

Staff Report

To: Board of Directors
From: Colin Woodrow
Date: November 20, 2025

Agenda Item:

5.6 Hometown Electric Trolley

Attachments:

- 5.6.1 Hometown Quote
- 5.6.2 Villager EV Floorplan
- 5.6.3 Villager Technical Specifications
- 5.6.4 Hometown Villager Spec Sheet
- 5.6.5 August 2023 Procurement Documents

Recommendation:

Approve the purchase of a 31-foot Villager Freightliner Electric MT50e from Hometown Trolley of Crandon, WI in the amount of \$562,575.45, plus a 3% contingency.

Discussion:

This vehicle will replace Mountain Line's existing Chance trolley that is beyond useful life and would be prohibitively expensive in time and money to retrofit for extended service. The trolley is a non-revenue service vehicle that provides service to community events, including the farmer's market, the fairgrounds, parades, and special events. Agency staff are considering expanded service opportunities for a new trolley.

Hometown Trolley, a woman-owned family business, is a leading manufacturer of buses in North America. Hometown has produced the Villager for decades, but this electric vehicle is a new addition to the fleet. The vehicle, built with a Freightliner chassis and a Volvo battery management system, includes wood benches, brass poles, and leather handles in the interior. The exterior features mahogany trim, a cowcatcher, and a bell. This is as close to a replacement in design and spirit to a trolley as the agency can deliver.

The staff originally submitted a Hometown Villager EV in August 2023 for a price of \$484,487 with contingency at \$499,022. That contract was never executed due to production delays, testing delays at Altoona, and development delays as Proterra went out of business that required the vehicle to be reworked with Volvo and Freightliner. The price increase over the last two years can be attributed to inflation, a changing bus manufacturing market, and the redesign that factors in different core contractors. Fortunately, the vehicle size has grown in capacity with an additional row of seating and an extended anticipated range.

This procurement utilizes a state purchasing contract from the State of Georgia that was executed in July 2023. The Federal Transportation Administration allows transit agencies to utilize state purchasing contracts from other states. After reviewing the procurement documentation, the staff concluded that 1) the State of Georgia's purchasing contract complied with FTA's standards for full and open competition, and 2) the FTA requirements will need to be added to the agency's purchase agreement.

Financial Impact and Funding Source:

CMAQ funds will be utilized for most of this procurement as stipulated in the TIP. \$432,052 will be from CMAQ and the balance of \$147,400.71 (including the 3% contingency) will come from the fleet reserve fund.

DBE Certified:

No



Hometown Trolley/Coach Price Quote 2025

P.O. Box 185 Crandon, WI 54520

P. 715-301-0149

www.hometown-mfg.com

Georgia DOAS Pricing / Contract #99999-SBD-SBD0000212-0002

Price Quote for:		Mountain Line Transit	11/10/2025	
CUSTOMER NAME:		Colin Woodrow	QUOTE #	8323DH-12
Year	Model	VL208EV - Villager 28' FREIGHTLINER	GVW	Passengers
2026	Villager	ELECTRIC MT50e	23,000	28-30
Date Requested:		No Specification	Totals	



Body and Chassis Base Price see page 2	\$	488,560.00
	\$	74,015.45
Total Cost	\$	562,575.45
Factory Discount/DD		
DLV020 - MANUFACTURER SCHEDULED DELIVERY		
Total Cost		\$562,575.45
Quantity		1
Grand Total	\$	562,575.45

Payment Terms:

\$	562,575.45	Customer has secured in financing
\$	140,643.86	(25%) is due at time of placing the Purchase Order
\$	421,931.59	is due at time of pick up or delivery.

****Customer is responsible for all taxes and licensing requirements** Quote good for 30 Days****

Customer:			
Company	Mountain Line Transit	Address	
Contact Name	Colin Woodrow	City, St, Zip	
Title	Director of Capital Projects	Phone	
Email	cwoodrow@mountainline.com	website	

Purchaser Signature		Double K, Inc. d/b/a Hometown Trolley Signature	
		<i>Kristina Renee Dumow</i>	
Title	Date:	Title: President	Date: 11.10.2025

Notes/Comments:			



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Price Quote for: Mountain Line Transit		11/10/2025	
CUSTOMER NAME:	Colin Woodrow	QUOTE #	8323DH-12

Trolley Upgrades/Options in addition to base price

(in some cases replaces what is listed as standard equipment)

Part # / Description	Each	QTY	Extension
CHASSIS OPTIONS			
CH0480 - FREIGHTLINER MT50 PLATFORM W VOLVO BATTERY SYSTEM	\$ -	1	\$ -
CH0045 - ALCOA ALUMINUM WHEELS	\$ -	1	\$ -
Electrical Options:			
Standard - STANDARD WIRING WITH PRINTED WIRE	\$ -	1	
EL0200 - INVERTOR FOR 110v OUTLET FOR DECORATIVE LIGHTING	\$ 1,282.00	1	\$ 1,282.00
EL0080 - DRIVER FAN, EACH	\$ -	1	\$ -
EL0080 - DRIVER FAN, EACH	\$ 132.00	1	\$ 132.00
AUDIO VIDEO OPTIONS:			
Standard - AM/FM/CD/IPOD/USB WITH 4 SPEAKERS	\$ -	1	\$ -
AV0120 - PAGE SYSTEM REI W/ 4 SPEAKERS	\$ -	1	\$ -
AV0340 - SAFETY VISION 9 CAMERA SYSTEM	\$ 12,980.00	1	\$ 12,980.00
AV0100 - PAGE, SPEAKER EXTERIOR (EACH)	\$ 135.00	1	\$ 135.00
AV0160 - REI FLEX NECK GOOSENECK MIC	\$ 283.50	1	\$ 283.50
Flooring Options:			
Standard - Altro Transit One Piece Floor - CAYMEN	\$ -	1	\$ -
HVAC OPTIONS:			
HC0020 - VALEO 95,000 BTU W ELECTRIC COMPRESSOR	\$ -	1	\$ -
HC0120 - HEAT CIRCULATION PUMP	\$ -	1	\$ -
HC0160 - PASSENGER AREA HEATER 45,000 BTU	\$ -	2	\$ -
Exterior Options:			
Standard - TOTALLY ENCLOSED BODY	\$ -	1	\$ -
EX0040 - FRONT BUMPER COW CATCHER WOVEN WIRE - BLACK	\$ 877.50	1	\$ 877.50
EX0240 - SPORTSWORKS APEX 3 - 3 POSITION BIKE RACK	\$ 2,497.50	1	\$ 2,497.50
EX0250 - ROSCO HEATED REMOTE MIRRORS	\$ 607.50	1	\$ 607.50
EX0095 - LED HEADLIGHT	\$ -	1	\$ -
EX0140 - EXTERIOR MAHOGANY TRIM PACKAGE	\$ 22,156.00	1	\$ 22,156.00
Paratransit Options:			
ADA020 - LIFT, PACKAGE BRAUN CENTURY, PLATFORM PRIORITY SEATING SIGNS, ADA LOCATION SIGNS, ADA LIGHTING, INTERLOCK, AUDIBLE	\$ 10,847.25	1	\$ 10,847.25
ADA200 - Q'STRAIT SLIDE-N-CLICK (EACH POSITION)	\$ -	2	\$ -
ADA221 - DUAL CHIME SIGNAL, PASSENGER STOP REQUEST BULKHEAD MOUNTED	\$ -	1	\$ -
ADA240 - 2 POSITION FLIP SEAT PERIMETER FOLD UP WITH WOOD SLATS	\$ -	2	\$ -
ADA280 - STORAGE BOX FOR BELTS - HOLDS 1 SETS	\$ -	2	\$ -
Safety Options:			
SA0020 - ESCAPE HATCH STANDARD MODEL	\$ 648.00	1	\$ 648.00
SA0180 - DRIVERS STANCHION, w/LEXAN MODESTY BARRIER	\$ 1,271.00	1	\$ 1,271.00
SA0230 - BACK UP CAMERA- COLOR MONITOR	\$ 918.00	1	\$ 918.00
Interior Options:			



