSENSE® FRONT AND REAR PARK ASSIST²



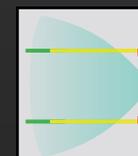
TELEMATICS BOX MODULE (TBM)



AVAILABLE BLIND SPOT MONITORING (BSM)³
WITH REAR CROSS-PATH DETECTION¹



AVAILABLE SIDE-MIRROR NOTIFICATION SIGNAL LIGHT
(part of the available Blind Spot Monitoring³
with Rear Cross-Path Detection¹)



STANDARD PARKVIEW® REAR BACK-UP CAMERA¹
WITH DYNAMIC GRID LINES

DEP
DEALER ePROCESS

*All disclosures can be found on the last page.

NO WORRIES, WE HAVE YOU COVERED

--- STANDARD ---



DROWSY-DRIVER DETECTION⁴

FULL-SPEED FORWARD COLLISION WARNING PLUS WITH PEDESTRIAN EMERGENCY BRAKING⁵

MULTI COLLISION BRAKING

TRAFFIC SIGN RECOGNITION⁶

--- AVAILABLE ---

ADAPTIVE CRUISE CONTROL WITH STOP & GO⁴

BLIND SPOT MONITORING (BSM)³ WITH REAR CROSS-PATH DETECTION¹

INTELLIGENT SPEED ASSIST



NAVIGATE CONFIDENTLY. You do your part by driving diligently and confidently. We do our part by offering a robust lineup of standard and available Safety and Security features for Ram ProMaster.[®] Standard and available passive and active safety technology can potentially lessen the severity of an impact and, in other cases, help prevent a collision from happening.

NEW AVAILABLE SAFETY AND SECURITY PACKAGES:

- LANE MANAGEMENT GROUP
- SAFETY GROUP
- ADVANCED SAFETY GROUP
- FLEET SAFETY GROUP

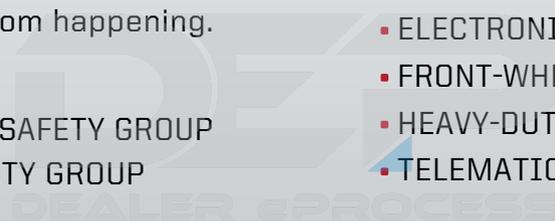
ADDITIONAL SAFETY AND SECURITY FEATURES:

STANDARD:

- CROSSWIND ASSIST
- ELECTRONIC STABILITY CONTROL (ESC)⁷
- FRONT-WHEEL DRIVE (FWD)
- HEAVY-DUTY ANTILOCK BRAKING SYSTEM (ABS)
- TELEMATICS BOX MODULE (TBM)

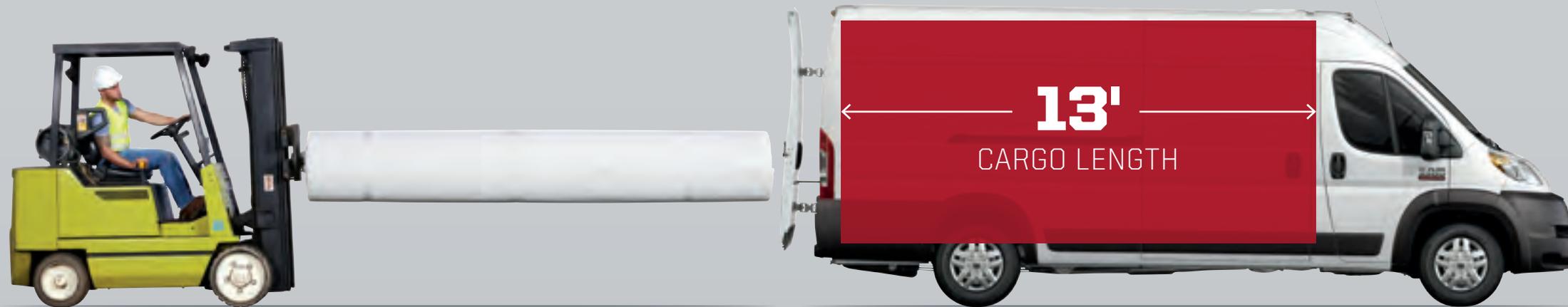
AVAILABLE:

- AUTOMATIC HEADLAMPS
- CORNERING FUNCTION FOG LAMPS
- DIGITAL REARVIEW MIRROR CAMERA
- LANE DEPARTURE WARNING PLUS⁸
- RAIN-SENSITIVE WINDSHIELD WIPERS





THE RIGHT FIT FOR YOUR BUSINESS



159-inch wheelbase, extended



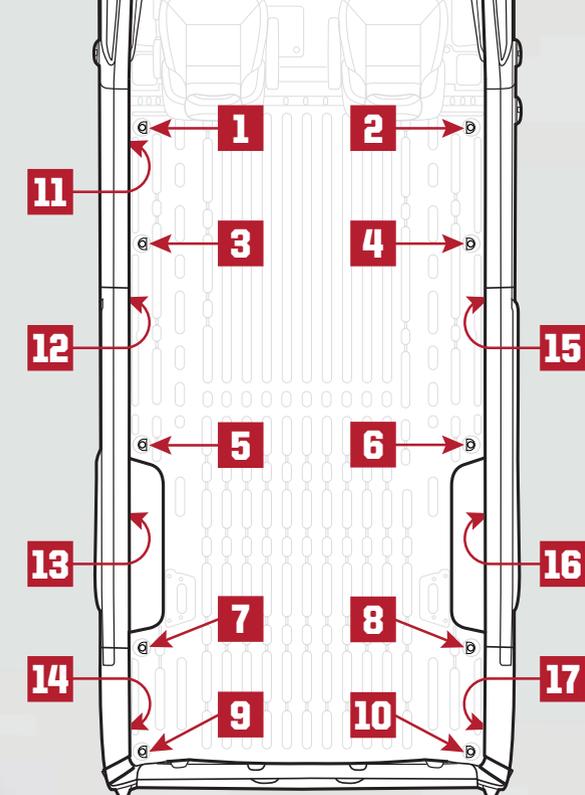
159-inch wheelbase



136-inch wheelbase



118-inch wheelbase



159-inch wheelbase, extended

UP TO 17 AVAILABLE FLOOR AND WALL CARGO TIE-DOWNS



DESIGNED TO DELIVER WITH EASE AND SAFETY

PACK IT UP AND PACK IT IN.

With up to 462.9 cu ft of cargo capacity,⁹ a 4,680-lb maximum projected payload⁹ and easy access to the cargo area, Ram ProMaster[®] makes light of heavy work.

LOW LOAD FLOOR HEIGHT.

Our Front-Wheel Drive (FWD) and robust beam axle/leaf spring rear suspension eliminate the middle hump typical of Rear-Wheel-Drive (RWD) vehicles, giving you an easy-to-load low load floor height.





Shown with aftermarket upfit.

CUSTOMIZED FOR YOUR BUSINESS

CHASSIS CAB & CUTAWAY

TOUGH UNIBODY STRENGTH AND CUSTOM BODY TREATMENT. Combine industrial-grade capability with the right upfit, and your Ram ProMaster® Chassis Cab or Cutaway is ready for the job.



Illustrated to show Cutaway.



GEAR OR PEERS, WE HAVE YOUR VEHICLE



Shown with aftermarket upfits.

DEP
DEALER ePROCESS

PROMASTER WINDOWED VAN

PEOPLE COME FIRST. Designed around the needs of people, it's available in 2500 and 3500 weight classes on the 159-inch wheelbase in your choice of two lengths. For optimum passenger comfort, the High Roof is standard.

6'4"
UPFIT
AREA
HEIGHT

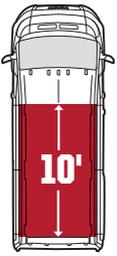
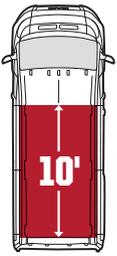
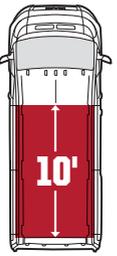
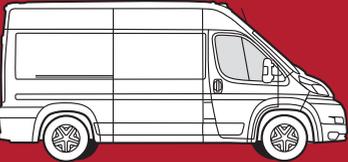
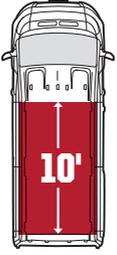
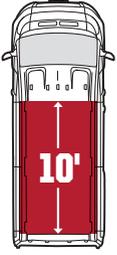
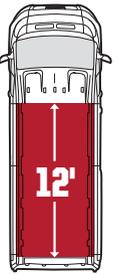
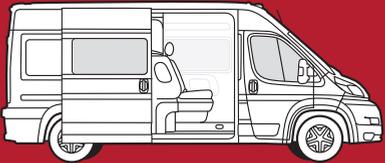
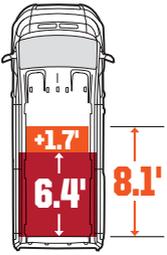
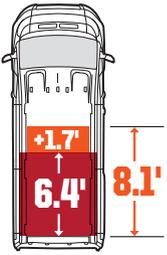
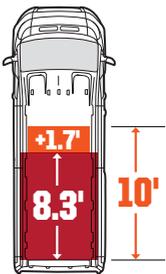
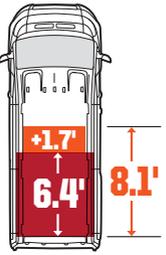
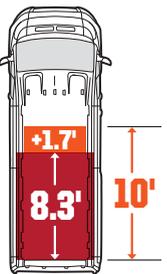
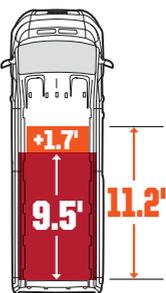
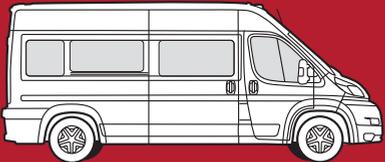
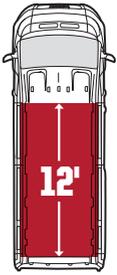
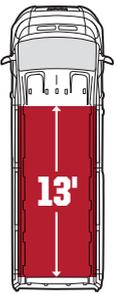
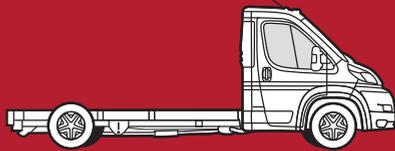
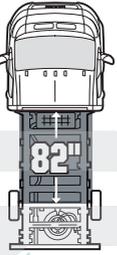
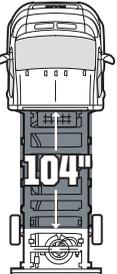
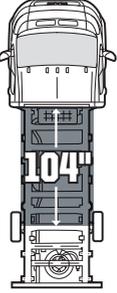


12'
UPFIT AREA LENGTH



13'
UPFIT AREA LENGTH

RAM PROMASTER® CONFIGURATIONS

	1500		2500		3500		
	118" WB	136" WB	136" WB	159" WB	136" WB	159" WB	159" WB, EXTENDED
 <p>CARGO VAN STANDARD ROOF</p>							
 <p>CARGO VAN AVAILABLE HIGH ROOF</p>							
 <p>CREW SEATING PACKAGE HIGH ROOF ONLY</p>							
 <p>WINDOWED VAN HIGH ROOF ONLY</p>							
 <p>CHASSIS CAB/CUTAWAY STANDARD ROOF ONLY</p>							

 = CARGO LENGTH AT MAX CARGO HEIGHT
 = CARGO LENGTH UNDER CREW SEATING (AT 49" WIDE)
 = CAB-TO-AXLE LENGTH
WB = WHEELBASE

1 Always check entire surroundings visually before proceeding. 2 Always look before proceeding. An electronic drive aid is not a substitute for conscientious driving. Always be aware of your surroundings. 3 Always check visually for vehicles prior to changing lanes. 4 This system is a driver convenience system, not a substitute for active driver involvement. The driver must remain aware of traffic conditions and be prepared to use the brakes to avoid collisions. 5 This system is an alert system for the front of the vehicle. It is not a substitute for active driver involvement. The driver must remain aware of traffic conditions and be prepared to use the brakes to avoid collisions. 6 Traffic Sign Recognition is not a substitute for safe and attentive driving. Factors including weather and condition of the traffic sign can impact recognition and display of the sign. Always check traffic signs visually while driving. 7 Always drive carefully, consistent with conditions. Always wear your seat belt and obey traffic laws. 8 This system is a driver convenience system, not a substitute for active driver involvement. The driver must remain aware of traffic conditions and maintain control of the vehicle. 9 When properly equipped. See dealer for details.

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About this catalog: since the time of publication, some of the information you'll find in this catalog may have been updated. Ask your dealer for details. Some of the equipment shown or described throughout this catalog may be available at extra cost. Specifications, descriptions, illustrative materials and all competitive comparisons contained herein are as accurate as known at the time this publication was approved. FCA US LLC reserves the right to discontinue models at any time or change specifications without notice or without incurring obligation. Options may be required in combination with other options. For the price of the model with the equipment you desire, or verification of specifications contained here, see your Ram dealer.



For more information, visit ram.com/promaster

Ram is a registered trademark of FCA US LLC.
74-383-2270_08/21



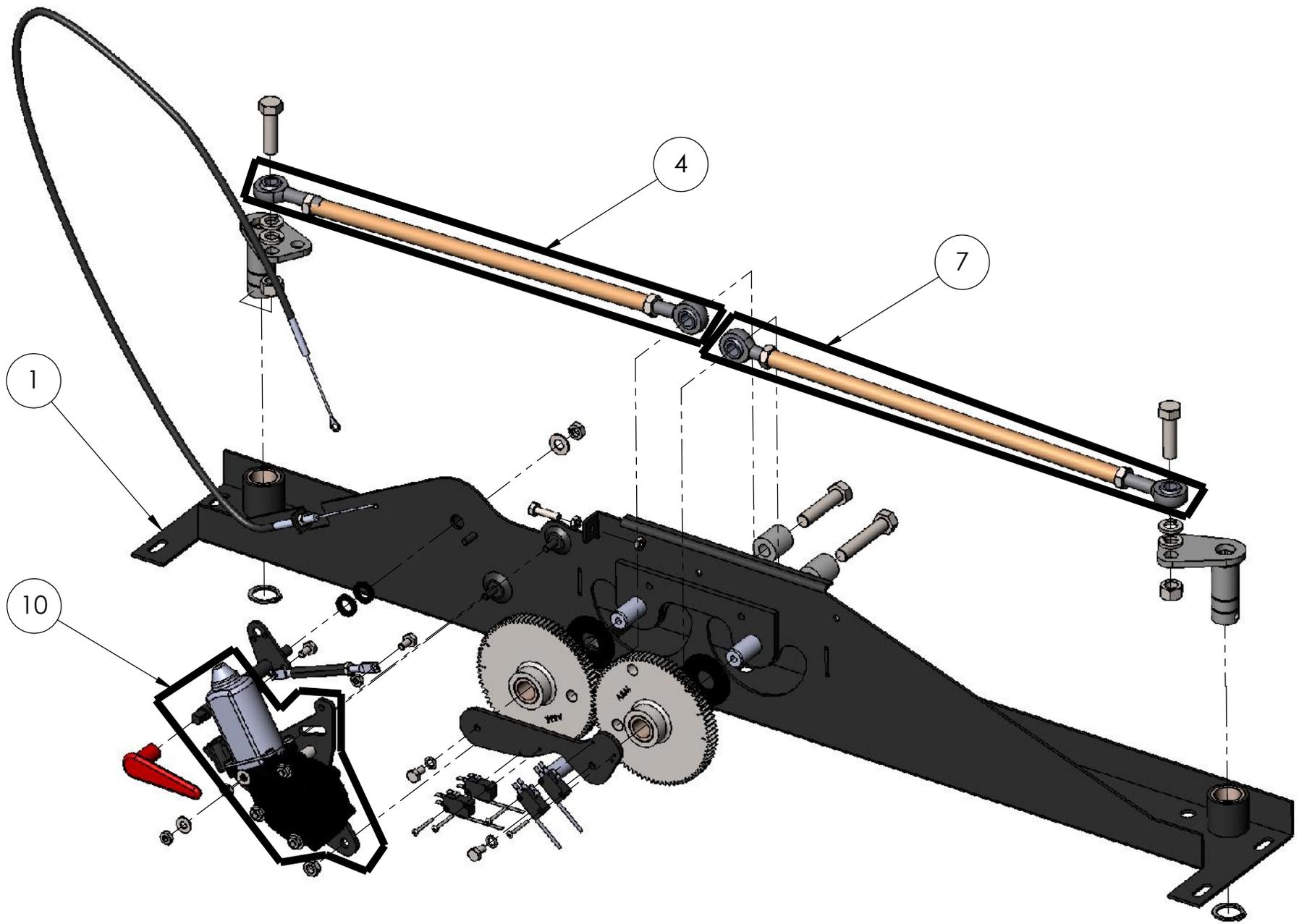
WV DOT

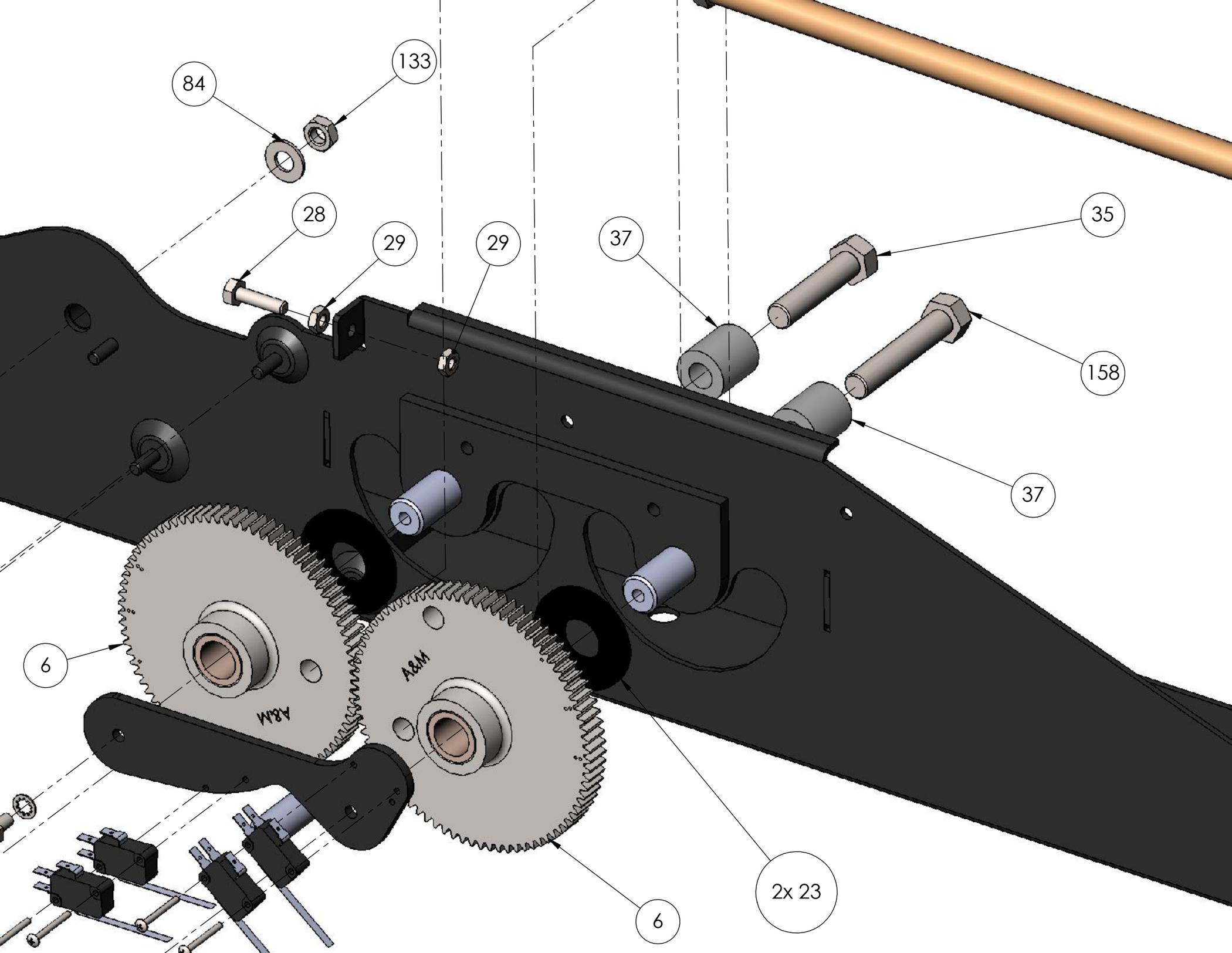
03-14-1 A & M Door

Model: 5142



Index No.	Part No.	Description	No Req'd
1	M1685-24	5142 Base plate weldment, with bushings	1
4	P100321	5142 Push-pull rod assembly, forward	1
5	P100022	Nut, 1/2-20 zinc plated	2
6	P100071	Gear, with bushing	2
7	P100325	5142 Push-pull rod assembly, aft	1
10	P100489	Motor Assembly	1
12	P100198	Bolt, hanger, 1/4 flattened end x 2"	1
13	K9129	PC board	1
14	1790	Gear stabilizer	1
18	P100027	Snap ring, (1" shaft)	2
19	P100005	Bolt, 1/2-20 x 1-3/4"	2
20	P100019	Lock washer, spring type, 1/2"	4
23	1655	ABS Washer	2
25	P100001	Bolt, 1/4-20 x 1/2"	3
28	P100003	Bolt, 1/4-20 x 1"	2
29	P100026	Nut, plain, 1/4-20	4
30	P100024	Nut, nylock, 1/4-20	2
34		Screw, 4-40	4
35	P100006	Bolt, 1/2-20 x 2-1/4"	1
36	P100047	Motor	1
37	2311	Spacer, .504" ID x 3/4" OD x 1-1/8" Lg	2
38	P100018	Washer, 1/4 SAE Flat Zinc	3
41	P100060	Switch, Long Arm	4
55	1894	Null Switch Extension	1
56	1933	Motor Mount	
59	P100315	Manual Release Handle	1
60	1957	Manual Release Shaft w/ Attachment	1
62	1767	Turnbuckle, 1/4"-20 LH, RH	1
63	P100283	Bolt, Hanger, 1/4" flattened end x 2", LH	1
64	P100284	Bolt, 1/2"-20 x 2.5"	1
77	1980	Actuator Arm, 2 in 1, Weldment	2
84	P100023	Washer, Flat, SAE, 18-8, 3/8	1
133	P100481	Nut, 3/8-16, nyloc nut, thin	2
143	1975	Cable and Conduit, 52" OAL conduit, 7x7 galvanized cable 64" OAL	1
147	1943	Washer, ABS, .8125 OD x .5 ID x .125	2
149	2184	Bolt, Carriage, Square Neck	3
150	P100649	Spacer, .257" ID x .50" D x .688", Nylon	3
151	P100531	Washer, 1/4", serrated, internal	2
158	P100344	Bolt, Hex Head, 1/2-20 x 2-3/4"	1





