



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: 1395147

SO Doc Code: CRFQ

Procurement Type: Central Master Agreement

SO Dept: 0810

Vendor ID: VS0000004719

SO Doc ID: DMT2400000007

Legal Name: Rohrer Enterprises Inc

Published Date: 5/28/24

Alias/DBA:

Close Date: 5/30/24

Total Bid: \$4,008,500.00

Close Time: 13:30

Response Date: 05/30/2024

Status: Closed

Response Time: 11:56

Solicitation Description: Less than 30 Ft. Cutaway Bus

Responded By User ID: TClawson

Total of Header Attachments: 4

First Name: Teresa

Total of All Attachments: 4

Last Name: Clawson

Email: tclawson@rohrerbus.com

Phone: 800-735-3900



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: 1395147
Solicitation Description: Less than 30 Ft. Cutaway Bus
Proc Type: Central Master Agreement

Solicitation Closes	Solicitation Response	Version
2024-05-30 13:30	SR 0810 ESR05302400000007431	1

VENDOR
VS0000004719
Rohrer Enterprises Inc

Solicitation Number: CRFQ 0810 DMT2400000007
Total Bid: 4008500
Response Date: 2024-05-30
Response Time: 11:56:19
Comments:

FOR INFORMATION CONTACT THE BUYER

John W Estep
304-558-2566
john.w.estep@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	Less than 30 ft. Cutaway Buses.	26.00000	EA	154173.077000	4008500.00

Comm Code	Manufacturer	Specification	Model #
25101502			

Commodity Line Comments: Thank you for the opportunity to respond to this Bid.
We used the Average Unit price to ensure that total equals Exhibit A Pricing Sheet.
Please call David Clawson with any questions at 540-729-3751

Extended Description:
To establish an open ended contract for Less than 30 ft. Cutaway Buses. The vehicles will be utilized to assist public transportation throughout the state. The will be used in urban, sub-urban, and rural areas that includes hilly terrains and varying weather climates. These climates require vehicles that possess stop-start duty cycles.
Federal Terms and Conditions Apply

ROHRER

School & Commercial Bus Sales

May 29, 2024

John W Estep
Department of Administration
Purchasing Division
2019 Washington Street E
Charleston, WV 25305

Ref: WV-CRFQ 0810 DMT2400000007 less than 30ft Cutaway Vehicles

Dear Mr. Estep:

Rohrer Bus Sales appreciates this opportunity to submit a bid for transit vehicles to the State of West Virginia. Our offerings, a Eldorado Advantage for classes A through F, meets the intent and letter of your specifications as well as amendments 1-2 with following documentation, clarifications, deviations and/or explanations per your Required Bid Documentation Checklist.

Conversion location for this contract is Forest River Bus in Goshen, Indiana.

Items to be uploaded to WVOasis are as follows:

Cover Letter and Enclosure 1 includes Pricing Page and Class A-E build sheets and floorplans

Exhibit A Pricing Page and 10.2 A Complete mechanical description of vehicle, its construction and equipment including manufacturer's model name and/or number.

21 Proposed interior floor plans, showing detailed dimensions including the location of the wheelchair securement system.

10.2 C Curb weight (empty weight) and gross vehicle weight rating (GVWR of vehicle).

FOR: Class A Technical Proposal, Floorplan and Weight Analysis
Class B Technical Proposal, Floorplan and Weight Analysis
Class C Technical Proposal, Floorplan and Weight Analysis
Class D Technical Proposal, Floorplan and Weight Analysis
Class E Technical Proposal, Floorplan and Weight Analysis

Enclosure 2 - Mandatory Bid Forms

Bid Form #1: Locations of Technical Service Representatives and Parts Distribution Centers
Bid Form #2: Certification for Air & Water Pollution

2075 West Main Street, Waynesboro, VA 22980

direct 540 729-3751

rohrerbus.com

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School & Commercial Bus Sales

Bid Form #3: Disadvantaged Business Enterprise Vendors/Manufacturers Certification

Note: The vendor shall also supply with bid FTA TVM DBE Goal Concurrence for the Current Fiscal Year Approval Letter.

Bid Form #4: Buy America Certification Rolling Stock 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 (with the bid or 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.

Bid Form #5: Federal Motor Vehicle Safety Standards Certification Vendor shall also supply with bid a breakdown of FMVSS standards to be met with proposed vehicle.

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

Bid Form #10: Required bid documentation checklist
Purchasing Affidavit

Enclosure 3 - Technical Proposal and Supporting Documentation from Checklist

- 3.3 Engine: gasoline: provide product description, warranty information and product literature.
- 3.2.8 High Idle System, provide product description, warranty information and product literature.
- 3.8 Transmission: provide product description, warranty information and product literature.
- 3.5.4 Rear View Back-Up Camera: provide product description, warranty information and literature.
- 3.10 Tires: provide product description, warranty information and product literature.
- 3.15.5 Alternator: provide product description, warranty information and product literature.
- 3.1.11 Details of water testing procedures.
- 3.14 f. Exterior Vinyl Colors: Provide samples/chart of available colors
- 3.15 Rustproofing and Undercoating: provide product description, warranty information and product literature.
- 3.16.2 Entrance, Exit, Lift, and Emergency Exit Doors: Provide product description, dimensions, description of connection with interlock system, and locks to be provided.
- 3.16.8 Stepwell Heater: provide product description, warranty information and product literature
- 3.22 Flooring: provide a description of product to be used, samples of floor covering, colors to be provided.
- 3.27 Passenger Seats and Restraints: provide product description, warranty information and product literature.
- 3.27.11 Driver's Seat: provide product description, warranty information and product literature.
- 3.27.1 Exterior Mirrors: provide product description, warranty information and product literature.
- 3.19 Dual Purpose Safety Vent: provide product description, warranty information and product literature.
- 3.30 Wheelchair Securement System: provide product description, warranty information and product literature.
- 3.37 Storage Compartment: provide information on proposed location.

2075 West Main Street, Waynesboro, VA 22980

direct 540 729-3751

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- 3.31 Wheelchair Occupant Restraint Systems: provide product description, warranty information and product literature.
- 3.32 Wheelchair Lift: provide product description, warranty information and product literature.
- 3.34 Radio/AM/FM/USB/MP3: provide product description, warranty information and product literature.
- 3.39 Training: submit letter of understanding to the terms in this Section.
- 3.38.4 Fare Box Provision: provide description of provision.
- 3.38.1 Digital Destination Signs: provide product description, warranty information and product literature.
- 3.38.5 PA System: provide product description, warranty information and product literature.
- 3.21.15 Strobe Light: provide product description, warranty information and product literature.
- 3.28.11 Security Cameras Only: provide product description and product literature.
- 4.10 Security Camera System Including playback: provide product description and product literature.
- 4.15 Warranty on Complete Vehicle.
- 4.16 Warranty on Basic Vehicle Structure.
- 4.17.1 Warranty: warranties to be provided on subsystems and components.
- 10.2 A. Body Structure/Roof Specifications: provide a description of how construction/conversion will take place and meet the specification requirements. Provide actual interior height and body length of proposed vehicle. (See Enclosure 1)
- 21 Proposed interior floor plans, showing detailed dimensions including location of the wheelchair securement and stanchions. (SEE ENCLOSURE 1)
- 10.2 C Curb Weight (empty weight) and gross vehicle weight rating (GVWR) of vehicle. (See Enclosure 1)
- 10.2 D Samples or Paint charts of available exterior paint colors and vinyl
- 10.2 H Identification of the conversion location of the van

Enclosure 4 – References, No Debt and Addendum Acknowledgement

A list of five (5) users names, addresses, emails, and telephone numbers who have been provided similar equipment.

No Debt Affidavit

Addendum Acknowledgement

Please contact us immediately at 1-800-735-3900 if any additional documentation is required.
Thanks again for your consideration!

Sincerely,

David

D.M. Clawson, Jr.
Bus Sales & Administration



ROHRER

Direct 540.729.3751
dclawson@rohrerbus.com

2075 West Main Street, Waynesboro, VA 22980

direct 540 729-3751

rohrerbus.com

CRFQ - Exhibit A PRICING PAGE

<30' Length Cutaway Bus Transit Vehicles

VENDOR NAME:				
ROIHRER BUS SALES				
Manufacturer/ Brand:				
ELDORADO / ADVANTAGE				
Class	Item Description	Unit Price Per Vehicle	Estimated Quantity	Extended Price
A	Bus; 450/4500 chassis - twelve passengers, two wheelchair spaces.	\$151,590.00	10	\$1,515,900.00
B	Bus; 450/4500 chassis - sixteen passenger, two wheelchair spaces	\$159,740.00	5	\$798,700.00
C	Bus; 450/4500 chassis - eighteen passengers, two wheelchair spaces	\$162,530.00	5	\$812,650.00
D	Bus, 450/4500 chassis - twenty to twenty-two passengers, no lift	\$144,980.00	3	\$434,940.00
E	Bus, 450/4500 chassis - twenty-three to twenty-five passengers, no lift	\$148,770.00	3	\$446,310.00
			TOTAL	\$4,008,500.00
*Complete Form provided.				
*Please note these are only estimated quantities and do not reflect any guarantee of purchase.				
*The WV DMTF-PT may purchase more or less as needed.				



FOREST RIVER BUS

ELDORADO | Advantage Ford E350/E450



Learn more at
[forestriverbus.com/Eldorado/
Advantage-Ford-E350-E450](http://forestriverbus.com/Eldorado/Advantage-Ford-E350-E450)

moving forward together.

Functionality + accessibility.

CUSTOMIZABLE AND AFFORDABLE MID-SIZE BUS.

Since the Advantage's 2012 inception, this affordable mid-size bus was one of the first fully integrated steel cage body produced at ElDorado. Built on the Ford E-Series chassis, this model can be customized to comfortably seat up to 28 passengers, or designed for non-CDL applications. If mid-size is what you are needing, while being mindful of a budget, the Advantage is one to check out.

PASSENGERS



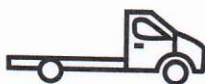
Up to 25

BUS LENGTH



20' - 25'

BUS CHASSIS



Ford E350/
Ford E450

WHEELCHAIR



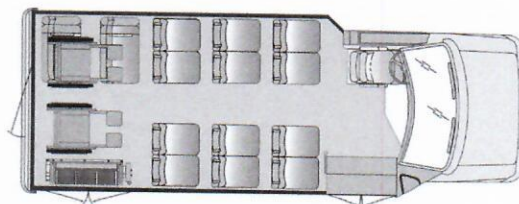
Side Access

moving forward together.

Versatility + capacity options.

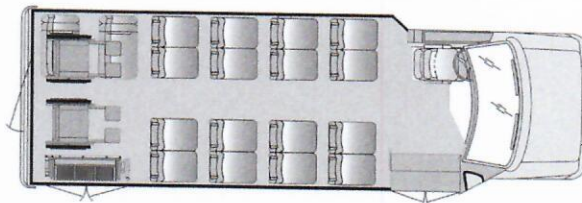
12

12 passenger + 2 wheelchair + driver



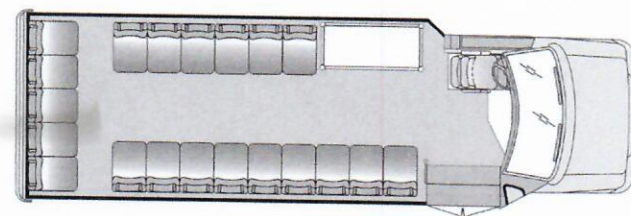
16

16 passenger + 2 wheelchair + driver



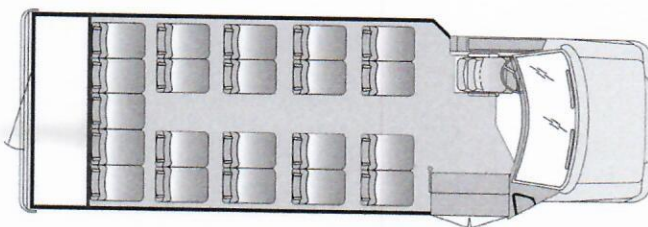
20

20 passenger w/interior luggage + driver



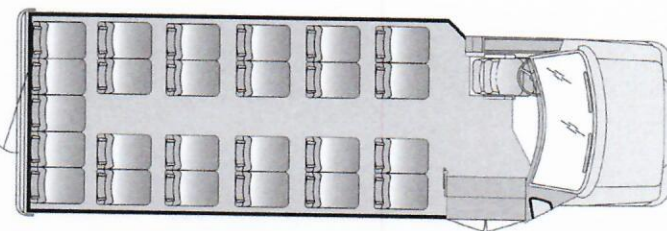
21

21 passenger w/rear luggage + driver



25

25 passenger + driver



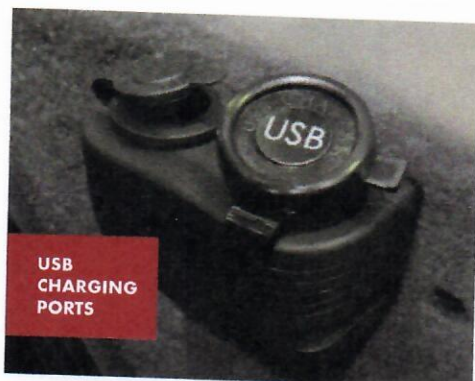
Specifications.

	20'	22'	24'	25'
Length	138"	158"	158"	190"
Wheelbase	Ford E350	Ford E450	Ford E450	Ford E450
Chassis	7.3L Gas	7.3L Gas	7.3L Gas	7.3L Gas
Engine	11,500 lb.	12,500 lb.	14,500 lb.	14,500 lb.
GVWR	17	21	21	25
Passenger Capacity*	96"	96"	96"	96"
Overall Width	115"	115"	116"	116"
Overall Height	93"	93"	93"	93"
Interior Width	80"	80"	80"	80"
Interior Height	30"	30"	30"	30"
Ground to Int. Floor	12"	12"	12"	12"
Ground to 1st Step	9"	9"	9"	9"
Step Riser	11.5"	11.5"	11.5"	11.5"
Step Tread	35.75"	35.75"	35.75"	35.75"
Step Width	31"	31"	31"	31"
Entry Door Clear Opening w/One Grab Rail	30"	30"	30"	30"
Entry Door Clear Opening w/Two Grab Rails				

* All passenger capacities are references and subject to final weight analysis

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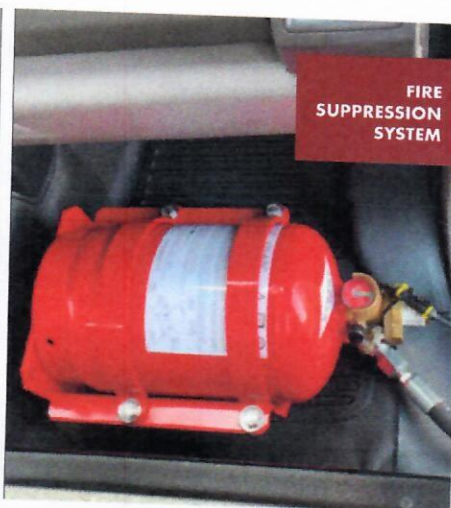
Features + options.