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Price Quote for: Mountain Line Transit			11/10/2025	
CUSTOMER NAME:	Colin Woodrow	QUOTE #	8323DH-12	
Standard - NATURAL OAK INTERIOR WITH TRIM	\$ -		\$ -	
IN0015 - SPIRAL BRASS UPGRADE	\$ 1,710.45		\$ 1,710.45	
IN0240 - NATURAL LEATHER GRAP STRAPS	\$ 74.25	10	\$ 742.50	
IN0340 - NEW VIEW ROLLUP BLINDS FOR DRIVER AREA (EACH)	\$ 384.75	1	\$ 384.75	
Graphics Options:				
Standard - 2 Tone PPG Paint and HT Stripe Package (stock vinyl colors only)	\$ -	1	\$ -	
GR220 - WINDOW ETCHINGS (EACH)	\$ -	13	\$ -	
Fare Collection Options:				
FCD080 - HANOVER LED DESTINATION SIGN W/SOFTWARE AND CONTROL (SYSTEM INCLUDED FRONT LED SIGN , PROGRAMING CONTROLLER PAD, SOFTWARE)	\$ 3,557.50	1	\$ 3,557.50	
FCD100 - HANOVER LED EXTRA DESTINATION SIGN	\$ 1,687.50	1	\$ 1,687.50	
Passenger Seating Options:				
Standard - Vintage style seats with oak slats (per double seat) TROLLEY			\$ -	
Driver Seating Options:				
DRS080 - USSC 9100 AIR SUSPENSION SEAT -BLACK VINYL	\$ 3,712.50	1	\$ 3,712.50	
Extended Warranty Options				
Delivery Options				
DLV020 - MANUFACTURER SCHEDULED DELIVERY	\$ 7,585.00	1	\$ 7,585.00	
Total Options			\$	74,015.45

INCLUDES STANDARD ITEMS:

2026 FREIGHTLINER ELECTRIC MTE STRIP CHASSIS
23.5K GVW
19.5" Tires
Plywood Sub Floor
Standard Rear Bumper
Rear and Front Tow Hooks
Front and Rear Wheel Well Flares
Aluminum locking fuel door
Dash Defroster/ Heat
A & M Electric Entry Door 32" w x 92" high with Header Access
Entry door angled handrailings both sides
Entry exterior toggle switch with cover located under passenger side headlight bucket
Front Driver Area Windows Clear no Tint
Arch Top windows with Egress compliant with FMVSS
Master Disconnect in sealed battery compartment
Interlock Brake and Transmission
Vintage Oak Passenger Seating
Interior Rear Mirror and Convex Mirror
12v Chrome Center Headlight
Clearance Light Chrome Guards
LED Exterior Lighting DOT approved
LED Interior ADA Light , Door Light, Driver Light and Step Well Lighting



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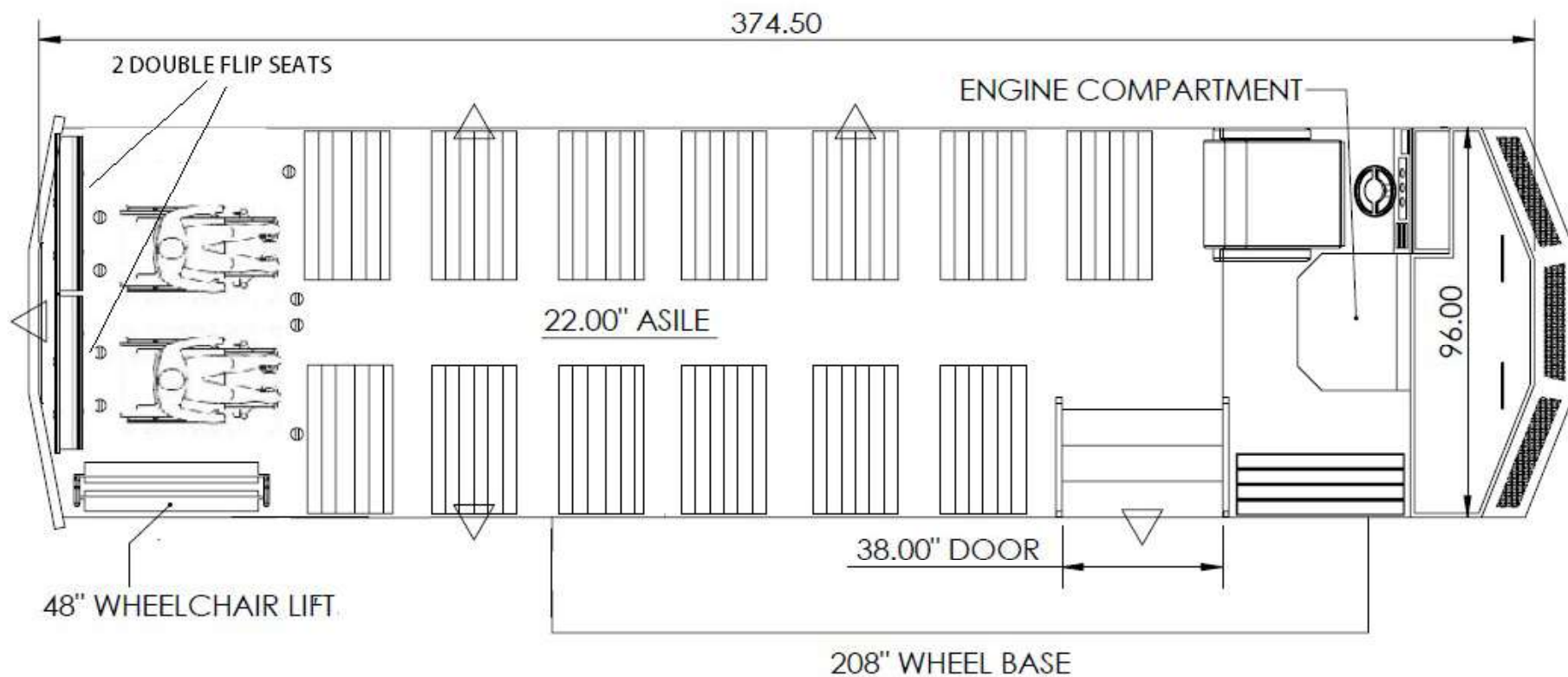
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Georgia DOAS Pricing / Contract #99999-SBD-SBD0000212-0002

Price Quote for:		Mountain Line Transit	11/10/2025
CUSTOMER NAME:	Colin Woodrow	QUOTE #	8323DH-12
All Required Signage Altro Transit Flooring Black Barymat Accousitc driver mat White Step Edges White Standee Line Engine Cover Stainless Steel Handrailings including entry railings and Driver's Guard Oak Panel Interior Back Up Alarm Fire Extinguisher 5lb Triangle Reflector Kit Saftey Kit Undercoating Gong Bell with electrical switch and pull cord, continues rings or pull ding LED Lighting as requested Cupola Windows Paint TBD By Customer			

2

1



△ = EMERGENCY EXIT

	NAME	DATE
DRAWN	TMJ	3/4/16
CHECKED		
ENG APPR.		
MFG APPR.		
G.A.		

COMMENTS:

HOMETOWN TROLLEY

TITLE: VILLAGER
208WB, 32 PASS.

SIZE

A

DWG. NO.

HT2016-FP-103

REV

A

SCALE: 1:40 WEIGHT:

SHEET 1 OF 2

PROPRIETARY AND CONFIDENTIAL

THE INFORMATION CONTAINED IN THIS DRAWING IS THE SOLE PROPERTY OF HOMETOWN TROLLEY. ANY REPRODUCTION IN PART OR AS A WHOLE WITHOUT THE WRITTEN PERMISSION OF HOMETOWN TROLLEY IS PROHIBITED.



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HOMETOWN TROLLEY SPECIFICATIONS

Villager Specifications Hometown Electric - Front Engine **Principal Dimensions**

Length overall – excluding cowcatcher	28' - 32'
Body Width – excluding mirrors	99"
Height Overall	126" max.
Interior Headroom – over aisle	88"
Gross Vehicle Weight Rating	23,000 lbs
Wheelbase	208"
Rear Body Overhang	123"max
First Step Height	13"
Step Risers.....	8.25"
Floor Height	34"-36" max.
Aisle Width.....	22" min.
Clear Door Opening.....	34" min.

1. Body Structure

1.1. *Sub Floor Framing*

1.1.1 The steel sub floor is constructed of 3 inch 16 gauge, carbon steel channel, electrically arc welded together. Cross members are placed on 24 inch centers to add strength and prevent warping of the finished floor. The one-piece integral floor structure is then bolted to the outrigger supports and chassis brackets using steel channel with rubber bushings providing a sill running the length of the chassis rails, with a rubber barrier strip between chassis rail and floor structure to aid in road noise transferring through the structure. The bolted brackets are placed on 32" centers of the chassis rails. The underbody structure is then reinforced with outrigger and gusset supports of steel angle welded from the chassis to the floor to provide strength, rigidity, and integrity to carry the ultimate loads and with stand road shock and vibration fatigue. The floor structure is sealed and sheeted with 26 gauge galvanized sheeting providing a vapor barrier, using 5/8 inch marine grade plywood the base floor is attached to the framing using TEK screws. Each seam is then filled with body filler, and sanded smooth before installing the transit rubber flooring.