84

133

28

29

29

37

35

158

37

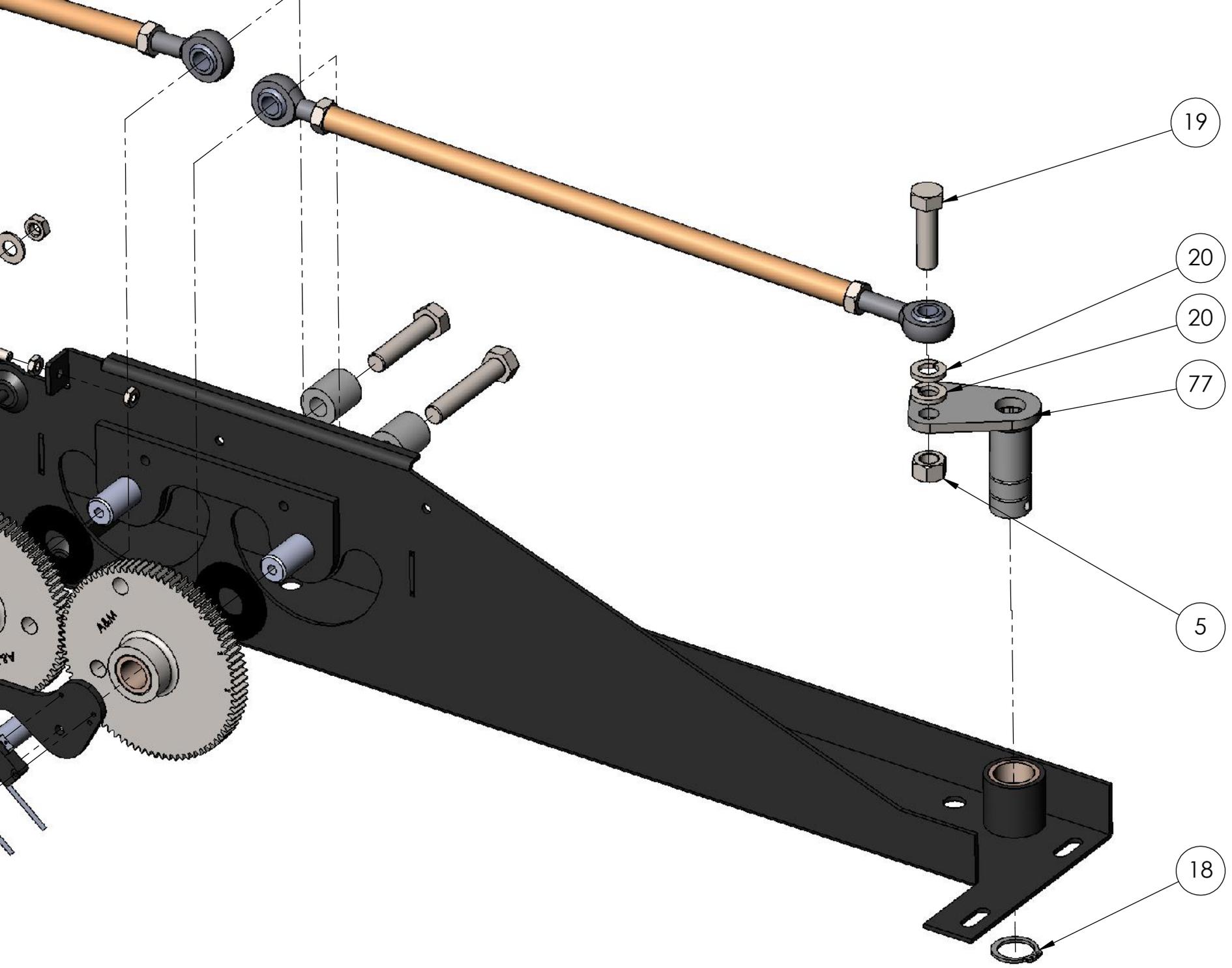
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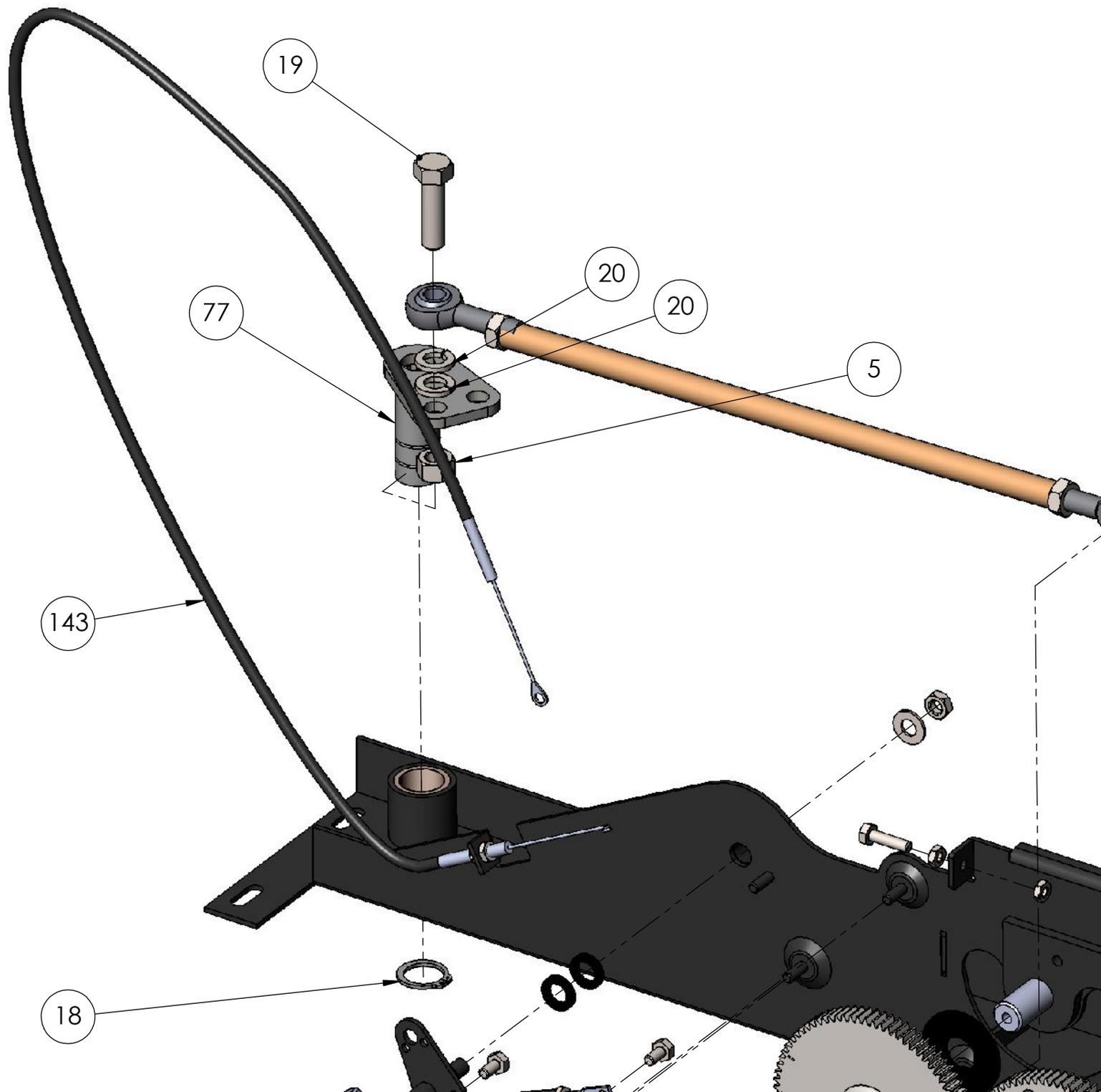
A&M

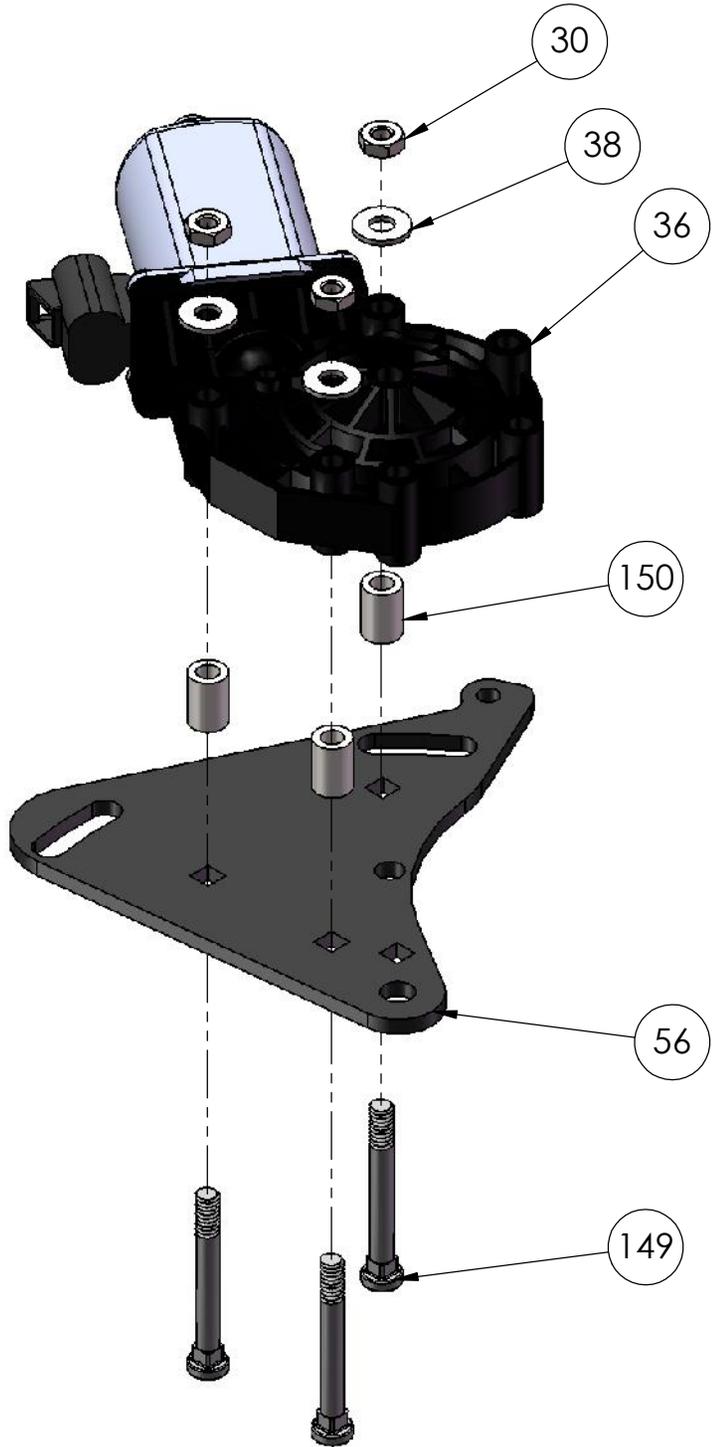
A&M

6

2x 23







ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
30	P100024	Nut, nylock, 1/4-20	3
36	P100047	Motor	1
38	P100018	Washer, 1/4 SAE Flat Zinc	3
56	1933	Motor Mount	1
149	2184	Bolt, Carriage, Square Neck	3
150	P100649	Spacer, .257" ID x .50" D x .688", Nylon	3



WV DOT

03-14-10 Hot Dip Galvanizing

Hot Dip Galvanizing

New England Wheels, Inc uses a purpose-built lowered floor chassis made from advanced lightweight high strength steel structurally joined to the cab of the Promaster 3500 Cutaway in a patented process. This type of steel has a PSI rating of 101,500 compared to an average of 25,000 PSI for cold rolled steel. In addition to its being much stronger than traditional cold rolled steel it is also 1/3 less weight. The Frontrunner chassis experienced no issues of any kind during its 5yr/150,000-mile Altoona pass/fail durability testing.

After the chassis is manufactured it is treated in a process known as hot dip galvanizing. This corrosion protection process of coating the steel with zinc alloy alters the molecular structure of the steel giving it "self-healing properties" when the surface of the base metal is immersed in a batch of molten zinc at temperatures of around 449 degrees Celsius (840 degrees Fahrenheit). When exposed to the atmosphere, the pure zinc (Zn) reacts with the oxygen (O₂) to form a zinc oxide (ZnO) which further reacts with carbon dioxide (CO₂) to form zinc carbonate (ZnCO₃), a dull gray, strong material that protects the steel underneath from corrosion.

The hot dipped galvanizing process protects the steel by acting as a barrier between the steel and the atmosphere. Moreover, the self-healing properties of this form of corrosion resistance is superior to simple undercoating common in the bus industry. Because zinc is a more electropositive (active) metal in comparison to steel means that when a galvanized coating is damaged and steel is exposed to the atmosphere, zinc can continue to protect steel through the galvanic corrosion (often within an annulus of 5mm, above which electron transfer rate decreases). To the best of our knowledge, no other manufacture in our size class utilizes the Superior form of corrosion protection to their chassis. While the industry utilizes terms like "galvanized" or "galvaneal" there is no substitution for "hot dipped galvanization". The other form of galvanization are spray forms of galvanizing and are subject to chipping and flaking of the galvanized coating. Only hot dipped galvanization has self-healing properties.

It is for this reason that traditional spray undercoating adds on additional corrosion benefits and can only trap unwanted moisture present in the humidity of the air.



WV DOT

3.14.19 Exterior Vinyl Colors

TESCO uses HP Latex Printers for all exterior vinyl production. All standard colors can be printed.



WV DOT

03-19 Altro-Transflor-Chroma_datasheet



**Designed for possibilities.
Made for people.**

NEW AND IMPROVED

Enhancements focused on the road ahead

Altro bus floors have been re-engineered for up to 20% weight savings, but it doesn't end there. We've also introduced a Heavy Duty Plus variant and added a range of other benefits to make the industry's first-choice safety flooring even better.

- Lighter
- Stronger
- Enhanced durability
- Naturally hygienic
- Even better to install

Build quality from the ground up with the lightest 2.7mm safety floor.

The next step in safety flooring



Altro Transflor Chroma™

Typical applications:

Bus, coach, shuttle, emergency vehicles and non-restricted rail.

Newly enhanced, this chip design bus floor is now up to 20% lighter. Further enhanced with increased strength and durability it is engineered for excellent slip resistance, design flexibility and heavy duty performance.

Stronger, more durable and up to 20% lighter, the all new Altro Transflor Chroma offers the perfect balance of performance and design. Offering sustained slip resistance to the most comprehensive range of industry standards, Altro Transflor Chroma mitigates slip risks to one in a million for uncompromised safety. Available in a wide range of colors and two versatile thicknesses - 2.7mm Heavy Duty Plus and 2.2mm - Altro Transflor Chroma is engineered to meet the most challenging public transport demands.

Why not streamline your installation by using our kit cutting service or self-adhesive options?

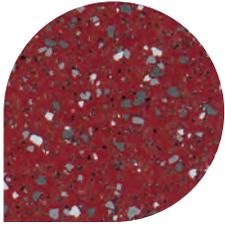
lightweight safety flooring for the transportation industry

Altro Transport Division 12648 Clark Street Santa Fe Springs, CA 90670

Altro reserves the right to change any information. Please consult altro.com or your local Sales Representative for the latest product range information.

 USA 800.382.0333  CANADA 800.565.4658  transflor@altro.com  altro.com/transport

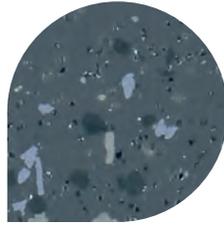
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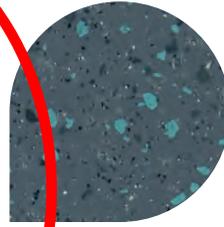
Sprint LRV:12
 TFCR2274 (2.2 mm)
 TFCR2774 (2.7 mm)
 WR248 / AM238



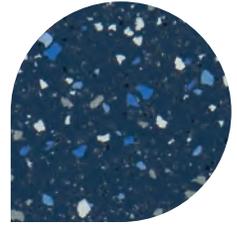
Cyber LRV:14
 TFCR2202 (2.2 mm)
 TFCR2702 (2.7 mm)
 WR83 / AM83



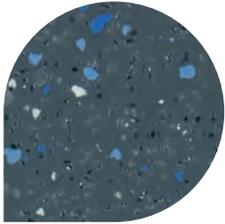
Mineral LRV:16
 TFCR2230 (2.2 mm)
 TFCR2730 (2.7 mm)
 WR83 / AM83



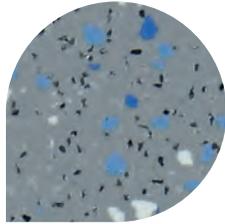
Zea LRV:15
 TFCR2233 (2.2 mm)
 TFCR2733 (2.7 mm)
 WR83 / AM83



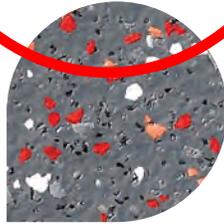
Capri LRV:11
 TFCR2260 (2.2 mm)
 TFCR2760 (2.7 mm)
 WR231 / AM73



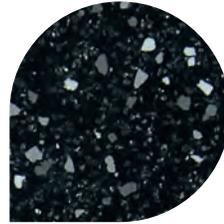
Cayman LRV:14
 TFCR2261 (2.2 mm)
 TFCR2761 (2.7 mm)
 WR83 / AM83



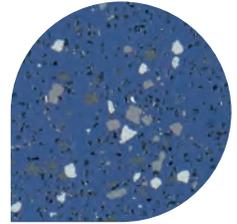
Strada LRV:26
 TFCR2263 (2.2 mm)
 TFCR2763 (2.7 mm)
 WR81 / AM81



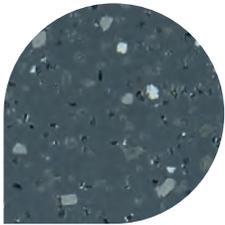
Viper LRV:14
 TFCR2265 (2.2 mm)
 TFCR2765 (2.7 mm)
 WR83 / AM83



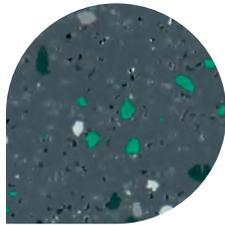
Phantom LRV:7
 TFCR2272 (2.2 mm)
 TFCR2772 (2.7 mm)
 WR100 / AM100



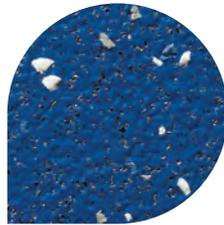
Quattro LRV:15
 TFCR2275 (2.2 mm)
 TFCR2775 (2.7 mm)
 WR249 / AM249



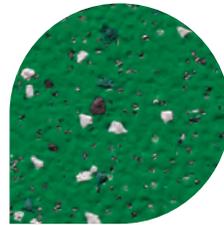
Tuscan LRV:14
 TFCR2278 (2.2 mm)
 TFCR2778 (2.7 mm)
 WR83 / AM83



Sigma LRV:14
 TFCR2282 (2.2 mm)
 TFCR2782 (2.7 mm)
 WR83 / AM83



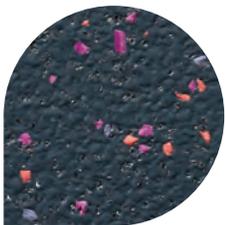
Lancer LRV:9
 TFCR22914 (2.2 mm)
 TFCR27914 (2.7 mm)
 WR102 / AM200



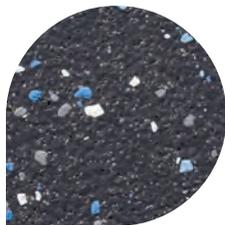
Forester LRV:12
 TFCR22904 (2.2 mm)
 TFCR27904 (2.7 mm)
 WR474 / AM308



Frontier LRV 10
 TFCR22905 (2.2 mm)
 TFCR27905 (2.7 mm)
 WR62 / AM62



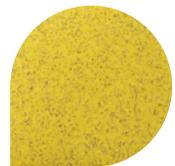
Gene LRV:8
 TFCR2203 (2.2 mm)
 TFCR2703 (2.7 mm)
 WR72 / AM72



Patriot LRV:10
 TFCR22908 (2.2 mm)
 TFCR27908 (2.7 mm)
 WR101 / AM72



Safety White LRV: 58
 TFM2200 (2.2 mm)
 TFM2700 (2.7 mm)
 WR01 / AM01



Safety Yellow LRV:46
 TFM2229 (2.2 mm)
 TFM2729 (2.7 mm)
 WR08 / AM200

LRV: Light reflectance value

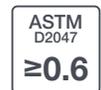
i Color matched Weldrods (WR) and Mastics (AM) are available. You'll find their product codes under product SKUs.

i All products available in roll and kit format. Custom colors are also available.

Samples
 Experience has shown that printing cannot reproduce colors accurately. If color choice is critical please request a sample of the material.

Accent and safety colors

Dimensions	6'7" x 65'7" / 2 m x 20 m	
Thickness	2.2 mm	2.7 mm
Weight	4.05 lb/yd ²	4.98 lb/yd ²
Format	ROLL and KIT	





WV DOT

03-22 GO-ES-Brochure-3.2021



GO-ES Seat with
optional 202A
Headrests

Available as a
Rigid, Flip,
SplitFlip, or
SpaceSaver
Foldaway Seat!

GO-ES Seat

COMMERCIAL BUS / PASSENGER VAN / CAMPER VAN

The Freedman GO-ES Seat is designed for flexibility to accommodate your passengers' growing needs. Options are modular and can be installed at any time. Now available as a SplitFlip or Foldaway to accommodate varying combinations for added aisle space, wheelchair accessibility, strollers, shopping carts and much more. A favorite for buses and overlanding vans.

See *SpaceSaver
Foldaway* Brochure
for more information.



see more online

www.freedmanseating.com



features & benefits

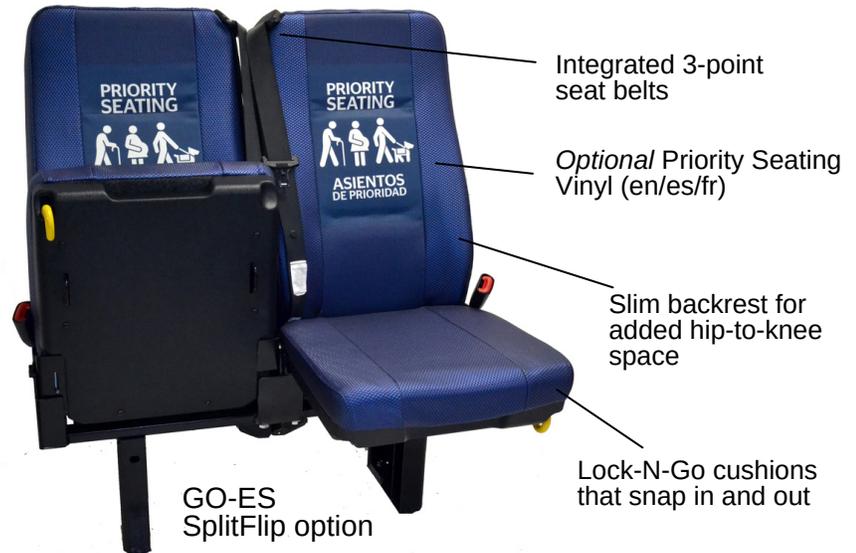
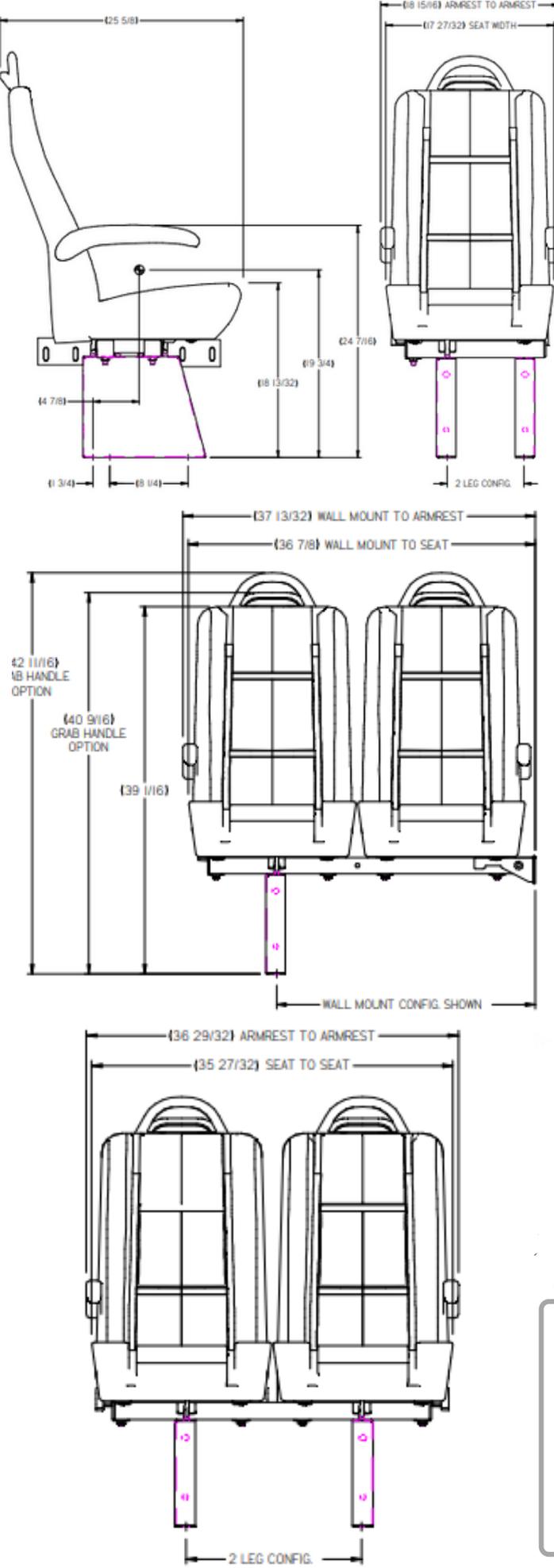
- Complies with FMVSS 207/210 and 202A (with optional 202A headrest)
- External 3-point seat belts
- Lightweight
- Modular options that can be installed in-vehicle
- Decreased maintenance and installation costs

options

- Offered in rigid, foldaway and flip seat variations
- 16" and 19" widths (rigid model only)
- 17 1/2" width
- USR belts
- Molded grab handle
- US Arms
- CRS 225 hooks & tether
- Mesh map pocket
- 110V and USB outlets
- FTA Foam
- TDSS Tie Down Storage System
- PPE Anti-microbial Grab Rails and US Armrests
- PPE Social Distance Seat Bands*
- PPE Passenger Sneeze Guards*
- SeatLink™ seat information tracking system



*PPE available through FMS Seating. Contact FMS Customer Service at (574) 542-2001.