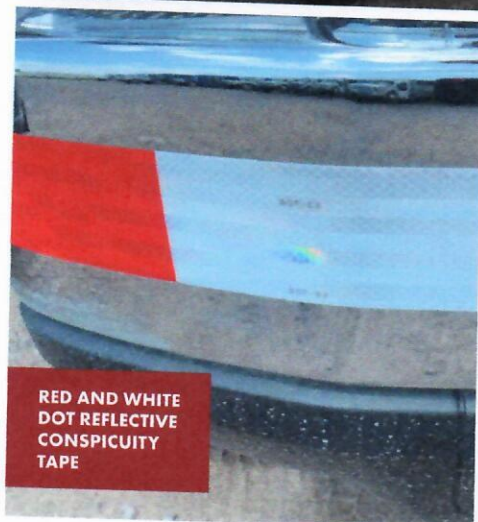
**USB
CHARGING
PORTS**



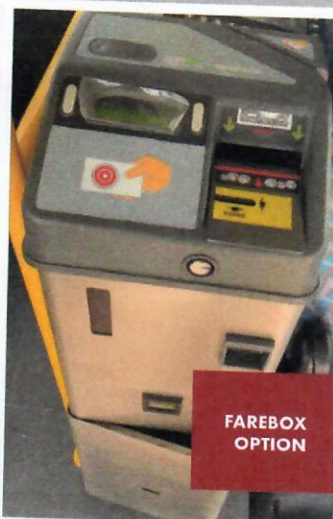
**COLE
HERSEE
SWITCH**



**FIRE
SUPPRESSION
SYSTEM**



**RED AND WHITE
DOT REFLECTIVE
CONSPICUITY
TAPE**



**FAREBOX
OPTION**



**WATCH
YOUR STEP
RISERS**

Standard Exterior Feature Highlights

- Fully welded steel cage construction meeting all applicable FMVSS requirements
- "Starview" drivers visibility window in front of entry door
- Electric actuated passenger entry door with full length glass
- 36" wide x 36" high upper double T-Slider tempered safety glass windows with climate control tint
- Black powder coated steel rear bumper
- Rear mud flaps
- Pre-painted white aluminum sidewall and skirts
- Fiberglass front and rear caps
- One-piece seamless FRP (fiberglass reinforced plastic) roof
- Breakaway rearview mirrors with built-in convex
- Sealed LED stop, tail, and turn signal lights with LED back-up lights
- LED front and rear marker lights

Standard Interior Feature Highlights

- 93" interior width
- 80" interior floor to ceiling height with standard floor (raised floor is 75")
- Floor and wall seat track for flexible seating
- Black slip resistant floor covering
- 5/8" exterior grade plywood flooring
- Ceiling and rear wall fabric for sound abatement
- FRP (fiberglass reinforced plastic) sidewalls for ease of cleaning
- White step nosing
- 1.25" left hand vertical passenger assist rail at entry door
- Intermotive FlexTech Electrical System
- LED entry door step well lights
- LED driver and passenger area lighting
- Non-retractable seat belts

Popular Option Highlights

- Stainless steel wheel inserts
- Luggage Storage areas (overhead luggage racks with reading lights, interior luggage racks, rear luggage area)
- Rear emergency door with window(s)
- Passenger area rear heat and air conditioning
- Passenger grab rails
- Padded vinyl or cloth walls and ceiling
- Audio and video systems
- Mid back or high back seating
- ADA and FMVSS compliant wheel chair lifts and securement systems
- Fiberglass side walls and skirts

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moving forward together.



FOREST RIVER BUS

2367 CENTURY DRIVE • GOSHEN, INDIANA 46528 • 1,800.348.7440

ELDORADO BUS BODY FRAME CONSTRUCTION

3.0 Body Construction – General Frame Construction

Manufactured from all steel products, the floor, roof, side walls, rear wall, driver halo assembly and entry door assembly are all wire welded (MIG) together to form an integral steel frame that is thoroughly coated in our primer paint shop, then mounted with specified hardware to the rubber body mount points (pucks) supplied by the chassis manufacturer. Once joined to the chassis, the bus finishing process begins.

3.0.1 Floor frame construction and assembly –

- 3.0.1.1 Cross Members -- The floor cross members form the base structural support for the rest of the frame components. Our cross members are constructed of 14 gauge steel, formed to a capital "C" shape. Cross members over the fuel tank are made to provide the clearance needed to conform with FMVSS301 and include formed internal reinforcements welded in place for additional strength. All additional longitudinal and latitudinal structure is flush welded in place to form a one piece floor upon completion.
- 3.0.1.2 Steel "Hat Posts" – 1"x1"x4"x1"x1" run the length of the floor between cross members and are welded into place.
- 3.0.1.3 Seat Track - High Strength Low Alloy roll formed steel seat track is welded to the 4" dimension of the hat posts, providing even more strength to the floor structure.
- 3.0.1.4 Steel C Channel – 1"x1.5" C channel is welded in between cross members the full length of the floor in 5 places. Coupled with the Hat Posts this provides a one-piece strong "ladder" type frame for the flooring.
- 3.0.1.5 Wheel Wells -- Constructed of 14 gauge steel, wheel wells are also welded in during the floor construction process. All seams in the wheel well are welded to create a one piece water resistant wheel housing structure. The wheel wells also provide additional strength to the body assembly, when welded in place.
- 3.0.1.6 Structural Steel Angle – 1/8" thick 1.5" x 2.5" structural steel angle is used the full perimeter length of each floor assembly, welded to the ends of all floor cross members. This provides not only a flat plane for joining the sidewall assembly, but also ties all cross members together and provides additional side impact resistance.
- 3.0.1.7 Additional structure – When adding vertical stanchions, wheel chair lifts and/or tie down options, additional structure is welded into the floor at locations specified by our engineering department on CAD drawings.

3.0.2 Sidewall Construction –

- 3.0.2.1 Sidewall vertical member – The heart of our sidewall is the vertical structure, a roll formed 18 gauge steel capital "C" channel with 8 bends that create extreme strength and rigidity. The vertical member is installed in full lengths between windows and in shorter sections above and below window frame centerlines. Additional vertical structure is used at both ends of the sidewall enabling the structure to withstand the forces applied by the vehicle when in motion. Using the open C member also enables a thorough primer application.
- 3.0.2.2 Steel Tubing – 1" x 1" 16 gauge steel tubing is welded horizontally between vertical members to frame all lower window openings and 1"x 3" 16 gauge steel tubing is

3.0.6.2 Structural steel angle – 11 gauge 1.5"x1.5" structural angle is added in short lengths five places to provide attachment points to the chassis floor.

3.0.7 Interior Vertical Transition Frames –

3.0.7.1 Steel Tubing – 1"x1" 16 gauge steel tubing is used vertically and a ladder type assembly is made welding the 1x1 tube to .75"x.75" 11 gauge steel tube that is used horizontally in the assemblies. These pieces transition from the body fronts on each side to the driver halo side assembly and the entry door frame assembly on the curbside.

3.0.8 Entry Door & Step Assembly Frame –

3.0.8.1 Steel Tubing – 1"x1" 16 gauge vertical and .75"x.75" 11 gauge horizontal steel tube is cut to length and welded together in a ladder type construction forming a rigid frame for attaching the entry door/step assembly.

3.0.9 Entry Door/Step Assembly –

3.0.9.1 11 Gauge Steel – The step riser/tread piece is manufactured from one-piece 11 gauge steel and uses 90° bends at all risers and treads. The bottom tread also adds an additional 90° bend for additional strength and safety. Upper and lower side pieces are then welded to the vertical tubing and step riser/tread.

APPLICATION OF EXTERIOR SIDEWALL MATERIAL

FIBERGLASS/FRP/COMPOSITE SIDEWALLS

Composite FRP exterior sidewall panels are installed using Manus Bond 75-UHVFC solvent and isocyanate-free structural adhesive. The adhesive is applied to the vertical and horizontal frame members in the sidewall structure, then the one piece panel is set into place and clamped until the structural adhesive reaches initial "green" strength that gives it the ability to support the weight of the sidewall panel without additional aid.

Manus 75-UHVFC is used due to the excellent adhesion, yield strength and elongation percentage of the product once cured. Designed as a replacement for mechanical fasteners, the adhesive also allows the material to expand and contract without undue stress since the elongation of the product is 250%. Faster curing two-part adhesives can be used but their lack of elongation can lead to cracking of the skin due to stresses applied by typical heat/cold cycles encountered.

Manus 75-UHVFC is also the adhesive used by Eldorado to ensure permanent bonding of the plywood floor substrate to the coated steel frame members.

A product data sheet for Manus 75-UHVFC Structural Adhesive is attached for further information.

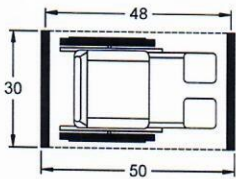
Should any further questions arise, please contact your Eldorado Bus representative.

PAINTED ALUMINUM OR STEEL SIDEWALLS

Mill painted aluminum or galvanized steel exterior sidewall panels are installed using a combination of Very High Bond tape with an acrylic adhesive and Manus Bond 75-UHVFC solvent and isocyanate-free structural adhesive. The side vertical wall bows have two flanges facing the exterior. Tape is applied to one vertical flange for fast adhesion while Manus 75-UHVFC structural adhesive is applied to the other vertical flange. The metal is put in place then pressure is applied by rollers to secure the metal to the tape and ensure good contact with the bead of structural adhesive.

As normal practice dictates, metal is overlapped moving up the sidewall for water shedding. The metal is

Single Foldaway
to keep vehicle
under CDL



Driver + 13 p. + 1 w/c

5/24/2024 12 2 WC 1 FOLD 158 163-31 FRB WA

The diagram illustrates the layout of the parking lot with capacity calculations for each section. The sections are arranged in a grid-like fashion, with 'Front' and 'Rear' sections on the left and right sides, and 'Roadside' sections at the bottom.

- Front Curbside:** Maximum Capacity 2500. Calculated capacity: 1896.16.
- Combined Front:** 5000. Calculated capacity: 3666.17.
- Front Roadside:** Maximum Capacity 2500. Calculated capacity: 1770.01.
- Rear Curbside:** Maximum Capacity 4800. Calculated capacity: 4108.15.
- Combined Rear:** 9600. Calculated capacity: 8126.45.
- Rear Roadside:** Maximum Capacity 4800. Calculated capacity: 4018.30.

WV Class A – Ford E450 158" WB ElDorado 22 with capacity of Driver 12 and 2 WC plus 1 single foldaway seat

ADVANTAGE - FORD E450 - 14,500 GVWR - CONVERSION ONLY PRICING

ADVANTAGE 22 158" WB E-450 7.3L Premium Gas Engine W/240 Amp Ford Alt	E	1008	C	1
SPECIAL INSTRUCTIONS OR NOTES				
As built schematics and parts x 2 on thumb drive				1
Switches on dog house not overhead				1
Add lift master switch				1
wheelchocks 1 pair				1
black rubber rub rail ILO standard				1
white reflective DOT tape length of bus body and around one egress per side				1
proof of alignment				1
Adnak Seat Base				1
				1
				1
				1
WARRANTY				
Optional Eldorado 3 Year / 36,000 Mile Limited Warranty	05	STD		1
ELECTRICAL SYSTEM				
Intermotive Flex Tech Electrical System	05	STD		1
SIDEWALL / REARWALL / CEILING				
Sidewall: Grey FRP	05	STD		1
Driver Area: Grey Padded Vinyl	05	STD		1
FRP on Ceiling, Grey	05	2289		1
FRP on Rearwall, Grey	05	2040		1
FRP on Sidewall Under Seat Track, Grey	05	2093		1
FLOORING - WHITE NOSING IS STANDARD				
Gerflor Sirius NT #6727 Anthracite (Grey) I.L.O. Graphite	05	2823		1
3/4" Marine Tech Plywood Floor	05	2291		1
Graphite for aisle Anthracite under seats	S T	99		1
CHASSIS				
Front Mud Flap (1), Passenger Side Only (to be used with Running Board) - NOT AVAILABLE ON FORD TRANSIT	05	2340		1
Heavy Duty Anti-Slip Aluminum Running Board on Driver Side (Large) (NOT AVAILABLE ON FORD TRANSIT)	05	2623		1
Mor-Ryde RS Suspension (SUBJECT TO WEIGHT ANALYSIS APPROVAL)	05	99		1
Galvanized Belly Metal (SUBJECT TO WEIGHT ANALYSIS APPROVAL)	05	2275		1
Exterior Mirror Set, Remote/Heated, Ford	05	2444		1
Valve Stem Extender Inner Dual Rear Wheel, pair	05	8606		1
Galvanized Steel Entry Step Lower Sides Only - Does NOT Include Upper Sides & Header	05	22388		1
Metal Locking Door for Fuel Fill	05	22045		1
Use special stewart drawing 31-28-0096-14	S T	99		1
ENVIRONMENTAL CONTROL				
TRANS/AIR AIR CONDITIONING SYSTEMS				

DUAL COMPRESSOR SYSTEMS CEILING MOUNT EVAPORATOR				1
¹ = TA77 INDEPENDENT OF OEM DASH A/C W/LARGER COMPRESSOR **RECOMMENDED BY A/C MFR				1
TA773 SUPER 80K - TA77 EVAP - SMC3L COND - 13.4 C.I.D. COMP UPGRADE TO TA774C OR TA77R90 FOR HOT CLIMATES CHASSIS/ENGINE BELOW)				1
NOTE: (SELECT				
¹ TA773 SUPER 13	FORD 7.3 LITRE PREMIUM GAS ENGINE	05	10479	1
HEATERS				1
Hot Water Heater, 65K BTU Floor Mounted 3 Speed Low Profile OK Side Sliders				2
MISCELLANEOUS				1
Heater Booster Pump - does not include electric valves				1
Defroster Fan - Mount Location:		05	20088	1
ELECTRICAL				1
Door Ajar Buzzer on Rear Door				1
Door Ajar Warning on Wheelchair Door - Buzzer and Light in Driver Area				1
Window Ajar Alarm Buzzer on Egress Window, each				0
Stainless Steel Battery Tray Slides ILO Zinc Plated Slides - Extra Charge				1
Light in Engine Area				1
ADA Stop Request, Pull Cord, Dual Auditory Tones, Dual Face Sign w/LED for ADA Request				1
Touch Tape at WC area for ADA Stop Request - Activates 2nd Auditory Tone (Ea.)				2
Heated Entry Step, Electric				1
Laminated Wiring Schematic ***AS BUILT*** ON ELECTRICAL PANEL DOOR				1
Wiring Diagram "AS BUILT" ON USB Flash Drive				STD
Angel Track 12 channel system per spec with 6 cameras				1
Non locking latches on battery box				1
Wire harnesses secured every 12'				1
DESTINATION SIGNS/I.D. SIGN/FRONT VIEW WINDOW				1
Luminator Horizon SMT Front Sign 16x120(6"x45") With ODK 4 Controller				1
Transign LD1280 Side LED Sign 12x80 Display-Requires Front Sign				1
FAREBOXES				1
Fare box half stanchion with power and ground pre-wire, 6" coil				1
EXTERIOR LIGHTS				1
Surface Mount LED Entry Door Exterior Light - STD Choose Optional Below or Special builds				1
Turn Signals Flash With Open Door				1
LED Rear Center Mount Brake Light, Rectangular				1
LED Mid-Ship Turn / Marker Lights				1
Independent RED Brake & AMBER Turn Signal Lights				1
Strobe Light, Roof Mounted COLOR: WHITE				1
branch guard for strobe				1
INTERIOR LIGHTS				1
Additional Interior LED Dome Lamp - Each				2
AUDIO / VISUAL				1
JPA600 PA System w/ Hand Held Mic & Clip Integrated with OEM Radio				1
Additional Speaker(s), Each				2
FORD E-SERIES OEM AM/FM/BT RADIO ORDERED ON CHASSIS				NOTE
4 Speakers with Wire to Chassis OEM Radio (if supplied)				1