1.2. Front, Rear and Side Walls

- 1.2.1. All wall sections are constructed of 1 1/2 inch 16 gauge, box, clean coat, carbon steel tubing, electrically arc welded together in a specialized framing jig. The skirt area from the floor line down shall be constructed of 1 1/2" x 1 1/2" x 1/8" steel angle. Side, front and end fitting members shall be carried to the roofline and constructed to adequately carry the design loads and absorb impact and stress. This application creating a cage like structure that provides strength and durability preventing movement at all joints and stress points. There shall be a center divider structure that is welded from the roof to the wall and floor area providing add strength to the overall cage of the trolley bus. The wall sections are sealed with Sika Flex 221 at all joints and seams. The entire structure is washed with Prep Sol 330 and primed with an epoxy primer, then sheeted with 20 gauges Galvaneal Sheeting using Sika Flex 552 tubes, then riveted with Magna-Lok fasteners to the framing where necessary throughout each panel.

Optional:

The rear passenger area shall have removable window sections with vinyl rain curtains for warm weather.

1.3. Roof

- 1.3.1. The roof structure is made of 1 1/2 inch 16 gauge, box, "clean coat", carbon steel tubing electrically arc welded together to the wall members to prevent drumming or vibrations. The roof shall have a lantern style cupola to maintain the vintage them of the 1800's streetcars. The top of the roof framing is sealed with Sika Flex 221, covered with 3/16 fiberglass shell. Cupola windows are 1/8 inch safety tempered glass. The front and rear have a 6-inch minimum overhang and the sides a 3 -inch minimum overhang.

1.4. Wheel Housing and Step Wells

- 1.4.1. The wheel housing and step wells are fabricated of 12-gauge Galvaneal steel and welded to the floor structure. The wheel housing and step wells are sound deadened and sealed with a rubberized asphalt undercoating to eliminate sound passage to the interior of the vehicle.

2. Paint, Insulation and Undercoating

2.1. *Paint*

2.1.1. The framing is washed with a metal prep wax and grease remover, and then primed with Interseal 670 HS Coating. All exterior panels are prepped with an etching wash, primed with an etching primer PPG 1652, a base primer of PPG DPHS52 low VOC primer, specially designed for aluminum surfaces. The primer is allowed proper drying time and sanded before applying the standard two tone PPG Concept Acrylic Urethane Colors and clear coat. A Standard Vintage pin-striping package shall be installed.

2.2. *Insulation and Undercoating*

2.2.1. The walls and roof are insulated with 1 1/2 inch cell bead board insulation providing R-factor of 0.24 in walls and 0.26 to 0.27 in the roof at 75 degrees F. The engine compartment is properly sealed to prevent heat, noise, and fumes from entering the interior of the vehicle and insulated with a fire and heatproof sand barrier, foil faced Insultech sheeting. No interior body surface temperatures shall exceed 100 degrees Fahrenheit. The entire understructure is undercoated, to a 1/8 inch (minimum) thickness with rubberized asphalt based, emulsion type undercoating, to provide complete protection from oxidation due to the outside elements. All Metal surfaces are washed and primed with a zinc chromate PPG primer before assembly. All underside sections below the floor line are re-sealed after assembly and coated with 1/8 inch (minimum) thickness with rubberized asphalt based emulsion type undercoating.

2.2.2. All fasteners shall be stainless steel. Trim pieces and fixtures installed shall be treated with ECK, an anti-electrolysis corrosion preventive material.

3. Exterior Features

3.1. *Bumpers*

3.1.1. Front and rear bumpers are one-piece, steel fabricated assemblies. The front and rear bumpers are 6 inches in height and designed to follow the contour angles of the front and rear caps. The placement of the bumpers shall be arranged to provide protection against body damage at standard SAE heights. The bumpers shall be PPG painted with a Teflon additive to prevent chipping. There shall be tow hooks mounted underside of front and rear bumpers.

Optional:

The front bumper shall have a vintage cow- catcher made of heavy woven wire and steel construction.

4. Doors

4.1. Access Doors

- 4.1.1. Access doors shall be provided where necessary to service engine, radiator, air conditioning components, batteries, fuel fill, fluids, electrical panels, and all other components or accessories requiring service.

4.2. Entrance/Exit Door

- 4.2.1. An electric operated, outward opening style entrance/exit doorway shall be provided on the curb (right) side, front with a clear minimum opening of 32 inches. Edges on the doors shall have extruded rubber, sensitive edge that overlaps to provide a sealed doorway and safety edge. The doors are operated by an overhead, electric powered, door actuator. A momentary switch controls the doors, which is located to the left of the driver. The doors are designed to open or close in approximately 1.5 to 3.0 seconds.

4.3. Emergency Exit Door

- 4.3.1. There shall be an egress window, emergency door, and or an emergency roof hatch located in the rear of the trolley.

5. Mirrors

5.1. Exterior Mirrors

- 5.1.1. The vehicle shall be equipped with two (2) dual head exterior mirrors, one on each front corner. The mirrors shall be remote control and heated. The top section of the two exterior mirrors, are a flat mirror while the bottom is a convex mirror. They shall be remotely adjustable, and adequate in length, to provide rearward vision. The mirrors are firmly attached to the vehicle in which precludes vibration at a normal speeds, and located so as to reflect to the operator a view of the highway to the rear along both sides of the vehicle. The mirrors are finished in flat black polyurethane enamel paint.

5.2. Interior Mirror

- 5.2.1. An 8 inch convex rear view mirror will be located above and in front of the driver's area, for view of the interior of the vehicle. The mirror is mounted with a swivel point and is adjustable.

6. Mud Flaps, Fender Flares and Rub Rails

6.1. *Wheel wells*

- 6.1.1. The wheel wells have a rubber molded wheel well attachment to the rounded wheel opening.

6.2. *Mud flaps*

- 6.2.1. Shall be installed behind all wheels and extended within 3 inches of the road surface.

7. Windows

- 7.1. Windows and windshields are designed to allow maximum serviceability with minimum maintenance and shall be in accordance with FMVSS571.205.

7.2. *Windshield*

- 7.2.1. There are three windshields to keep the authentic vintage trolley design along with side and rear windows that are arched at the top.

7.3. *Passenger Windows*

- 7.3.1. The passenger windows have a horizontal slider-which latch easily, operable by the passengers. The windows shall have an etching design to add to the vintage appearance.

7.4. *Emergency Exit Windows*

- 7.4.1. There are a sufficient number of emergency exit windows located on driver side, passenger side, and rear of the coach to meet FMVSS 217 for emergency exits.

7.5. *Driver Side Window*

- 7.5.1. The driver's area will have one clear T-slider arched window for easy access to tolls etc

7.6. *Glazing and ratings are as follows:*

- 7.6.1. Windshields: 1/4 inch safety glass AS-1 rating no tinting
- 7.6.2. Driver's windows: 1/8 inch tempered safety glass AS-2 rating no tinting
- 7.6.3. Passenger windows: 1/8 inch tempered safety glass AS-3 rating 31 percent tint
- 7.6.4. Cupola windows: 1/8 inch tempered safety glass AS-3 rating 31 percent tint
- 7.6.5. Entry Door Windows: 1/8 inch tempered safety glass AS-2 rating no tint

8. Windshield Wipers

8.1. Each windshield wiper has a separate, heavy duty, intermittent electrically powered windshield wiper motor. Windshield wiper blades are of sufficient length to clean the windshield surface. Electrically operated windshield washers, with a one-gallon reservoir provided for the windshields and shall be conveniently located for easy filling.

9. Front Grille

9.1. The front air intake grille shall be designed to depict a vintage look, using a woven wire section. The grille shall be finished to match the color of the body. A functional brass center headlight shall be installed for added vintage appearance.

10. Engine Compartment

10.1. The engine compartment shall be fully insulated with a foil faced sand barrier material and interior cover shall be Barymat Acoustic matting. There shall be a firewall of 11 gauge steel between engine compartment and driver's/passenger compartment. There shall be sufficient lighting for servicing in the engine compartment.

11. Interior Finish

11.1. *Floor*

11.1.1. Sub Floor

11.1.1.1. The floor shall be made of 7 ply 3/4 inch marine plywood sheeting, attached to the floor framing with counter-sunk TEK screws. All joints and seams shall be seals and sanded smooth.

11.1.2. Floor Covering

11.1.2.1. Floor covering shall be 1/8 inch thick Altro Transit Flooring in place The floor covering shall be glued to the plywood sub floor and shall be laid smooth without any gaps or bubbles. There shall be a white standee line. The driver's platform and engine cover area shall be covered with Barymat sound deadening acoustic black matting.

11.2. Walls and Trim

11.2.1. All interior walls are covered with a 1/4 inch red oak paneling and trimmed with solid red oak handmade pieces. The roof and cupola are also covered with 1/4 inch red oak paneling and trimmed with handmade solid oak trim pieces. All oak panels and solid oak trim is sanded and finished with 3-5 coats of high gloss two part clear polyurethane. All edges of flooring along wall sections are sealed with a color matching rubberized silicone sealer. Marine varnish is used on any exterior wood exposed to outside elements using a minimum of 5 coats. There shall be oak rails for advertising signs between the wall and the cupola roof area.

11.3. Step Treads

11.3.1. The step assemblies shall be covered with: Altro Flooring step tread rubber with metal backed white or yellow edge nosing.