FREEDMAN®

SEATING COMPANY

4545 W. Augusta Blvd., Chicago, IL 60651
 (773) 524-2440 (800) 443-4540 Fax (773) 252-7450
freedmanseating.com | info@freedmanseating.com

Freedman Seating is committed to lessening our impact on the planet. For your convenience, materials are now available online to download at www.freedmanseating.com.



We are constantly updating and improving our seats; therefore we reserve the right to change or modify specifications or materials without notice. All Freedman Seating Company seats meet or exceed FMVS standards



WV DOT

3.22.1 Driver Seat

The NEW Frontrunner uses the Promaster OEM driver seat.



WV DOT

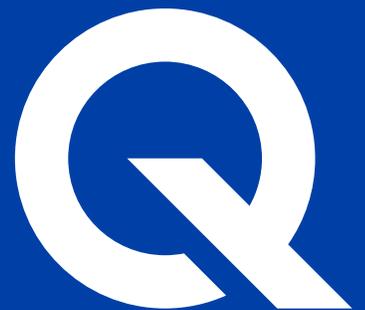
03-26 and 03-27 QRT Series-1 Brochure

MKM-01-1701

QRT[®]-1 SERIES



MAX / DELUXE / STANDARD
4-POINT SECUREMENT
WHEELCHAIR RETRACTORS



QRT[®]-1 SERIES

The Securement System That Changed Everything

The original 4-point wheelchair securement system, QRT-1 Series retractors defined the way passenger safety devices are designed and tested.

With a range of 3 different options to fit every need and every budget, the QRT-1 Series of retractors offer easy to use, effective 4-Point securement of wheelchairs for virtually any vehicle application.



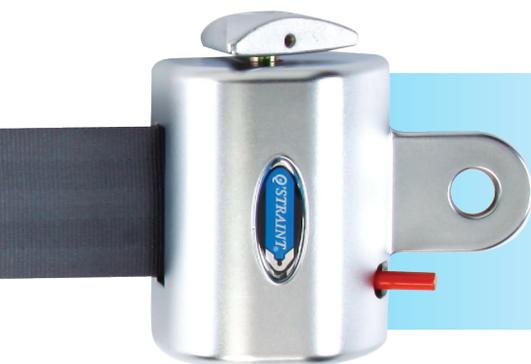
QRT MAX

FULLY AUTOMATIC, premium knobless retractor that allows for one-handed operation.



QRT DELUXE

SELF-LOCKING & SELF-TENSIONING retractor with ergonomic housing and dual tensioning knobs.



QRT STANDARD

SEMI-AUTOMATIC retractor that meets all industry standards and specifications.



More than 30 years ago, Q'STRAIT introduced the world's first fully integrated 4-Point wheelchair passenger securement system, now an industry standard the world over.

The QRT line of retractors are the linchpin of that system.



Every QRT retractor is fully ADA compliant, and meets or exceeds all standards and regulations, including:

- SAE J2249, ISO 10542,
- FMVSS 209, 302, 210, 222
- CMVSS 209
- CSA Z605
- and 30mph/20g crash testing

Anchorage Options

All QRT-1 Series Retractors are compatible with L-Track, L-Pockets and Slide 'N Click anchorages, or may be directly mounted to vehicle floors, seat legs or barriers.



L-TRACK / L-POCKETS

For kits that use L-Track or L-Pocket anchorages, QRT Series retractors feature our patented Positive Lock Indicator (PLI) that clearly indicates when the fitting is locked in the anchorage.

SLIDE 'N CLICK

For kits that include Slide 'N Click anchorages, QRT Series retractors feature a single-bolt SNC assembly and plunger that allows a full 360° rotation, eliminating anchorage alignment guesswork.

QRT-1 SERIES FEATURES COMPARISON

	MAX	DLX	STD
Knobless, One-Handed Operation. No knobs to interfere with wheels and footrests.	●		
Dual Tensioning Knobs. Provides additional tensioning if needed.		●	
Single Tensioning Knob. Provides additional tensioning if needed.			●
Automatic, Self-Locking. Allows easy, one-handed hook-up.	●	●	
Self-Tensioning. Retractors automatically take up 'slack'.	●	●	
Positive Lock Indicator. Patented feature clearly indicates when fitting is locked in anchorage.	●	●	●
Interchangeable. Eliminates confusion: no right, left, front or rear locations.	●	●	●
Low Profile & Compact. Elimination of mounting bracket allows retractors to fit under most footrests.	●	●	●
Accommodates Larger Wheelchairs. Reduced overall length leaves more room for wheelchairs.	●	●	
Ultra-Durable. Hardened steel and coated zinc for maximum corrosion resistance.	●	●	●
Universal Design. Accommodates virtually all wheelchair designs, including scooters.	●	●	●
J-Hook. Reduces twisting of belts and ensures proper securement for all wheelchair designs.	●	●	●
Foot Release Lever. Easy release eliminates the stress of bending down.	●	●	●



WWW.QSTRAINT.COM/QRT-1-SERIES

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Tel: +61 7 3892 2311
Fax: +61 7 3892 1819
Email: info@tramanco.com.au



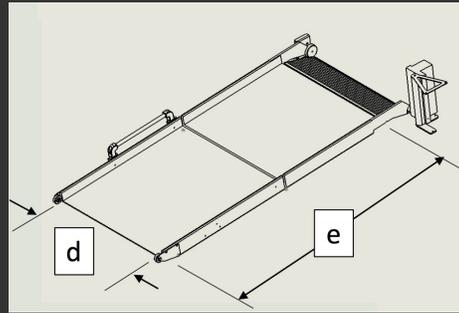
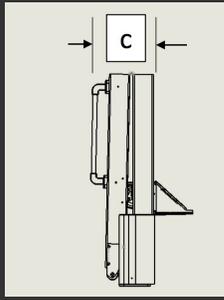
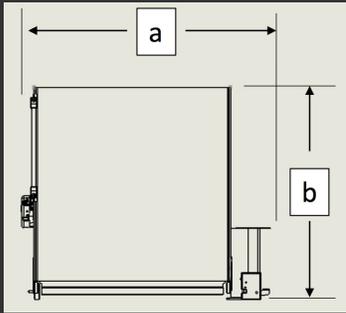
WV DOT
03-28 Wheelchair Ramp

[Home](#)[Products](#)[Resources](#)[FAQ](#)[Contact](#)[Dealer Area](#)[LOGOUT](#)

ABOUT SWING-AWAY™

- Made in the USA.
- Light Weight, Low Floor, Vehicle Access Ramp.

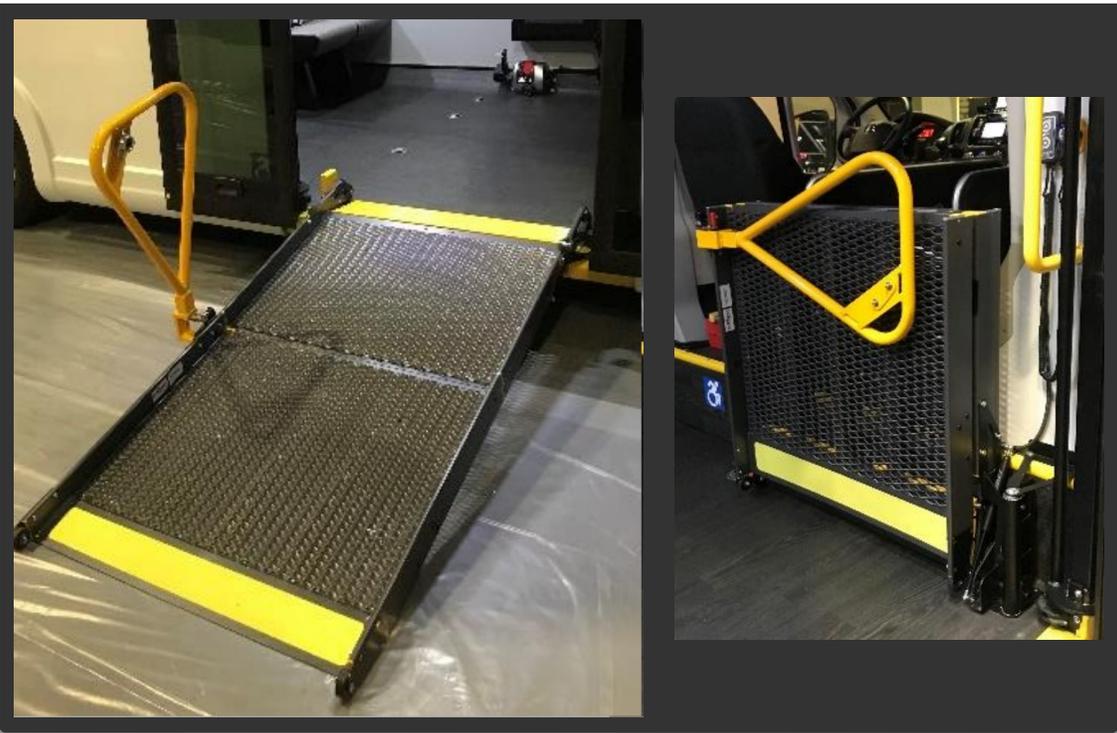
DIMENSIONS



Ref	Description	in	mm
a	Stowed Width	42.68	1084
b	Stowed Height	38.00	965
c	Stowed Depth	11.25	286
d	Useable Width	34.00	864
e	Useable Length	63.40	1609

OPTIONAL FEATURES

■ Optional Folding Handrail:





WV DOT 3.36 Radio

The NEW Frontrunner uses the Promaster
OEM Radio.



WVDOT

3.32.1 Fare Box Provisions

Please refer to the floorplans for fare box locations. NEW allows farebox location anywhere in the body of the vehicle.



WVDOT
03-32-2 PA Systems

PA systems

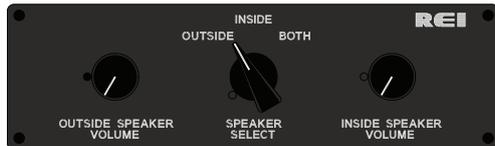
One-and Two-Channel PA Amplifiers



- 8" L x 3.125" W x 1.75" H
- Two microphone inputs
- 50-watt power output
- XLR priority microphone input overrides Mini-Fit™ secondary microphone input
- Volume control and AUX audio input (one-channel)
- Separate internal/external volume control and AUX audio input with speaker selectability (two-channel)
- Approved OEM standard option equipment

Two-Channel Transit PAs

With Remote-Mount Volume Control Panel



Front View

- 8" L x 2.375" W
- Remote panel-mounted internal and external volume control



Back View

- 8" L x 3.125" W x 1.75" H
- Two microphone inputs
- AUX audio input

- 4.16" L x 8" W x 1.88" H panel
 - 12/24 volt/50-watt power output
 - Single microphone input with priority control* (Mini-Fit™ connector)
 - Internal microphone with AUX microphone input
 - Internal and external speaker volume controls
 - Approved OEM standard option
- *Microphone not included

ECHO PAs

And Voice-Record Dash Model



Panel-Mounted PA

- 7" L x 2" H panel
 - 12-volt/40-watt power output
 - Single channel
 - Two microphone inputs with priority control*
- *Microphone not included

Panel-Mounted PA Systems

- 12-volt/25-watt power output
- Single channel
- Volume control
- Interior/exterior speaker selection (not included on 7" L x 2" H panel)





EXCELLENCE
IN INNOVATION

4 Channel PA Kit w/ Mic

#750407*



Be Heard - Override radio or entertainment system to make announcements

More Power - Make sure your riders can hear you loud and clear

Smaller Footprint - Take up less valuable space or hide all together

Specifications:

- Output - 42 x 4 watts / 4 ohms max
- Current Consumption - 200 mA idle / 10 A max
- Power Supply - 10 to 18 VDC (negative ground)
- Load Impedance - 4 to 8 ohms
- Dimensions (W x H x D) - 2.05" x 1.88" x 4"
(52mm x 47.6mm x 101.6mm)
- Weight - 14.5oz (41kg)

* Kit contains #710701 (4 Channel PA Amplifier) , #480343 (Dynamic Hand Held Mic) and #512903 (Dynamic Microphone Jack)

Connect. Entertain. Inform.

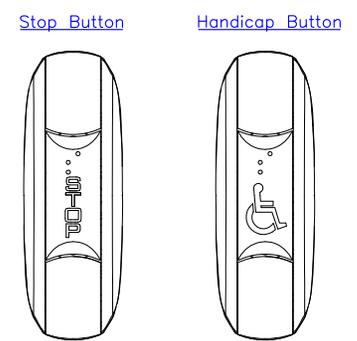
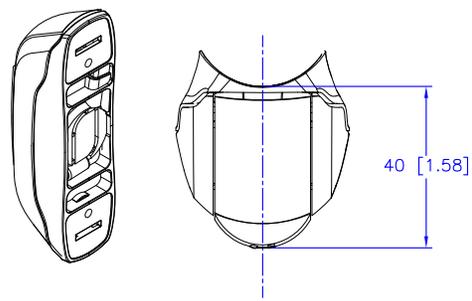
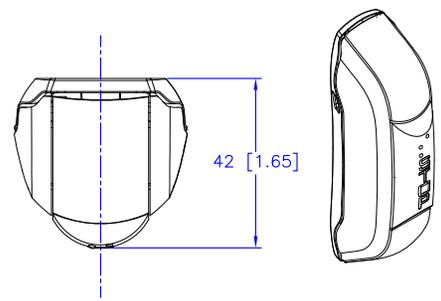
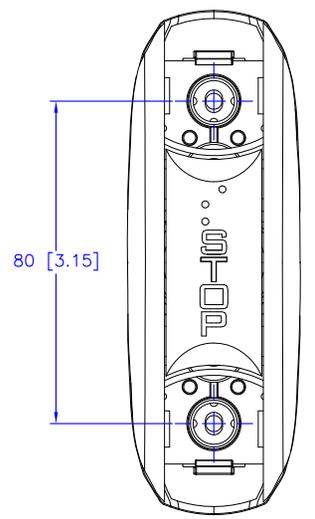
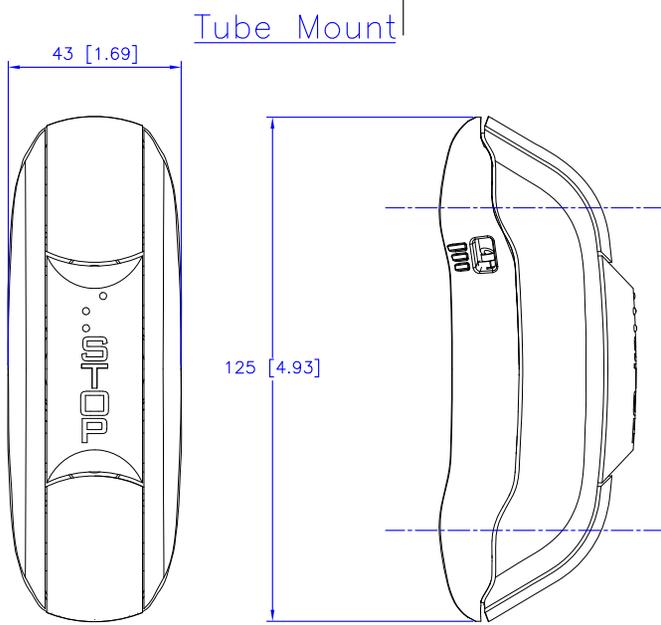
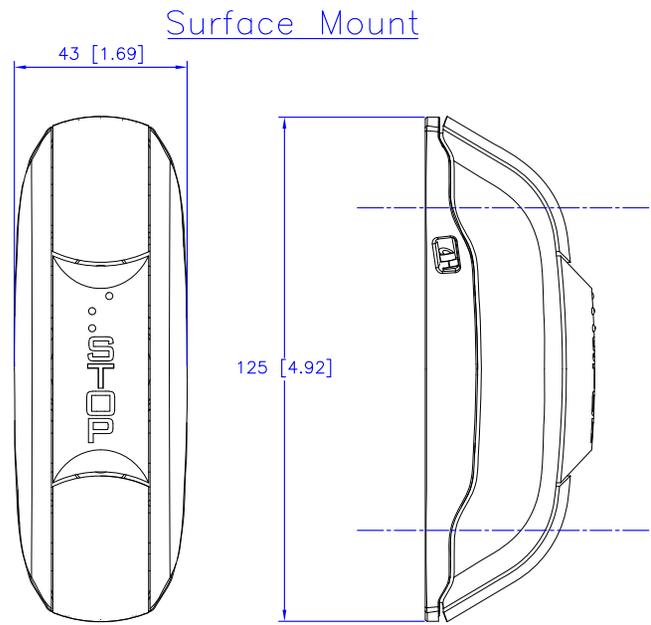
800.228.9275
radioeng.com



WV DOT

03-32-3 EUR1266A [P.386s EasySTOP Button
Slim Evo]

REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
N/A	B	Updated Part Numbers for EVO 4	06/06/2017	TLG



Specifications:

Slim Stop Buttons (22kHz):
 S-64272 (30-32mm Tubing)
 S-64372 (35-38mm Tubing)
 S-64472 (Surface Mount)

Slim ADA Buttons (17kHz):
 S-64292 (30-32mm Tubing)
 S-64392 (35-38mm Tubing)
 S-64492 (Surface Mount)

Various Color Combinations Available

Mounting with 3.5mm [0.14in] Diameter Self-Tapping Screws Recommended.

DIMENSION UNITS: Millimeters
 TOLERANCE: ±1.00 for X
 ±0.50 X.X
 ±0.25 X.XX
 ±0.125 X.XXX
 ANGULAR TOLERANCE: ±2°



EURAMTEC CORPORATION

29650 GRAND RIVER AVE.
 FARMINGTON HILLS, MI 48336-5622 USA
 PHONE # (248) 473-8660
 FAX # (248) 473-8662
 E-MAIL: CONTACT@EURAMTEC.COM

DRAWING TITLE:
P.386s EasySTOP Push Button Slim

User/Customer: Euramtec			
Part No. P.386s	Drawing No. EUR-1266A	File Name/No. EUR1266A [P.386s EasySTOP Button Slim Evo].dwg	
Sheet/Page No. 1	Revision Level: B	Sheet Size: AA	Scale: 1:1
Drawn By: KJC	Checked By: PAC	Approved By: TLG	Date: 07/23/2015



WV DOT

03-32-3 EUR1288 [S-61103 S-61113 EasySTOP
2016]

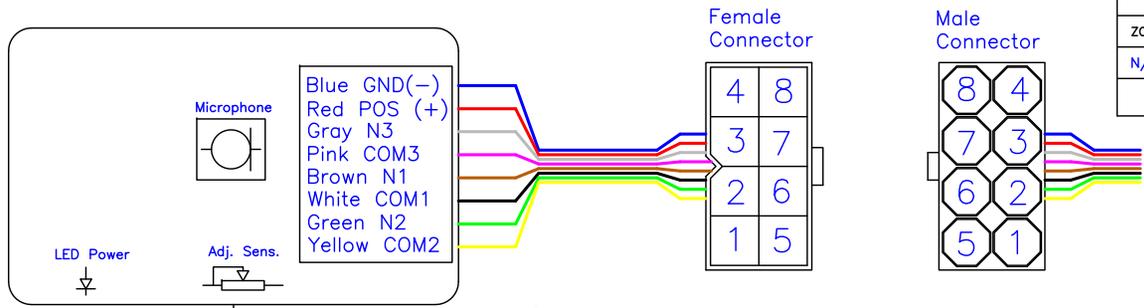
K:\Design_Center\Technical\Schematic\DWGs\EUR1288 [EasySTOP 2015].dwg

EUR-1288

01/19/2016

Euramtec

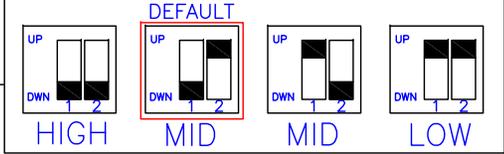
REVISIONS				
ZONE	REV	DESCRIPTION	DATE	APPROVED
N/A	A	Initial Release	01/19/2016	TLG
	B	Updated part numbers for EVO 4	09/01/2016	TLG



Pinout Diagram

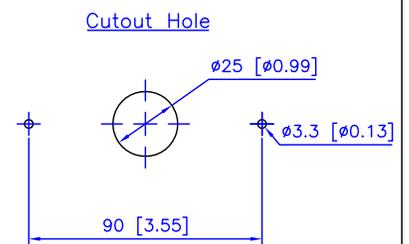
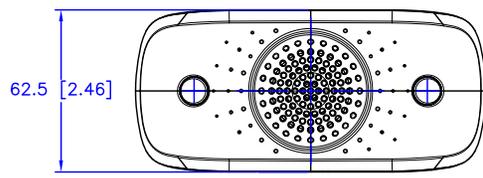
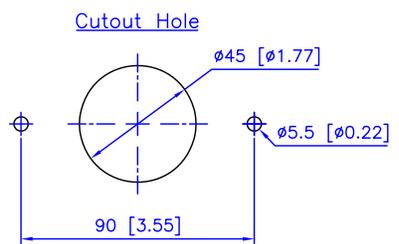
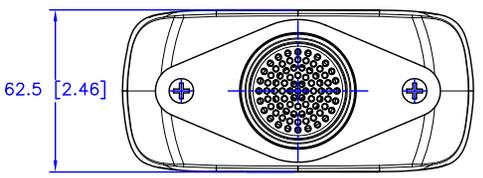
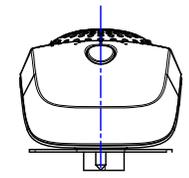
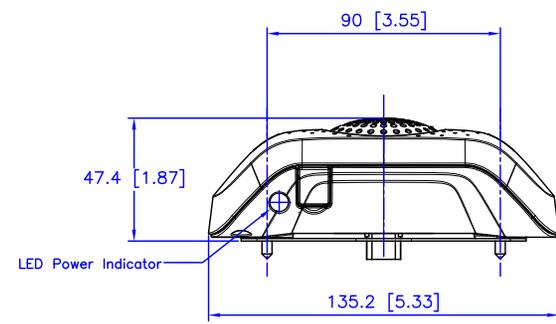
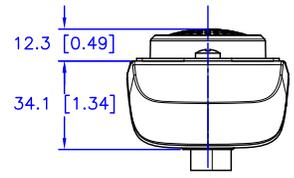
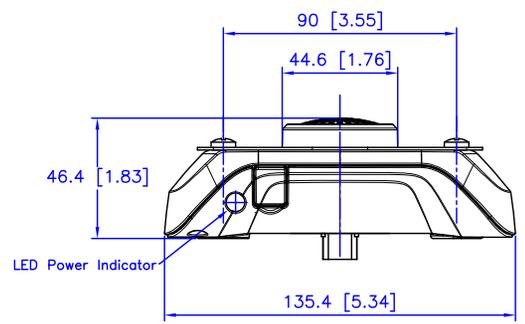
1	PINK	COM3	CHANNEL 1 [17kHz]
2	GREY	N3	POWER
3	RED	POSITIVE(+)	
4	BLUE	GROUND(-)	CHANNEL 3 [29kHz]
5	YELLOW	COM2	
6	GREEN	N2	CHANNEL 2 [22kHz]
7	WHITE	COM1	
8	BROWN	N1	

Sensitivity Adjustments



S-61103 Flush Mount

S-61113 Panel Mount



Specifications:

Input Voltage: 10V-32V
 Current Draw: 0.12A
 Working Temperature: -10/+60C [14-140F]
 Channel Frequencies: 17kHz, 22kHz, 29kHz
 Certifications: 95/28/CE
 2000/53/CE
 2003/11/CE
 2002/95/CE-ROHS
 2002/96/CE-RAEE
 SAE J1455
 Attached 1m [39in] long pigtail with female connector.
 Includes required male connector, terminals, and mounting hardware.
 Pigtail extensions are available:
 S-69692 - 5m [16.4ft]
 S-69702 - 10m [32.8ft]
 S-69712 - 20m [65.6ft]
 S-69682 - 50m [164.0ft]

DIMENSION UNITS: Millimeters
 TOLERANCE: ±1.00 for X
 ±0.50 X.X
 ±0.25 X.XX
 ±0.125 X.XXX
 ANGULAR TOLERANCE: ±2°

Part No. S-61103/S-61113	Drawing No. EUR-1288	File Name/No. EUR1288 [EasySTOP 2016].dwg
Sheet/Page No. 1	Revision Level: B	Sheet Size: AA
Drawn By: KJC	Checked By: PAC	Scale: 1:1
	Approved By: TLG	Date: 01/19/2016

EURAMTEC CORPORATION
 29650 GRAND RIVER AVE.
 FARMINGTON HILLS, MI 48336-5622 USA
 PHONE # (248) 473-8660
 FAX # (248) 473-8662
 E-MAIL: CONTACT@EURAMTEC.COM

DRAWING TITLE:
 EasySTOP Wireless Control Units

User/Customer:
 Euramtec



WVDOT

03-32-3 Stop Request Buttons









WV DOT

3.32.4 - Destination Signs

The NEW Frontrunner uses Hanover Front and Side destination signs per specifications.