On/Off Switch for Passenger Area Speakers	05	20161		1
External Speaker with ON/OFF Switch (each)	05	20162		1
Two way radio prewire with ground plane antennae port and pull wire	S T	99		1
Ford OEM radio on chassis	S T	99		1
DOORS / HATCH / WINDOWS				
Electric Entry Door is Standard. Add Option #2056 if Manual is Desired				
Passenger Door Electric (standard)	05	20163		1
Passenger Door 36" ROUGH OPENING (STANDARD)	05	2063		1
Exterior Passenger Entrance Door Key	05	8133		1
Rear Door, (1) Window - Optional Right Hand Hinge	05	8016		1
Additional Window for Rear Door	05	8682		1
Twin Windows Either Side of Rear Door	05	20175		1
Roof Hatch - Transpec 1070 Series Dual Purpose Safety Vent II	05	20179		1
Extra Egress Window(s)	Total Number of Egress Windows:		4	05 20188
LUGGAGE RACK / STORAGE				
Driver Storage in Cab Overhead	05	20191		1
PARATRANSIT OPTIONS				
Double W/C Doors w/ Windows, LED Interior Light, Leaf Spring, LED Exterior Lighting	05	20206		1
IS THE LIFT IN THE FRONT OR REAR OF THE UNIT?	Rear			1
BRAUN LIFTS				
Braun Century NCL 1000 3454HB-2 1000# (34"x54") *N/A FRONT LIFT 138/139"WB	05	20230		1
Seat Belt on Braun Lift - Installed	05	8801		1
LIFT FAST IDLE WITH 403 INTERLOCK				
Intermotive Gateway 508-F Ford E or 517-F Transit Fast Idle with Lift Interlock	05	99		1
SureLok W.C. Securement Kits, Accessories				
FF627S-4C Retract,S Hook ,FE2000727HA Combo Lap/Shldr, L Track	05	8685		2
FE200750-16 16" Quick Strap (each)	05	20239		4
Sure-Lok Belt Cutter (ship loose)	05	8177		1
Sure-Lok Belt Storage Pouch	05	8099		2
Miscellaneous Accessories				
Priority Seating Sign **Required for ADA Compliance**	05	8104		4
Wheelchair Decal (International Symbol of Accessibility) Each	05	8105		2
Tool Box Wheelchair Belt Storage	05	20257		1
SAFETY OPTIONS				
5 Lb Fire Extinguisher	05	8089		1
25 Unit First Aid Kit	05	20263		1
Body Fluid Kit	05	20264		1
Emergency Triangle Kit	05	8091		1
Fire Blanket	05	20266		1
Back-Up Alarm SAE Type C 97 db(A)	05	20267		1
STANDARD ROSCO STSK4750 BACK-UP CAMERA SYSTEM W/ 7" REARVIEW MONITOR / MIRROR COMBO	05	STD		1
Interior Flat Mirror, 6" x 16" (N/A ON DUAL DOOR CHASSIS)	05	20277		1
Wide Angle Lens 11"x14", Fresnel	05	20278		1
Red Light Over Emergency Exit Ea: ON:	two doors & 3 windows		05 8155	5
"NO SMOKING" Sign	05	20282		1
Yellow "Standee" Line	05	8802		1
Decal "Please Fasten your Seat Belt"	05	20286		1

Decal "Please Watch Your Step"	05	20288		2
Decal Vehicle Height Sticker	05	20289		1
Emergency Exit Decal RED LOCATION: rear door & egress windows	05	20292		4
American safety mylar blanket 2466	S			
	T	99		1
American safety relective vest	S			
	T	99		1
emergency dial 911 decal	S			
	T	99		1
emergency equiment ship loose	S			
	T	99		1
exterior decal This vehicle makes frequent stops	S			
	T	99		1
exterior decal This vehicle stops at railroad crossing		NOTE		1
Exterior decal Stand clear of lift		NOTE		1
GRAB RAIL / STANCHION / PANELS				
Ceiling Grab Rail - Install on Both Sides	05	99		1
Left Hand Entry Vertical Grab Rail - 1 1/4"		STD		1
1 1/4" Dual Entry Grab Rails Parallel to Entrance Steps (both sides)	05	8130		1
Stanchion and Modesty Panel at Entry Door		STD		1
Stanchion and Modesty Panel Behind Driver	05	20301		1
Padding on Stanchion - Gray - Per 40" Max Length Each (note location(s) below)	05	20304		2
Aisle side of driver & entry modesty		NOTE		1
Add Tinted Plexiglass Upper Panel LOCATION: driver modesty	05	8146		1
Additional stanchion floor to bulkhead to upper right of entrance steps	S			
	T	99		1
SEATING - DRIVER				
				1
OEM DRIVER'S SEAT ORDERED ON CHASSIS		NOTE		1
SEATING - PASSENGER				
				1
STD RIGID SEATS				
				1
Mid High Double Seat	05	8067		5
FOLDAWAY SEATS				
				1
Foldaway Seat, Single AM	05	8832		1
ICS & 3POINT SEATS **REQUIRES WEIGHT ANALYSIS FOR APPROVAL**				
				1
Double Seat with (2) Integrated Child Seats	05	2541		1
PASSENGER SEAT FABRICS				
				1
Seat Cover - Level 3.5	05	2663		13
SEAT OPTIONS				
				1
ABS Seat Backs Per Person (Mid-High Rigid and Notchback Folds Only)	05	2664		13
Anti-Vandal Grab Handle, Black Ea on:				
	05	2311		11
Black US Armrest - Each - on:				
	05	2077		7
Child Restraint System CRS225 Clips - Per Person	05	2554		2
SEAT BELTS				
				1
Seat Belt, Retractable ** NOT AVAILABLE WITH FOLDAWAY OR FLIP SEATS **ORDER USR BELTS	05	2087		12
Seat Belt, Freedman USR Retractable (Per Person)	05	2282		1
Seat Belt Extension, 12" FOR STANDARD SEAT BELTS	05	2250		3
Seat Belt Extension, 12" (P/N 56410) FOR USR SEAT BELTS	05	8771		1
MISCELLANEOUS				
ELDORADO DISCOUNT				1
CONVERSION ONLY PRICE TOTAL				
				1
FREIGHT CHARGE *ENTER MILES				
MILES:	407	S		
		T	1.86	1

Eldorado Bus**Pre-Award BUY AMERICA CERTIFICATION**

This certifies compliance with FTA Buy America Regulations set forth in 49 C.F.R. § 661.11 for each component that more than 70% of the subcomponents, by cost, are of U.S. origin/manufacture and is manufactured in the U.S. Manufacturer attests that the U.S. content of subcomponents, by cost is as indicated below.

CHASSIS DESCRIPTION	MANUFACTURER NAME		% U.S. CONTENT	%FOREIGN CONTENT
ADVANTAGE 22 158" WB E-450	Eldorado Bus		70.97%	29.03%
COMPONENT NAME	MANUFACTURER NAME	MFG LOCATION	% OF TOTAL	
Chassis	Ford Motor Co.	U.S.	40.10%	
Destination Signs	Transign	U.S.	3.61%	
Exterior Mirrors	ROSCO	U.S.	0.43%	
A/C System	Trans Air	U.S.	5.60%	
Wheelchair/Rear Door(s)	Challenger Door	U.S.	1.53%	
Wheelchair Lift	Braun	U.S.	4.48%	
Seating	Freedman	U.S.	8.09%	
DVR/NVR	ANGELTRAX	U.S.	3.19%	
Roof Hatch	Transpec	U.S.	0.21%	
Entry Door Header/Door Panels	A&M Systems	U.S.	0.70%	
Windows	Lippert Components Inc	U.S.	0.65%	
Intermotive Gateway	LGS Group	U.S.	0.87%	
Fiberglass Caps/Transitions	Sampson Fiberglass	U.S.	1.09%	
Battery Box	MorRyde	U.S.	0.21%	
Running Boards	Stoutco	U.S.	0.20%	

MAJOR ACTIVITIES UNDERTAKEN AT THE FINAL ASSEMBLY LOCATION

All purchasing of raw and assembled materials including the chassis, fabrication and welding of the frame, prime paint, installation of all wood, fabric, FRP, aluminum and/or other body panel and/or trim materials, installation of doors and windows, HVAC components and systems, electrical systems, installation of any required options such as wheel chair lifts, tie down kits, seats, radios and optional electronic items, if any, complete undercoat, exterior paint and/or graphics if ordered, full road test, rain booth test and all other final quality functions as needed to ensure compliance with the contract.

FINAL ASSEMBLY LOCATION: 2367 CENTURY DRIVE, GOSHEN, IN 46528

BODY V.I.N. OF UNITS DELIVERED UNDER POST DELIVERY BUY AMERICA:
TBD

FINAL ASSEMBLY % OF TOTAL COST NOT INCLUDED IN THE MATERIAL COSTS ABOVE:

FINAL ASSEMBLY \$\$ NOT INCLUDED IN THE COSTS ABOVE

3.27%

\$1,508.59



AUTHORIZED SIGNATURE

Government Bid Assistant

TITLE

5/30/2024

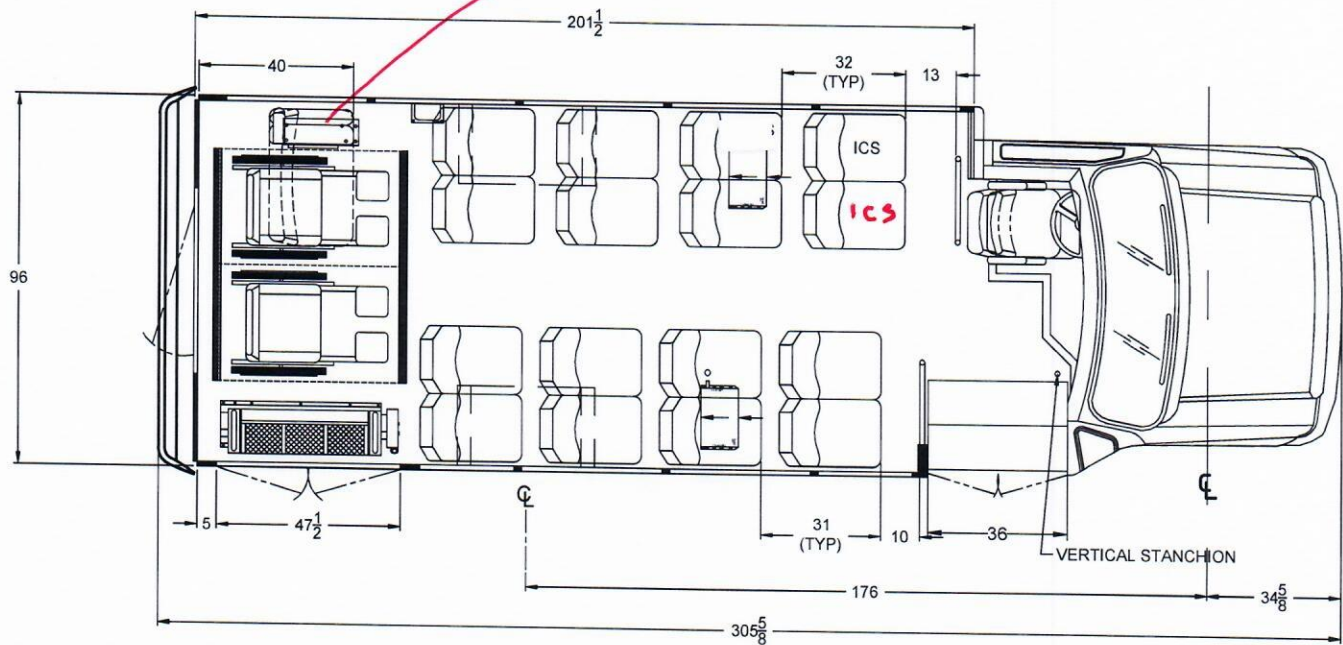
DATE

Luke Akins

PRINT NAME

Class B

Double Foldaway



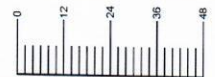
DEALER APPROVAL

☐ APPROVED

CUSTOMER SIGNATURE

NOTE: SHOWN WITH MID HI FREEDMAN SEATS
E-450 14,500 GVWR
THIS FLOOR PLAN IS FOR ILLUSTRATION PURPOSES ONLY.
A WEIGHT ANALYSIS HAS NOT YET BEEN PERFORMED.
FINAL APPROVAL WITH A WEIGHT ANALYSIS IS REQUIRED UPON RECEIPT OF A
COMPLETED ORDER WITH ALL OPTIONS SHOWN.
OPTIONAL EQUIPMENT MAY BE SHOWN.
THE SALES ORDER PLACED DICTATES ACTUAL OPTION CONTENT.

SCALE
IN INCHES



THIS DRAWING AND THE INFORMATION THEREON ARE THE EXCLUSIVE PROPERTY OF FOREST RIVER BUS, A DIVISION OF FOREST RIVER. IT SHALL NOT BE COPIED OR DUPLICATED IN ANY MANNER, NOR SHALL IT BE SUBMITTED TO OUTSIDE PARTIES FOR EXAMINATION WITHOUT OUR WRITTEN CONSENT. IT IS LOANED FOR USE WITH REFERENCE TO WORK UNDER CONTRACT WITH, OR PROPOSALS SUBMITTED TO FOREST RIVER BUS, A DIVISION OF FOREST RIVER.

REV.	DESCRIPTION OF CHANGE	BY	CHK	DATE	ECN No.
LET.					

TOLERANCE UNLESS OTHERWISE SPECIFIED:

WOOD	OTHER
± 1/8"	± 1/16"
± 1"	± 1/2"



TITLE
16 2 WC PASS
MODEL 25

FOREST RIVER BUS

NAME GRANS DATE 05/23/24

DWG. No. 16 2 WC 1 DB FOLD 176 190-11 FRB

Driver + 16p. + 2 w/c

OR

Driver + 18p. + 1 w/c

5/24/2024 16 2 WC 1 FOLD 176 190-11 FRB WA

The diagram illustrates the layout of a 10000 sq ft building with four curbside areas. Each area is represented by a box containing a calculated value, with its maximum capacity and a label above it.