12. Heating

12.1. Driver Heater/Defroster

12.1.1. The heater/defroster shall be manually controlled to provide the optimum of comfort to the driver in any type of weather. The driver's area shall be heated and ventilated by a separate forced air heater system. Driver's area heat is 52,000 BTU's. The windshield defroster airflow shall be through diffusers mounted on the dash panel below the windows.

12.2. Passenger Heaters

12.2.1. The passenger area heaters shall consist of two units located beneath the seats to evenly distribute the heated air throughout the passenger compartment with a total of 95,000 BTU's. Switches located in the driver's compartment shall control all heating units.

13. Air Conditioning

13.1. The air conditioning units shall be of R134A freon type with a minimum cooling capacity of 120,000 BTU's capable of maintaining a temperature inside the vehicle of not

more than 72 degrees on a 100-degree outside temperature with 80 percent relative humidity. A third compressor shall be installed for increased BTU's for warmer weather climate. All freon lines shall be of barrier type hose that shall be rated for freon 134A use and mounted permanently to the vehicle. Evaporators shall be mounted on each end end of the vehicle, blowing toward center. One facing the rear of the vehicle and one facing the front of the vehicle. The evaporators shall have an easily accessible cleanable filter. A separate control for each front and rear systems shall be located in the driver's area. The condensers shall be located roadside and guards attached to protect from road debris.

14. Stanchions, Guard Rails and Grab Rails

14.1. *Entry Grab Rail*

14.1.1. There shall be a vertical stanchion, guardrail and modesty panel immediately to the left of the entry door. All railing shall be 1 1/4 inches to 1 1/2 inches OD by .050 inch stainless tubing. The guardrail shall be horizontally affixed to the stanchion and the wall of the vehicle at least 27 inches above the floor.

14.2. *Overhead Grab Rails*

14.2.1. Overhead grab rails shall be installed on each side of the trolley, running the entire length of the vehicle affixed to the cupola roof edge. These shall be mounted and securely fastened to the roof. The driver's barrier shall cover the area behind the driver with a modesty panel railing and Lexan shield. The entry shall have a grab rail located on each side of the step well. All required grab rails shall be located according to ADA regulations.

Optional:

Leather grab straps positioned for standee passengers throughout the overhead grab rails.

15. Modesty Panels

- 15.1. Decorative modesty panels fabricated from handrailing with powder coated steel panel. The same modesty panels shall be located at the proper positions in the wheel chair assist areas.

16. Sound System

- 16.1. There shall be a standard sound system consisting of AM/FM radio/CD combination with 4 passenger area speakers and one driver's speaker location in the driver's area.

17. PA System

- 17.1. A hand held microphone shall be attached to the overhead compartment, above and to the left of the driver and be capable of adjustment to the driver's left shoulder neck area. An output jack shall be provided in the operator's area for future installation of a handheld or headset microphone. A foot mounted foot mounted switch is optional to afford hands-free operation of the PA system. The PA system shall also incorporate selected inside/outside/both operation of internal and external speakers.

18. Passenger Signal System

- 18.1. There shall be a passenger signal system using a dual chime indicating the general passenger area stop requested and the ADA area stop requested. The passenger area shall have cording at each seat. The ADA area shall have a touch tape conveniently located to each restraint position. When the stop requested is activated a lighted stop request sign is illuminated and will remain until the doors are opened for passenger exit.

19. Lighting

19.1. Exterior Lighting

- 19.1.1. All exterior lighting shall be LED 12V DC circuits in accordance with FMVSS 571.108.

19.2. Front of trolley:

- 19.2.1. (2)-Headlight assemblies shall be single high/low beam round sealed beam halogen lights and shall have a beauty ring of brass chrome. (J1395).
- 19.2.2. (2)-Amber turn signals shall be provided in the front section of the trolley, as turn, and flasher, (J589, J590b).

- 19.2.3. (3)-Amber identification shall be centered on the top front of the trolley, (J592E)
- 19.2.4. (2)-Amber identification lights shall be placed on each outer corner of the top front, (J592E).

19.3. *Rear of trolley:*

- 19.3.1. (3)-Red identification lights shall be centered on the top rear section of the trolley, (J592E).
- 19.3.2. (2)- Red Identification lights shall be placed on the top outer corner of the rear of the trolley (J592E).
- 19.3.3. (2)-Clear reverse lights shall be placed in the lower section of the rear of the trolley, (J593C).
- 19.3.4. (2)-Red stoplights shall be placed in the lower section of the rear of the trolley, (J1398).
- 19.3.5. (2)-Red taillights shall be placed in the lower section of the rear of the trolley, (J585E).
- 19.3.6. (2)-Turn signal lights shall be placed in the lower section of the rear of the trolley, (J1395).
- 19.3.7. (1)-License plate light shall be placed in the lower section of the rear of the trolley above the license plate. (J587)

19.4. *Sides of the trolley:*

- 19.4.1. (4)-Amber lights shall be placed on the sides of the trolley, (2) one each side of the top front corner, (2) one at each side of the lower front corner, (J592E).
- 19.4.2. (4)-Red lights shall be placed on the sides of the trolley, (2) one each side of the lower rear corner, (2) one each side of the top rear corner, (J592E).
- 19.4.3. (2)-Amber middle turn signals shall be placed on the lower middle section on each side of the trolley.

Optional: Decorative Lighting

An onboard power inverter shall be installed with 2 110v outlets for decorative lighting around the perimeter of the trolley.

20. Safety:

- 20.1. Hazard lights shall be installed on the trolley bus, (J1945, J1910).
- 20.2. (2)-Step well lights shall be installed at each entry/exit doorway.
- 20.3. (1)- Flood type light shall be installed in the wheel chair door area.

21. Interior Lighting

21.1. *Passenger Area Lighting*

21.1.1. All interior lighting shall meet FMVSS requirements. There shall be six (6) interior white, shatterproof, globe style fixtures throughout the roof area of the vehicle. The bases shall be brass finish. Separate switches shall operate the rear and front section of the passenger area.

21.2. *Entry/.Exit Area*

21.2.1. At the entry/exit there shall be an overhead courtesy light that will come on when the door is opened and remain on until the door is closed again. Each step well area shall have (2) step well lights with top covers to shield from glaring light, and one overhead light. The step well lights will automatically come on when the door is opened and remain on until the door is closed.

21.3. *Driver's Area*

21.3.1. Over the driver's area there shall be a separately controlled light for the driver's convenience. There shall be a separate switch controlling the driver's light.

22. Seating

22.1. *Driver's Seat*

22.1.1. A standard driver's seat shall be Freedman mechanical transit seat provided with full adjustment functions.

23. Passenger Seating

23.1.1. Passenger seating in the trolley shall be authentic vintage design of oak slats and cast aluminum scrolled seat ends paint to match the color scheme of the trolley. All seats shall be 34 inches in width and shall have smooth urethane coated finish of a minimum of 3-5 coats. Seating arrangement shall be forward facing, perimeter or a combination.

24. Driver's Console

24.1. *Dash and Instrument Panel*

24.1.1. The driver's console shall be designed for the safety of the operations as well as the comfort of the driver. The forward dash console shall have a complete complement of instrumentation and controls consisting of:

- speedometer with an odometer
- Voltmeter
- Battery level gauge
- parking brake
- high-beam indicator
- directional signal indicator
- headlight beam switch
- radio/CD
- USB plug
- Cup Holder

24.1.2. To the left of the driver shall be all other vehicle accessory switches including:

- a master on/off switch
- A 12V driver's fan shall be mounted in the header area with a driver's control switch located in the switch panel.
- A sun Visor shall be mounted in the header area.
- A Storage box shall be installed on the driver's platform on the passenger side.

24.2. *Horn and Trolley Bell*

24.2.1. A 12V horn shall be located at the front of the vehicle and protected from wheel splash.

24.3. *Trolley Bell*

24.3.1. An electric bell shall be mounted on the top front of the vehicle for the driver to ring manually by a pull cord located to the left of the driver's seat.

25. Electrical Wiring and Panel

25.1. *Electrical System Description*

25.1.1. All wiring shall meet FMVSS. The electrical system shall be 12V, with a PBC electronic circuit board, using relays to allow driver's console switches to operate at lower amperage.

25.1.2. A wiring diagram shall be submitted that will match the wiring for each vehicle.

25.1.3. All switches and wiring circuits shall be protected with circuit breakers.

- 25.1.4. All circuit breakers shall be labeled for identification and installed in the sealed weather proof, lockable, electrical panel on the exterior of the driver's side.
- 25.1.5. All circuits shall have LED diagnostics for ease during troubleshooting.
- 25.1.6. All switches shall be of heavy-duty transit design. All wiring shall meet SAE standard requirements.
- 25.1.7. All wiring shall be automotive stranded and shall be color-coded and labeled. All wiring shall be installed using quick disconnect harness junctions using weather-proof Packard pin connectors.
- 25.1.8. There shall be no more than 10 wires per harness and include 2 extra wires per harness for accessories.
- 25.1.9. All harnesses shall be secured at a maximum of two-foot intervals.
- 25.1.10. Any wiring through wheel well area shall be protected by routing through metal convoluted tubing and flex loom.
- 25.1.11. All connectors are insulated; shrink-wrapped and soldered where necessary.
- 25.1.12. All wiring shall be protected by circuit breakers and a 200 ANL fast acting fuse shall be installed for added protection.