WV DOT

3.32.5 Strobe Light

The NEW Frontrunner uses a strobe light from the same manufacturer as their exterior lights per specifications.



WVDOT
03-33-5 Angeltrax

MODEL & DESCRIPTION	QTY
 <p>VULCANV12 Vulcan Series 12-Channel HD/IP Mobile Digital Video Recorder • 12 Channels with 8 Channels D1, WD1, 720P, or up to 1080P + 4 Channels IP up to 1080P • 1TB Platter Hard Drive • 64GB SD Card for Redundant Recording • Built-in Wi-Fi Module • Built-in G-Force Sensor • Vandal-Resistant Locking Front Cover • Panic Button • H.264 Compression</p>	1
<p>SSD500G-UPGRADE 500GB Solid-State Hard Drive REQUIRES PURCHASE OF HARD DRIVE TRAY</p> <p>We recommend the use of storage media provided only by AngelTrax for our recording devices. AngelTrax hard drives and SD cards are optimized for around-the-clock video surveillance and are designed to withstand extreme temperatures. Standard hard drives and SD cards purchased through consumer resellers are not made for surveillance devices and have been known to stop functioning at any time without warning, causing a loss of video.</p>	1
 <p>SD512GB 512GB SD Solid-State Memory Card</p> <p>We recommend the use of storage media provided only by AngelTrax for our recording devices. AngelTrax hard drives and SD cards are optimized for around-the-clock video surveillance and are designed to withstand extreme temperatures. Standard hard drives and SD cards purchased through consumer resellers are not made for surveillance devices and have been known to stop functioning at any time without warning, causing a loss of video.</p>	1
 <p>VULPBH Vulcan Series Panic Button Housing PC color</p>	1

MODEL & DESCRIPTION	QTY
 <p>DMB100-V12 L-Shaped Vertical Mounting Bracket for Vulcan V12 MDVR</p>	1
 <p>HD1700V Vulcan Series 170-Degree HD 1080P Low Profile Camera- overhang, facing towards the rear, Above the drivers left shoulder facing the door, Above the driver, to see the drivers operations</p> <ul style="list-style-type: none"> • 1.7mm Lens with Fully Articulating Lens Casing, Adjustable Vertically and Horizontally at Installation • IP68 Rated Waterproof Interior/Exterior Camera • 1080P HD • 2.12 Megapixels • Noise-Gated Microphone • Vandal-Resistant Casing • Scratch-Resistant, Anti-Glare Glass Lens Cover • Infrared 	3
 <p>HD2500V Vulcan Series 2500 HD Low Profile Camera- facing the wheelchair lift</p> <ul style="list-style-type: none"> • 2.5mm Lens with Fully Articulating Lens Casing, Adjustable Vertically and Horizontally at Installation • IP68 Rated Waterproof Interior/Exterior Camera • 1080P HD • 3 Megapixels • Noise-Gated Microphone • Vandal-Resistant Casing • Scratch-Resistant, Anti-Glare Glass Lens Cover • Infrared 	1
 <p>HD2500WS Vulcan Series 2500 HD Windshield Camera- Out the Windshield</p> <ul style="list-style-type: none"> • 2.5mm Lens with Fully Articulating Lens Casing, Adjustable Vertically and Horizontally at Installation • 1080P HD • 2.13 Megapixels • Noise-Gated Microphone • Vandal-Resistant Casing • Scratch-Resistant, Anti-Glare Glass Lens Cover • Starlight CMOS Sensor for Exceptional Sensitivity to Starlight • Mounted to Ceiling of Vehicle Using ADJBRWS Bracket for View Through Windshield (Bracket Sold Separately) 	1
 <p>HD3600V Vulcan Series 3600 HD Low Profile Camera- rear of the bus</p> <ul style="list-style-type: none"> • 3.6mm Lens with Fully Articulating Lens Casing, Adjustable Vertically and Horizontally at Installation • IP68 Rated Waterproof Interior/Exterior Camera • 1080P HD • 3 Megapixels • Noise-Gated Microphone • Vandal-Resistant Casing • Scratch-Resistant, Anti-Glare Glass Lens Cover • Infrared • For use in school bus SAV applications as overview camera when equipped with YELHS1 yellow housing 	1
 <p>HD4CBL 13.12 ft. HD Camera Cable</p>	4
 <p>HD9CBL 29.53 ft. HD Camera Cable</p>	2

MODEL & DESCRIPTION	QTY
 <p>ADJBRWS Adjustable Mounting Bracket for Vulcan Series HD-WS Starlight Camera Capturing Windshield View</p>	1
 <p>WC4G Vulcan Series Wi-Fi Cellular GPS Tri-Mode Antenna • Wi-Fi, Cellular and Passive GPS Antenna • Interior-mounted</p>	1
 <p>V12SECKEY Security Key USB 3.0 for Vulcan V12 MDVR</p>	1
<p>CONT3RD Installation not included. Installation to be performed by Dealer or End User as specified by Dealer.</p>	1
<p>SHIPPING/HANDLING Shipping and Handling Charges - 1 box OEM METH 2 * Optional items are not included in the calculation.*</p>	1



WVDOT
03-36 Training



Proven Quality.
Trusted Name.

Transportation Equipment Sales Corporation

3.36 Training

TESCO understands the training requirements set forth in section 3.36 of the WVDOT specifications. TESCO and/or New England Wheels will have a trainer available to provide up to two days training at two different locations in the state.



WV DOT

05-9-2 Warranty and Maintenance Support



Proven Quality.
Trusted Name.

Transportation Equipment Sales Corporation

Warranty and Maintenance Support

Following this document is specific information on vehicle warranty.

TESCO has a customer service department dedicated to resolving our customer's warranty and service issues. TESCO employs two customer service representatives. If a customer has a warranty issue, we ask them to call our toll-free number before taking the vehicle to a service facility. All vehicles will be delivered with a document stating the warranty procedure. A copy of this document has been provided in this proposal. Our customer service team will quickly direct them to the proper service facility based on the uniqueness of the issue. If our customer has a particular service facility that they prefer, our customer service department will try to ensure that the customer can use that service facility as long as the equipment manufacturer will allow it. This also applies to customers that have their own in-house service department.

When warranty related service is performed for any non-chassis issue, the service facility will bill TESCO directly and TESCO will reimburse the facility. For RAM chassis related issues, the RAM dealer will bill the OEM directly.

If there is a non-warranty service question, TESCO can still assist with locating a service facility in the same manner as warrantied service.

TESCO uses a tracking system linked to our ERP software to manage warranty issues. This ensures that each and every issue is handled quickly, and professionally. All notes regarding the issue are entered into this system so that all TESCO employees can be up to speed on the situation in seconds. The issues remain open on the system until the customer has stated they are satisfied. The TESCO management receives regular reports on outstanding issues to ensure the customer needs are met.

In the unlikely event of a series of warranty issues, TESCO has the ability to send our own or the factory technicians to solve the problem.

Included in this proposal is a list of recommended service facilities in or near your area..



WVDOT

05-9-2 West Virginia Service Facilities



Proven Quality.
Trusted Name.

Transportation Equipment Sales Corporation

<u>Service Facilities</u>	<u>Address</u>	<u>City & ST</u>	<u>Zip</u>	<u>Phone</u>
RAM Chassis / Body / AC:				
Northside Chrysler Dodge Jeep Ram	812 Northside Dr.	Summersville, WV.	26651	(304) 872-9011
Dutch Miller Chrysler Dodge Jeep Ram	339 Maccorkle Ave. SW	South Charleston, WV.	25303	(304) 343-7700
Dutch Miller Chrysler Dodge Jeep Ram	435 Church St. S	Ripley, WV.	25271	(304) 884-0327
H And M Motor Company	373 East Third Street	Weston, WV.	26452	(304) 269-5727
Sheets Chrysler Dodge Jeep Ram	250 Auto Plaza Dr.	Beckley, WV.	25801	(304) 252-4555
Stephens Auto Center	104 Stephens Dr.	Danville, WV.	25053	(304) 369-2411
Walker Chrysler Dodge Jeep Ram	102 Orchard Park Rd.	Hurricane, WV.	25526	(304) 562-9011
Astorg Chrysler Dodge Jeep Ram FIAT	1501 7th St.	Parkers, WV.	26101	(800) 227-8674
Greenbrier Motor Co. Inc.	111 Seneca Trail	Lewisburg, WV.	24901	(304) 645-1010
Country Club Chrysler Dodge Jeep Ram	Route 19 South	Clarksburg, WV.	26301	(304) 624-7611
Elkins Chrysler Dodge Jeep Ram	1434 Beverly Pike	Elkins, WV.	26241	(304) 636-2222
Thornhill Chrysler Dodge Jeep Ram	500 Stratton Street	Logan, WV.	25601	(304) 896-9900
Goldy Chrysler Dodge Jeep Ram	187 Kinetic Dr.	Huntington, WV.	25701	(304) 781-0555
Urse Dodge-Chry-Jeep	14 Tygart Mall Loop	White Hall, WV.	26554	(304) 363-9300
Elm Grove Chrysler Dodge Jeep Ram	2538 National Rd.	Wheeling WV.	26003	(833) 917-1438
Straub Chrysler Dodge Jeep Ram	1502 Wheeling Ave.	Glen Dale, WV.	26038	(304) 845-6750
Hancock County Chrysler Dodge Jeep Ram	845Washington Street	Newell, WV.	26050	(304) 387-3100



WV DOT

05-9-3 05-9-5 Limited Warranty Rev 12-8-21

Warranty Administration – New England Wheel’s warranty for its bus structure is 3 years/50,000 miles. Each bus contains two stickers as shown below with Warranty Instructions to facilitate warranty service. These labels are affixed prominently in the driver’s area as well as under the hood. We have found that particularly with a bus there can be questions relative to whether the issue is bus related or an issue with the OEM Promaster 3500 chassis. This clear procedure for contacting us initially facilitates the initial point of contact to our warranty department where we can diagnose the problem over the phone and/or direct the customer to the proper service facility to resolve a service-related issue.

A copy of the label is below. This also allows us to assign a warranty authorization number so that we may track the authorized warranty work and issue the appropriate authorization to proceed to the appropriate warranty repaircenter.



Warranty assistance falls under the leadership of the company’s Director of Service. We have dedicated warranty personnel able to assist customers with their warranty related issues as well as diagnose service-related problems. Any warranty related call not immediately answered will be returned within (2) hours and in general are returned within the hour. The following pages contain our warranty documents. The first is our general warranty statement and the second is a

warranty matrix that specifically addresses the various warranties associated with other manufacturer’s components that may be installed in the Frontrunner. Our website also has a link for a customer to contact us for a service/warranty related question. Under the “Contact Us” drop down menu there is a field for Service/Parts with a box for a description and contact number.

LIMITED WARRANTY

New England Wheels, Inc. warrants to the original purchaser of its Frontrunner product, that New England Wheels, Inc. ("NEW") will repair or replace, at its option, all parts manufactured by NEW that fail by reason of defective material or workmanship as follows:

1. **Limited Warranty.** Except as set forth otherwise below, NEW warrants all NEW manufactured parts against defective material and workmanship or failure, under normal use and service, for a period of three (3) years or 50,000 miles, whichever occurs first following [delivery]. NEW will repair or replace during such Limited Warranty coverage period all NEW manufactured parts covered under this Limited Warranty or reimburse the warranty holder for such repair or replacement as set forth herein. This Limited Warranty period is not extended if we repair or replace the product.
2. **Labor Costs.** Labor costs for New England Wheels, Inc. parts replaced under this Limited Warranty will be reimbursed at an hourly rate to be determined at the time of the warranty claim taking into account current labor rates in effect and geographic location. Under all circumstances, warranty repair work must be performed by an authorized NEW dealer according to NEW's warranty claim procedures. Unauthorized repair of parts replaced by someone other than an authorized NEW dealer is not covered by this warranty. NEW reserves the right to require that defective parts be returned for inspection prior to paying warranty claims.
3. **Other Manufacturer's Warranties.** Individually installed components of NEW parts that are manufactured by other manufacturers are not covered by this Limited Warranty and may carry their own individual manufacturer warranties including but not limited to heating and cooling components, electric doors, seating components, wheelchair lifts/ramps, and wheelchair tie-downs. These individual warranties carry their own terms which may be greater or less than those specified herein. Please refer to the individual warranties for installed components that are part of the vehicle's delivery package.
4. **OEM Warranty.** The vehicle's original equipment manufacturer ("OEM") warranty (i.e. Fiat Chrysler of America) will supplement this warranty for all non-modified components, i.e. vehicle engine and drive train, tires, brakes, and all other non-modified OEM equipment.
5. **Exclusions from Limited Warranty Coverage.** This Limited Warranty does not cover:
 - Damage caused by accident, road hazard, misuse, lack of proper maintenance, or failure to follow towing, hoisting, and other operating instructions.
 - Routine maintenance, adjustments, repair diagnosis, road service and towing. (Roadside assistance and towing are part of the FCA warranty for 5 yrs./60,000 miles for Promaster related issues engine/powertrain). NEW will reimburse up to \$200. for towing required as a result of a non FCA issue.
6. **Disclaimers and Limitations.** This warranty covers only those parts manufactured and installed by NEW and is intended to supplement the OEM vehicle manufacturer's warranty. Refer to the vehicle manufacturer's warranty coverage.

New England Wheels, Inc. disclaims liability for any personal injury or property damage that results from the operation of a New England Wheels, Inc. product that has been modified from the original New England Wheels, Inc. design. No other person or company is authorized to change the design of this product without written authorization from New England Wheels, Inc.

NEW ENGLAND WHEELS, INC.'S OBLIGATION UNDER THIS LIMITED WARRANTY IS EXCLUSIVELY LIMITED TO THE REPAIR OR EXCHANGE OF PARTS, OR REIMBURSEMENT FOR SAME, THAT FAIL WITHIN THE APPLICABLE LIMITED WARRANTY PERIOD. THE REMEDIES DESCRIBED ABOVE ARE THE SOLE AND EXCLUSIVE REMEDIES AND NEW'S ENTIRE LIABILITY FOR ANY BREACH OF THIS LIMITED WARRANTY. NEW'S LIABILITY SHALL UNDER NO CIRCUMSTANCES EXCEED THE ACTUAL AMOUNT PAID BY THE WARRANTY HOLDER FOR THE DEFECTIVE PRODUCT, NOR SHALL NEW UNDER ANY CIRCUMSTANCES BE LIABLE FOR ANY CONSEQUENTIAL, INCIDENTAL, SPECIAL OR PUNITIVE DAMAGES OR LOSSES, WHETHER DIRECT OR INDIRECT.

SOME STATES DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THE ABOVE LIMITATION MAY NOT APPLY. THIS WARRANTY GIVES SPECIFIC LEGAL RIGHTS, AND THERE MAY BE OTHER RIGHTS THAT VARY FROM STATE TO STATE.

New England Wheels, Inc.
 33 Manning Road
 Billerica, MA 01821
(800) 886-9247
 Fax: (978) 663-6709
warranty@newenglandwheels.com

WARRANTY CLAIM PROCEDURES

Whereas, all New England Wheels, Inc. (“NEW”) manufactured parts and workmanship are warranted against defective material or workmanship or failure for the period of three (3) years or 50,000 miles, whichever occurs first following [delivery] to customer, and all other parts are held to existing manufacturer's warranties, the following procedures must be adhered to for the assurance of proper care and re-imburement for warranty claims by NEW customers:

All invoices submitted to New England Wheels, Inc. must reference the authorization number. In addition, the invoice must contain:

1. Name and End User/Customer
2. Name of New England Wheels, Inc. Dealer or Authorized Repair Facility
3. Vehicle Identification Number
4. Vehicle Mileage
5. Date of Purchase and/or Manufacture Date of Vehicle
6. New England Wheels Warranty Work Authorization Number

If requested, defective parts must be returned to NEW before warranty reimbursement is made. Upon receipt of said parts and verification of the warranty authorization, payment of the claim will be processed.

For outside warranty work by an authorized NEW dealer, parts will be supplied to the dealer unless otherwise arranged by NEW.

Frontrunner Warranty Matrix

<i>Chassis Manufacturer</i>	<i>Coverage</i>
Ram ProMaster 3500 Bumper to Bumper	3 Years / 36,000 Miles
Ram ProMaster 3500 Power Train	5 Years / 100,000 Miles
Ram ProMaster 3500 Rust Through	5 Years / 100,000 Miles
Ram ProMaster 3500 Road-side Assistance	5 Years / 60,000 Miles
<i>New England Wheels/Other</i>	<i>Coverage</i>
Body/Conversion Warranty*	3 Years / 50,000 Miles
Door Systems	3 Years / 50,000 Miles
Suspension System	3 Years / 50,000 Miles
Manual/Electric Wheelchair Ramp	3 Years / 36,000 Miles
Windows	3 Years / 36,000 Miles
ProAir rear Air-Conditioning/Heat	3 Years / 36,000 Miles
Freedman Seating	Metal Components – (5) Years Plastic Components – (3) Years Moving Components – (3) Years Gas Shock Components – (1) Year Upholstered Components (foam) – (2) Years

Q'Straint QRT Deluxe Wheelchair Tie-downs	3 Years Limited
Other electrical components: Camera Systems, Video Equipment, PA System	1 Year / 12,000 Miles
<i>*Includes: Bus Body Structure, Lowered Floor Chassis, Walls, Roof, Trim Panels, and Wiring.</i>	
<i>**Any item not listed falls under original manufacturer's standard warranty.</i>	

Please contact a New England Wheels representative **BEFORE** any work is performed on your vehicle that may be deemed warranty. In order to prevent denial of your warranty claim an authorization must be obtained prior to any work performed. Simply email us at: warranty@newenglandwheels.com or call 978-663-9724 to speak with someone in our service/warranty department.

To better assist you we will require the following information in your email or phone call:

- The Last 8 of the vehicles VIN#
- The current Mileage of the vehicle
- A detailed description of the issue



WV DOT

10.2 Paint

TESCO uses single stage painting with PPG paint. The colors listed in the specifications and most non-metallic colors are available within the PPG paint family.



WVDOT

10-2a Equipment List



Proven Quality.
Trusted Name.

Checklist For Quote #NQ56565

State of West Virginia Dept. of Admin

10/17/2022

2023 New England Wheels Fronrunner

1 unit ordered

14 pass.

Class A

Qty	Item #	Description
2023 Dodge Promaster 3500 (GVWR: 9350 WB: 0 Engine: 3.6L)		
1		
1	TSPEC01	Exterior Reflective Vinyl Tape
1	TSPEC02	Locking Storage Box for Safety Equipment
1	TSPEC03	Jumper Cables
1	TSPEC04	Fuel at Delivery
1	TSPEC05	Chassis Service Manual
1	1005	Safety Triangle Kit
1	152-620-013A	Roof Hatch, Low Profile, Triple Value Vent, White
1	152-711-105A	Decal, Priority Seating, Each
1	466425k	5lb Fire Extinguisher
2	4880	MFASCO Fire Blanket with Storage Bag (62" x 82")
1	710-02	Body Fluid Kit
1	Special-4	Interior Decals
1	Special-5	LED Light on Bulkhead for Added Visibility
1	Special-7	Safety Vest
1	Special-9	Strobe Light
1	UX-116	First Aid Kit
2	152-262-003A	Wall Seat Arm Rest, Right Side
2	152-262-004A	Wall Seat Arm Rest, Left Side
5	27084	18" Belt Extender
14	LEVEL 4	Level 4 Seat Cover
2	New WALLSEAT	One Passenger Bantam Flip Seat
2	NEW-42467	(2) Passenger Mid-High Bench
2	NEW-42467CRS	Two Passenger Mid-High Bench Seat with Tethers
2	NEW-42467WW	Two Passenger Mid-High Bench Seat (Wheelwell Positions)
2	NEW-BANLAPBELT	Wall Seat, Lap Belt
1	NEW-MODPANEL	Modesty Panel - Left Side Entry Grab Rail
1	NEW-SSGBDLP	Stainless Grab Rail - Behind Driver with 22" Lexan Panel
1	NEW-SSGLSED	Stainless Grab Rail - Left Side Entry Door
1	NEW-SSGRSA&M	Stainless Grab Rail - Right Side Entry A&M Door
1	NEW-SSVERTCS	Stainless Grab Rail - Curb Side Rear Stanchion "Pole Only"
1	NEW-SSVERTSS	Stainless Grab Rail - Street Side Rear Stanchion "Pole Only"
1	New Floorpucks	Q'Straint Additional Floor Pucks for Oversized Wheel Chair, Set
1	New Qstowbrkt	Q'Straint Slide-N-Click Stowage Bracket, (2) Per Wheelchair
1	NEW-Clicknslide	Q'Straint Slide-N-Click w/Lap & Shoulder Belt
1	Q5-7590	Q' Straint Belt Cutter
1	Q5-8522	Q'Straint Storage Pouch
1	152-172-001C	Manual Fold Out Ramp 34" x 60" with Retractable Latch
1	NEW-ACP	Valeo AC/Heat Combo Unit
1	NEW-ANM	A&M Door System
1	NEW-ASW	Wabco - 4 Corner Air Suspension System
1	NEW-PASYST	Public Address/PA System with Exterior Speaker
1	Special-1	AngelTrax Digital Video Recording System
1	Special-2	Hanover Front & Side Sign
1	Special-3	As Built Manuals on Thumb Drive
1	Special-8	Stanchion, Power & Ground to Mechanical Fare Box
2	152-940-005A	Slime Line, Wall Mount "Handicap/Wheelchair" Blue/Gray Button
3	152-940-008A	Slim Line, Tube Mount, "STOP" Red/Gray Button
6	152-940-009A	Slim Line, Wall Mount "STOP", Red/Gray Button
1	NEW-WSRSIGN	Wall Mount Stop Request/ADA Sign



Proven Quality.
Trusted Name.

Checklist For Quote #NQ56565		
State of West Virginia Dept. of Admin		10/17/2022
2023 New England Wheels Frontrunner		1 unit ordered
		12 pass. with 1 w/c

Qty	Item #	Description
1	NEW-WSRSYS	Wireless Stop Request System w/Signal



Proven Quality.
Trusted Name.

Checklist For Quote #NQ56565

State of West Virginia Dept. of Admin

10/17/2022

2023 New England Wheels Fronrunner

1 unit ordered

12 pass. with 1 w/c

Class B

Qty	Item #	Description
2023 Dodge Promaster 3500 (GVWR: 9350 WB: 0 Engine: 3.6L)		
1	TGBASIC	Graphics Package
1	TSPEC01	Exterior Reflective Vinyl Tape
1	TSPEC02	Locking Storage Box for Safety Equipment
1	TSPEC03	Jumper Cables
1	TSPEC04	Fuel at Delivery
1	TSPEC05	Chassis Service Manual
1	1005	Safety Triangle Kit
1	152-620-013A	Roof Hatch, Low Profile, Triple Value Vent, White
1	152-711-105A	Decal, Priority Seating, Each
1	466425k	5lb Fire Extinguisher
2	4880	MFASCO Fire Blanket with Storage Bag (62" x 82")
1	710-02	Body Fluid Kit
1	Special-4	Interior Decals
1	Special-5	LED Light on Bulkhead for Added Visibility
1	Special-7	Safety Vest
1	Special-9	Strobe Light
1	UX-116	First Aid Kit
2	152-262-003A	Wall Seat Arm Rest, Right Side
2	152-262-004A	Wall Seat Arm Rest, Left Side
5	27084	18" Belt Extender
14	LEVEL 4	Level 4 Seat Cover
2	New WALLSEAT	One Passenger Bantam Flip Seat
2	NEW-42467	(2) Passenger Mid-High Bench
2	NEW-42467CRS	Two Passenger Mid-High Bench Seat with Tethers
2	NEW-42467WW	Two Passenger Mid-High Bench Seat (Wheelwell Positions)
2	NEW-BANLAPBELT	Wall Seat, Lap Belt
1	NEW-MODPANEL	Modesty Panel - Left Side Entry Grab Rail
1	NEW-SSGBDLP	Stainless Grab Rail - Behind Driver with 22" Lexan Panel
1	NEW-SSGLSED	Stainless Grab Rail - Left Side Entry Door
1	NEW-SSGRSA&M	Stainless Grab Rail - Right Side Entry A&M Door
1	NEW-SSVERTCS	Stainless Grab Rail - Curb Side Rear Stanchion "Pole Only"
1	NEW-SSVERTSS	Stainless Grab Rail - Street Side Rear Stanchion "Pole Only"
1	New Floorpucks	Q'Straint Additional Floor Pucks for Oversized Wheel Chair, Set
1	New Qstowbrkt	Q'Straint Slide-N-Click Stowage Bracket, (2) Per Wheelchair
1	NEW-Clicknslide	Q'Straint Slide-N-Click w/Lap & Shoulder Belt
1	Q5-7590	Q' Straint Belt Cutter
1	Q5-8522	Q'Straint Storage Pouch
1	152-172-001C	Manual Fold Out Ramp 34" x 60" with Retractable Latch
1	NEW-ACP	Valeo AC/Heat Combo Unit
1	NEW-ANM	A&M Door System
1	NEW-ASW	Wabco - 4 Corner Air Suspension System
1	NEW-PASYST	Public Address/PA System with Exterior Speaker
1	Special-1	AngelTrax Digital Video Recording System
1	Special-2	Hanover Front & Side Sign
1	Special-3	As Built Manuals on Thumb Drive
1	Special-8	Stanchion, Power & Ground to Mechanical Fare Box
2	152-940-005A	Slime Line, Wall Mount "Handicap/Wheelchair" Blue/Gray Button
3	152-940-008A	Slim Line, Tube Mount, "STOP" Red/Gray Button
6	152-940-009A	Slim Line, Wall Mount "STOP", Red/Gray Button
1	NEW-WSRSIGN	Wall Mount Stop Request/ADA Sign



Proven Quality.
Trusted Name.