Area	Maximum Capacity	Calculated Value
Front Curbside	2500	1836.80
Combined Front	5000	3914.14
Front Roadside	2500	2077.34
Rear Curbside	4800	4756.02
Combined Rear	9600	9202.49
Rear Roadside	4800	4446.47

WV Class B – Ford E450 190" WB Eldorado 25 with capacity of Driver + 16P and 2 WC and 1 double foldaway

ADVANTAGE - FORD E450 - 14,500 GVWR - CONVERSION ONLY PRICING

ADVANTAGE 25 190" WB E-450 7.3L Premium Gas Engine W/240 Amp Ford Alt *	E	1011	C	1
SPECIAL INSTRUCTIONS OR NOTES				
As built schematics and parts x 2 on thumb drive		NOTE		1
Switches on dog house not overhead		NOTE		1
Add lift master switch		NOTE		1
wheelchocks 1 pair		NOTE		1
black rubber rub rail ILO standard		NOTE		1
white reflective DOT tape length of bus body and around one egress per side		NOTE		1
proof of alignment		NOTE		1
Adnk Seat base		NOTE		1
		NOTE		1
		NOTE		1
WARRANTY				
Optional Eldorado 3 Year / 36,000 Mile Limited Warranty	05	STD		1
ELECTRICAL SYSTEM				
Intermotive Flex Tech Electrical System	05	STD		1
SIDEWALL / REARWALL / CEILING				
Sidewall: Grey FRP	05	STD		1
Driver Area: Grey Padded Vinyl	05	STD		1
FRP on Ceiling, Grey	05	2289		1
FRP on Rearwall, Grey	05	2040		1
FRP on Sidewall Under Seat Track, Grey	05	2093		1
FLOORING - WHITE NOSING IS STANDARD				
Gerflor Sirius NT #6727 Anthracite (Grey) I.L.O. Graphite	05	2823		1
3/4" Marine Tech Plywood Floor	05	2291		1
Graphite for aisle Anthracite under seats	S T	99		1
CHASSIS				
Front Mud Flap (1), Passenger Side Only (to be used with Running Board) - NOT AVAILABLE ON FORD TRANSIT	05	2340		1
Heavy Duty Anti-Slip Aluminum Running Board on Driver Side (Large) (NOT AVAILABLE ON FORD TRANSIT)	05	2623		1
Mor-Ryde RS Suspension (SUBJECT TO WEIGHT ANALYSIS APPROVAL)	05	99		1
Galvanized Belly Metal (SUBJECT TO WEIGHT ANALYSIS APPROVAL)	05	2275		1
Exterior Mirror Set, Remote/Heated, Ford	05	2444		1
Valve Stem Extender Inner Dual Rear Wheel, pair	05	8606		1
Galvanized Steel Entry Step Lower Sides Only - Does NOT Include Upper Sides & Header	05	22388		1
Metal Locking Door for Fuel Fill	05	22045		1
Use special stewart drawing 31-28-0096-14	S T	99		1
ENVIRONMENTAL CONTROL				
TRANS/AIR AIR CONDITIONING SYSTEMS				
PriceTA 7722 approved as equal	S T	99		1
HEATERS				
				1

Hot Water Heater, 65K BTU Floor Mounted 3 Speed Low Profile OK Side Sliders	05	8045		2
MISCELLANEOUS				
Heater Booster Pump - does not include electric valves	05	20088		1
Defroster Fan - Mount Location:	05	20092		1
ELECTRICAL				
Door Ajar Buzzer on Rear Door	05	22079		1
Door Ajar Warning on Wheelchair Door - Buzzer and Light in Driver Area	05	22082		1
Window Ajar Alarm Buzzer on Egress Window, each	05	8679		0
Stainless Steel Battery Tray Slides ILO Zinc Plated Slides - Extra Charge	05	2869		1
Light in Engine Area	05	2316		1
ADA Stop Request, Pull Cord, Dual Auditory Tones, Dual Face Sign w/LED for ADA Request	05	2785		1
Touch Tape at WC area for ADA Stop Request - Activates 2nd Auditory Tone (Ea.)	05	2786		2
Heated Entry Step, Electric	05	22098		1
Laminated Wiring Schematic ***AS BUILT*** ON ELECTRICAL PANEL DOOR	05	22101		1
Wiring Diagram "AS BUILT" ON USB Flash Drive		STD		1
Angel Track 12 channel system per spec with 6 cameras	S T	99		1
Non locking latches on battery box	S T	99		1
Wire harnesses secured every 12'	S T	99		1
DESTINATION SIGNS/I.D. SIGN/FRONT VIEW WINDOW				
Luminator Horizon SMT Front Sign 16x120(6"x45") With ODK 4 Controller	05	20120		1
Transign LD1280 Side LED Sign 12x80 Display-Requires Front Sign	05	20123		1
FAREBOXES				
Fare box half stanchion with power and ground pre-wire, 6" coil	S T	99		1
EXTERIOR LIGHTS				
Surface Mount LED Entry Door Exterior Light - STD Choose Optional Below or Special builds	05	STD		1
Turn Signals Flash With Open Door	05	20135		1
LED Rear Center Mount Brake Light, Rectangular	05	20136		1
LED Mid-Ship Turn / Marker Lights	05	20138		1
Independent RED Brake & AMBER Turn Signal Lights	05	20139		1
Strobe Light, Roof Mounted COLOR:	05	20140		1
branch guard for strobe	S T	99		1
INTERIOR LIGHTS				
Additional Interior LED Dome Lamp - Each	05	8041		2
AUDIO / VISUAL				
JPA600 PA System w/ Hand Held Mic & Clip Integrated with OEM Radio		99		1
Additional Speaker(s), Each	05	20157		2
FORD E-SERIES OEM AM/FM/BT RADIO ORDERED ON CHASSIS		NOTE		1
4 Speakers with Wire to Chassis OEM Radio (if supplied)	05	8822		1
On/Off Switch for Passenger Area Speakers	05	20161		1
External Speaker with ON/OFF Switch (each)	05	20162		1
Two way radio prewire with ground plane antennae port and pull wire	S T	99		1
Ford OEM radio on chassis	S T	99		1
DOORS / HATCH / WINDOWS				
Electric Entry Door is Standard. Add Option #2056 if Manual is Desired				
Passenger Door Electric (standard)	05	20163		1

Passenger Door 36" ROUGH OPENING (STANDARD)				05	2063		1
Exterior Passenger Entrance Door Key				05	8133		1
Rear Door, (1) Window - Optional Right Hand Hinge				05	8016		1
Additional Window for Rear Door				05	8682		1
Twin Windows Either Side of Rear Door				05	20175		1
Roof Hatch - Transpec 1070 Series Dual Purpose Safety Vent II				05	20179		1
Extra Egress Window(s)	Total Number of Egress Windows:		4	05	20188		1
LUGGAGE RACK / STORAGE							1
Driver Storage in Cab Overhead				05	20191		1
PARATRANSIT OPTIONS							1
Double W/C Doors w/ Windows, LED Interior Light, Leaf Spring, LED Exterior Lighting				05	20206		1
IS THE LIFT IN THE FRONT OR REAR OF THE UNIT?			Rear				1
BRAUN LIFTS							1
Braun Century NCL 1000 3454HB-2 1000# (34"x54") *N/A FRONT LIFT 138/139"WB				05	20230		1
Seat Belt on Braun Lift - Installed				05	8801		1
LIFT FAST IDLE WITH 403 INTERLOCK							1
Intermotive Gateway 508-F Ford E or 517-F Transit Fast Idle with Lift Interlock				05	99		1
SureLok W.C. Securement Kits, Accessories							1
FF627S-4C Retract,S Hook ,FE2000727HA Combo Lap/Shldr, L Track				05	8685		2
FE200750-16 16" Quick Strap (each)				05	20239		4
Sure-Lok Belt Cutter (ship loose)				05	8177		1
Sure-Lok Belt Storage Pouch				05	8099		2
Miscellaneous Accessories							1
Priority Seating Sign **Required for ADA Compliance**				05	8104		4
Wheelchair Decal (International Symbol of Accessibility) Each				05	8105		2
Tool Box Wheelchair Belt Storage				05	20257		1
SAFETY OPTIONS							
5 Lb Fire Extinguisher				05	8089		1
25 Unit First Aid Kit				05	20263		1
Body Fluid Kit				05	20264		1
Emergency Triangle Kit				05	8091		1
Fire Blanket				05	20266		1
Back-Up Alarm SAE Type C 97 db(A)				05	20267		1
STANDARD ROSCO STSK4750 BACK-UP CAMERA SYSTEM W/ 7" REARVIEW MONITOR / MIRROR COMBO				05	STD		1
Interior Flat Mirror, 6" x 16" (N/A ON DUAL DOOR CHASSIS)				05	20277		1
Wide Angle Lens 11"x14", Fresnel				05	20278		1
Red Light Over Emergency Exit Ea: ON:	two doors & 3 windows			05	8155		5
"NO SMOKING" Sign				05	20282		1
Yellow "Standee" Line				05	8802		1
Decal "Please Fasten your Seat Belt"				05	20286		1
Decal "Please Watch Your Step"				05	20288		2
Decal Vehicle Height Sticker				05	20289		1
Emergency Exit Decal RED LOCATION:	rear door & egress windows			05	20292		4
American safety mylar blanket 2466				S T	99		1
American safety relective vest				S T	99		1
emergency dial 911 decal				S T	99		1

emergency equipment ship loose	S T	99		1
exterior decal This vehicle makes frequent stops	S T	99		1
exterior decal This vehicle stops at railroad crossing		NOTE		1
Exterior decal Stand clear of lift		NOTE		1
GRAB RAIL / STANCHION / PANELS				
Ceiling Grab Rail - Install on Both Sides	05	99		1
Left Hand Entry Vertical Grab Rail - 1 1/4"		STD		1
1 1/4" Dual Entry Grab Rails Parallel to Entrance Steps (both sides)	05	8130		1
Stanchion and Modesty Panel at Entry Door		STD		1
Stanchion and Modesty Panel Behind Driver	05	20301		1
Padding on Stanchion - Gray - Per 40" Max Length Each (note location(s) below)	05	20304		2
Aisle side of driver & entry modesty		NOTE		1
Add Tinted Plexiglass Upper Panel	05	8146		1
Additional stanchion floor to bulkhead to upper right of entrance steps	S T	99		1
SEATING - DRIVER				
OEM DRIVER'S SEAT ORDERED ON CHASSIS		NOTE		1
SEATING - PASSENGER				
STD RIGID SEATS				
Mid High Double Seat	05	8067		7
FOLDAWAY SEATS				
Foldaway Seat - Mid-High Notch Back Double AM (non-wheelwell)	05	2336		1
ICS & 3POINT SEATS **REQUIRES WEIGHT ANALYSIS FOR APPROVAL**				
Double Seat with (2) Integrated Child Seats	05	2541		1
PASSENGER SEAT FABRICS				
Seat Cover - Level 3.5	05	2663		18
SEAT OPTIONS				
ABS Seat Backs Per Person (Mid-High Rigid and Notchback Folds Only)	05	2664		16
Anti-Vandal Grab Handle, Black Ea on:	05	2311		14
Black US Armrest - Each - on:	05	2077		9
Child Restraint System CRS225 Clips - Per Person	05	2554		2
SEAT BELTS				
Seat Belt, Retractable ** NOT AVAILABLE WITH FOLDAWAY OR FLIP SEATS **ORDER USR BELTS	05	2087		16
Seat Belt, Freedman USR Retractable (Per Person)	05	2282		2
Seat Belt Extension, 12" FOR STANDARD SEAT BELTS	05	2250		3
Seat Belt Extension, 12" (P/N 56410) FOR USR SEAT BELTS	05	8771		1
MISCELLANEOUS				
ELDORADO DISCOUNT				1
CONVERSION ONLY PRICE TOTAL				
FREIGHT CHARGE *ENTER MILES	S T	1.86		1
MILES:		407		

Eldorado Bus**Pre-Award BUY AMERICA CERTIFICATION**

This certifies compliance with FTA Buy America Regulations set forth in 49 C.F.R. § 661.11 for each component that more than 70% of the subcomponents, by cost, are of U.S. origin/manufacture and is manufactured in the U.S. Manufacturer attests that the U.S. content of subcomponents, by cost is as indicated below.

CHASSIS DESCRIPTION	MANUFACTURER NAME		% U.S. CONTENT	%FOREIGN CONTENT
ADVANTAGE 25 176" WB E-450	Eldorado Bus		70.92%	29.08%
COMPONENT NAME	MANUFACTURER NAME	MFG LOCATION	% OF TOTAL	
Chassis	Ford Motor Co.	U.S.	38.61%	
Destination Signs	Transign	U.S.	3.48%	
Exterior Mirrors	ROSCO	U.S.	0.42%	
A/C System	Trans Air	U.S.	6.59%	
Wheelchair/Rear Door(s)	Challenger Door	U.S.	1.48%	
Wheelchair Lift	Braun	U.S.	4.32%	
Seating	Freedman	U.S.	9.17%	
DVR/NVR	ANGELTRAX	U.S.	3.07%	
Roof Hatch	Transpec	U.S.	0.20%	
Entry Door Header/Door Panels	A&M Systems	U.S.	0.67%	
Windows	Lippert Components Inc	U.S.	0.63%	
Intermotive Gateway	LGS Group	U.S.	0.84%	
Fiberglass Caps/Transitions	Sampson Fiberglass	U.S.	1.05%	
Battery Box	MorRyde	U.S.	0.21%	
Running Boards	Stoutco	U.S.	0.19%	

MAJOR ACTIVITIES UNDERTAKEN AT THE FINAL ASSEMBLY LOCATION

All purchasing of raw and assembled materials including the chassis, fabrication and welding of the frame, prime paint, installation of all wood, fabric, FRP, aluminum and/or other body panel and/or trim materials, installation of doors and windows, HVAC components and systems, electrical systems, installation of any required options such as wheel chair lifts, tie down kits, seats, radios and optional electronic items, if any, complete undercoat, exterior paint and/or graphics if ordered, full road test, rain booth test and all other final quality functions as needed to ensure compliance with the contract.

FINAL ASSEMBLY LOCATION: 2367 CENTURY DRIVE, GOSHEN, IN 46528

BODY V.I.N. OF UNITS DELIVERED UNDER POST DELIVERY BUY AMERICA:

TBD

FINAL ASSEMBLY % OF TOTAL COST NOT INCLUDED IN THE MATERIAL COSTS ABOVE:

FINAL ASSEMBLY \$\$ NOT INCLUDED IN THE COSTS ABOVE

3.16%

\$1,508.59



AUTHORIZED SIGNATURE

Government Bid Assistant

TITLE

5/30/2024

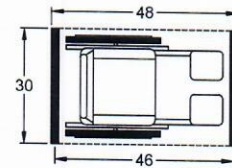
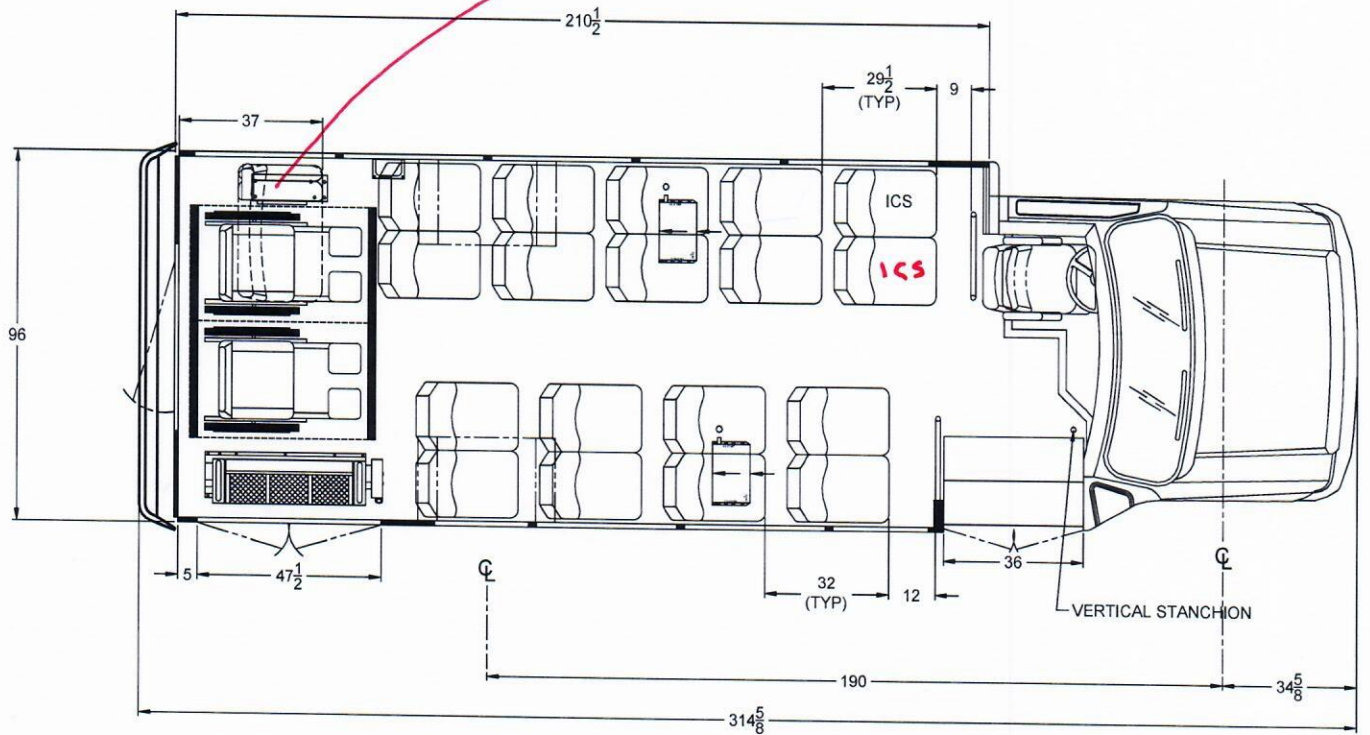
DATE

Luke Akins

PRINT NAME

Class C

Double Foldaway



NOTE: SHOWN WITH MID HI FREEDMAN SEATS
E-450 14,500 GVWR
THIS FLOOR PLAN IS FOR ILLUSTRATION PURPOSES ONLY.
A WEIGHT ANALYSIS HAS NOT YET BEEN PERFORMED.
FINAL APPROVAL WITH A WEIGHT ANALYSIS IS REQUIRED UPON RECEIPT OF A
COMPLETED ORDER WITH ALL OPTIONS SHOWN.
OPTIONAL EQUIPMENT MAY BE SHOWN.
THE SALES ORDER PLACED DICTATES ACTUAL OPTION CONTENT.