26. Batteries

26.1. Description

- 26.1.1. There shall be (2) dual maintenance free, Group 31, top terminals, 3/8-16 UNC-2A thread, 3/4 inch long, with minimum reserve capacity of 425 amp-hr, minimum cold cranking power of 1100 amp with lifting straps. Battery Track

26.2. Battery Disconnect

- 26.2.1. There shall be a transit style master disconnect installed.

27. American's with Disabilities Act (ADA) Equipment

27.1. Wheel Chair Lift

- 27.1.1. A Braun Platform lift shall be provided in the rear of the trolley using a separate door. A full ADA approved interlock system shall be installed.

27.2. *Wheel Chair Securements and Flip Seats*

- 27.2.1. The wheel chair tie downs shall be Q Straint Slide n Click floor mounted restraint system to accommodate two wheel chair positions. There shall be 2 flip seat positioned on the wall area in each wheel chair area for use when not transporting a wheel chair seated passenger.
- 27.2.2. Priority Seating Signs
- 27.2.3. Priority seating signs will be provided at each wheelchair location. Characters on these signs will be per ADA provisions.

28. Safety Equipment

- 28.1. Drive shaft guards shall be installed between every pair of universal joints.
- 28.2. A 5-pound type B.C. fire extinguisher shall be supplied.
- 28.3. A triangle flare kit shall be equipped.
- 28.4. A transit style battery master disconnect shall be installed.
- 28.5. An audible back-up alarm shall be installed.
- 28.6. All doors and wheel chair lift shall be interlocked through the shift inhibitor, parking brake, and/or braking system.
- 28.7. Entrance doors shall be equipped with a sensitive edging to prevent closing when obstructed.
- 28.8. All doors and Egress windows shall be connected with an audible signal located in the driver's area.
- 28.9. Rear doors shall have a 3 parts heavy-duty latch.
- 28.10. All appropriate warning labels shall be installed.
- 28.11. An Audible back up camera warning system shall be installed
- 28.12. A Valeo or approved equal roof hatch shall be installed

33. Chassis

- 33.1 The chassis shall be a Freightliner MT50E or equivalent with electric powered drive.

33.2 The 246KW = 303HP, Up to 170 Mile Range, Full charge in 3 hours. 70 Miles per hour. Fully integrated digital LCD screen. Traction and stability controls four wheel hydraulic disc brakes. Single piece steel straight rail frame.

33.2 Volvo Heavy Duty liquid cooled transit battery system

33.3 Standard J1172 / CCS1 Protocol charging unit.

*See attached Freightliner MT50E sheet for further chassis related specifications.

Prepared for:
JOEY DUNOW
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MANUFACTURING INC
750 INDUSTRIAL PARK WAY
CRANDON, WI 54520
Phone: 715-889-2297



Prepared by:
Brent Cella
TRUCK COUNTRY OF
WAUSAU
2435 TRAILWOOD LANE
MOSINEE, WI 54455
Phone: (715) 359-9989

A proposal for
HOMETOWN MANUFACTURING INC

Prepared by
TRUCK COUNTRY OF WAUSAU
Brent Cella

Dec 18, 2024

Freightliner Custom Chassis Corp MT50E



Components shown may not reflect all spec'd options and are not to scale



Prepared for:
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S P E C I F I C A T I O N P R O P O S A L

Description	Weight Front	Weight Rear
Price Level		
WALK-IN VAN FRONT ENGINE ELECTRIC CHASSIS MY 2026 (EFF: 11/14/24)		
Data Version		
SPECPRO21 DATA RELEASE VER 003		
Vehicle Configuration		
MT50E ELECTRIC FRONT ENGINE WALK-IN VAN CHASSIS	4,500	3,500
SET-FORWARD FRONT AXLE CHASSIS		
LH PRIMARY STEERING LOCATION		
General Service		
EXPECTED FRONT AXLE(S) LOAD : 8000.0 lbs		
EXPECTED REAR DRIVE AXLE(S) LOAD : 15000.0 lbs		
EXPECTED GROSS VEHICLE WEIGHT CAPACITY : 23000.0 lbs		
CHASSIS CONFIGURATION		
PICKUP AND DELIVERY/SHORT HAUL SERVICE		
DRY VAN BODY		
GENERAL FREIGHT BUSINESS SEGMENT		
GENERAL FREIGHT COMMODITY		
TERRAIN/DUTY: 100% (ALL) OF THE TIME, IN TRANSIT, IS SPENT ON PAVED ROADS		
MAXIMUM 8% EXPECTED GRADE		
SMOOTH CONCRETE OR ASPHALT PAVEMENT - MOST SEVERE IN-TRANSIT (BETWEEN SITES)		
ROAD SURFACE		
MORGAN OLSON		
DOMICILED, USA 50 STATES (INCLUDING CALIFORNIA AND CARB OPT-IN STATES)		



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Description	Weight Front	Weight Rear
Engine		
DANA ELECTRIC AXLE MOUNTED CONTINUOUS140KW/187HP		
Engine Controls & Parameters		
NO IDLE LIMITER, ELECTRONIC ENGINE ZERO EMISSION ELECTRIC VEHICLE 65 MPH ROAD SPEED LIMIT CRUISE CONTROL SPEED LIMIT 1 MPH LOWER THAN ROAD SPEED LIMIT		
Engine Equipment		
690 SQ-IN DOWNFLOW RADIATOR MOUNTED IN FRONT NO ENGINE OIL CHECK AND FILL NO AIR CLEANER NO AIR INTAKE SNORKEL NO ALTERNATOR (1)DTNA GENUINE,HGH TEMP AGM STRT & CYC,MIN 925CCA, 190RC, THRDSD STUD BATT E-MOBILITY LV BATTERY MOUNTED ON FRONT BOX-SINGLE BATTERY FRAME GROUND RETURN, BATTERY CABLES WITH EYELET CONNECTORS COLE HERSEE BATTERY SHUTOFF SWITCH WITH LOCKOUT, BATTERY BOX MOUNTE PROTERRA LI-ION HV BATTERY S1-15-6S 220KWH USABLE DC HV CHARGING PORT RIGHT HAND SIDE AFT REAR AXLE ELECTRONIC ENGINE INTEGRAL WARNING AND DERATE PROTECTION SYSTEM ELECTRIC MOTOR W/REGEN BRAKE NO MUFFLER MOUNTING NO DIESEL EXHAUST FLUID TANK NO EXHAUST DIFFUSER NO EXHAUST PIPING NO FAN CLUTCH DRIVE		



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Description	Weight Front	Weight Rear
ANTIFREEZE TO -34F, OAT (NITRITE & SILICATE FREE) EXTENDED LIFE COOLANT		
GATES BLUE STRIPE COOLANT HOSES OR EQUIVALENT		
NO OPTIONAL RADIATOR PLUMBING		
NO BLOCK HEATER		
NO ENGINE HEATER RECEPTACLE		
NO STARTER		
Transmission		
No Transmission		
Transmission Controls & Parameters		
HD ELEC TRANS SHIFTCTRL, COLUMN MTD		
VEHICLE INTERFACE CONNECTOR WIRED TO TRANSMISSION ECU		
Front Axle & Equipment		
DA-F-8.0-2 8,000# FC1 68.0 KPI/3.74DROP SINGLE FRONT AXLE		
NON-ASBESTOS FRONT BRAKE LINING		
WEMC HYDRAULIC 4-PISTON FIXED CALIPER DISC FRONT BRAKES		
FRONT BRAKE DUST SHIELDS		
FRONT DISC BRAKE ROTORS W/SEPARATE TONE RINGS		
WEMC IRON FRT HUBS PAINTED BLACK		
FRONT GREASE SEAL		
UNVENTED FRONT HUB CAPS - GREASE		
LITHIUM GREASE FRONT AXLE LUBRICANT		
STANDARD SPINDLE NUTS FOR ALL AXLES		
STANDARD CUPS AND CONES (WHEEL BEARINGS) FRONT AND REAR		
TRW TAS 55 POWER STEERING		
2 QUART POWER STEERING RESERVOIR		
Front Suspension		
8,000# TAPERLEAF FRONT SUSPENSION		
MAINTENANCE FREE RUBBER BUSHINGS - FRONT SUSPENSION		
NO FRONT SWAYBAR		
SACHS FRONT SHOCK ABSORBERS		
Rear Axle & Equipment		