Checklist For Quote #NQ56565		
State of West Virginia Dept. of Admin		10/17/2022
2023 New England Wheels Frontrunner		1 unit ordered
		12 pass. with 1 w/c

Qty	Item #	Description
1	NEW-WSRSYS	Wireless Stop Request System w/Signal



Proven Quality.
Trusted Name.

Class C

Checklist For Quote #NQ56565-1		
State of West Virginia Dept. of Admin	10/17/2022	
2023 New England Wheels Fronrunner	1 unit ordered	12 pass. with 1 w/c

Qty	Item #	Description
2023 Dodge Promaster 3500 (GVWR: 9350 WB: 0 Engine: 3.6L)		
1	TSPEC01	Exterior Reflective Vinyl Tape
1	TSPEC02	Locking Storage Box for Safety Equipment
1	TSPEC03	Jumper Cables
1	TSPEC04	Fuel at Delivery
1	TSPEC05	Chassis Service Manual
1	TSPEC06	Paint / Graphics
1	TSPEC07	**Fixed Route Package**
1	1005	Safety Triangle Kit
1	152-620-013A	Roof Hatch, Low Profile, Triple Value Vent, White
1	152-711-105A	Decal, Priority Seating, Each
1	466425k	5lb Fire Extinguisher
2	4880	MFASCO Fire Blanket with Storage Bag (62" x 82")
1	710-02	Body Fluid Kit
1	Special-4	Interior Decals
1	Special-5	LED Light on Bulkhead for Added Visibility
1	Special-7	Safety Vest
1	Special-9	Strobe Light
1	UX-116	First Aid Kit
2	152-262-003A	Wall Seat Arm Rest, Right Side
2	152-262-004A	Wall Seat Arm Rest, Left Side
5	27084	18" Belt Extender
14	LEVEL 4	Level 4 Seat Cover
2	New WALLSEAT	One Passenger Bantam Flip Seat
2	NEW-42467	(2) Passenger Mid-High Bench
2	NEW-42467CRS	Two Passenger Mid-High Bench Seat with Tethers
2	NEW-42467WW	Two Passenger Mid-High Bench Seat (Wheelwell Positions)
2	NEW-BANLAPBELT	Wall Seat, Lap Belt
1	NEW-MODPANEL	Modesty Panel - Left Side Entry Grab Rail
1	NEW-SSGBDLP	Stainless Grab Rail - Behind Driver with 22" Lexan Panel
1	NEW-SSGLSED	Stainless Grab Rail - Left Side Entry Door
1	NEW-SSGRSA&M	Stainless Grab Rail - Right Side Entry A&M Door
1	NEW-SSVERTCS	Stainless Grab Rail - Curb Side Rear Stanchion "Pole Only"
1	NEW-SSVERTSS	Stainless Grab Rail - Street Side Rear Stanchion "Pole Only"
1	New Floorpucks	Q'Straint Additional Floor Pucks for Oversized Wheel Chair, Set
1	New Qstowbrkt	Q'Straint Slide-N-Click Stowage Bracket, (2) Per Wheelchair
1	NEW-Clicknslide	Q'Straint Slide-N-Click w/Lap & Shoulder Belt
1	Q5-7590	Q' Straint Belt Cutter
1	Q5-8522	Q'Straint Storage Pouch
1	152-172-001C	Manual Fold Out Ramp 34" x 60" with Retractable Latch
1	NEW-ACP	Valeo AC/Heat Combo Unit
1	NEW-ANM	A&M Door System
1	NEW-ASW	Wabco - 4 Corner Air Suspension System
1	NEW-PASYSY	Public Address/PA System with Exterior Speaker
1	Special-1	AngelTrax Digital Video Recording System
1	Special-2	Hanover Front & Side Sign
1	Special-3	As Built Manuals on Thumb Drive
1	Special-8	Stanchion, Power & Ground to Mechanical Fare Box
2	152-940-005A	Slime Line, Wall Mount "Handicap/Wheelchair" Blue/Gray Button
3	152-940-008A	Slim Line, Tube Mount, "STOP" Red/Gray Button
6	152-940-009A	Slim Line, Wall Mount "STOP", Red/GRAY Button



Proven Quality.
Trusted Name.

Checklist For Quote #NQ56565-1		
State of West Virginia Dept. of Admin		10/17/2022
2023 New England Wheels Frontrunner		1 unit ordered
		12 pass. with 1 w/c

Qty	Item #	Description
1	NEW-WSRSIGN	Wall Mount Stop Request/ADA Sign
1	NEW-WSRSYS	Wireless Stop Request System w/Signal



Proven Quality.
Trusted Name.

Class D

Checklist For Quote #NQ56563

State of West Virginia Dept. of Admin

10/17/2022

2023 New England Wheels Frontrunner

1 unit ordered

10 pass. with 2 w/c

Qty	Item #	Description
2023 Dodge Promaster 3500 (GVWR: 9350 WB: 0 Engine: 3.6L)		
1	TGBASIC	Graphics Package
1	TSPEC01	Exterior Reflective Vinyl Tape
1	TSPEC02	Locking Storage Box for Safety Equipment
1	TSPEC03	Jumper Cables
1	TSPEC04	Fuel at Delivery
1	TSPEC05	Chassis Service Manual
1	1005	Safety Triangle Kit
1	152-620-013A	Roof Hatch, Low Profile, Triple Value Vent, White
2	152-711-105A	Decal, Priority Seating, Each
1	466425k	5lb Fire Extinguisher
2	4880	MFASCO Fire Blanket with Storage Bag (62" x 82")
1	710-02	Body Fluid Kit
1	Special-4	Interior Decals
1	Special-5	LED Light on Bulkhead for Added Visibility
1	Special-7	Safety Vest
1	Special-9	Strobe Light
1	UX-116	First Aid Kit
4	152-262-003A	Wall Seat Arm Rest, Right Side
4	152-262-004A	Wall Seat Arm Rest, Left Side
5	27084	18" Belt Extender
14	LEVEL 4	Level 4 Seat Cover
4	New WALLSEAT	One Passenger Bantam Flip Seat
1	NEW-42467	(2) Passenger Mid-High Bench
2	NEW-42467CRS	Two Passenger Mid-High Bench Seat with Tethers
2	NEW-42467WW	Two Passenger Mid-High Bench Seat (Wheelwell Positions)
4	NEW-BANLAPBELT	Wall Seat, Lap Belt
1	New SSGSSRSU	Stainless Grab Rail - Street Side Rear Step-Up
1	NEW-MODPANEL	Modesty Panel - Left Side Entry Grab Rail
1	NEW-MODPANEL	Modesty Panel - Street Side Rear Step-Up Grab Rail
1	NEW-SSGBDLP	Stainless Grab Rail - Behind Driver with 22" Lexan Panel
1	NEW-SSGLSED	Stainless Grab Rail - Left Side Entry Door
1	NEW-SSGRSA&M	Stainless Grab Rail - Right Side Entry A&M Door
1	NEW-SSVERTCS	Stainless Grab Rail - Curb Side Rear Stanchion "Pole Only"
1	New Floorpucks	Q'Straint Additional Floor Pucks for Oversized Wheel Chair, Set
2	New Qstowbrkt	Q'Straint Slide-N-Click Stowage Bracket, (2) Per Wheelchair
2	NEW-Clicknslide	Q'Straint Slide-N-Click w/Lap & Shoulder Belt
1	Q5-7590	Q' Straint Belt Cutter
1	Q5-8522	Q'Straint Storage Pouch
1	152-172-001C	Manual Fold Out Ramp 34" x 60" with Retractable Latch
1	NEW-ACP	Valeo AC/Heat Combo Unit
1	NEW-ANM	A&M Door System
1	NEW-ASW	Wabco - 4 Corner Air Suspension System
1	NEW-PASYSY	Public Address/PA System with Exterior Speaker
1	Special-1	AngelTrax Digital Video Recording System
1	Special-2	Hanover Front & Side Sign
1	Special-3	As Built Manuals on Thumb Drive
1	Special-8	Stanchion, Power & Ground to Mechanical Fare Box
2	152-940-005A	Slime Line, Wall Mount "Handicap/Wheelchair" Blue/Gray Button
5	152-940-008A	Slim Line, Tube Mount, "STOP" Red/Gray Button
4	152-940-009A	Slim Line, Wall Mount "STOP", Red/Gray Button



Proven Quality.
Trusted Name.

Checklist For Quote #NQ56563		
State of West Virginia Dept. of Admin		10/17/2022
2023 New England Wheels Frontrunner		1 unit ordered
		10 pass. with 2 w/c

Qty	Item #	Description
1	NEW-WSRSIGN	Wall Mount Stop Request/ADA Sign
1	NEW-WSRSYS	Wireless Stop Request System w/Signal



Proven Quality.
Trusted Name.

Checklist For Quote #NQ56563-1

State of West Virginia Dept. of Admin

10/17/2022

2023 New England Wheels Fronrunner

1 unit ordered

10 pass. with 2 w/c

Class E

Qty	Item #	Description
2023 Dodge Promaster 3500 (GVWR: 9350 WB: 0 Engine: 3.6L)		
1	TSPEC01	Exterior Reflective Vinyl Tape
1	TSPEC02	Locking Storage Box for Safety Equipment
1	TSPEC03	Jumper Cables
1	TSPEC04	Fuel at Delivery
1	TSPEC05	Chassis Service Manual
1	TSPEC06	Paint / Graphics
1	TSPEC07	**Fixed Route Package**
1	1005	Safety Triangle Kit
1	152-620-013A	Roof Hatch, Low Profile, Triple Value Vent, White
2	152-711-105A	Decal, Priority Seating, Each
1	466425k	5lb Fire Extinguisher
2	4880	MFASCO Fire Blanket with Storage Bag (62" x 82")
1	710-02	Body Fluid Kit
1	Special-4	Interior Decals
1	Special-5	LED Light on Bulkhead for Added Visibility
1	Special-7	Safety Vest
1	Special-9	Strobe Light
1	UX-116	First Aid Kit
4	152-262-003A	Wall Seat Arm Rest, Right Side
4	152-262-004A	Wall Seat Arm Rest, Left Side
5	27084	18" Belt Extender
14	LEVEL 4	Level 4 Seat Cover
4	New WALLSEAT	One Passenger Bantam Flip Seat
1	NEW-42467	(2) Passenger Mid-High Bench
2	NEW-42467CRS	Two Passenger Mid-High Bench Seat with Tethers
2	NEW-42467WW	Two Passenger Mid-High Bench Seat (Wheelwell Positions)
4	NEW-BANLAPBELT	Wall Seat, Lap Belt
1	New SSGSSRSU	Stainless Grab Rail - Street Side Rear Step-Up
1	NEW-MODPANEL	Modesty Panel - Left Side Entry Grab Rail
1	NEW-MODPANEL	Modesty Panel - Street Side Rear Step-Up Grab Rail
1	NEW-SSGBDLP	Stainless Grab Rail - Behind Driver with 22" Lexan Panel
1	NEW-SSGLSED	Stainless Grab Rail - Left Side Entry Door
1	NEW-SSGRSA&M	Stainless Grab Rail - Right Side Entry A&M Door
1	NEW-SSVERTCS	Stainless Grab Rail - Curb Side Rear Stanchion "Pole Only"
1	New Floorpucks	Q'Straint Additional Floor Pucks for Oversized Wheel Chair, Set
2	New Qstowbrkt	Q'Straint Slide-N-Click Stowage Bracket, (2) Per Wheelchair
2	NEW-Clicknslide	Q'Straint Slide-N-Click w/Lap & Shoulder Belt
1	Q5-7590	Q' Straint Belt Cutter
1	Q5-8522	Q'Straint Storage Pouch
1	152-172-001C	Manual Fold Out Ramp 34" x 60" with Retractable Latch
1	NEW-ACP	Valeo AC/Heat Combo Unit
1	NEW-ANM	A&M Door System
1	NEW-ASW	Wabco - 4 Corner Air Suspension System
1	NEW-PASYST	Public Address/PA System with Exterior Speaker
1	Special-1	AngelTrax Digital Video Recording System
1	Special-2	Hanover Front & Side Sign
1	Special-3	As Built Manuals on Thumb Drive
1	Special-8	Stanchion, Power & Ground to Mechanical Fare Box
2	152-940-005A	Slime Line, Wall Mount "Handicap/Wheelchair" Blue/Gray Button
5	152-940-008A	Slim Line, Tube Mount, "STOP" Red/Gray Button



Proven Quality.
Trusted Name.

Checklist For Quote #NQ56563-1		
State of West Virginia	Dept. of Admin	10/17/2022
2023 New England Wheels Frontrunner	1 unit ordered	10 pass. with 2 w/c

Qty	Item #	Description
4	152-940-009A	Slim Line, Wall Mount "STOP", Red/Gray Button
1	NEW-WSRSIGN	Wall Mount Stop Request/ADA Sign
1	NEW-WSRSYS	Wireless Stop Request System w/Signal



Proven Quality.
Trusted Name.

Checklist For Quote #NQ56561

State of West Virginia Dept. of Admin

10/17/2022

2023 New England Wheels Frontrunner

1 unit ordered

8 pass. with 3 w/c

Class F

Qty	Item #	Description
2023 Dodge Promaster 3500 (GVWR: 9350 WB: 0 Engine: 3.6L)		
1	TGBASIC	Graphics Package
1	TSPEC01	Exterior Reflective Vinyl Tape
1	TSPEC02	Locking Storage Box for Safety Equipment
1	TSPEC03	Jumper Cables
1	TSPEC04	Fuel at Delivery
1	TSPEC05	Chassis Service Manual
1	1005	Safety Triangle Kit
1	152-620-013A	Roof Hatch, Low Profile, Triple Value Vent, White
3	152-711-105A	Decal, Priority Seating, Each
1	466425k	5lb Fire Extinguisher
2	4880	MFASCO Fire Blanket with Storage Bag (62" x 82")
1	710-02	Body Fluid Kit
1	Special-4	Interior Decals
1	Special-5	LED Light on Bulkhead for Added Visibility
1	Special-7	Safety Vest
1	Special-9	Strobe Light
1	UX-116	First Aid Kit
6	152-262-003A	Wall Seat Arm Rest, Right Side
6	152-262-004A	Wall Seat Arm Rest, Left Side
5	27084	18" Belt Extender
14	LEVEL 4	Level 4 Seat Cover
6	New WALLSEAT	One Passenger Bantam Flip Seat
2	NEW-42467CRS	Two Passenger Mid-High Bench Seat with Tethers
2	NEW-42467WW	Two Passenger Mid-High Bench Seat (Wheelwell Positions)
6	NEW-BANLAPBELT	Wall Seat, Lap Belt
1	New SSGCSRSU	Stainless Grab Rail - Curb Side Rear Step-Up
1	New SSGSSRSU	Stainless Grab Rail - Street Side Rear Step-Up
1	NEW-MODPANEL	Modesty Panel - Curb Side Rear Step-Up Grab Rail
1	NEW-MODPANEL	Modesty Panel - Street Side Rear Step-Up Grab Rail
1	NEW-SSGBDLP	Stainless Grab Rail - Behind Driver with 22" Lexan Panel
1	NEW-SSGRSA&M	Stainless Grab Rail - Right Side Entry A&M Door
1	NEW-SSWMLSAM	Stainless Grab Rail - Wall Mount Left Side Entry A&M Door
1	New Floorpucks	Q'Straint Additional Floor Pucks for Oversized Wheel Chair, Set
3	New Qstowbrkt	Q'Straint Slide-N-Click Stowage Bracket, (2) Per Wheelchair
3	NEW-Clicknslide	Q'Straint Slide-N-Click w/Lap & Shoulder Belt
1	Q5-7590	Q' Straint Belt Cutter
1	Q5-8522	Q'Straint Storage Pouch
1	152-172-001C	Manual Fold Out Ramp 34" x 60" with Retractable Latch
1	NEW-ACP	Valeo AC/Heat Combo Unit
1	NEW-ANM	A&M Door System
1	NEW-ASW	Wabco - 4 Corner Air Suspension System
1	NEW-PASYST	Public Address/PA System with Exterior Speaker
1	Special-1	AngelTrax Digital Video Recording System
1	Special-2	Hanover Front & Side Sign
1	Special-3	As Built Manuals on Thumb Drive
1	Special-8	Stanchion, Power & Ground to Mechanical Fare Box
3	152-940-005A	Slime Line, Wall Mount "Handicap/Wheelchair" Blue/Gray Button
4	152-940-008A	Slim Line, Tube Mount, "STOP" Red/Gray Button
4	152-940-009A	Slim Line, Wall Mount "STOP", Red/Gray Button
1	NEW-WSRSIGN	Wall Mount Stop Request/ADA Sign



Proven Quality.
Trusted Name.

Checklist For Quote #NQ56561		
State of West Virginia Dept. of Admin		10/17/2022
2023 New England Wheels Frontrunner		1 unit ordered 8 pass. with 3 w/c

Qty	Item #	Description
1	NEW-WSRSYS	Wireless Stop Request System w/Signal



Proven Quality.
Trusted Name.

Checklist For Quote #NQ56561-1		
State of West Virginia Dept. of Admin	10/17/2022	
2023 New England Wheels Frontrunner	1 unit ordered 8 pass. with 3 w/c	

Class G

Qty	Item #	Description
2023 Dodge Promaster 3500 (GVWR: 9350 WB: 0 Engine: 3.6L)		
1	TSPEC01	Exterior Reflective Vinyl Tape
1	TSPEC02	Locking Storage Box for Safety Equipment
1	TSPEC03	Jumper Cables
1	TSPEC04	Fuel at Delivery
1	TSPEC05	Chassis Service Manual
1	TSPEC06	Paint / Graphics
1	TSPEC07	**Fixed Route Package**
1	1005	Safety Triangle Kit
1	152-620-013A	Roof Hatch, Low Profile, Triple Value Vent, White
3	152-711-105A	Decal, Priority Seating, Each
1	466425k	5lb Fire Extinguisher
2	4880	MFASCO Fire Blanket with Storage Bag (62" x 82")
1	710-02	Body Fluid Kit
1	Special-4	Interior Decals
1	Special-5	LED Light on Bulkhead for Added Visibility
1	Special-7	Safety Vest
1	Special-9	Strobe Light
1	UX-116	First Aid Kit
6	152-262-003A	Wall Seat Arm Rest, Right Side
6	152-262-004A	Wall Seat Arm Rest, Left Side
5	27084	18" Belt Extender
14	LEVEL 4	Level 4 Seat Cover
6	New WALLSEAT	One Passenger Bantam Flip Seat
2	NEW-42467CRS	Two Passenger Mid-High Bench Seat with Tethers
2	NEW-42467WW	Two Passenger Mid-High Bench Seat (Wheelwell Positions)
6	NEW-BANLAPBELT	Wall Seat, Lap Belt
1	New SSGCSRSU	Stainless Grab Rail - Curb Side Rear Step-Up
1	New SSGSSRSU	Stainless Grab Rail - Street Side Rear Step-Up
1	NEW-MODPANEL	Modesty Panel - Curb Side Rear Step-Up Grab Rail
1	NEW-MODPANEL	Modesty Panel - Street Side Rear Step-Up Grab Rail
1	NEW-SSGBDLP	Stainless Grab Rail - Behind Driver with 22" Lexan Panel
1	NEW-SSGRSA&M	Stainless Grab Rail - Right Side Entry A&M Door
1	NEW-SSWMLSAM	Stainless Grab Rail - Wall Mount Left Side Entry A&M Door
1	New Floorpucks	Q'Straint Additional Floor Pucks for Oversized Wheel Chair, Set
3	New Qstowbrkt	Q'Straint Slide-N-Click Stowage Bracket, (2) Per Wheelchair
3	NEW-Clicknslide	Q'Straint Slide-N-Click w/Lap & Shoulder Belt
1	Q5-7590	Q' Straint Belt Cutter
1	Q5-8522	Q'Straint Storage Pouch
1	152-172-001C	Manual Fold Out Ramp 34" x 60" with Retractable Latch
1	NEW-ACP	Valeo AC/Heat Combo Unit
1	NEW-ANM	A&M Door System
1	NEW-ASW	Wabco - 4 Corner Air Suspension System
1	NEW-PASYST	Public Address/PA System with Exterior Speaker
1	Special-1	AngelTrax Digital Video Recording System
1	Special-2	Hanover Front & Side Sign
1	Special-3	As Built Manuals on Thumb Drive
1	Special-8	Stanchion, Power & Ground to Mechanical Fare Box
3	152-940-005A	Slime Line, Wall Mount "Handicap/Wheelchair" Blue/Gray Button
4	152-940-008A	Slim Line, Tube Mount, "STOP" Red/Gray Button
4	152-940-009A	Slim Line, Wall Mount "STOP", Red/Gray Button



Proven Quality.
Trusted Name.

Checklist For Quote #NQ56561-1		
State of West Virginia Dept. of Admin		10/17/2022
2023 New England Wheels Frontrunner		1 unit ordered 8 pass. with 3 w/c

Qty	Item #	Description
1	NEW-WSRSIGN	Wall Mount Stop Request/ADA Sign
1	NEW-WSRSYS	Wireless Stop Request System w/Signal



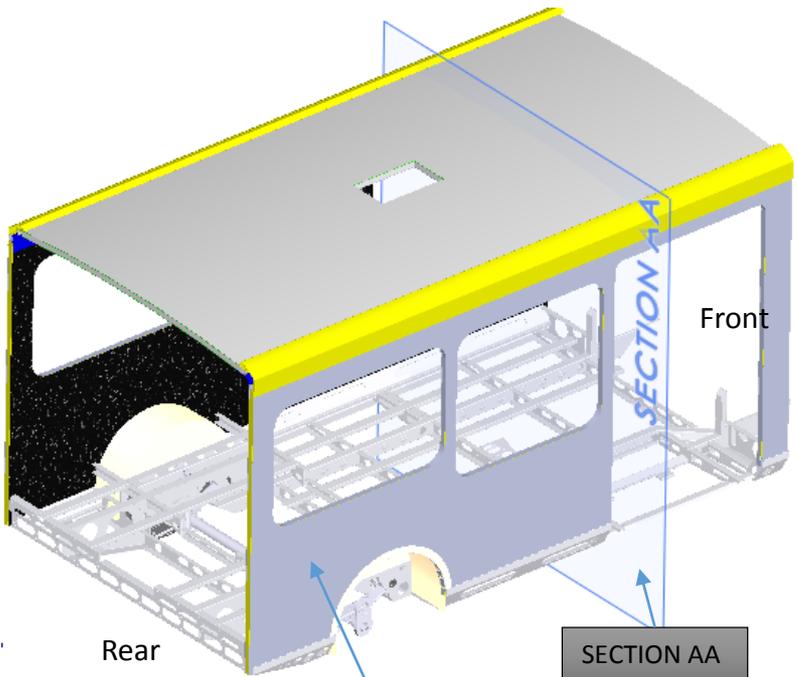
WV DOT

10-2a Body Structure info

Frontrunner® Body Construction

Meets all applicable FMVSS regulation regarding structural strength
Frontrunner bus passed Altoona Testing without any structural failure, score of 91/100

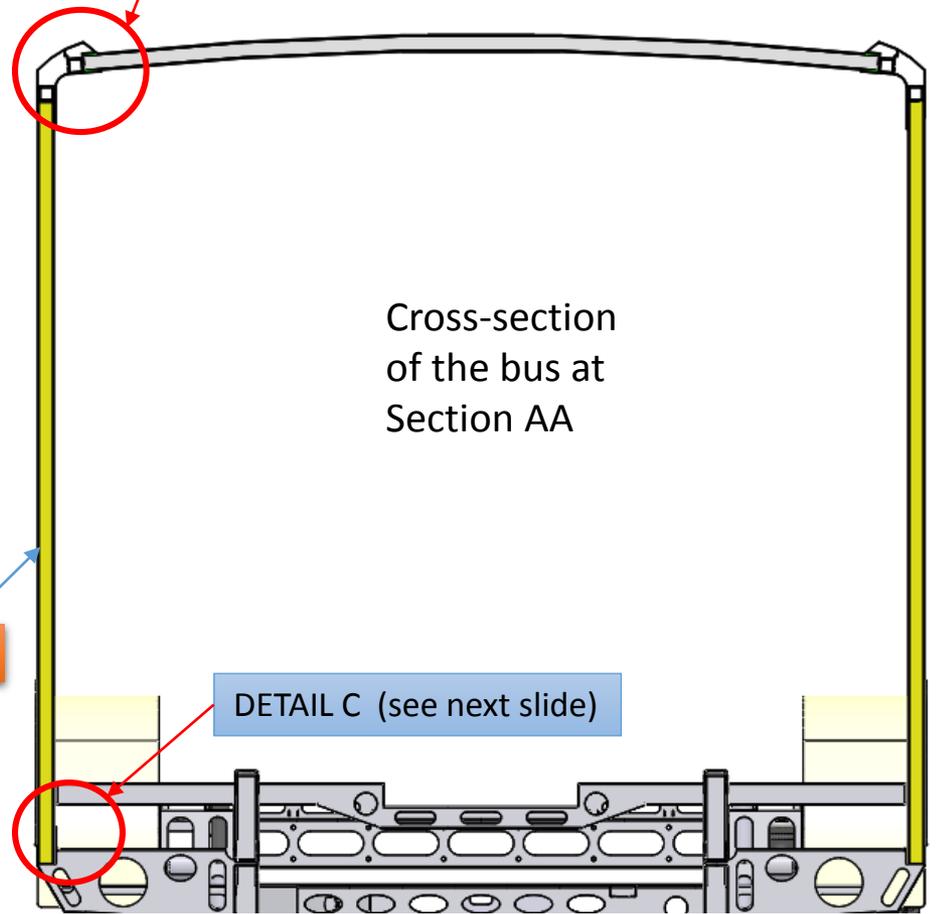
1. Frontrunner® is built with a sandwich panel construction of Sidewall and Roof.
2. Sandwich panel is a construction in which the exterior and interior FRP sheets, of the vehicle, are bonded together, with core, to form 1 pc construction for a wall.
3. Use of Pultruded sections into the sandwich panels as a part of core to provide reinforcement to the walls.
4. Sidewalls and Roof are joined with the interior and exterior aluminum extrusion with pultrusions in between that act like a thermal barrier.