DEALER APPROVAL

☐ APPROVED

CUSTOMER SIGNATURE

SCALE
IN INCHES



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EXCLUSIVE PROPERTY OF FOREST RIVER BUS, A DIVISION OF
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PARTIES FOR EXAMINATION WITHOUT OUR WRITTEN
CONSENT. IT IS LOANED FOR USE WITH REFERENCE TO
WORK UNDER CONTRACT WITH, OR PROPOSALS SUBMITTED
TO FOREST RIVER BUS, A DIVISION OF FOREST RIVER.

REV.	DESCRIPTION OF CHANGE	BY	CHK	DATE	ECN No.
LET.					

TOLERANCE UNLESS
OTHERWISE SPECIFIED

WOOD	OTHER
± 1/8"	± 1/16"
± 1"	± 1/2"



TITLE
18 2 WC PASS. 190" WB
MODEL 25

FOREST RIVER BUS

NAME GRANS DATE 05/23/24

DWG. No. 18 2 WC 1 DB FOLD 190 199-1 FRB

Driver + 18p + 2 w/c

OR

Driver + 20p. + 1 w/c

5/24/2024 18 2 WC 1 FOLD 190 199-1 FRB WA

The diagram illustrates the layout of the parking lot with capacity calculations for each section. The lot is divided into four main areas: Front Curbside, Rear Curbside, Front Roadside, and Rear Roadside. Each area has a specific capacity and a combined total for all sections.

Section	Maximum Capacity	Combined Total
Front Curbside	2500	2087.05
Rear Curbside	4800	4478.76
Front Roadside	2500	2276.63
Rear Roadside	4800	4497.18
Combined Front	5000	4363.68
Combined Rear	9600	8975.95

WV Class C – Ford E450 208" WB ElDorado 27 with capacity of Driver 18 and 2 WC plus 1 double foldaway seat

ADVANTAGE - FORD E450 - 14,500 GVWR - CONVERSION ONLY PRICING

ADVANTAGE	WB E-450 7.3L Premium Gas Engine W/240 Amp Ford Alt ***	E	1012	C	1
SPECIAL INSTRUCTIONS OR NOTES					1
As built schematics and parts x 2 on thumb drive			NOTE		1
Switches on dog house not overhead			NOTE		1
Add lift master switch			NOTE		1
wheelchocks 1 pair			NOTE		1
black rubber rub rail ILO standard			NOTE		1
white reflective DOT tape length of bus body and around one egress per side			NOTE		1
proof of alignment			NOTE		1
Adn.k Seat base			NOTE		1
			NOTE		1
			NOTE		1
			NOTE		1
WARRANTY					
Optional Eldorado 3 Year / 36,000 Mile Limited Warranty		05	STD		1
ELECTRICAL SYSTEM					
Intermotive Flex Tech Electrical System		05	STD		1
SIDEWALL / REARWALL / CEILING					
Sidewall: Grey FRP		05	STD		1
Driver Area: Grey Padded Vinyl		05	STD		1
FRP on Ceiling, Grey		05	2289		1
FRP on Rearwall, Grey		05	2040		1
FRP on Sidewall Under Seat Track, Grey		05	2093		1
FLOORING - WHITE NOSING IS STANDARD					
Gerflor Sirius NT #6727 Anthracite (Grey) I.L.O. Graphite		05	2823		1
3/4" Marine Tech Plywood Floor		05	2291		1
Graphite for aisle Anthracite under seats		S T	99		1
CHASSIS					
Front Mud Flap (1), Passenger Side Only (to be used with Running Board) - NOT AVAILABLE ON FORD TRANSIT		05	2340		1
Heavy Duty Anti-Slip Aluminum Running Board on Driver Side (Large) (NOT AVAILABLE ON FORD TRANSIT)		05	2623		1
Mor-Ryde RS Suspension (SUBJECT TO WEIGHT ANALYSIS APPROVAL)		05	99		1
Galvanized Belly Metal (SUBJECT TO WEIGHT ANALYSIS APPROVAL)		05	2275		1
Exterior Mirror Set, Remote/Heated, Ford		05	2444		1
Valve Stem Extender Inner Dual Rear Wheel, pair		05	8606		1
Galvanized Steel Entry Step Lower Sides Only - Does NOT Include Upper Sides & Header		05	22388		1
Metal Locking Door for Fuel Fill		05	22045		1
Use special stewart drawing 31-28-0096-14		S T	99		1
ENVIRONMENTAL CONTROL					
TRANS/AIR AIR CONDITIONING SYSTEMS					

PriceTA 7722 approved as equal	S			
	T	99		1
HEATERS				
				1
Hot Water Heater, 65K BTU Floor Mounted 3 Speed Low Profile OK Side Sliders	05	8045		2
MISCELLANEOUS				
				1
Heater Booster Pump - does not include electric valves	05	20088		1
Defroster Fan - Mount Location:	05	20092		1
ELECTRICAL				
Door Ajar Buzzer on Rear Door	05	22079		1
Door Ajar Warning on Wheelchair Door - Buzzer and Light in Driver Area	05	22082		1
Window Ajar Alarm Buzzer on Egress Window, each	05	8679		0
Stainless Steel Battery Tray Slides ILO Zinc Plated Slides - Extra Charge	05	2869		1
Light in Engine Area	05	2316		1
ADA Stop Request, Pull Cord, Dual Auditory Tones, Dual Face Sign w/LED for ADA Request	05	2785		1
Touch Tape at WC area for ADA Stop Request - Activates 2nd Auditory Tone (Ea.)	05	2786		2
Heated Entry Step, Electric	05	22098		1
Laminated Wiring Schematic ***AS BUILT*** ON ELECTRICAL PANEL DOOR	05	22101		1
Wiring Diagram "AS BUILT" ON USB Flash Drive		STD		1
Angel Track 12 channel system per spec with 6 cameras	S			
	T	99		1
Non locking latches on battery box	S			
	T	99		1
Wire harnesses secured every 12'	S			
	T	99		1
DESTINATION SIGNS/I.D. SIGN/FRONT VIEW WINDOW				
				1
Luminator Horizon SMT Front Sign 16x120(6"x45") With ODK 4 Controller	05	20120		1
Transign LD1280 Side LED Sign 12x80 Display-Requires Front Sign	05	20123		1
FAREBOXES				
				1
Fare box half stanchion with power and ground pre-wire, 6" coil	S			
	T	99		1
EXTERIOR LIGHTS				
Surface Mount LED Entry Door Exterior Light - STD Choose Optional Below or Special builds	05	STD		1
Turn Signals Flash With Open Door	05	20135		1
LED Rear Center Mount Brake Light, Rectangular	05	20136		1
LED Mid-Ship Turn / Marker Lights	05	20138		1
Independent RED Brake & AMBER Turn Signal Lights	05	20139		1
Strobe Light, Roof Mounted COLOR:	05	20140		1
		WHITE		
branch guard for strobe	S			
	T	99		1
INTERIOR LIGHTS				
				1
Additional Interior LED Dome Lamp - Each	05	8041		2
AUDIO / VISUAL				
				1
JPA600 PA System w/ Hand Held Mic & Clip Integrated with OEM Radio		99		1
Additional Speaker(s), Each	05	20157		2
FORD E-SERIES OEM AM/FM/BT RADIO ORDERED ON CHASSIS		NOTE		1
4 Speakers with Wire to Chassis OEM Radio (if supplied)	05	8822		1
On/Off Switch for Passenger Area Speakers	05	20161		1
External Speaker with ON/OFF Switch (each)	05	20162		1
Two way radio prewire with ground plane antennae port and pull wire	S			
	T	99		1
Ford OEM radio on chassis	S			
	T	99		1
DOORS / HATCH / WINDOWS				

Electric Entry Door is Standard. Add Option #2056 if Manual is Desired				
Passenger Door Electric (standard)	05	20163		1
Passenger Door 36" ROUGH OPENING (STANDARD)	05	2063		1
Exterior Passenger Entrance Door Key	05	8133		1
Rear Door, (1) Window - Optional Right Hand Hinge	05	8016		1
Additional Window for Rear Door	05	8682		1
Twin Windows Either Side of Rear Door	05	20175		1
Roof Hatch - Transpec 1070 Series Dual Purpose Safety Vent II	05	20179		1
Extra Egress Window(s)	Total Number of Egress Windows:		4	05 20188
LUGGAGE RACK / STORAGE				1
Driver Storage in Cab Overhead	05	20191		1
PARATRANSIT OPTIONS				1
Double W/C Doors w/ Windows, LED Interior Light, Leaf Spring, LED Exterior Lighting	05	20206		1
IS THE LIFT IN THE FRONT OR REAR OF THE UNIT?	Rear			1
BRAUN LIFTS				1
Braun Century NCL 1000 3454HB-2 1000# (34"x54") *N/A FRONT LIFT 138/139"WB	05	20230		1
Seat Belt on Braun Lift - Installed	05	8801		1
LIFT FAST IDLE WITH 403 INTERLOCK				1
Intermotive Gateway 508-F Ford E or 517-F Transit Fast Idle with Lift Interlock	05	99		1
SureLok W.C. Securement Kits, Accessories				1
FF627S-4C Retract,S Hook ,FE2000727HA Combo Lap/Shldr, L Track	05	8685		2
FE200750-16 16" Quick Strap (each)	05	20239		4
Sure-Lok Belt Cutter (ship loose)	05	8177		1
Sure-Lok Belt Storage Pouch	05	8099		2
Miscellaneous Accessories				1
Priority Seating Sign **Required for ADA Compliance**	05	8104		4
Wheelchair Decal (International Symbol of Accessibility) Each	05	8105		2
Tool Box Wheelchair Belt Storage	05	20257		1
SAFETY OPTIONS				
5 Lb Fire Extinguisher	05	8089		1
25 Unit First Aid Kit	05	20263		1
Body Fluid Kit	05	20264		1
Emergency Triangle Kit	05	8091		1
Fire Blanket	05	20266		1
Back-Up Alarm SAE Type C 97 db(A)	05	20267		1
STANDARD ROSCO STSK4750 BACK-UP CAMERA SYSTEM W/ 7" REARVIEW MONITOR / MIRROR COMBO	05	STD		1
Interior Flat Mirror, 6" x 16" (N/A ON DUAL DOOR CHASSIS)	05	20277		1
Wide Angle Lens 11"x14", Fresnel	05	20278		1
Red Light Over Emergency Exit Ea: ON:	two doors & 3 windows		05	8155
"NO SMOKING" Sign	05	20282		1
Yellow "Standee" Line	05	8802		1
Decal "Please Fasten your Seat Belt"	05	20286		1
Decal "Please Watch Your Step"	05	20288		2
Decal Vehicle Height Sticker	05	20289		1
Emergency Exit Decal RED LOCATION:	rear door & egress windows		05	20292
American safety mylar blanket 2466	S T	99		1
American safety relective vest	S T	99		1

emergency dial 911 decal	S T	99		1
emergency equipment ship loose	S T	99		1
exterior decal This vehicle makes frequent stops	S T	99		1
exterior decal This vehicle stops at railroad crossing		NOTE		1
Exterior decal Stand clear of lift		NOTE		1
GRAB RAIL / STANCHION / PANELS				
Ceiling Grab Rail - Install on Both Sides	05	99		1
Left Hand Entry Vertical Grab Rail - 1 1/4"		STD		1
1 1/4" Dual Entry Grab Rails Parallel to Entrance Steps (both sides)	05	8130		1
Stanchion and Modesty Panel at Entry Door		STD		1
Stanchion and Modesty Panel Behind Driver	05	20301		1
Padding on Stanchion - Gray - Per 40" Max Length Each (note location(s) below)	05	20304		2
Aisle side of driver & entry modesty		NOTE		1
Add Tinted Plexiglass Upper Panel LOCATION: driver modesty	05	8146		1
Additional stanchion floor to bulkhead to upper right of entrance steps	S T	99		1
SEATING - DRIVER				
OEM DRIVER'S SEAT ORDERED ON CHASSIS		NOTE		1
SEATING - PASSENGER				
STD RIGID SEATS				
Mid High Double Seat	05	8067		8
FOLDAWAY SEATS				
Foldaway Seat - Mid-High Notch Back Double AM (non-wheelwell)	05	2336		1
ICS & 3POINT SEATS **REQUIRES WEIGHT ANALYSIS FOR APPROVAL **				
Double Seat with (2) Integrated Child Seats	05	2541		1
PASSENGER SEAT FABRICS				
Seat Cover - Level 3.5	05	2663		20
SEAT OPTIONS				
ABS Seat Backs Per Person (Mid-High Rigid and Notchback Folds Only)	05	2664		18
Anti-Vandal Grab Handle, Black Ea on:	05	2311		16
Black US Armrest - Each - on:	05	2077		10
Child Restraint System CRS225 Clips - Per Person	05	2554		2
SEAT BELTS				
Seat Belt, Retractable ** NOT AVAILABLE WITH FOLDAWAY OR FLIP SEATS **ORDER USR BELTS	05	2087		18
Seat Belt, Freedman USR Retractable (Per Person)	05	2282		2
Seat Belt Extension, 12" FOR STANDARD SEAT BELTS	05	2250		3
Seat Belt Extension, 12" (P/N 56410) FOR USR SEAT BELTS	05	8771		1
MISCELLANEOUS				
ELDORADO DISCOUNT				1
CONVERSION ONLY PRICE TOTAL				
FREIGHT CHARGE *ENTER MILES	S T	1.86		1
MILES: 407				

Eldorado Bus**Pre-Award BUY AMERICA CERTIFICATION**

This certifies compliance with FTA Buy America Regulations set forth in 49 C.F.R. § 661.11 for each component that more than 70% of the subcomponents, by cost, are of U.S. origin/manufacture and is manufactured in the U.S. Manufacturer attests that the U.S. content of subcomponents, by cost is as indicated below.