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	Description	Weight Front	Weight Rear
	DANA SPICER ES9000R S130 15,500# F-SERIES SINGLE REAR E-AXLE		
	9.83 REAR AXLE RATIO		
	IRON REAR AXLE CARRIER WITH STANDARD AXLE HOUSING		
	FIAT CHRYSLER AUTOMOBILES HYDRAULIC PIN-SLIDE DISC REAR		
	NON-ASBESTOS REAR BRAKE LINING		
	REAR DISC BRAKE ROTORS W/SEPARATE TONE RINGS		
	REAR BRAKE DUST SHIELDS		
	REAR OIL SEALS		
Rear Suspension			
	15,000# TAPERLEAF SPRING REAR SUSPENSION LOW PROFILE WITH RADIUS LEAF		
	SPRING SUSPENSION - NO AXLE SPACERS		
	SACHS REAR SHOCK ABSORBERS		
Brake System			
	HYDRAULIC BRAKE PACKAGE		
	WABCO NG HYDRAULIC 4S/4M ABS W/DTC/ATC/EBD/HSA, W/ATC SHUTOFF SW		
	NYCLAD HYDRAULIC CHASSIS TUBING		
Wheelbase & Frame			
	5275MM (208 INCH) WHEELBASE		
	5/16X2.81X9-1/8 INCH STEEL FRAME (7.94MMX231.8MM/0.312X9.12 INCH) 80KSI		
	1/4" (6.35MM) C-CHANNEL PARTIAL INNER FRAME REINF AFT OF BOC XMBR TO FWD RR SUSP		
N	2350MM (93 INCH) REAR FRAME OVERHANG		
	SQUARE END OF FRAME		
	NO FRONT CLOSING CROSSMEMBER		
	FRONT SUSPENSION CROSSMEMBER		
	STANDARD WEIGHT ENGINE CROSSMEMBER		
	STANDARD MIDSHIP #1 CROSSMEMBER(S)		
	STANDARD SUSPENSION CROSSMEMBER		
Chassis Equipment			
N	BUMPER BRACKETS ONLY FOR CUSTOMER INSTALLED BUMPER		



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	Description	Weight Front	Weight Rear
	90 DEGREE STEEL ANGLE SUPPORTS FOR 93" WALK IN VAN BODY WIDTH ENHANCED STABILITY CONTROL		
Fuel Tanks			
	NO BETWEEN RAIL FUEL TANK		
Tires			
	BRIDGESTONE R238 245/70R19.5 12 PLY RADIAL FRONT TIRES BRIDGESTONE R238 245/70R19.5 12 PLY RADIAL REAR TIRES		
Hubs			
	WEBB IRON REAR HUBS PAINTED BLACK		
Wheels			
N	ALCOA 76542X 19.5X6.75 8-HUB PILOT 4.72 INSET 8-HAND ALUM FRT WHLS POLISHED FRONT WHEELS; OUTSIDE ONLY ALCOA 76542X 19.5X6.75 8-HUB PILOT 8-HAND ALUMINUM REAR WHEELS POLISHED REAR WHEELS; OUTSIDE OF OUTER WHEELS ONLY FREIGHTLINER VALVE STEMS		
Cab Exterior			
	NO CAB SIZE 20' BODY LENGTH OPERATOR STATION (CONTROL SUPPORT) FREIGHTLINER CUSTOM CHASSIS FRONT NAMEPLATE PAINTED PLASTIC GRILLE DUAL ELECTRIC HORNS IGNITION KEY ONLY MRKR LMP WRG W/10-WAY FRT LMP INTRF CONN& 8-WAY RR LMP INTRF CONN IN CHASS CUST INCANDESCENT BODY MTD MARKER LAMPS DAYTIME RUNNING LTS, 85% LOW BEAMS &AUTO EXTERIOR LAMPS W/LOW LT SENSOR UPGRADED CHASSIS MULTIPLEXING UNIT		



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Description	Weight Front	Weight Rear
Cab Interior		
HIGH VOLTAGE ELECTRIC REFRIGERANT COMPRESSOR		
FCCC PARTIAL AC SYSTEM, NOT FCC CCERTIFIED		
RADIATOR MOUNTED AIR CONDITIONER CONDENSER		
A/C PLUMB FOR BATTERY THERMAL MGMT SYS FOR ELECTRIC VEHICLE, W/BODY BLDR CONN		
5/8" X 10FT HEATER PLUMBING HOSE		
AUTO SELF-RESET CIRCUIT BREAKERS AND FUSES		
FCCC CAB MULTIPLEXING UNIT		
STANDARD BRAKE WIRING W/WEAR SENSOR		
FASTEN SEAT BELT IND, ACTIVE LOW, FOR C/F SEAT BELT		
J1939 ELECTRICAL ARCHITECTURE		
ZF TILT/3.00" TELESCOPIC GLOBAL STEERING COLUMN WITH FOOT ACTUATED PEDAL		
4-SPOKE 18" (450MM) BLACK STEERING WHEEL WITH SWITCHES		
Instruments & Controls		
NO INSTRUMENT PANEL-DRIVER		
ENGLISH UNITS MAJOR SCALE		
OPTIVIEW 12.3" LCD		
DIGITAL ENG COOLANT TEMPGAUGE IN DRIVER DISPLAY		
DIGITAL VOLTAGE DISPLAY INTEGRAL WITH DRIVER DISPLAY		
NO TRANSMISSION TEPERATURE GUAGE		
DASH MTD VEHICLE PERFORMANCE MONITOR		
ELECTRONIC CRUISE CONTROL		
W/CONTROLSON STEERING WHEEL SPOKES		
DIAGNOSTIC INTERFACE CONNECTOR, ISO & 9 PIN, SAE J1587/1708/1939		
NO OBSTACLE DETECTION SYSTEM		
NO CAMERA SYSTEM		
NO IMAGING SYSTEM		
ROTARY HEADLAMP SWITCH, AUTO, MARKERLIGHTS/HEADLIGHTS SW PLUS LIGHT SENSOR		



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Description	Weight Front	Weight Rear
SELF CANCEL TURN SIGNAL SW, HDLMPHI/LOW & FLASH, WASH/WIPE/INT TURN SIGNAL FLASHER INTEGRAL CAB MULTIPLEXING UNIT		

Certification / Compliance

U.S. FMVSS CERTIFICATION

Sales Programs

NO SALES PROGRAMS HAVE BEEN SELECTED

TOTAL VEHICLE SUMMARY

Weight Summary

	Weight Front	Weight Rear	Total Weight
Factory Weight ⁺	4500 lbs	3500 lbs	8000 lbs
Total Weight ⁺	4500 lbs	3500 lbs	8000 lbs

(+) Weights shown are estimates only.

If weight is critical, contact Customer Application Engineering.

(***) All cost increases for major components (Engines, Transmissions, Axles, Front and Rear Tires) and government mandated requirements, tariffs, and raw material surcharges will be passed through and added to factory invoices.





MUTD Board Staff Report

To: Board of Directors
From: Vince Caristo, Procurement Specialist
For Board Meeting: August 18, 2023

Attachments

1. Quote from Hometown Trolley
2. State of Georgia Contract Info

Subject: Purchase of One (1) 28-ft Battery Electric Transit Vehicle (Trolley)

Recommendation: Approve the purchase of one (1) 28-ft Villager Freightliner Electric MT50e from Hometown Trolley of Crandon, WI in the amount of \$484,487, plus a 3% contingency.

Discussion: This vehicle will replace Mountain Line's existing trolley that provides beloved service to community events such as the Out to Lunch, the Farmer's Market, the Parade of Lights, and more.

Hometown Trolley is a leading manufacturer of trolley vehicles in North America. This model is one of the first to include an electric drivetrain. MUTD's order will come equipped with a base 226 kWh battery plus an additional range extension battery pack and auxiliary heater. The vehicle will be outfitted with a similar wood-based interior to the current trolley, including a full front-located ADA lift.

This vehicle will utilize existing or planned charging infrastructure at MUTD's facility.

This procurement utilizes a state purchasing contract from the State of Georgia that was executed in July 2023. FTA allows transit agencies to utilize state purchasing contracts, including those from other states. Staff review of the procurement documentation concluded 1) that the State of Georgia's complied with FTA's standards for full and open competition, and 2) that FTA requirements will need to be added to MUTD's purchase agreement with Verdek.

Financial Impact: This project utilizes federal CMAQ funds. The local match requirement is 20%.



Hometown Trolley/Coach Price Quote 2023

P.O. Box 185 Crandon, WI 54520
P. 715-301-0149
www.hometown-mfg.com

Price Quote for:				Mountain Line Transit		8/4/2023		
CUSTOMER NAME:		Jennifer Sweten			QUOTE #		8323DH-1	
Year	Model		VL190G - Villager 28' FREIGHTLINER ELECTRIC MT50e		GVW	Passengers		
2024	Villager				23,000	25 + 2 ADA		

Date Requested:	No Specification	Totals
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Body and Chassis Base Price see page 2	\$	412,862.40
	\$	71,624.20
Total Cost (HGAC-KIB)	\$	484,486.60
Factory Discount/DD		
DLV020 - MANUFACTURER SCHEDULED DELIVERY		
Total Cost		\$484,486.60
Quantity		1
Grand Total	\$	484,486.60

Payment Terms:

\$	484,486.60	Customer has secured in financing
\$	121,121.65	(25%) is due at time of placing the Purchase Order
\$	363,364.95	is due at time of pick up or delivery.