Side wall Detail "D"

DETAIL B (see next slide)

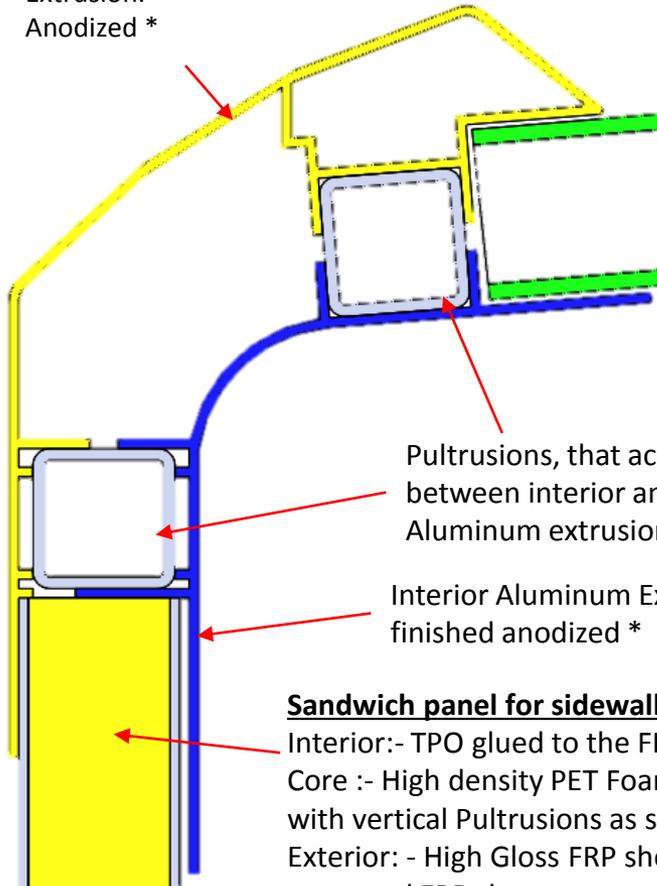
SECTION AA



Side wall

DETAIL C (see next slide)

Exterior Aluminum Extrusion. Anodized *



Sandwich panel for Roof

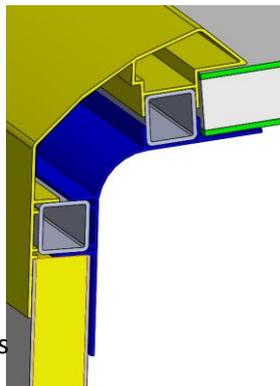
Exterior: - Bonded layer of Structural FRP sheet+ Azdel sheet
 Core :- High density PET structural foam.
 Interior:- Bonded layer of TPO glued+ FRP sheet+ Azdel

Pultrusions, that act like a thermal barrier between interior and exterior of Aluminum extrusions. **

Interior Aluminum Extrusion, Matt finished anodized *

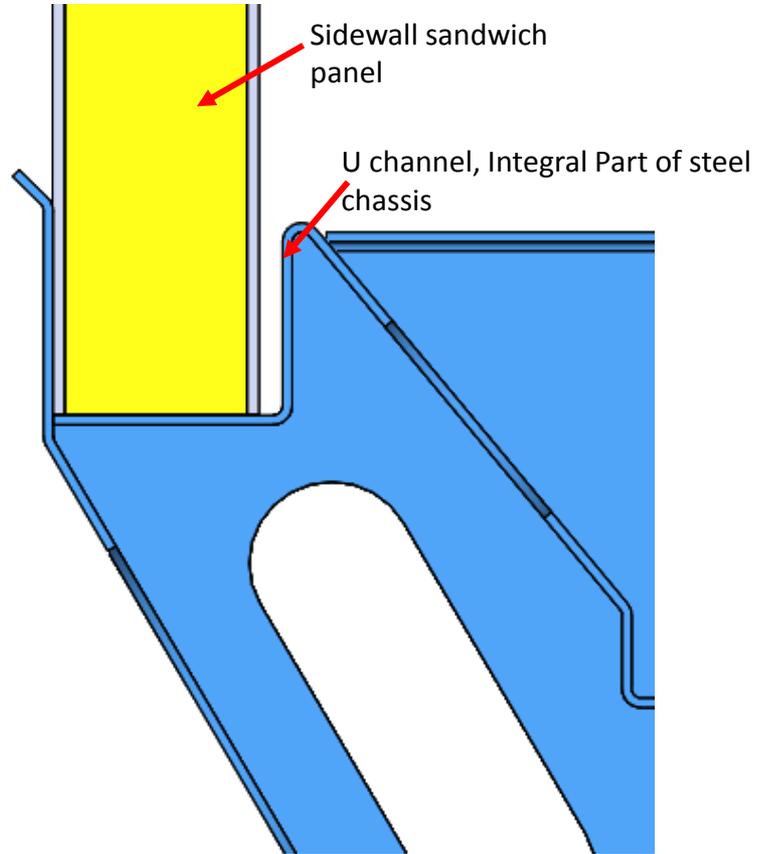
Sandwich panel for sidewall

Interior:- TPO glued to the FRP sheet
 Core :- High density PET Foam in combination with vertical Pultrusions as stiffeners.
 Exterior: - High Gloss FRP sheet bonded to structural FRP sheet



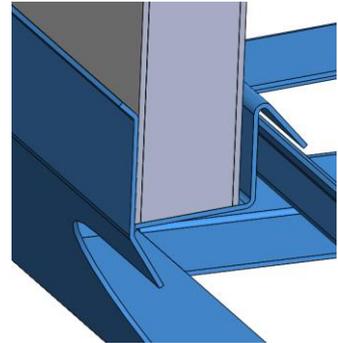
*The Aluminum extrusion is bonded to the sidewalls.

**Pultrusions are Glued to the Aluminum extrusions



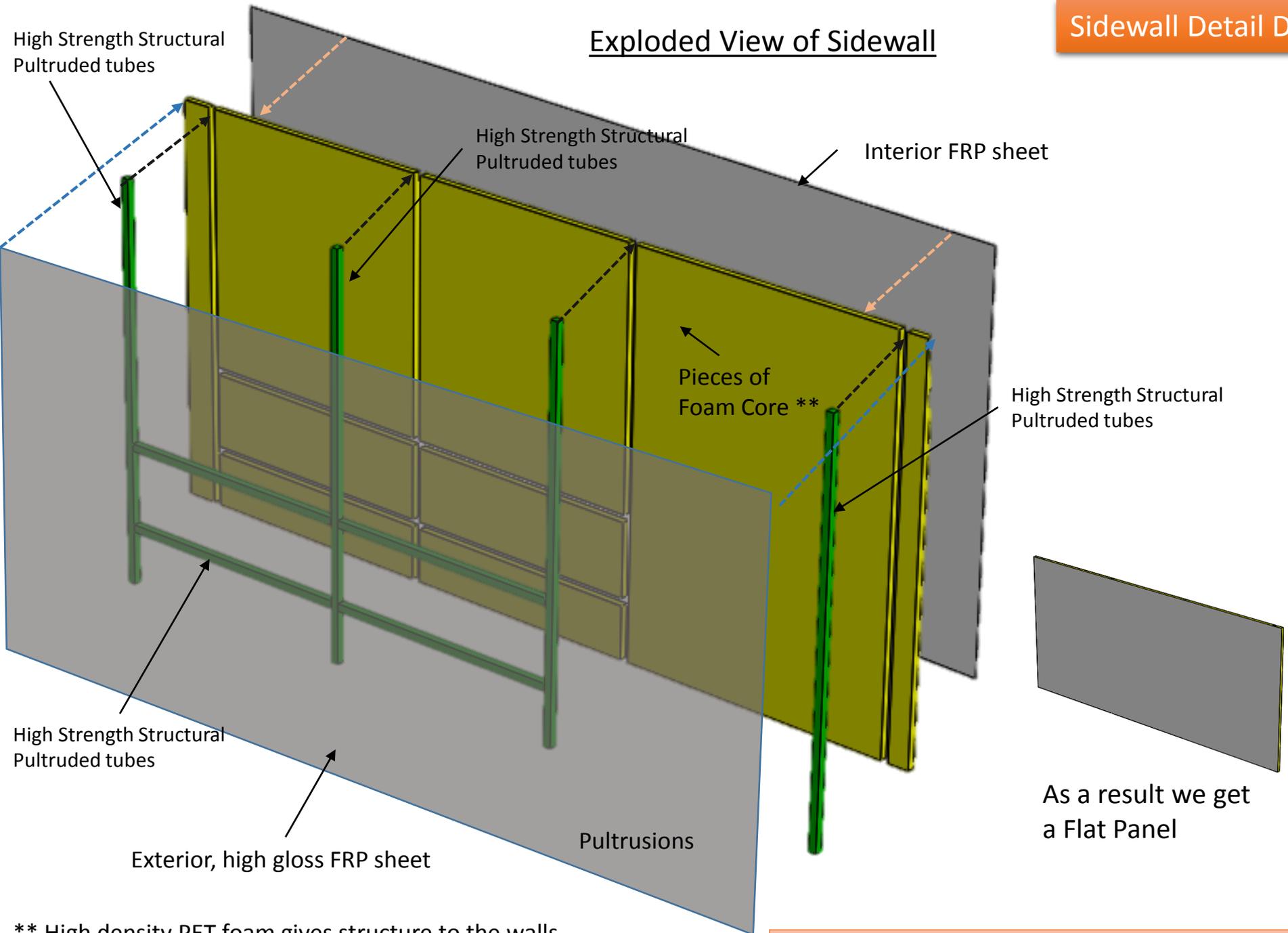
Sidewall sandwich panel

U channel, Integral Part of steel chassis



The sidewall slides into the U channel in the chassis

Exploded View of Sidewall



High Strength Structural Pultruded tubes

High Strength Structural Pultruded tubes

Interior FRP sheet

Pieces of Foam Core **

High Strength Structural Pultruded tubes

High Strength Structural Pultruded tubes

Exterior, high gloss FRP sheet

Pultrusions

As a result we get a Flat Panel

** High density PET foam gives structure to the walls

Frontrunner® FMVSS 220 Rollover Test Summary

15220EXPLORER REV. A

SECTION 5

5.0 TEST RESULTS

5.1 SUMMARY

Based upon the tests performed, the 2015 Dodge ProMaster Front Runner Mini Bus appears to meet the requirements of CMVSS/FMVSS No. 220.

5.2 TEST SUMMARY CHART

TEST NO.	TEST DATE	CURB WEIGHT (LBS)	REQ'D FORCE (LBS)	MAXIMUM FORCE APPLIED (LBS)	PASS OR FAIL
7353	12/16/15	7100	10,650	11,052	PASS

UVW 7100 X 1.5 = 10,650 TEST WEIGHT

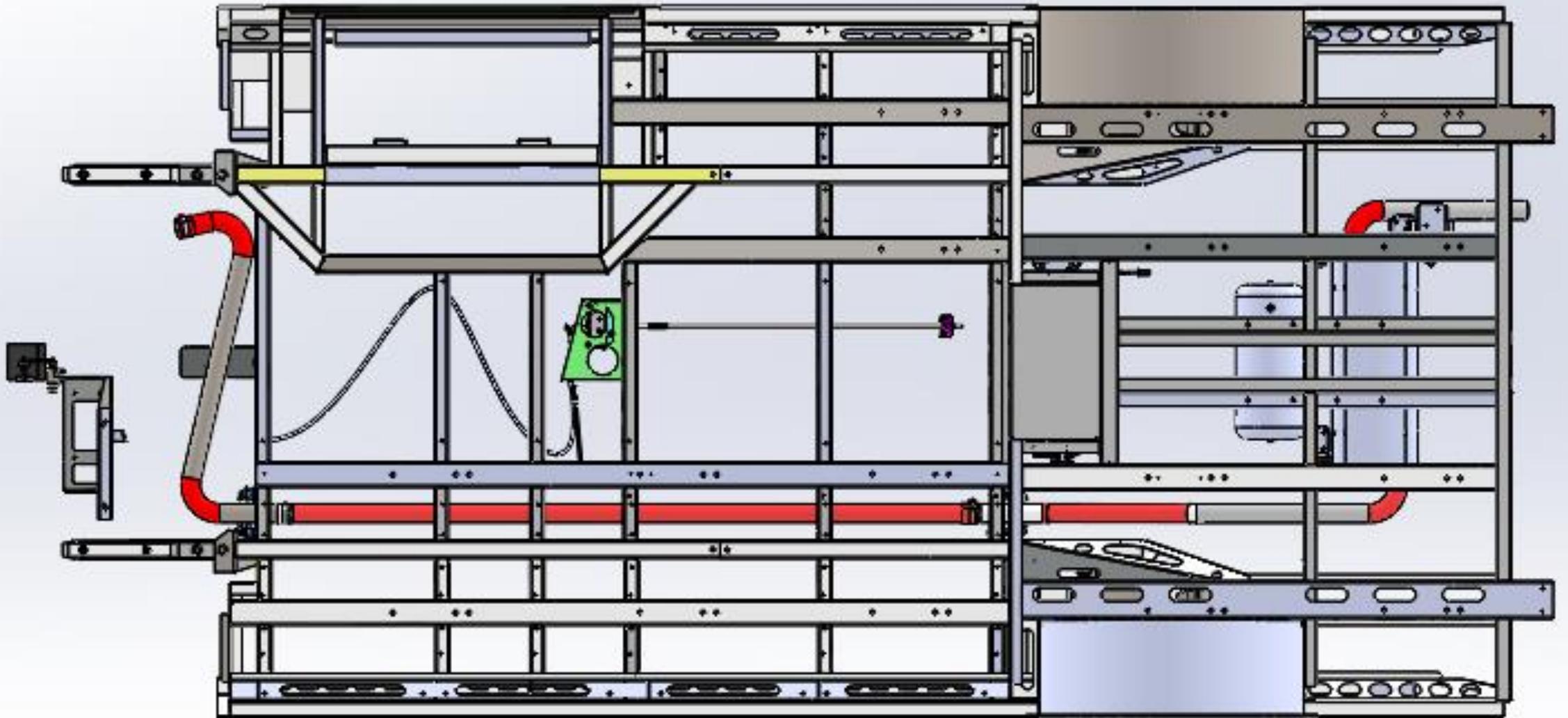
Test Report and Video Available



WV DOT

10-2a Chassis Frame

Frontrunner® Chassis – Material – Nucor Steel





WVDOT

10-2a Frontrunner 1-Page Specifications

Frontrunner Standard Specifications

CHASSIS

- Ram Promaster 3500 Cutaway
- 9,350 lbs. GVWR
- 24 Gallon Fuel Tank
- Single 800 CCA Maintenance-Free Battery
- 220 AMP Alternator
- Purpose-Built Low Floor made with High Strength, Lightweight Steel – 3 Times Yield Strength of Traditional Steel
- Hot-Dip Galvanized Chassis for Superior Corrosion Resistance
- 179.8" Wheelbase
- 3.6L V6 Pentastar Gas Engine
- 6-Speed Automatic Transmission with Overdrive
- Front Wheel Drive
- ABS
- Heated/Remote Exterior Rear View Mirrors with Turn Signal
- Extra Wide Rear Axle for Added Stability and Tight Turning Radius
- Rear Self-Leveling Air Suspension with Kneeling

BUS STRUCTURE

- Patented Advanced Composite Body Structure
- Meets All Applicable FMVSS as well as FMVSS 220 for School Buses
- Fully ADA-Compliant
- Exterior Length 22' 8"
- Exterior Width 96"
- Exterior Height with Roof A/C 110"
- Sandwich-Type Composite Side and Roof Panels with Embedded Pultruded Beams
- Fixed Touring Windows – 46" x 41" with (1) 54" x 34" Egress Window per Side
- Coosa Composite Subfloor Guaranteed not to Rot or Mildew for Life of Vehicle
- ONLY bus in its Class to Complete Altoona PASS/FAIL Test – 5 Years/150,000 Miles - Scored 91%
- Fully Buy America Compliant
- Available for FTA Procurements

- Step-in Height of 10.75" with Standard Suspension or 9.75" with Optional 4-Corner Smart Air Suspension
- LED Exterior Light Package
- 41" A & M Electric Bi-Fold Door

INTERIOR

- Lightweight, High-Strength Gas Spring Assist Aluminum Wheelchair Ramp with 1:6 Ratio as Measured from the Door
- LED Interior Light Package
- Flexible Seating up to 14 Ambulatory Passengers and 3 Wheelchairs
- Interior Width 89.35"
- Interior Height 87.8" Front/76.6" Rear
- Commercial Grade Non-Slip Transit Flooring
- Freedman GO-ES 3-Point Seats
- Freedman Wall Seats
- RT6595 Roof-Top Air Conditioning and Heat with Temperature Sensor, 65,000 BTU Cooling and 95,000 BTU Heat
- OEM Back-up Camera
- Bluetooth Capabilities
- Q'Straint Q-8300 Deluxe Slide 'n Click Wheelchair Restraints

POPULAR OPTIONS

- 4-Corner ECAS Air Suspension with Kneeling
- Ventura Electric Plug-Style Sliding Passenger Door with Exterior Door Switch
- Security Cameras
- Walker Rack
- Destination Signs
- Upgraded Upholstery
- Luggage Rack
- Electric Ramp with Single Lever Override
- Q'Straint Q-UBE
- Wireless Stop Request System Custom
- Exterior Vinyl Wrap

CALL FOR MORE INFORMATION!
(800) 866-9247



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10-2a Frontrunner ECAS System Features

Electronically controlled Air Suspension

1. Wabco Electronically Control Unit (ECU)

- 12V electronic system maintains the accurate levelling of chassis height through the use of sensor

2. Wabco Height Sensor

- 1 installed on the front axle and 1 installed on the rear axle. The ECU uses sensor information to determine vehicle chassis height.

3. Wabco Valve Block (Solenoid Valve unit)

- Solenoid valve with plastic body to reduce weight and increase component life

4. Air Compressor – Viair 480C

- 100% duty cycle electric compressor IP67 certified. Fully Protected against dust and water immersion of up to 3 feet

5. Air Dryer – Parker Racor

- The integral purge chamber stores clean dry air needed to regenerate the desiccant system at every purge cycle.
- At the heart of the system is high performance synthetic zeolite desiccant O the most efficient, most durable on the market
- The unique characteristics of zeolite desiccant also mean longer intervals between change outs.
- Highly compressed, randomly woven metal mesh screens provide two stages of filtration to enhance desiccant performance in separating moisture and oil from the compressed airstream.
- Rugged, durable construction is a Racor trademark, evidenced by the die cast aluminum platform.
- The thermostatically-controlled heater engages at 39° F, freeze-proofing air dryer in cold climates.

6. Air Tank 5 Gallon – Via Air

- 150 PSI rated
- Temperature rating: -40° F - +176° F

7. Pressure Switch – Parker PPS1 (mounted on Air Dryer to control the air compressor cut in/off)

- Long Life elastomer diaphragm
- High quality snap action switch

- *Field Adjustable*
- *Compact design*
- *Temperature range: -40° F to 220° F*

8. Pneumatic Fittings: Parker Prestomatic

- *Robust, all brass push-to-connect fitting*
- *Meets DOT FMVSS 571.106*
- *Meets SAE J2494 & SAE J2494-3*
- *Brass Collet*
- *Buna N O-ring*
- *Stainless steel Tube Support*

9. Air Tubing – Parker Parflex 1120 Series

- *100% pressure tested*
- *Excellent UV stability*
- *Abrasion Resistant*
- *Kink resistant*
- *Less downtime due to kinking failure*
- *Meets SAE specification J844*
- *Meets DOT FMVSS 49CFR 571.106*



WVDOT
10-2a HVAC

New England Wheels, Inc. - HVAC

	<p>Air Conditioning System</p>	<p>HEAT/ AC Prep Package: RT6595 Roof Mounted Evaporator / Combo Cool 55K BTU's/ Heat 95K BTU's Max Dual Compressor Ducted A/C System. Both A/C and Heating systems are controllable by switches in the driver's dash and overhead control panel. Pro Air RT6595 roof mounted evaporator/condenser dual A/C and Heat Max Dual A/C compressor system. 70,000 BTU's Cooling including 15,000 BTU's cooling from the OEM dash mounted air conditioner. There are 95,000 BTU's heat form the ProAir unit and 15,000 Btu's heat from the OEM dash mounted heater. High pressure protection 'O' ring connection. Two sealed high capacity 11" fans. Two 78" interior ducts with 5 adjustable louvers per side. Air flow rate of 1150 CFM (cubic feet per minute) minimum. Diagnostic outputs and system protection include high pressure, low pressure. Compressor drive belts due to the nature of the Promaster 3500 are not automatic tensioning. Compressor displacement is 155cc. Neither the OEM dash unit nor the ProAir unit contains a sight glass. The compressor input is rated at 6,000 RPM's constant and 8,000 RPM's maximum under a down shift. All air passes through the evaporator filter system. Condensation drains (2) allow water to drain to the B pillars on the bus. The evaporators use a combination of free blow and ducted operation to achieve and maintain and even air flow and temperature environment. Heating/Cooling on the auxiliary units uses an automatic temperature control set by the driver in an overhead control panel. See photo.</p> 
	<p>Air Conditioning Installation</p>	<p>The A/C/ Heat unit is roof mounted and does not interfere with the OEM chassis system or reliability. Evaporators are installed on the roof and do not present a danger to head injury. Hoses lines and cables pass through grommet holes as required. Silicone and urethane sealers are used as required. Stainless steel hardware is used for mounting. The A/C Heat unit is bolted to the roof with stainless bolts, not screws. The unit is located on the roof and covered with a weather guard and necessary inlet/outlet ducting as provided by the manufacturer. Charging and monitoring ports are located under the hood within easy access with caps to prevent dust/water intrusion.</p>
	<p>Air Conditioning Performance</p>	<p>The Company has simulated and passed the Florida Pull Down test at its facility in Billerica, MA. Details of the test are available.</p>
	<p>Heating</p>	<p>The passenger compartment is heated from the rooftop unit using heater cores with vents to heat the interior. The flat floor entrance to the Fronrunner does not contain a stepwell.</p>



WV DOT

10-2a NEW Brochure



THE LOW FLOOR YOU'VE BEEN WAITING FOR

U.S. Patent #s 9,302,709 & 9,988,102

The Future of Commercial Transportation



European inspired design challenges the typical American bus, offering exceptional passenger entry convenience, quiet rattle-free ride, outstanding visibility, attractive appearance, low maintenance costs, and best in class fuel economy.