CHASSIS DESCRIPTION	MANUFACTURER NAME		% U.S. CONTENT	%FOREIGN CONTENT
ADVANTAGE 25 190" WB E-450	Eldorado Bus		<u>70.93%</u>	<u>29.07%</u>
COMPONENT NAME	MANUFACTURER NAME	MFG LOCATION	% OF TOTAL	
Chassis	Ford Motor Co.	U.S.	38.01%	
Destination Signs	Transign	U.S.	3.42%	
Exterior Mirrors	ROSCO	U.S.	0.41%	
A/C System	Trans Air	U.S.	6.49%	
Wheelchair/Rear Door(s)	Challenger Door	U.S.	1.45%	
Wheelchair Lift	Braun	U.S.	4.25%	
Seating	Freedman	U.S.	10.14%	
DVR/NVR	ANGELTRAX	U.S.	3.02%	
Roof Hatch	Transpec	U.S.	0.20%	
Entry Door Header/Door Panels	A&M Systems	U.S.	0.66%	
Windows	Lippert Components Inc	U.S.	0.62%	
Intermotive Gateway	LGS Group	U.S.	0.83%	
Fiberglass Caps/Transitions	Sampson Fiberglass	U.S.	1.03%	
Battery Box	MorRyde	U.S.	0.20%	
Running Boards	Stoutco	U.S.	0.19%	

MAJOR ACTIVITIES UNDERTAKEN AT THE FINAL ASSEMBLY LOCATION

All purchasing of raw and assembled materials including the chassis, fabrication and welding of the frame, prime paint, installation of all wood, fabric, FRP, aluminum and/or other body panel and/or trim materials, installation of doors and windows, HVAC components and systems, electrical systems, installation of any required options such as wheel chair lifts, tie down kits, seats, radios and optional electronic items, if any, complete undercoat, exterior paint and/or graphics if ordered, full road test, rain booth test and all other final quality functions as needed to ensure compliance with the contract.

FINAL ASSEMBLY LOCATION: 2367 CENTURY DRIVE, GOSHEN, IN 46528

BODY V.I.N. OF UNITS DELIVERED UNDER POST DELIVERY BUY AMERICA:
TBD

FINAL ASSEMBLY % OF TOTAL COST NOT INCLUDED IN THE MATERIAL COSTS ABOVE:

FINAL ASSEMBLY \$\$ NOT INCLUDED IN THE COSTS ABOVE

3.11%

\$1,508.59



AUTHORIZED SIGNATURE

Government Bid Assistant

TITLE

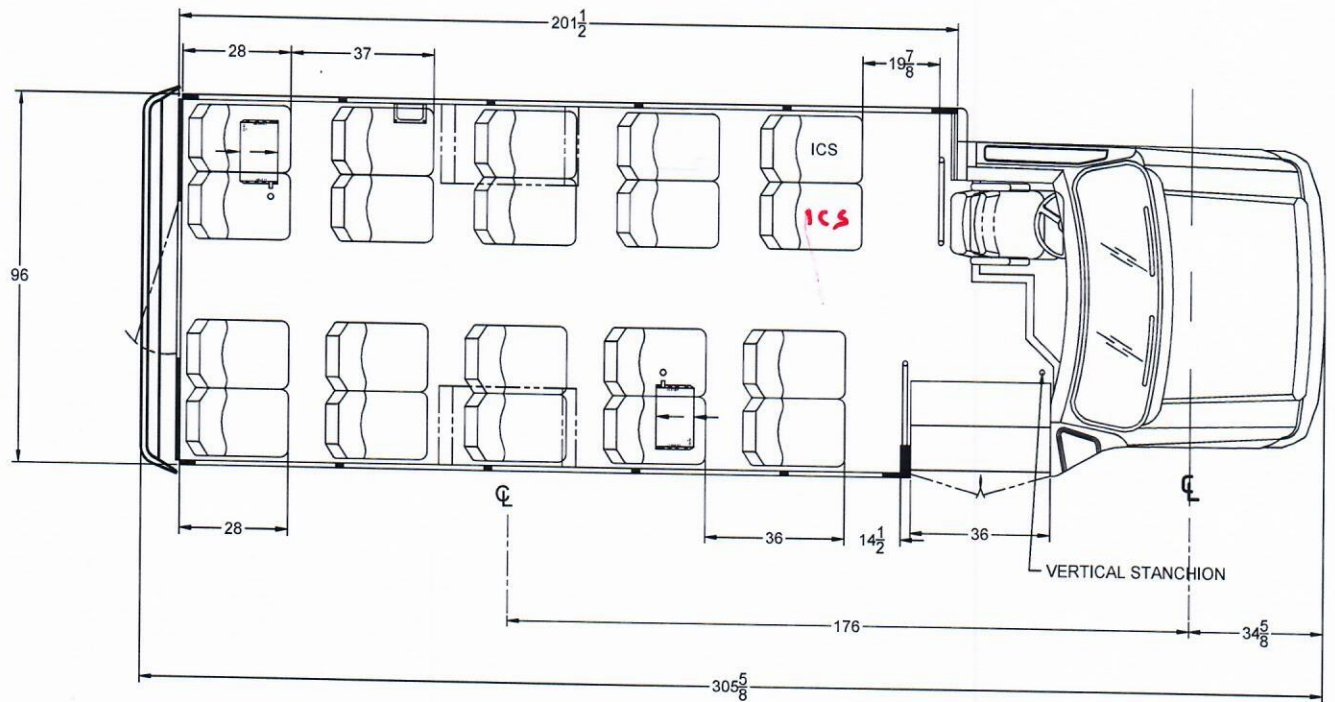
5/30/2024

DATE

Luke Akins

PRINT NAME

Class D



DEALER APPROVAL

☐ APPROVED

CUSTOMER SIGNATURE

NOTE: SHOWN WITH MID HI FREEDMAN SEATS
E-450 14,500 GVWR
THIS FLOOR PLAN IS FOR ILLUSTRATION PURPOSES ONLY.
A WEIGHT ANALYSIS HAS NOT YET BEEN PERFORMED.
FINAL APPROVAL WITH A WEIGHT ANALYSIS IS REQUIRED UPON RECEIPT OF A
COMPLETED ORDER WITH ALL OPTIONS SHOWN.
OPTIONAL EQUIPMENT MAY BE SHOWN.
THE SALES ORDER PLACED DICTATES ACTUAL OPTION CONTENT.

SCALE
IN INCHES



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REV.
LET.

DESCRIPTION OF CHANGE

BY

CHK

DATE

ECN No.

TOLERANCE UNLESS
OTHERWISE SPECIFIED

WOOD	OTHER
± 1/8"	± 1/16"
± 1"	± 1/2"



FOREST RIVER BUS

TITLE	20 PASS. 176" WB MODEL 25
NAME	CRANS
DATE	03/16/23
DWG. No.	20 PASS 176 190-8 FRB

Driver + 20 p.

5/29/2024 20 PASS 176 190-8 FRB WA

The diagram illustrates the parking lot layout with capacity calculations for four main areas:

- Front Curbside:** Maximum Capacity 2500. Calculated capacity: 1780.15.
- Rear Curbside:** Maximum Capacity 4800. Calculated capacity: 4500.63.
- Front Roadside:** Maximum Capacity 2500. Calculated capacity: 1968.43.
- Rear Roadside:** Maximum Capacity 4800. Calculated capacity: 4411.36.

Combined capacities for the front and rear sections are also shown:

- Combined Front:** 5000 Maximum Capacity. Calculated capacity: 3748.58.
- Combined Rear:** 9600 Maximum Capacity. Calculated capacity: 8911.98.

ADVANTAGE - FORD E450 - 14,500 GVWR - CONVERSION ONLY PRICING

ADVANTAGE 24 176' WB E-450 7.3L Premium Gas Engine W/240 Amp Ford Alt	E	1009	C	1
SPECIAL INSTRUCTIONS OR NOTES				
As built schematics and parts x 2 on thumb drive				1
Switches on dog house not overhead				1
Add lift master switch				1
wheelchocks 1 pair				0
black rubber rub rail ILO standard				1
white reflective DOT tape length of bus body and around one egress per side				1
proof of alignment				1
Adnk Seat base				1
				1
				1
				1
WARRANTY				
Optional Eldorado 3 Year / 36,000 Mile Limited Warranty	05	STD		1
ELECTRICAL SYSTEM				
Intermotive Flex Tech Electrical System	05	STD		1
SIDEWALL / REARWALL / CEILING				
Sidewall: Grey FRP	05	STD		1
Driver Area: Grey Padded Vinyl	05	STD		1
FRP on Ceiling, Grey	05	2289		1
FRP on Rearwall, Grey	05	2040		1
FRP on Sidewall Under Seat Track, Grey	05	2093		1
FLOORING - WHITE NOSING IS STANDARD				
Gerflor Sirius NT #6727 Anthracite (Grey) I.L.O. Graphite	05	2823		1
3/4" Marine Tech Plywood Floor	05	2291		1
Graphite for aisle Anthracite under seats	S T	99		1
CHASSIS				
Front Mud Flap (1), Passenger Side Only (to be used with Running Board) - NOT AVAILABLE ON FORD TRANSIT	05	2340		1
Heavy Duty Anti-Slip Aluminum Running Board on Driver Side (Large) (NOT AVAILABLE ON FORD TRANSIT)	05	2623		1
Mor-Ryde RS Suspension (SUBJECT TO WEIGHT ANALYSIS APPROVAL)	05	99		1
Galvanized Belly Metal (SUBJECT TO WEIGHT ANALYSIS APPROVAL)	05	2275		1
Exterior Mirror Set, Remote/Heated, Ford	05	2444		1
Valve Stem Extender Inner Dual Rear Wheel, pair	05	8606		1
Galvanized Steel Entry Step Lower Sides Only - Does NOT Include Upper Sides & Header	05	22388		1
Metal Locking Door for Fuel Fill	05	22045		1
Use special stewart drawing 31-28-0096-14	S T	99		1
ENVIRONMENTAL CONTROL				
TRANS/AIR AIR CONDITIONING SYSTEMS				

DUAL COMPRESSOR SYSTEMS CEILING MOUNT EVAPORATOR				1
¹ = TA77 INDEPENDENT OF OEM DASH A/C W/LARGER COMPRESSOR **RECOMMENDED BY A/C MFR				1
TA773 SUPER 80K - TA77 EVAP - SMC3L COND - 13.4 C.I.D. COMP UPGRADE TO TA774C OR TA77R90 FOR HOT CLIMATES CHASSIS/ENGINE BELOW)				1
NOTE: (SELECT				
¹ TA773 SUPER 13	FORD 7.3 LITRE PREMIUM GAS ENGINE	05	10479	1
PriceTA 7722 approved as equal		S T	99	0
HEATERS				1
Hot Water Heater, 65K BTU Floor Mounted 3 Speed Low Profile OK Side Sliders		05	8045	2
MISCELLANEOUS				1
Heater Booster Pump - does not include electric valves		05	20088	1
Defroster Fan - Mount Location:		05	20092	1
ELECTRICAL				
Door Ajar Buzzer on Rear Door		05	22079	1
Door Ajar Warning on Wheelchair Door - Buzzer and Light in Driver Area		05	22082	0
Window Ajar Alarm Buzzer on Egress Window, each		05	8679	3
Stainless Steel Battery Tray Slides ILO Zinc Plated Slides - Extra Charge		05	2869	1
Light in Engine Area		05	2316	1
ADA Stop Request, Pull Cord, Dual Auditory Tones, Dual Face Sign w/LED for ADA Request		05	2785	1
Touch Tape at WC area for ADA Stop Request - Activates 2nd Auditory Tone (Ea.)		05	2786	0
Heated Entry Step, Electric		05	22098	1
Laminated Wiring Schematic ***AS BUILT*** ON ELECTRICAL PANEL DOOR		05	22101	1
Wiring Diagram "AS BUILT" ON USB Flash Drive			STD	1
Angel Track 12 channel system per spec with 6 cameras		S T	99	1
Non locking latches on battery box		S T	99	1
Wire harnesses secured every 12'		S T	99	1
DESTINATION SIGNS/I.D. SIGN/FRONT VIEW WINDOW				1
Luminator Horizon SMT Front Sign16x120(6"x45") With ODK 4 Controller		05	20120	1
Transign LD1280 Side LED Sign 12x80 Display-Requires Front Sign		05	20123	1
FAREBOXES				1
Fare box half stanchion with power and ground pre-wire, 6" coil		S T	99	1
EXTERIOR LIGHTS				
Surface Mount LED Entry Door Exterior Light - STD Choose Optional Below or Special builds		05	STD	1
Turn Signals Flash With Open Door		05	20135	1
LED Rear Center Mount Brake Light, Rectangular		05	20136	1
LED Mid-Ship Turn / Marker Lights		05	20138	1
Independent RED Brake & AMBER Turn Signal Lights		05	20139	1
Strobe Light, Roof Mounted COLOR:	WHITE	05	20140	1
branch guard for strobe		S T	99	1
INTERIOR LIGHTS				1
Additional Interior LED Dome Lamp - Each		05	8041	2
AUDIO / VISUAL				1
JPA600 PA System w/ Hand Held Mic & Clip Integrated with OEM Radio			99	1
Additional Speaker(s), Each		05	20157	2

FORD E-SERIES OEM AM/FM/BT RADIO ORDERED ON CHASSIS				NOTE		1
4 Speakers with Wire to Chassis OEM Radio (if supplied)			05	8822		1
On/Off Switch for Passenger Area Speakers			05	20161		1
External Speaker with ON/OFF Switch (each)			05	20162		1
Two way radio prewire with ground plane antennae port and pull wire			S T	99		1
Ford OEM radio on chassis			S T	99		1
DOORS / HATCH / WINDOWS						
Electric Entry Door is Standard. Add Option #2056 if Manual is Desired						
Passenger Door Electric (standard)			05	20163		1
Passenger Door 36" ROUGH OPENING (STANDARD)			05	2063		1
Exterior Passenger Entrance Door Key			05	8133		1
Rear Door, (1) Window - Optional Right Hand Hinge			05	8016		1
Additional Window for Rear Door			05	8682		1
Twin Windows Either Side of Rear Door			05	20175		1
Roof Hatch - Transpec 1070 Series Dual Purpose Safety Vent II			05	20179		1
Extra Egress Window(s)	Total Number of Egress Windows: 4		05	20188		1
LUGGAGE RACK / STORAGE						
Driver Storage in Cab Overhead			05	20191		1
Double W/C Doors w/ Windows, LED Interior Light, Leaf Spring, LED Exterior Lighting			05	20206		0
Braun Century NCL 1000 3454HB-2 1000# (34"x54") *N/A FRONT LIFT 138/139"WB			05	20230		0
Seat Belt on Braun Lift - Installed			05	8801		0
Intermotive Gateway 508-F Ford E or 517-F Transit Fast Idle with Lift Interlock			05	99		0
FF627S-4C Retract,S Hook ,FE2000727HA Combo Lap/Shldr, L Track			05	8685		0
FE200750-16 16" Quick Strap (each)			05	20239		0
Sure-Lok Belt Cutter (ship loose)			05	8177		0
Sure-Lok Belt Storage Pouch			05	8099		0
Miscellaneous Accessories						
Priority Seating Sign **Required for ADA Compliance**			05	8104		4
Wheelchair Decal (International Symbol of Accessibility) Each			05	8105		0
Tool Box Wheelchair Belt Storage			05	20257		1
SAFETY OPTIONS						
5 Lb Fire Extinguisher			05	8089		1
25 Unit First Aid Kit			05	20263		1
Body Fluid Kit			05	20264		1
Emergency Triangle Kit			05	8091		1
Fire Blanket			05	20266		1
Back-Up Alarm SAE Type C 97 db(A)			05	20267		1
STANDARD ROSCO STSK4750 BACK-UP CAMERA SYSTEM W/ 7" REARVIEW MONITOR / MIRROR COMBO			05	STD		1
Interior Flat Mirror, 6" x 16" (N/A ON DUAL DOOR CHASSIS)			05	20277		1
Wide Angle Lens 11"x14", Fresnel			05	20278		1
Red Light Over Emergency Exit Ea: ON:	two doors & 3 windows		05	8155		5
"NO SMOKING" Sign			05	20282		1
Yellow "Standee" Line			05	8802		1
Decal "Please Fasten your Seat Belt"			05	20286		1
Decal "Please Watch Your Step"			05	20288		2
Decal Vehicle Height Sticker			05	20289		1
Emergency Exit Decal RED LOCATION:	rear door & egress windows		05	20292		4