****Customer is responsible for all taxes and licensing requirements** Quote good for 30 Days****

Customer:			
Company	Mountain Line Transit	Address	
Contact Name	Jennifer Sweten	City, St, Zip	
Title	Director of Operations	Phone	
Email	jsweten@mountainline.com	website	

Purchaser Signature		Double K, Inc. d/b/a Hometown Trolley Signature	
			
Title	Date:	Title: President	Date: 8/3/2023

Notes/Comments: Customer is responsible for installing and hooking up charging station.



Hometown Trolley/Coach Price Quote 2023

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P. 715-301-0149
www.hometown-mfg.com

Price Quote for: Mountain Line Transit		8/4/2023	
CUSTOMER NAME:	Jennifer Sweten	QUOTE #	8323DH-1

Trolley Upgrades/Options in addition to base price (in some cases replaces what is listed as standard equipment)

Part # / Description	Each	QTY	Extension
CHASSIS OPTIONS			
CH0480 - SECONDARY BATTERY PACK FOR HVAC / RANGE EXTENDER	\$ -	1	\$ -
CH0045 - ALCOA ALUMINUM WHEELS		1	\$ -
Electrical Options:			
Standard - STANDARD WIRING WITH PRINTED WIRE	\$ -	1	
EL0200 - INVERTOR FOR 110v OUTLET FOR DECORATIVE LIGHTING	\$ 1,282.00	1	\$ 1,282.00
EL0080 - DRIVER FAN, EACH	\$ -	1	\$ -
EL0080 - DRIVER FAN, EACH	\$ 132.00	1	\$ 132.00
AUDIO VIDEO OPTIONS:			
Standard - AM/FM/CD/IPOD/USB WITH 4 SPEAKERS	\$ -	1	\$ -
AV0120 - PAGE SYSTEM REI W/ 4 SPEAKERS	\$ -	1	\$ -
AV0340 - SAFETY VISION 9 CAMERA SYSTEM	\$ 12,980.00	1	\$ 12,980.00
AV0100 - PAGE, SPEAKER EXTERIOR (EACH)	\$ 135.00	1	\$ 135.00
AV0160 - REI FLEX NECK GOOSENECK MIC	\$ 283.50	1	\$ 283.50
Flooring Options:			
Standard - Altro Transit One Piece Floor - CAYMEN	\$ -	1	\$ -
HVAC OPTIONS:			
HC0020 - VALEO 95,000 BTU W ELECTRIC COMPRESSOR	\$ -	1	\$ -
HC0120 - HEAT CIRCULATION PUMP	\$ -	1	\$ -
HC0160 - PASSENGER AREA HEATER 45,000 BTU	\$ -	1	\$ -
HC0160 - PASSENGER AREA HEATER 45,000 BTU	\$ 317.25	1	\$ 317.25
Exterior Options:			
Standard - TOTALLY ENCLOSED BODY	\$ -	1	\$ -
EX0040 - FRONT BUMPER COW CATCHER WOVEN WIRE - BLACK	\$ 877.50	1	\$ 877.50
EX0240 - SPORTSWORKS APEX 3 - 3 POSITION BIKE RACK	\$ 2,497.50	1	\$ 2,497.50
EX0250 - ROSCO HEATED REMOTE MIRRORS	\$ 607.50	1	\$ 607.50
EX0095 - LED HEADLIGHT	\$ 275.00	1	\$ 275.00
EX0140 - EXTERIOR MAHOGANY TRIM PACKAGE	\$ 19,812.00	1	\$ 19,812.00
Paratransit Options:			
ADA020 - LIFT, PACKAGE BRAUN CENTURY, PLATFORM PRIORITY SEATING SIGNS, ADA LOCATION SIGNS, ADA LIGHTING, INTERLOCK, AUDIBLE	\$ 10,847.25	1	\$ 10,847.25
ADA200 - Q'STRAIT SLIDE-N-CLICK (EACH POSITION)	\$ -	2	\$ -
ADA221 - DUAL CHIME SIGNAL, PASSENGER STOP REQUEST BULKHEAD MOUNTED	\$ -	1	\$ -
ADA240 - 2 POSITION FLIP SEAT PERIMETER FOLD UP WITH WOOD SLATS	\$ -	2	\$ -
ADA280 - STORAGE BOX FOR BELTS - HOLDS 1 SETS	\$ -	2	\$ -
Safety Options:			
SA0020 - ESCAPE HATCH STANDARD MODEL	\$ 648.00	1	\$ 648.00
SA0180 - DRIVERS STANCHION, w/LEXAN MODESTY BARRIER	\$ 1,271.00	1	\$ 1,271.00
SA0230 - BACK UP CAMERA- COLOR MONITOR	\$ 918.00	1	\$ 918.00

Interior Options:



Hometown Trolley/Coach Price Quote 2023

P.O. Box 185 Crandon, WI 54520
P. 715-301-0149
www.hometown-mfg.com

Price Quote for: Mountain Line Transit			8/4/2023	
CUSTOMER NAME:	Jennifer Sweten	QUOTE #	8323DH-1	
Standard - NATURAL OAK INTERIOR WITH TRIM	\$ -		\$	-
IN0015 - SPRIAL BRASS UPGRADE	\$ 1,710.45		\$	1,710.45
IN0240 - NATURAL LEATHER GRAP STRAPS	\$ 74.25	10	\$	742.50
IN0340 - NEW VIEW ROLLUP BLINDS FOR DRIVER AREA (EACH)	\$ 384.75	1	\$	384.75
Graphics Options:				
Standard - 2 Tone PPG Paint and HT Stripe Package (stock vinyl colors only)	\$ -	1	\$	-
Fare Collection Options:				
FCD080 - HANOVER LED DESTINATION SIGN W/SOFTWARE AND CONTROL (SYSTEM INCLUDED FRONT LED SIGN , PROGRAMING CONTROLLER PAD, SOFTWARE)	\$ 3,557.50	1	\$	3,557.50
FCD100 - HANOVER LED EXTRA DESTINATION SIGN	\$ 1,687.50	1	\$	1,687.50
Passenger Seating Options:				
Standard - Vintage style seats with oak slats (per double seat) TROLLEY			\$	-
Driver Seating Options:				
DRS080 - USSC 9100 AIR SUSPENSION SEAT -BLACK VINYL	\$ 3,712.50	1	\$	3,712.50
Extended Warranty Options				
Delivery Options				
DLV020 - MANUFACTURER SCHEDULED DELIVERY	\$ 6,471.00	1	\$	6,471.00
Total Options			\$	71,624.20

INCLUDES STANDARD ITEMS:

2023 FREIGHTLINER ELECTRIC MTE STRIP CHASSIS
 23.5K GVW
 19.5" Tires
 Plywood Sub Floor
 Standard Rear Bumper
 Rear and Front Tow Hooks
 Front and Rear Wheel Well Flares
 Aluminum locking fuel door
 Dash Defroster/ Heat
 A & M Electric Entry Door 32" w x 92" high with Header Access
 Entry door angled handrailings both sides
 Entry exterior toggle switch with cover located under passenger side headlight bucket
 Front Driver Area Windows Clear no Tint
 Arch Top windows with Egress compliant with FMVSS
 Master Disconnect in sealed battery compartment
 Interlock Brake and Transmission
 Vintage Oak Passenger Seating
 Interior Rear Mirror and Convex Mirror
 12v Chrome Center Headlight
 Clearance Light Chrome Guards
 LED Exterior Lighting DOT approved
 LED Interior ADA Light , Door Light, Driver Light and Step Well Lighting
 All Required Signage