 **MEETS**
BUY AMERICA



Breakaway From Ordinary
Separate Yourself From The Pack



Flat floor offers wheelchair occupants the comfort, security and convenience unavailable in a typical theater seating design. Light-weight fold-out ramp exceeds the proposed ADA 1:6 standard and offers what no other traditional wheelchair lift can—space savings and reliability.

Smart air-suspension, standard on every FrontRunner, communicates with the vehicle's on-board body computer to self-level, even lowering the vehicle's nose at highway speeds for improved aerodynamics and fuel efficiency.

Front-wheel drive offers the security of better traction in inclement weather and a better turning radius than a comparably sized rear wheel drive mini-bus.

With room for 15 passengers and up to 3 wheelchairs (8 passengers with 3 wheelchairs) the FrontRunner does not require a commercial driver's license (CDL). Low step-in height in the kneeling position of 9.75" bests the competition by almost 20%.



Chassis & Body Structure

Engine - 3.6L Pentastar V6 Transmission
Transmission - 6-Speed Automatic Transmission
OEM Cutaway - RAM 3500 Promaster Cutaway
GVWR - 9,350 lbs.
Lowered Floor - N.E.W Proprietary
High Strength Lightweight Steel Proprietary
Lowered Floor chassis provides 3x the yield strength of traditional steel structures.
Galvanized coating for superior corrosion resistance.
Bus structure covered under US Patent # 9,302709 B1 other Patents pending

Bus Structure

Patented Advanced Composite Design (other Patents Pending)
Warranty OEM - 3 years 36,000 miles
Warranty Bus structure - 3 years 50,000 miles

Technical Specifications

- » Wheelbase - 179.8"
- » Ride Height - 12.8"
- » Step-In Height (Kneeled Position) - 9.75"
- » Overall Length - 22' 8"
- » Overall Width - 93.2"
- » Lightweight gas spring assist fold-out aluminum ramp 34" x 60"
- » Overall Height (Excluding A/C Unit) - 102.3"
- » Interior Width - 89.6"
- » Interior Height - 87.8"/79.4"
- » Clear Door Opening - 41.5" 1.5 million cycle tested
- » Aisle Width - 20" (without seat arm rests)
- » Angle of Approach - 18.6°
- » Angle of Departure - 12.8°
- » Breakover Angle 11.25°
- » Uniform Ground Clearance 9.25"
- » Meets All Applicable FMVSS Requirements

FRONTRUNNER™ ELECTRONIC CONTROLLED AIR SUSPENSION SYSTEM (ECAS) WITH OptiRide™



Highly durable in cold climates. Air drying system tested in extreme weather conditions, from -22°F to +158°F.



System computer continuously monitors vehicle height on each axle.

As more passengers enter the vehicle the system adjusts the ride automatically.



Aerodynamically lowers the vehicle at highway speed for improved Ride performance and fuel efficiency. Enables fuel saving of up to 5 % and Highway Mileage of up to 18 mpg.



Kneeling system can be calibrated & remotely diagnosed using Bluetooth/WIFI from a remote location.



100% duty cycle electric compressor
IP67 Certified.

Fully protected against dust and water immersion of up to 3 Feet.



Rapid lifting and lowering of bus, automatically recovers the vehicle height at a speed of 5 mph with no required driver interaction.

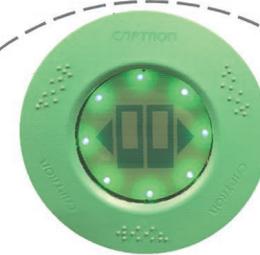
FRONTRUNNER™ FULLY ELECTRIC, DUAL LEAF, PLUG-RAPID SLIDING DOOR



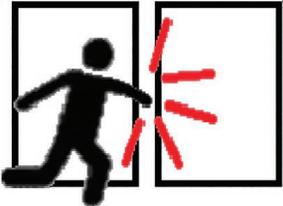
for performance and safety.



Best in class clear opening of 41.5" for faster passenger boarding.



LED lit- touch button for easy door opening from the outside.



Obstruction detection during closing automatically reverses door for passenger safety.



Speed obstruction detection and safety stop for pedestrian safety.



Plug Door provides wind noise and rattle free ride.



Plug Door provides superior water tight seal.

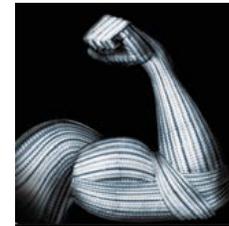
FRONTRUNNER™ CHASSIS EXCLUSIVE FEATURES



In Technical collaboration with Coxx mobile systems, New England Wheels has developed a proprietary low floor bus chassis on the Promaster platform for the U.S. market.



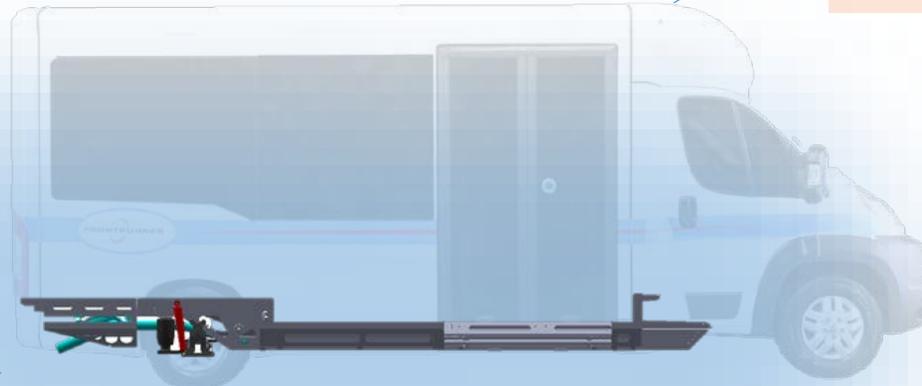
Patented Lightweight bus technology



STRENGTH LIES IN STEEL

The X-low chassis is built with high yield strength steel of 101,500 PSI compared to traditional steel of 32,000 PSI.

Proud recipient of



All steel parts are Hot Dip Galvanized (ISO 1461) for superior rust proofing and long term durability.

OptiRide™

Certified by Meritor Wabco
The Computerized calibration of suspension airbags provides unmatched comfort and reliability.

Hot Dip Galvanizing
The best protection inside and out

This process acts as a barrier between the environment and the steel structure. Even if the galvanized coating gets damaged and the steel gets exposed to moisture or debris, the zinc through a galvanic process protects the steel from corrosion.



FRONTRUNNER™ GAS ASSIST – LIGHT WEIGHT MANUAL WHEEL CHAIR RAMP

1:6 slope ratio.
Exceeds ADA requirement of 1:4.



lightweight
Built with high strength Aluminum extrusions, anodized for heavy duty commercial use. Rated at 800lbs weight capacity.



All mechanical parts provide long term durability & maintenance-free operation.



Flat bus floor at entry ensures safe and easy boarding.



Gas spring assist provides low effort for opening and closing the ramp.



Triangular indentations provide excellent slip resistance. Holes in the ramp allow moisture to drain.

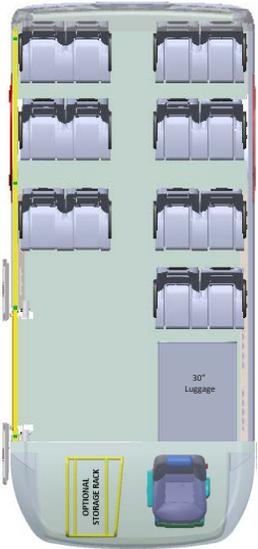


FRONTRUNNER™ COMPARED TO COMPETITION

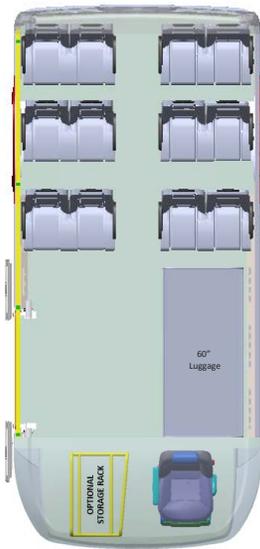
	FEATURES	FRONTRUNNER™	COMPETITION
	Step-in height after kneeling	9.75" ✓	11.3"
	Wheel chair Ramp Ratio	1:6 ✓	1:5
	Interior Height at center aisle	87.84" ✓	83.8"
	Clear door opening with handles	41.3" ✓	35"
	Clear door height	76.25" ✓	75.4"
	Window Size and Visibility	Large ✓	Small
	High strength steel chassis of 105,000 PSI	STANDARD ✓	N/A
	Hot dip galvanized chassis	STANDARD ✓	N/A
	Sidewall Structure	FRP Structural Composite ✓	Steel
	Door Type	Plug Sliding ✓	Folding
	Composite floorboard panels	STANDARD ✓	N/A
	Pressure activated sensitive edge on door	STANDARD ✓	N/A
	Lowest point between axles	7.5" ✓	6"
	Ground Clearance at center	9.25" ✓	8"
	Floor at Door Entry	FLAT ✓	SLOPED
	Interior floor surface at entrance	FLAT ✓	SLOPED
	Floor Surface – Wheelchair positions	FLAT ✓	SLOPED
	High speed suspension aerodynamics	STANDARD ✓	N/A
	Tail light Assembly integrated into body style	STANDARD ✓	N/A
	FRP-Composite light weight bumper	STANDARD ✓	N/A
	Roof Structure	Reinforced Aluminum Composite ✓	Steel

Seating Plans

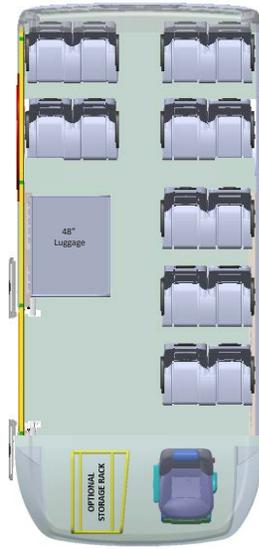
SHUTTLE



140L



120L



140ML

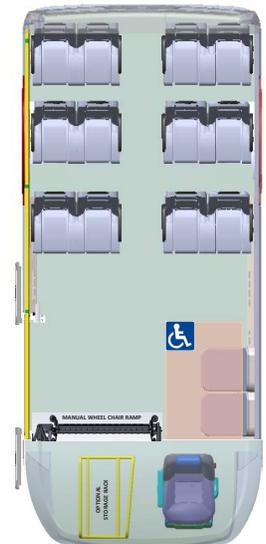
SHUTTLE & MOBILITY



121L



101XL



121

Authorized Dealer:

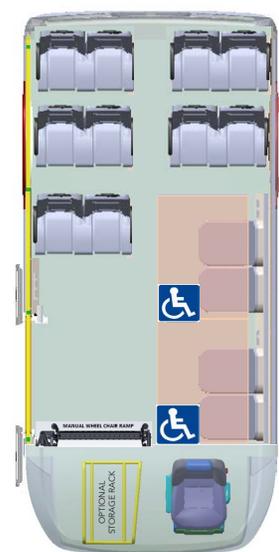
MOBILITY



102



083



102C



Proven Quality. Trusted Name.

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WV DOT

10-2a Proair RT6595 Specs

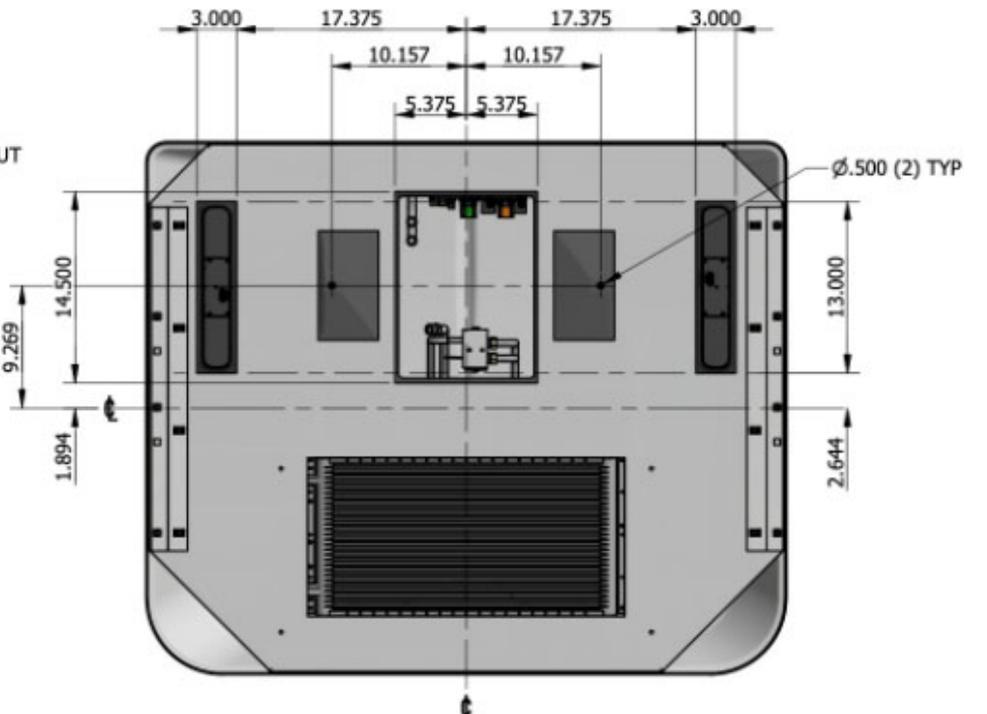
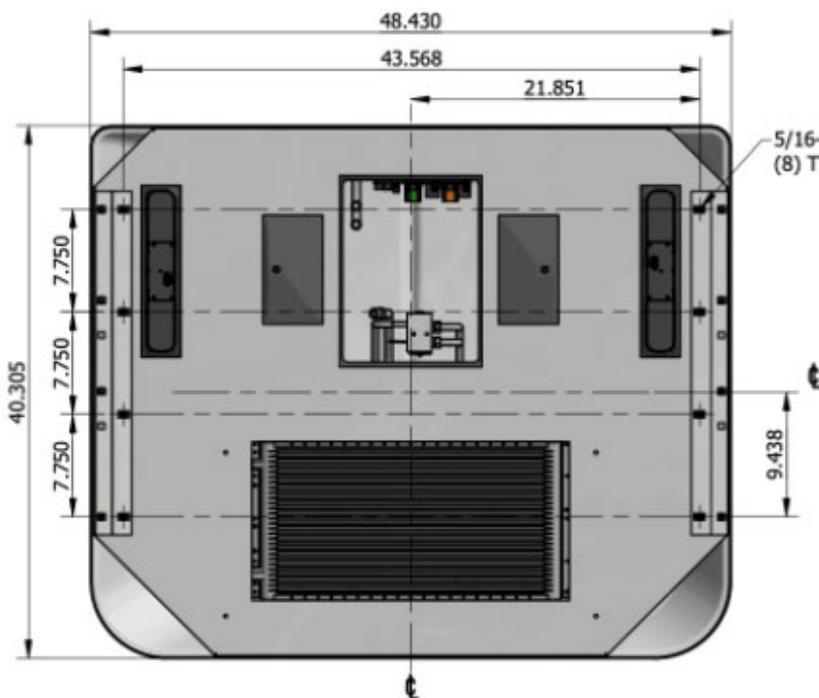
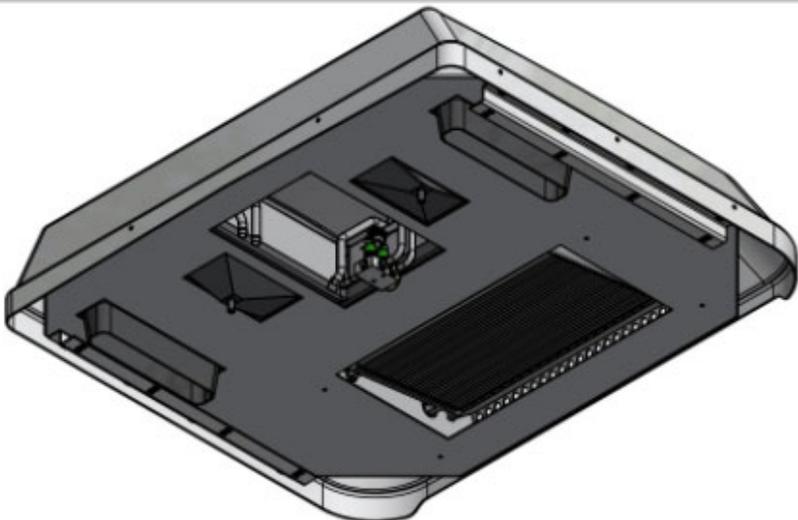


RT6595



The RT6595 is designed for use in Mercedes Sprinter, Ford Transit, and Dodge.

- LIGHT WEIGHT RUGGED ALUMINUM FRAME
- ATTRACTIVE UV RESISTANT COVER IN "WHITE OR BLACK"
- INTEGRAL FILTER DRIER AND RECEIVER WITH SIGHT GLASS
- HIGH PRESSURE PROTECTION
- O-RING CONNECTIONS FOR MAXIMUM LEAK PROTECTION
- TWO SEALED HIGH CAPACITY 11" FANS
- ENHANCED COPPER TUBE ALUMINUM FIN COILS
- COOLING: 65,000 BTU
- HEATING: 95,000 BTU
- CFM: 1150
- AMPS COOLING: 52 AT 13.5 VOLTS
- AMPS HEAT: 33 AT 13.5 VOLTS
- WEIGHT: 98LBS



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REV. 1

LET. NO.		REVISION	BY	DATE	APPROVED
1	X	PROTO ISSUE	XX	XX	

SIGNATURES		DATE
DRAWN	CEB	8/21/18
CHECKED	XXX	9/8/10



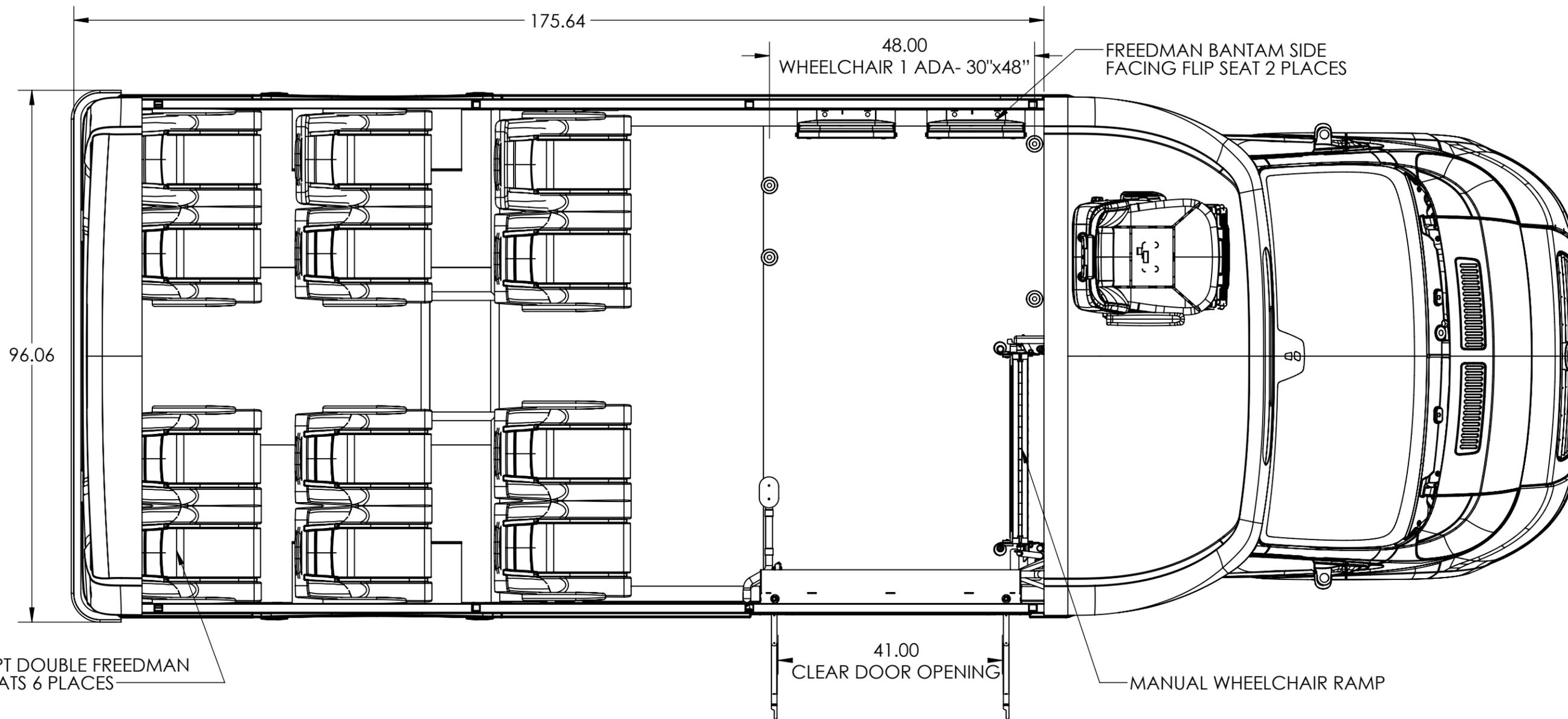
TITLE:	ROOF TOP UNIT
USAGE:	X

PART NO.	RT6595 MOUNT
SCALE:	X
SIZE	A
SHEET	1 OF 1



WVDOT

10-2b BC-Floor Plan 12 & 1



ALL DIMENSIONS ARE IN INCHES.

WHEELBASE: 179.8"

OVERALL HEIGHT (WITHOUT AC): 102.98"

RIDE HEIGHT: 12.75"

STEP IN HEIGHT (KNEELED POSITION): 9.75"

INTERIOR WIDTH: 89.6"

INTERIOR HEIGHT: 87.8"/76.5"

Assumed weight for Maximum GVWR
 150 LBS per Ambulatory Passenger
 300 LBS per Wheelchair Position
 # of overall seats may be affected by different weight designations.