American safety mylar blanket 2466	S T	99		1
American safety selective vest	S T	99		1
emergency dial 911 decal	S T	99		1
emergency equipment ship loose	S T	99		1
exterior decal This vehicle makes frequent stops	S T	99		1
exterior decal This vehicle stops at railroad crossing		NOTE		1
Exterior decal Stand clear of lift		NOTE		1
GRAB RAIL / STANCHION / PANELS				
Ceiling Grab Rail - Install on Both Sides	05	99		1
Left Hand Entry Vertical Grab Rail - 1 1/4"		STD		1
1 1/4" Dual Entry Grab Rails Parallel to Entrance Steps (both sides)	05	8130		1
Stanchion and Modesty Panel at Entry Door		STD		1
Stanchion and Modesty Panel Behind Driver	05	20301		1
Padding on Stanchion - Gray - Per 40" Max Length Each (note location(s) below)	05	20304		2
Aisle side of driver & entry modesty		NOTE		1
Add Tinted Plexiglass Upper Panel	05	8146		1
Additional stanchion floor to bulkhead to upper right of entrance steps	S T	99		1
SEATING - DRIVER				
OEM DRIVER'S SEAT ORDERED ON CHASSIS		NOTE		1
SEATING - PASSENGER				
STD RIGID SEATS				
Mid High Double Seat	05	8067		9
Foldaway Seat - Mid-High Notch Back Double AM (non-wheelwell)	05	2336		0
ICS & 3POINT SEATS **REQUIRES WEIGHT ANALYSIS FOR APPROVAL**				
Double Seat with (2) Integrated Child Seats	05	2541		1
PASSENGER SEAT FABRICS				
Seat Cover - Level 3.5	05	2663		20
SEAT OPTIONS				
ABS Seat Backs Per Person (Mid-High Rigid and Notchback Folds Only)	05	2664		14
Anti-Vandal Grab Handle, Black Ea on:	05	2311		14
Black US Armrest - Each - on:	05	2077		10
Child Restraint System CRS225 Clips - Per Person	05	2554		2
SEAT BELTS				
Seat Belt, Retractable ** NOT AVAILABLE WITH FOLDAWAY OR FLIP SEATS **ORDER USR BELTS	05	2087		20
Seat Belt, Freedman USR Retractable (Per Person)	05	2282		0
Seat Belt Extension, 12" FOR STANDARD SEAT BELTS	05	2250		3
Seat Belt Extension, 12" (P/N 56410) FOR USR SEAT BELTS	05	8771		1
MISCELLANEOUS				
ELDORADO DISCOUNT				1
CONVERSION ONLY PRICE TOTAL				
FREIGHT CHARGE *ENTER MILES	S T	1.86		1
MILES:		407		

Eldorado Bus**Pre-Award BUY AMERICA CERTIFICATION**

This certifies compliance with FTA Buy America Regulations set forth in 49 C.F.R. § 661.11 for each component that more than 70% of the subcomponents, by cost, are of U.S. origin/manufacture and is manufactured in the U.S. Manufacturer attests that the U.S. content of subcomponents, by cost is as indicated below.

CHASSIS DESCRIPTION	MANUFACTURER NAME		% U.S. CONTENT	%FOREIGN CONTENT
ADVANTAGE 25 190" WB E-450	Eldorado Bus		71.12%	28.88%
COMPONENT NAME	MANUFACTURER NAME	MFG LOCATION	% OF TOTAL	
Chassis	Ford Motor Co.	U.S.	39.98%	
Destination Signs	Transign	U.S.	3.60%	
Exterior Mirrors	ROSCO	U.S.	0.43%	
A/C System	Trans Air	U.S.	6.82%	
Wheelchair/Rear Door(s)	Challenger Door	U.S.	0.47%	
Seating	Freedman	U.S.	12.27%	
DVR/NVR	ANGELTRAX	U.S.	3.18%	
Roof Hatch	Transpec	U.S.	0.21%	
Entry Door Header/Door Panels	A&M Systems	U.S.	0.70%	
Windows	Lippert Components Inc	U.S.	0.65%	
Intermotive Gateway	LGS Group	U.S.	0.87%	
Fiberglass Caps/Transitions	Sampson Fiberglass	U.S.	1.09%	
Battery Box	MorRyde	U.S.	0.21%	
Running Boards	Stoutco	U.S.	0.20%	
Grab Rail/Stanchion/Panels	United Roll Form	U.S.	0.44%	

MAJOR ACTIVITIES UNDERTAKEN AT THE FINAL ASSEMBLY LOCATION

All purchasing of raw and assembled materials including the chassis, fabrication and welding of the frame, prime paint, installation of all wood, fabric, FRP, aluminum and/or other body panel and/or trim materials, installation of doors and windows, HVAC components and systems, electrical systems, installation of any required options such as wheel chair lifts, tie down kits, seats, radios and optional electronic items, if any, complete undercoat, exterior paint and/or graphics if ordered, full road test, rain booth test and all other final quality functions as needed to ensure compliance with the contract.

FINAL ASSEMBLY LOCATION: 2367 CENTURY DRIVE, GOSHEN, IN 46528

BODY V.I.N. OF UNITS DELIVERED UNDER POST DELIVERY BUY AMERICA:
TBD

FINAL ASSEMBLY % OF TOTAL COST NOT INCLUDED IN THE MATERIAL COSTS ABOVE:

FINAL ASSEMBLY \$\$ NOT INCLUDED IN THE COSTS ABOVE

3.27%

\$1,508.59



AUTHORIZED SIGNATURE

Government Bid Assistant

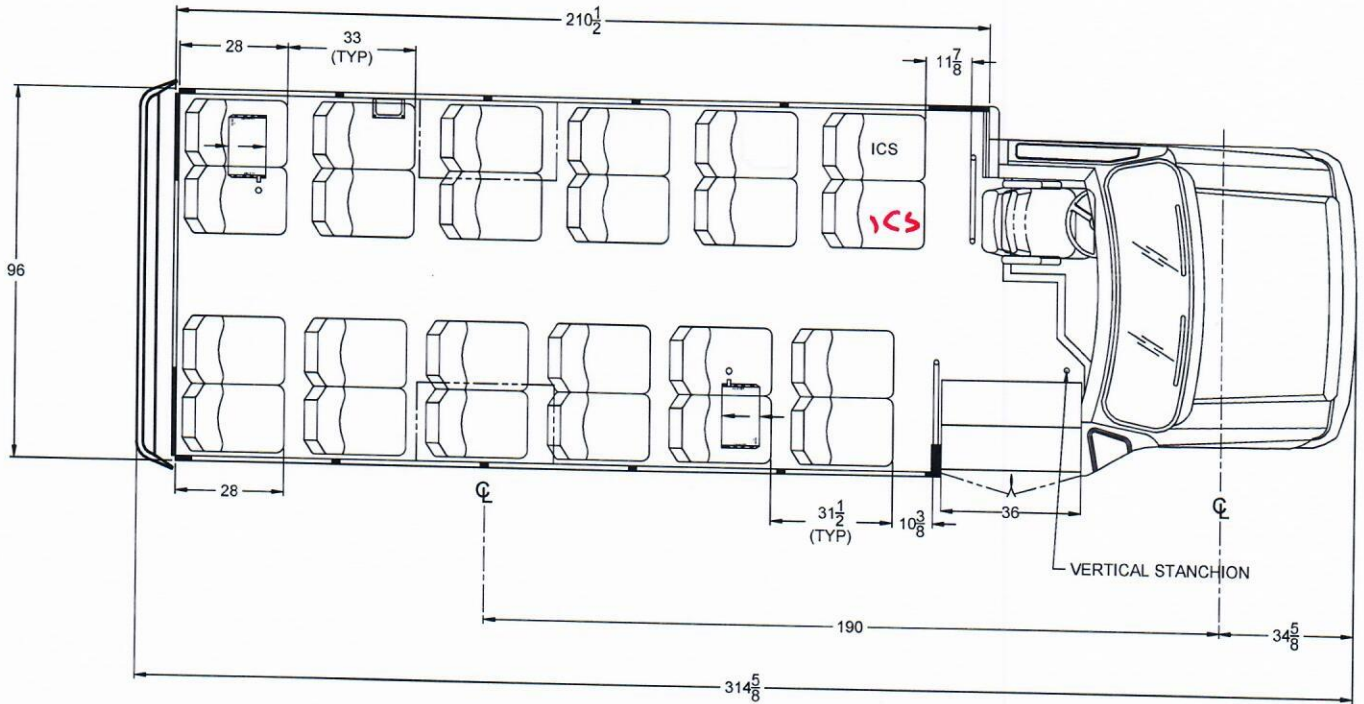
TITLE

5/30/2024

DATE

Luke Akins
PRINT NAME

Class E



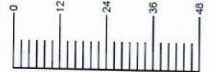
DEALER APPROVAL

☐ APPROVED

CUSTOMER SIGNATURE

NOTE: SHOWN WITH MID HI FREEDMAN SEATS
E-450 14,500 GVWR
THIS FLOOR PLAN IS FOR ILLUSTRATION PURPOSES ONLY.
A WEIGHT ANALYSIS HAS NOT YET BEEN PERFORMED.
FINAL APPROVAL WITH A WEIGHT ANALYSIS IS REQUIRED UPON RECEIPT OF A
COMPLETED ORDER WITH ALL OPTIONS SHOWN.
OPTIONAL EQUIPMENT MAY BE SHOWN.
THE SALES ORDER PLACED DICTATES ACTUAL OPTION CONTENT.

SCALE
IN INCHES



THIS DRAWING AND THE INFORMATION THEREON ARE THE EXCLUSIVE PROPERTY OF FOREST RIVER BUS, A DIVISION OF FOREST RIVER. IT SHALL NOT BE COPIED OR DUPLICATED IN ANY MANNER, NOR SHALL IT BE SUBMITTED TO OUTSIDE PARTIES FOR EXAMINATION WITHOUT OUR WRITTEN CONSENT. IT IS LOANED FOR USE WITH REFERENCE TO WORK UNDER CONTRACT WITH, OR PROPOSALS SUBMITTED TO FOREST RIVER BUS, A DIVISION OF FOREST RIVER.

REV.	DESCRIPTION OF CHANGE	BY	CHK	DATE	ECN No.
LET.					

TOLERANCE UNLESS OTHERWISE SPECIFIED

WOOD OTHER

± 1/8" ± 1/16"

± 1" ± 1/2"



FOREST RIVER BUS

TITLE
24 PASS, 190" WB
MODEL 26

NAME GRANS DATE 04/22/24

DWG. No. 24 PASS 190 199-14 FRB

Driver + Z4p.

5/29/2024 24 PASS 190 199-14 FRB WA

The diagram illustrates the layout of the parking lot with capacity calculations for four different areas:

- Front Curbside:** Maximum Capacity 2500, 2047.97
- Rear Curbside:** Maximum Capacity 4800, 4665.31
- Front Roadside:** Maximum Capacity 2500, 2272.28
- Rear Roadside:** Maximum Capacity 4800, 4555.50

Combined Front: 5000, 4320.25

Combined Rear: 9600, 9220.81

ADVANTAGE - FORD E450 - 14,500 GVWR - CONVERSION ONLY PRICING

ADVANTAGE 25 190 WB E-450 7.3L Premium Gas Engine W/240 Amp Ford Alt **

E 1010 C 1

SPECIAL INSTRUCTIONS OR NOTES

As built schematics and parts x 2 on thumb drive

Switches on dog house not overhead

Add lift master switch

wheelchocks 1 pair

black rubber rub rail ILO standard

white reflective DOT tape length of bus body and around one egress per side

proof of alignment

Adailc Seat base

NOTE	1
NOTE	1
NOTE	0
NOTE	1
NOTE	1
NOTE	1
NOTE	1
NOTE	1
NOTE	1
NOTE	1

WARRANTY

Optional Eldorado 3 Year / 36,000 Mile Limited Warranty

05 STD 1

ELECTRICAL SYSTEM

Intermotive Flex Tech Electrical System

05 STD 1

SIDEWALL / REARWALL / CEILING

Sidewall: Grey FRP

05 STD 1

Driver Area: Grey Padded Vinyl

05 STD 1

FRP on Ceiling, Grey

05 2289 1

FRP on Rearwall, Grey

05 2040 1

FRP on Sidewall Under Seat Track, Grey

05 2093 1

FLOORING - WHITE NOSING IS STANDARD

Gerflor Sirius NT #6727 Anthracite (Grey) I.L.O. Graphite

05 2823 1

3/4" Marine Tech Plywood Floor

05 2291 1

Graphite for aisle Anthracite under seats

S
T 99 1

CHASSIS

Front Mud Flap (1), Passenger Side Only (to be used with Running Board) - NOT AVAILABLE ON FORD TRANSIT

05 2340 1

Heavy Duty Anti-Slip Aluminum Running Board on Driver Side (Large) (NOT AVAILABLE ON FORD TRANSIT)

05 2623 1

Mor-Ryde RS Suspension (SUBJECT TO WEIGHT ANALYSIS APPROVAL)

05 99 1

Galvanized Belly Metal (SUBJECT TO WEIGHT ANALYSIS APPROVAL)

05 2275 1

Exterior Mirror Set, Remote/Heated, Ford

05 2444 1

Valve Stem Extender Inner Dual Rear Wheel, pair

05 8606 1

Galvanized Steel Entry Step Lower Sides Only - Does NOT Include Upper Sides & Header