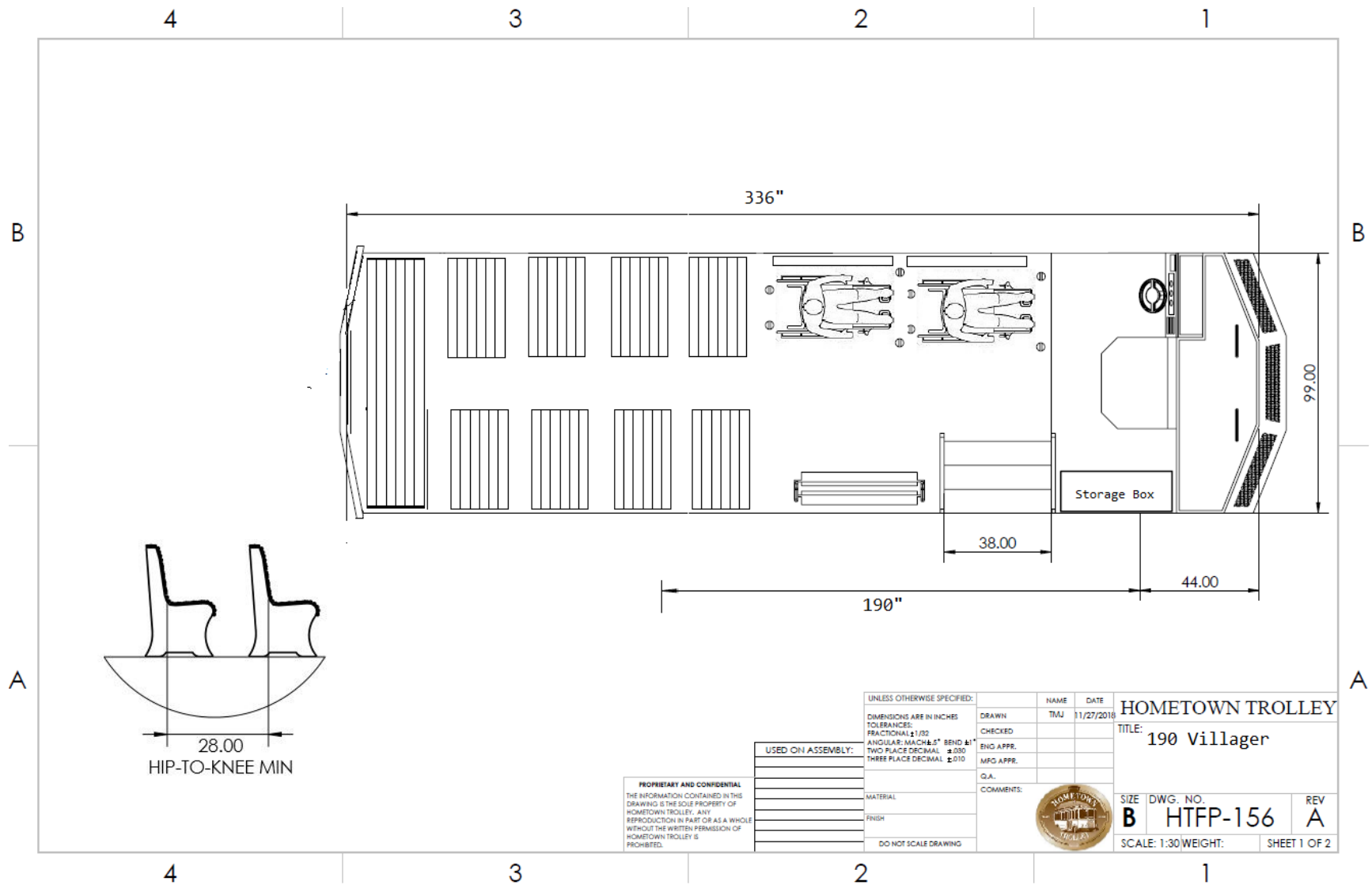
Hometown Trolley/Coach Price Quote 2023

P.O. Box 185 Crandon, WI 54520

P. 715-301-0149

www.hometown-mfg.com

Price Quote for:		Mountain Line Transit	8/4/2023
CUSTOMER NAME:	Jennifer Sweten	QUOTE #	8323DH-1
Altro Transit Flooring Black Barmat Accousitc driver mat White Step Edges White Standee Line Engine Cover Stainless Steel Handrailings including entry railings and Driver's Guard Oak Panel Interior Back Up Alarm Fire Extinguisher 5lb Triangle Reflector Kit Saftey Kit Undercoating Gong Bell with electrical switch and pull cord, continues rings or pull ding LED Lighting as requested Cupola Windows Paint TBD By Customer			



Vendor Information Sheet

Vendor Name: **Hometown Manufacturing, Inc.**

Contract Information		
Statewide Contract Number	99999-SPD-SPD0000212-0002, FTA, Non-FTA Transit Buses; FTA, Non-FTA Trolley Buses	
PeopleSoft Vendor Number	0000660954	Location Code
Vendor Name & Address		
Hometown Manufacturing, inc. 750 Industrial Parkway Crandon, Wisconsin 54520		
Contract Administrator		
Donavan Hickman donovan@hometown-mfg.com 715-889-0180		
Contact Details		
Ordering Information	See Ordering Instructions in this document Contact Hometown Manufacturing at 715-301-0149 or 715-889-0180	
Remitting Information	Hometown Manufacturing, inc. 750 Industrial Parkway Crandon, Wisconsin 54520	
Delivery Days	Delivery times will be agreed upon between vendor and buyer at time of order.	
Discounts	Customer may request volume discounts	
Payment Terms	Net 30 days	
Bid Offer includes	State and Local Government	
Acceptable payment method	Purchase Orders	

The contract includes Coach Buses, Transit Buses, Trolley Buses, Light Duty Cutaway Buses, Medium Duty Cutaway buses, Original Equipment Manufacturer (OEM) Mobility Vans and Other Mobility Vans used in transit applications. There are Electric Vehicles in all categories. It also includes alternatively fueled vehicles, new technology vehicles, and incorporates green initiatives in both bus design and manufacture.

This contract includes many FTA compliant vehicles. The FTA compliance signed documentation is available for download for those considering purchasing FTA Vehicles.

This á la carte style, competitively bid contract provides great flexibility and creates the opportunity for buyers to quickly customize their purchase to meet their individual requirements and subsequently place orders. This cutting-edge approach creates tremendous cost and time saving efficiencies in the transit bus buying process for both the supplier and buyer. Another feature is, at each year renewals, additional vendors or products may be added to the contract.

Special Terms and Conditions:

Customers may require special terms and conditions based on local requirements. These requirements should be coordinated with the vendor and if mutually agreed upon, must be documented on the Purchase Order (PO). If applicable, vendor may add cost of the additional requirements to the quoted cost. Notify State Purchasing Division (SPD) to verify/validate the additional costs at the verification step by SPD.

Contract Changes/ Renewals / Extensions:

Base Term: 2 Years 7/1/2023-6/30/2028

Three (3) One (1) Year Renewals

Ordering Instructions:

This contract offers Federal Transit Administration (FTA) compliant buses and non-FTA compliant buses. FTA compliant buses may be purchased as a non-compliant FTA bus as well. The contract offers the completed FTA compliance documentation submitted and certified by the suppliers. FTA requirements and Clauses, Altoona Test Results and other federally required documents are available for those buses bid as FTA buses.

The contract is an "Ala Carte" style contract and ordering procedure. Customers can save money and tremendous time efficiencies when purchasing buses from this contract. Customers may purchase a base bus or may elect to build their bus by selecting their options from an à la carte menu of required and additional optional items. Customer will identify which of the purchase suppliers/buses/options best meets their requirements.

This Contract is an "Informational Only" contract in Team Georgia Marketplace (TGM). This means information and pricing is displayed in TGM but the transactions do not go thru TGM.

The following steps should be followed when ordering a bus from this contract:

- Customers should determine their requirements and ensure that they meet their specifications or agree with the deviations for their specifications. The suppliers have submitted their Deviations to the specifications.
- Customer will identify which of the buses/suppliers/ options best meets their requirements. A listing of the Base Bus Pricing and link to Suppliers information and offerings, i.e. Warranty, specifications deviations, FTA compliance documentation, etc.).
- Options can be added to base bus selections.
- Compare vendor offerings and pricing.
- Review warranty provisions and determine if extended warranty terms should be purchased elect desired vendor and purchase option based on the best purchase value (price, compatibility with existing fleet, current infrastructure support, etc.).
- Contact vendor and identify yourself as an Authorized User of State of Georgia Public Mass Transit Statewide Contract.
- Ask Suppliers to provide you a quote based on the established pricing.
- Compare vendor pricing against the contract price.
- Confirm delivery date and method.
- Issue purchase order or other order agreement and include delivery requirements.

Ordering Instructions

Specifications

Specifications can be viewed and downloaded at:

<https://doas.ga.gov/state-purchasing/2022-mass-transit-vehicles-specifications>

NIGP Codes:

55610	Bus Transit, Articulated
55615	Bus Transit, 2 Door
55620	Bus Transit, Electric
55630	Bus, Mini Conversion (Cutaway)
55640	Bus Transit, Handicap (Mobility)
55650	Bus Transit, Single Door
55660	Bus Transit, Touring Conventional
55585	Trolley Transit, Rubber Tired Compressed National gas
07191	Vans, Customized
07192	Vans, Passenger, Regular and Handicapped Equipped (Mobility)

DOAS Contract Manager for the State

Manager Name: Rachael Allen

Phone: 404-463-4032

Email: rachael.allen@doas.ga.gov

DOAS Issuing Officer for the State

Buyer Name: Billy Gilbert

Phone: 404-657-4277

Email: billy.gilbert@doas.ga.gov