UNLESS OTHERWISE SPECIFIED PRIMARY DIMENSIONS ARE IN INCHES. DIMENSION AND TOLERANCE REQUIREMENT SHOULD BE INTERPRETED PER ASME Y14.5M-1994.
 PRIMARY IMPERIAL DIMENSIONAL TOLERANCES
 X.X +/- 0.1
 X.XX +/- 0.03
 X.XXX +/- 0.010
 ANGLES: +/- 0.5

CRITICAL CHARACTERISTIC: ▽

DO NOT SCALE DRAWING

DRAWN BY: mpatel

DATE: 10/27/2020

WEIGHT IN LBS:



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DESCRIPTION:

121 FLOORPLAN

MATERIAL: FINISH:

ECR NUMBER: SCALE:

DWG NUMBER: **FR-121** REV: **1.1**



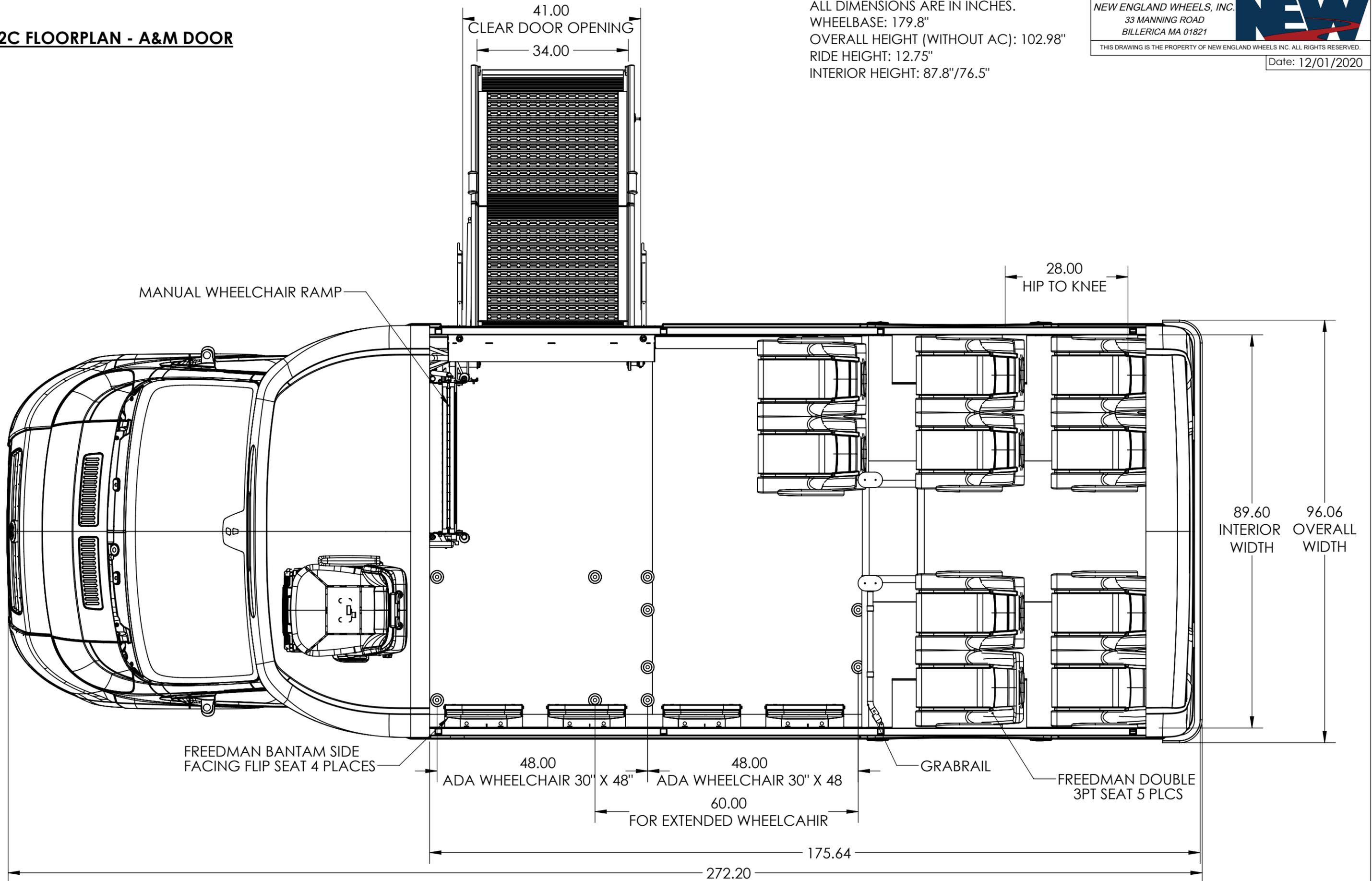
WV DOT

10-2b DE-Floor Plan 10 & 2

102C FLOORPLAN - A&M DOOR

ALL DIMENSIONS ARE IN INCHES.
WHEELBASE: 179.8"
OVERALL HEIGHT (WITHOUT AC): 102.98"
RIDE HEIGHT: 12.75"
INTERIOR HEIGHT: 87.8"/76.5"

NEW ENGLAND WHEELS, INC.
33 MANNING ROAD
BILLERICA MA 01821
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Date: 12/01/2020

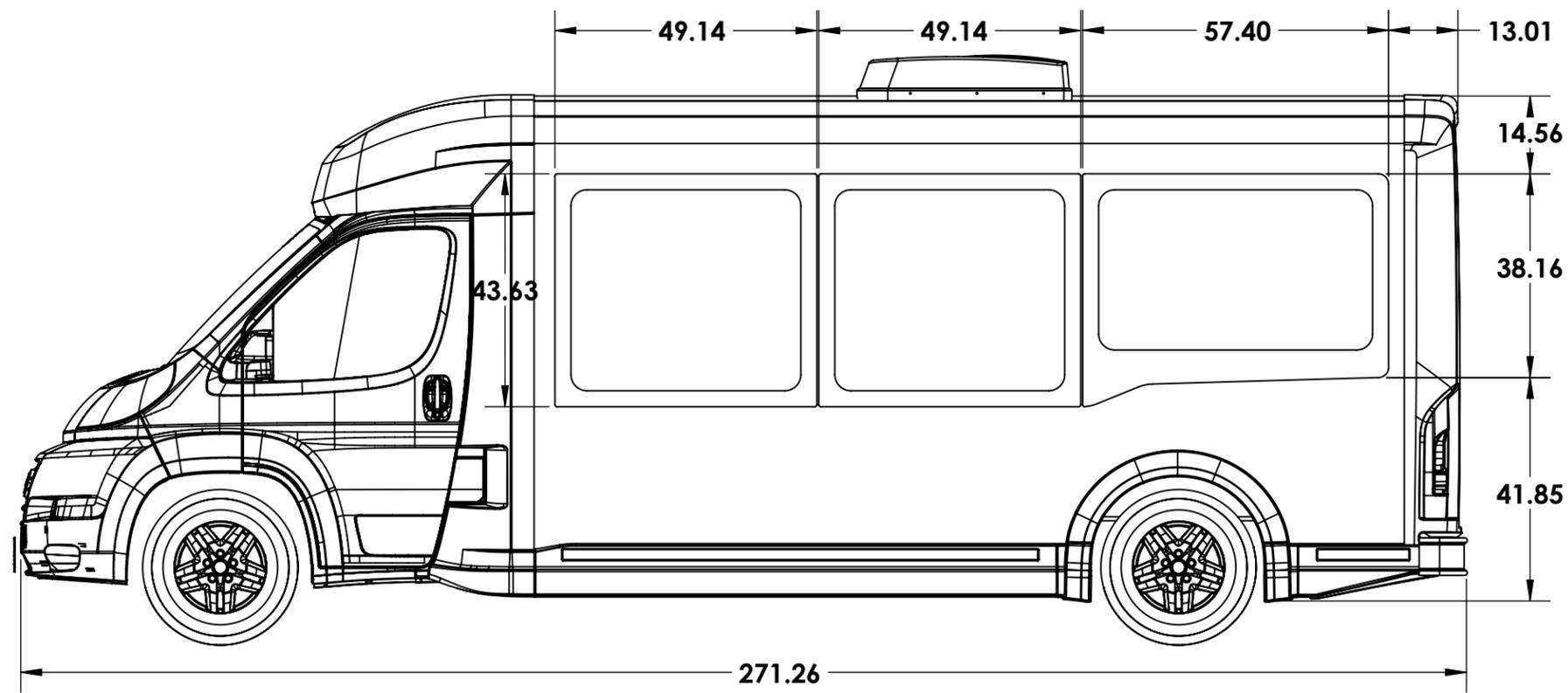
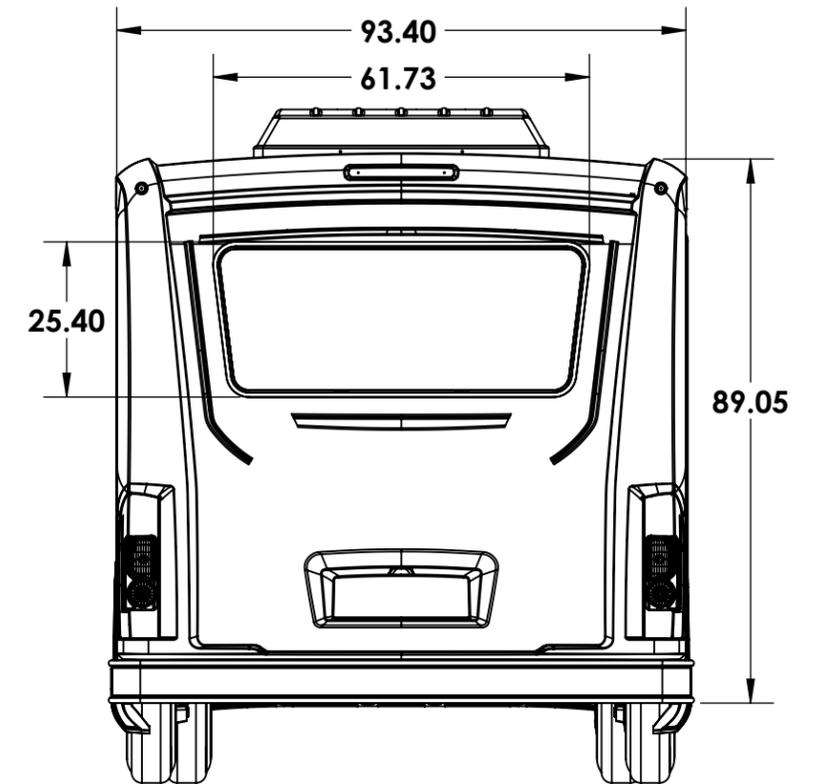
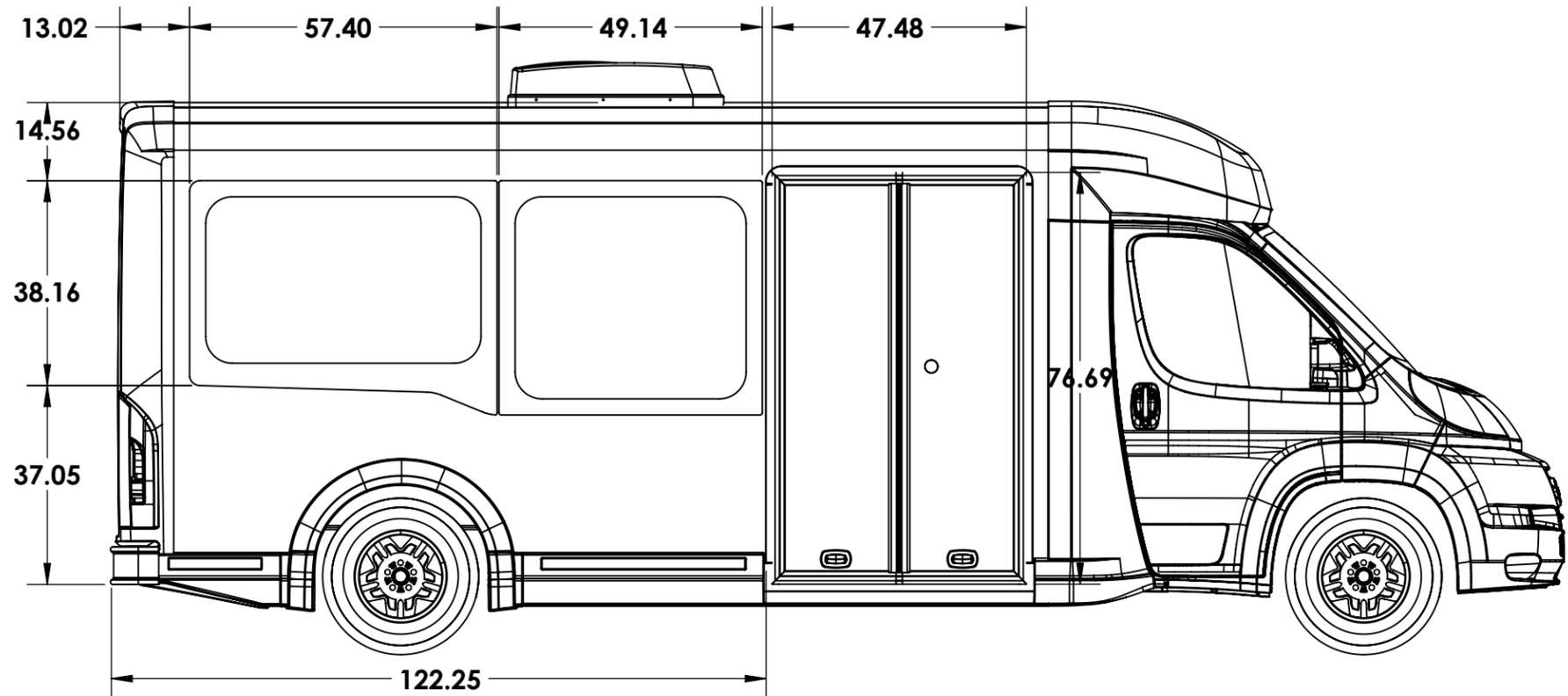




WV DOT

10-2b Elevation with Rear Window Rev 1.2 Scale

1 is to 30



UNLESS OTHERWISE SPECIFIED PRIMARY DIMENSIONS ARE IN INCHES. DIMENSION AND TOLERANCE REQUIREMENT SHOULD BE INTERPRETED PER ASME Y14.5M-1994.

PRIMARY IMPERIAL DIMENSIONAL TOLERANCES
 X.X +/- 0.1
 X.XX +/- 0.03
 X.XXX +/- 0.010
 ANGLES: +/- 0.5

CRITICAL CHARACTERISTIC: ▽

DO NOT SCALE DRAWING

DRAWN BY: MP

DATE: 10/21/2019

WEIGHT IN LBS: NA



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DESCRIPTION: FRONTRUNNER BUS - GRAPHICS

MATERIAL: NA

FINISH: NA

ECR NUMBER: NA

SCALE: 1:30

DWG NUMBER: 152-000-000

REV: 1.2



WVDOT

10-2b FG-Floor Plan 8 & 3

083 FLOORPLAN - A&M DOOR

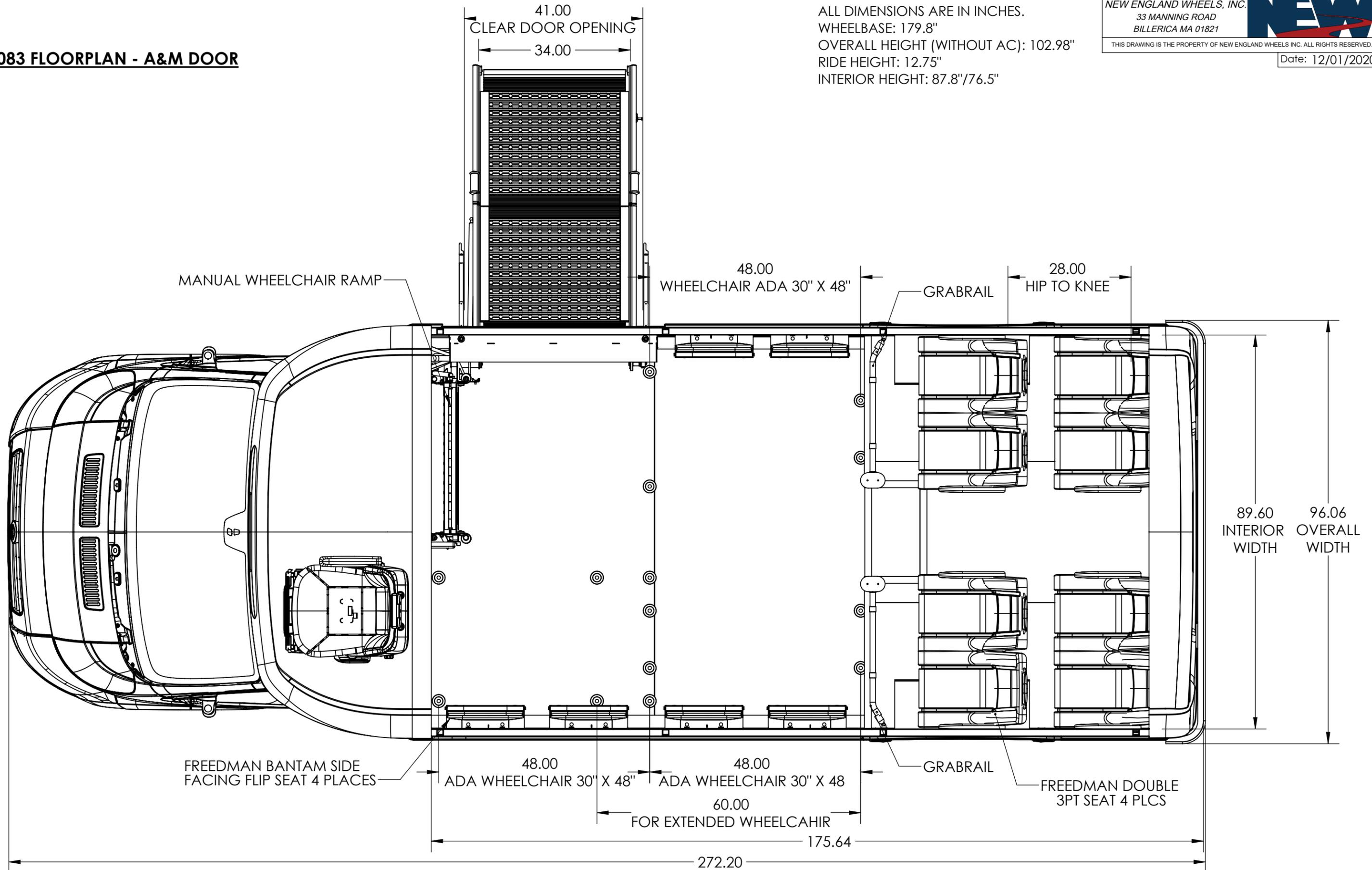
NEW ENGLAND WHEELS, INC.
33 MANNING ROAD
BILLERICA MA 01821



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Date: 12/01/2020

ALL DIMENSIONS ARE IN INCHES.
WHEELBASE: 179.8"
OVERALL HEIGHT (WITHOUT AC): 102.98"
RIDE HEIGHT: 12.75"
INTERIOR HEIGHT: 87.8"/76.5"





WV DOT

10.2h Conversion Location

The Frontrunner is assembled by New England Wheels at their main facility in 33 Manning Road, Billerica MA 01821



WVDOT

10-2i References

New England Wheels has been manufacturing and modifying vehicles for more than 35 years. The Frontrunner is the latest and most innovative product introduced in the last 4 years. There have been no issues with any of our past contracts, and all units were delivered on time. New England Wheels has delivered approximately 95 vehicles to various transit agencies and customers across the country. Below is the list of five past customers you have requested.

Completed Contracts

Completed Contract	Bus Type	Model	QTY	Contracted Party	Completion Date
Niagara Frontier Transit Metro Low Floor Bus Procurement Jeffery Sweet, Equipment Engineer 716.881.4722/jeffrey_sweet@nfta.com	Frontrunner Low Floor	FR-083	3 8	Niagara Frontier Transit 2 nd Award	1/12/2018 7/31/2020
State of North Dakota Contract # 381 Low Floor Bus Procurement (3 yrs.) Dale Bergman Division Director - 701.746.2590/dbergman@grandforksgov.com	Frontrunner Low Floor	FR-083 FR-102	2 1	City Area Transit (CAT) Devils Lake Transit	3/04/2019 3/20/2019
Laketrans Public Transit Low Floor Bus Procurement (3 yrs.) Keith Bare, Dir of Maintenance 440.350.1036/kbare@laketrans.com	Frontrunner Low Floor	FR-102	2	Laketrans Public Transit	5/02/2019
Medicine Hat Transit Alberta, Canada Low Floor Procurement Tibor Domain, Dir of Maintenance 403.529.8110/tibdom@m.h.c.a.com	Frontrunner Low Floor	FR-083	7	Medicine Hat Transit 	02/28/2020
Nashua Transit Nashua, NH Low Floor Bus Procurement Camille Patterson, Transportation Mgr 603.821.2035/pattisonc@nashuanh.gov	Frontrunner Low Floor	FR-083	1	Nashua Transit	03/06/20



WV DOT

99 Altoona Test Executive Summary Only

FEDERAL TRANSIT BUS TEST

Performed for the Federal Transit Administration U.S. DOT
In accordance with 49 CFR, Part 665

Manufacturer: New England Wheels, Inc.
Model: Frontrunner

Tested in Service-Life Category
5 Year / 150,000 Miles

May 2018

Report Number: LTI-BT-R1716

PENNS^TATE



THE
LARSON
INSTITUTE

The Thomas D. Larson
Pennsylvania Transportation Institute
201 Transportation Research Building
The Pennsylvania State University
University Park, PA 16802
(814) 865-1891

Bus Testing and Research Center
2237 Old Route 220 North
Duncansville, PA 16635
(814) 695-3404

FEDERAL TRANSIT BUS TEST

Performed for the Federal Transit Administration, U.S. DOT
1200 New Jersey Avenue, SE
Washington, DC 20590

In accordance with 49 CFR Part, 665

Manufacturer: New England Wheels, Inc.
33 Manning Road
Billerica, MA 01821

Model: Frontrunner

Tested in Service-Life Category
5 Year / 150,000 Miles

Report Number: LTI-BT-R1716




Quality Authorization

Director, Bus Research
and Testing Center
Title

5-18-18
Date

TABLE OF CONTENTS

	<u>Page</u>
EXECUTIVE SUMMARY	4
ABBREVIATIONS AND ACRONYMS	7
BUS CHECK-IN	8
1. MAINTAINABILITY	
1.1 ACCESSIBILITY OF COMPONENTS AND SUBSYSTEMS	21
1.2 SERVICING, PREVENTIVE MAINTENANCE, AND REPAIR AND MAINTENANCE DURING TESTING	24
1.3 REPLACEMENT AND/OR REPAIR OF SELECTED SUBSYSTEMS	27
2. RELIABILITY	30
3. SAFETY	
3.1 DOUBLE-LANE CHANGE (OBSTACLE AVOIDANCE TEST)	32
3.2 BUS BRAKING PERFORMANCE TEST	36
4. PERFORMANCE	41
5. STRUCTURAL INTEGRITY	
5.1 STRUCTURAL SHAKEDOWN – DISCONTINUED TEST	
5.2 STRUCTURAL STRENGTH AND DISTORTION TESTS - STRUCTURAL DISTORTION	45
5.3 STRUCTURAL STRENGTH AND DISTORTION TESTS - STATIC TOWING	57
5.4 STRUCTURAL STRENGTH AND DISTORTION TESTS - DYNAMIC TOWING.....	58
5.5 STRUCTURAL STRENGTH AND DISTORTION TESTS- JACKING	61
5.6 STRUCTURAL STRENGTH AND DISTORTION TESTS- HOISTING.....	64
5.7 STRUCTURAL DURABILITY	67
6. FUEL ECONOMY	75
7. NOISE	
7.1 INTERIOR NOISE AND VIBRATION TESTS	86
7.2 EXTERIOR NOISE TESTS	88
8. EMISSIONS	94

EXECUTIVE SUMMARY

TEST HIGHLIGHTS

The Check-In section of the report provides a description of the bus and specifies its major components. The following table gives the salient specifications.

Manufacturer	New England Wheels, Inc.
Model	Frontrunner
Chassis Make/Model	FCA US LLC / Ram Promaster 3500
Chassis Modified	Yes
Length	22 feet, 6 ½ inches
Fuel	Gasoline
Service Life	5 year / 150,000 miles
Number of Seats (including driver)	15
Manufacturer-Designated Standing Passenger Capacity	0
Gross Vehicle Weight used for testing	9,200
Gross Vehicle Weight Rating	9,350
Mileage at Delivery	6,127
Test Start Date	01/02/18
Test Completion Date	03/14/18

The measured curb weight was 3,680 lb. for the front axle and 3,270 lb. for the rear axle. These combined weights provided a total measured curb weight of 6,950 lb. There are 15 seats including the driver and free floor space for 22 standing passengers bringing the potential total passenger capacity to 37. However, a placard shows that there are to be no standing passengers. Therefore, the gross load represents seated passengers only, for a total of 15 passengers. Gross load is calculated as 150 lb. x 15 = 2,251 lb. At full declared capacity, the measured gross vehicle weight was 9,200 lb. There is a potential to overload this bus with the available floor space for standing passengers.

BUS TESTING BACKGROUND

On August 1, 2016, FTA announced a final rule for bus testing for improving the process of ensuring the safety and reliability of new transit buses. The rule satisfies requirements in MAP-21 to establish minimum performance standards, a standardized scoring system, and a pass-fail threshold based on the score.

FTA's Bus Testing Program (often referred to as "Altoona Testing" due to the location of the main testing center) tests new transit bus models for:

- Maintainability
- Reliability
- Safety
- Performance (including Braking Performance)
- Structural Integrity (including Structural Durability)

- Fuel Economy (Energy Efficiency and Range, for electric buses)
- Noise
- Emissions

Bus models that fail to meet one or more minimum performance standards will “fail” their test and thus be ineligible for purchase with FTA funds until the failures are resolved and validated through further testing. FTA will use this authority to make sure defects are corrected before a bus model can be acquired with FTA funding.

In each application to FTA for the purchase or lease of any new bus model, or any bus model with a major change in configuration or components to be acquired or leased with funds obligated by the FTA, the recipient shall certify that it has received the appropriate full Bus Testing Report and any applicable partial testing report(s) before final acceptance of the first vehicle. In dealing with a bus manufacturer or dealer, the recipient shall be responsible for determining whether a vehicle to be acquired requires full testing or partial testing or has already satisfied the requirements of this part. A bus manufacturer or recipient may request guidance from FTA in making these determinations.

The purpose of the testing is intended set a “Pass/Fail” standard and grade the performance of the buses in order to provide performance information to the transit authorities that can be used in their purchase or lease decisions. The intent of this report is to provide the grantee a relative measure of the performance of a particular model of transit bus against a standard of performance. The passing of this test should ensure a vehicle has a high probability of meeting its service life in the category it was tested.

The data included in this test report and other applicable reports should be reviewed to choose the most suitable bus for a grantee’s operation. A higher scoring bus is not necessarily the best bus for a given application. For example, a bus with a powerful engine may score well because of its performance and gradeability, but another bus with a smaller and more fuel-efficient engine could be a better choice for applications in mostly flat areas. It is the responsibility of the grantee to ensure the proper test report or applicable partial report is in their possession and has been thoroughly reviewed.

The score sheet for the subject vehicle of this test report is provided below. **This bus passed the Altoona test, with an aggregate score of 91.0.**