05 22388 1

Metal Locking Door for Fuel Fill

05 22045 1

Use special stewart drawing 31-28-0096-14

S
T 99 1

ENVIRONMENTAL CONTROL

TRANS/AIR AIR CONDITIONING SYSTEMS

PriceTA 7722 approved as equal

S
T 99 1

HEATERS

1

Hot Water Heater, 65K BTU Floor Mounted 3 Speed Low Profile OK Side Sliders	05	8045		2
MISCELLANEOUS				
Heater Booster Pump - does not include electric valves				1
Defroster Fan - Mount Location:	05	20088		1
	05	20092		1
ELECTRICAL				
Door Ajar Buzzer on Rear Door	05	22079		1
Door Ajar Warning on Wheelchair Door - Buzzer and Light in Driver Area	05	22082		0
Window Ajar Alarm Buzzer on Egress Window, each	05	8679		3
Stainless Steel Battery Tray Slides ILO Zinc Plated Slides - Extra Charge	05	2869		1
Light in Engine Area	05	2316		1
ADA Stop Request, Pull Cord, Dual Auditory Tones, Dual Face Sign w/LED for ADA Request	05	2785		1
Touch Tape at WC area for ADA Stop Request - Activates 2nd Auditory Tone (Ea.)	05	2786		0
Heated Entry Step, Electric	05	22098		1
Laminated Wiring Schematic ***AS BUILT*** ON ELECTRICAL PANEL DOOR	05	22101		1
Wiring Diagram "AS BUILT" ON USB Flash Drive		STD		1
Angel Track 12 channel system per spec with 6 cameras	S T	99		1
Non locking latches on battery box	S T	99		1
Wire harnesses secured every 12'	S T	99		1
DESTINATION SIGNS/I.D. SIGN/FRONT VIEW WINDOW				
Luminator Horizon SMT Front Sign 16x120(6"x45") With ODK 4 Controller	05	20120		1
Transign LD1280 Side LED Sign 12x80 Display-Requires Front Sign	05	20123		1
FAREBOXES				
				1
Fare box half stanchion with power and ground pre-wire, 6" coil	S T	99		1
EXTERIOR LIGHTS				
Surface Mount LED Entry Door Exterior Light - STD Choose Optional Below or Special builds	05	STD		1
Turn Signals Flash With Open Door	05	20135		1
LED Rear Center Mount Brake Light, Rectangular	05	20136		1
LED Mid-Ship Turn / Marker Lights	05	20138		1
Independent RED Brake & AMBER Turn Signal Lights	05	20139		1
Strobe Light, Roof Mounted COLOR:	05	20140		1
		WHITE		
branch guard for strobe	S T	99		1
INTERIOR LIGHTS				
				1
Additional Interior LED Dome Lamp - Each	05	8041		2
AUDIO / VISUAL				
JPA600 PA System w/ Hand Held Mic & Clip Integrated with OEM Radio		99		1
Additional Speaker(s), Each	05	20157		2
FORD E-SERIES OEM AM/FM/BT RADIO ORDERED ON CHASSIS		NOTE		1
4 Speakers with Wire to Chassis OEM Radio (if supplied)	05	8822		1
On/Off Switch for Passenger Area Speakers	05	20161		1
External Speaker with ON/OFF Switch (each)	05	20162		1
Two way radio prewire with ground plane antennae port and pull wire	S T	99		1
Ford OEM radio on chassis	S T	99		1
DOORS / HATCH / WINDOWS				
Electric Entry Door is Standard. Add Option #2056 if Manual is Desired				
Passenger Door Electric (standard)	05	20163		1

Passenger Door 36" ROUGH OPENING (STANDARD)				05	2063		1
Exterior Passenger Entrance Door Key				05	8133		1
Rear Door, (1) Window - Optional Right Hand Hinge				05	8016		1
Additional Window for Rear Door				05	8682		1
Twin Windows Either Side of Rear Door				05	20175		1
Roof Hatch - Transpec 1070 Series Dual Purpose Safety Vent II				05	20179		1
Extra Egress Window(s)	Total Number of Egress Windows:		4	05	20188		1
LUGGAGE RACK / STORAGE							1
Driver Storage in Cab Overhead				05	20191		1
Double W/C Doors w/ Windows, LED Interior Light, Leaf Spring, LED Exterior Lighting				05	20206		0
Braun Century NCL 1000 3454HB-2 1000# (34"x54") *N/A FRONT LIFT 138/139"WB				05	20230		0
Seat Belt on Braun Lift - Installed				05	8801		0
Intermotive Gateway 508-F Ford E or 517-F Transit Fast Idle with Lift Interlock				05	99		0
FF627S-4C Retract,S Hook ,FE2000727HA Combo Lap/Shldr, L Track				05	8685		0
FE200750-16 16" Quick Strap (each)				05	20239		0
Sure-Lok Belt Cutter (ship loose)				05	8177		0
Sure-Lok Belt Storage Pouch				05	8099		0
Miscellaneous Accessories							1
Priority Seating Sign **Required for ADA Compliance**				05	8104		4
Wheelchair Decal (International Symbol of Accessibility) Each				05	8105		0
Tool Box Wheelchair Belt Storage				05	20257		1
SAFETY OPTIONS							
5 Lb Fire Extinguisher				05	8089		1
25 Unit First Aid Kit				05	20263		1
Body Fluid Kit				05	20264		1
Emergency Triangle Kit				05	8091		1
Fire Blanket				05	20266		1
Back-Up Alarm SAE Type C 97 db(A)				05	20267		1
STANDARD ROSCO STSK4750 BACK-UP CAMERA SYSTEM W/ 7" REARVIEW MONITOR / MIRROR COMBO				05	STD		1
Interior Flat Mirror, 6" x 16" (N/A ON DUAL DOOR CHASSIS)				05	20277		1
Wide Angle Lens 11"x14", Fresnel				05	20278		1
Red Light Over Emergency Exit Ea: ON:	two doors & 3 windows			05	8155		5
"NO SMOKING" Sign				05	20282		1
Yellow "Standee" Line				05	8802		1
Decal "Please Fasten your Seat Belt"				05	20286		1
Decal "Please Watch Your Step"				05	20288		2
Decal Vehicle Height Sticker				05	20289		1
Emergency Exit Decal RED LOCATION:	rear door & egress windows			05	20292		4
American safety mylar blanket 2466				S T	99		1
American safety relective vest				S T	99		1
emergency dial 911 decal				S T	99		1
emergency equiment ship loose				S T	99		1
exterior decal This vehicle makes frequent stops				S T	99		1
exterior decal This vehicle stops at railroad crossing					NOTE		1
Exterior decal Stand clear of lift					NOTE		1

GRAB RAIL / STANCHION / PANELS				
Ceiling Grab Rail - Install on Both Sides	05	99		1
Left Hand Entry Vertical Grab Rail - 1 1/4"		STD		1
1 1/4" Dual Entry Grab Rails Parallel to Entrance Steps (both sides)	05	8130		1
Stanchion and Modesty Panel at Entry Door		STD		1
Stanchion and Modesty Panel Behind Driver	05	20301		1
Padding on Stanchion - Gray - Per 40" Max Length Each (note location(s) below)	05	20304		2
Aisle side of driver & entry modesty		NOTE		1
Add Tinted Plexiglass Upper Panel	05	8146		1
Additional stanchion floor to bulkhead to upper right of entrance steps	S T	99		1
SEATING - DRIVER				
OEM DRIVER'S SEAT ORDERED ON CHASSIS		NOTE		1
SEATING - PASSENGER				
STD RIGID SEATS				
Mid High Double Seat	05	8067		11
Foldaway Seat - Mid-High Notch Back Double AM (non-wheelwell)	05	2336		0
ICS & 3POINT SEATS **REQUIRES WEIGHT ANALYSIS FOR APPROVAL**				
Double Seat with (2) Integrated Child Seats	05	2541		1
PASSENGER SEAT FABRICS				
Seat Cover - Level 3.5	05	2663		24
SEAT OPTIONS				
ABS Seat Backs Per Person (Mid-High Rigid and Notchback Folds Only)	05	2664		18
Anti-Vandal Grab Handle, Black Ea on:		all mid hi double seats		
Black US Armrest - Each - on:		aisle seats only		
Child Restraint System CRS225 Clips - Per Person	05	2554		2
SEAT BELTS				
Seat Belt, Retractable ** NOT AVAILABLE WITH FOLDAWAY OR FLIP SEATS **ORDER	05	2087		24
USR BELTS				
Seat Belt, Freedman USR Retractable (Per Person)	05	2282		0
Seat Belt Extension, 12" FOR STANDARD SEAT BELTS	05	2250		3
Seat Belt Extension, 12" (P/N 56410) FOR USR SEAT BELTS	05	8771		1
MISCELLANEOUS				
ELDORADO DISCOUNT				1
CONVERSION ONLY PRICE TOTAL				
FREIGHT CHARGE *ENTER MILES	MILES:	407	S T	1.86
				1

Eldorado Bus**Pre-Award BUY AMERICA CERTIFICATION**

This certifies compliance with FTA Buy America Regulations set forth in 49 C.F.R. § 661.11 for each component that more than 70% of the subcomponents, by cost, are of U.S. origin/manufacture and is manufactured in the U.S. Manufacturer attests that the U.S. content of subcomponents, by cost is as indicated below.

CHASSIS DESCRIPTION	MANUFACTURER NAME		% U.S. CONTENT	%FOREIGN CONTENT
ADVANTAGE 25 176" WB E-450	Eldorado Bus		71.20%	28.80%
COMPONENT NAME	MANUFACTURER NAME	MFG LOCATION	% OF TOTAL	
Chassis	Ford Motor Co.	U.S.	40.90%	
Destination Signs	Transign	U.S.	3.69%	
Exterior Mirrors	ROSCO	U.S.	0.44%	
A/C System	Trans Air	U.S.	6.98%	
Wheelchair/Rear Door(s)	Challenger Door	U.S.	0.48%	
Seating	Freedman	U.S.	10.78%	
DVR/NVR	ANGELTRAX	U.S.	3.25%	
Roof Hatch	Transpec	U.S.	0.21%	
Entry Door Header/Door Panels	A&M Systems	U.S.	0.71%	
Windows	Lippert Components Inc	U.S.	0.89%	
Intermotive Gateway	LGS Group	U.S.	0.89%	
Fiberglass Caps/Transitions	Sampson Fiberglass	U.S.	1.11%	
Battery Box	MorRyde	U.S.	0.22%	
Running Boards	Stoutco	U.S.	0.20%	
Grab Rail/Stanchion/Panels	United Roll Form	U.S.	0.45%	

MAJOR ACTIVITIES UNDERTAKEN AT THE FINAL ASSEMBLY LOCATION

All purchasing of raw and assembled materials including the chassis, fabrication and welding of the frame, prime paint, installation of all wood, fabric, FRP, aluminum and/or other body panel and/or trim materials, installation of doors and windows, HVAC components and systems, electrical systems, installation of any required options such as wheel chair lifts, tie down kits, seats, radios and optional electronic items, if any, complete undercoat, exterior paint and/or graphics if ordered, full road test, rain booth test and all other final quality functions as needed to ensure compliance with the contract.

FINAL ASSEMBLY LOCATION: 2367 CENTURY DRIVE, GOSHEN, IN 46528

BODY V.I.N. OF UNITS DELIVERED UNDER POST DELIVERY BUY AMERICA:
TBD

FINAL ASSEMBLY % OF TOTAL COST NOT INCLUDED IN THE MATERIAL COSTS ABOVE:

FINAL ASSEMBLY \$\$ NOT INCLUDED IN THE COSTS ABOVE

3.34%

\$1,508.59

Luke Akins

AUTHORIZED SIGNATURE

Government Bid Assistant

TITLE

5/30/2024

DATE

Luke Akins

PRINT NAME

REQUEST FOR QUOTATION
<30' Length Cutaway Bus

BID FORM #1

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: Rohrer Bus Sales _____

Address: 1515 State Road PO Box 100 _____

Duncannon, PA 17020 _____

Telephone: 800-735-3900 _____

Name: _____

Address: _____

Telephone: _____

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

Name: Rohrer Bus Sales _____

Address: 1515 State Road PO Box 100 _____

Duncannon, PA 17020 _____

Telephone: 800-735-3900/540-729-3751 _____

Name: _____

Address: _____

Telephone: _____

REQUEST FOR QUOTATION
<30' Length Cutaway Bus

BID FORM #2

CERTIFICATION FOR AIR & WATER POLLUTION

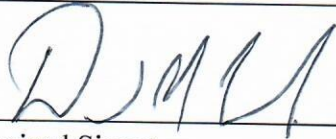
The Vendor certifies that the vehicles proposed:

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.

5/29/24

Date



Authorized Signature

Senior Vice President Sales

Title

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Company Name

REQUEST FOR QUOTATION
<30' Length Cutaway Bus

BID FORM #3

**DISADVANTAGED BUSINESS ENTERPRISE
VENDORS/ MANUFACTURERS CERTIFICATION**

(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.

X_____ 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.

5/29/24

Date

Authorized Signature

Senior Vice President Sales
Title

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales
Company Name

REQUEST FOR QUOTATION
<30' Length Cutaway Bus

BID FORM #3

DISADVANTAGED BUSINESS ENTERPRISE
VENDORS/ MANUFACTURERS CERTIFICATION

(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.

5/24/2024

Date

JACOB BLOOM

Authorized Signature

Government Bid Sales

Title

FOREST RIVER BUS, LLC

Company Name

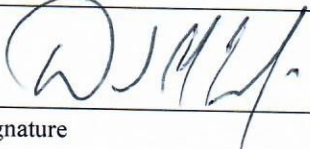
REQUEST FOR QUOTATION
<30' Length Cutaway Bus

BID FORM #4

**BUY AMERICA CERTIFICATION
ROLLING STOCK**

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:

5-29-24
Date


Authorized Signature

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales
Company Name

David M Clawson
Name

Senior Vice President Sales
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
<30' Length Cutaway Bus

BID FORM #4

**BUY AMERICA CERTIFICATION
ROLLING STOCK**

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:

5/24/2024

Date

JACOB BLOOM

Authorized Signature

FOREST RIVER BUS, LLC

Company Name

JACOB BLOOM

Name

Government Bid Sales

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
<30' Length Cutaway Bus

BID FORM #5

**FEDERAL MOTOR VEHICLE
SAFETY STANDARDS CERTIFICATION**

The vendor hereby certifies that it shall submit, as required by Title 49 of the CFR, Part 663 - Subpart D, it's 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.

5-29-24
Date
Authorized Signature
Senior Vice President Sales
Title
Rohrer Enterprises, Inc. DBA Rohrer Bus Sales
Company Name

REQUEST FOR QUOTATION
<30' Length Cutaway Bus

BID FORM #5

**FEDERAL MOTOR VEHICLE
SAFETY STANDARDS CERTIFICATION**

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.

5/24/2024

Date

JACOB BLOOM _____
Authorized Signature

Government Bid Sales

Title

FOREST RIVER BUS, LLC

Company Name

REQUEST FOR QUOTATION
<30' Length Cutaway Bus

BID FORM #6
U.S. Comptroller's Debarment List Certification

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales hereby certifies that it

 IS or

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

5-29-24
Date

[Signature]
Authorized Signature

Senior Vice President Sales

Title

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Company Name

REQUEST FOR QUOTATION
<30' Length Cutaway Bus

BID FORM #6
U.S. Comptroller's Debarment List Certification

FOREST RIVER BUS, LLC 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>.

5/24/2024

Date

JACOB BLOOM
Authorized Signature

Government Bid Sales

Title

FOREST RIVER BUS, LLC

Company Name

REQUEST FOR QUOTATION
<30' Length Cutaway Bus

BID FORM #7

**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),

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales (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),
Rohrer Enterprises, Inc. DBA Rohrer Bus Sales, 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.


_____, Senior Vice President Sales
Signature and Title of Authorized Official

REQUEST FOR QUOTATION
<30' Length Cutaway Bus

BID FORM #7

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

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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.

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THE PRIMARY PARTICIPANT (APPLICANT FOR AN FTA GRANT OR COOPERATIVE AGREEMENT, OR POTENTIAL CONTRACTOR FOR A MAJOR THIRD-PARTY CONTRACT),
JACOB BLOOM, 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.

JACOB BLOOM Government Bid Sales
Signature and Title of Authorized Official

REQUEST FOR QUOTATION
<30' Length Cutaway Bus

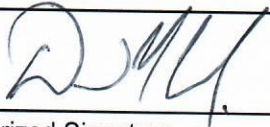
BID FORM #8

***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.

5/7/24

Date


Authorized Signature

Senior Vice President Sales

Title

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Company Name

SPECIFICATION COMPLIANCE

NOTE: Please check if what is offered is in exact compliance with specifications. **Any discrepancies required 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
<30' Length Cutaway Bus

BID FORM #8

***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.

5/24/2024

Date

JACOB BLOOM

Authorized Signature

Government Bid Sales

Title

FOREST RIVER BUS, LLC

Company Name

SPECIFICATION COMPLIANCE

NOTE: Please check if what is offered is in exact compliance with specifications. **Any discrepancies required 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.**

_____ 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
<30' Length Cutaway Bus

BID FORM #9

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) Rohrer Enterprises, Inc. DBA Rohrer Bus Sales, 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.

5/29/24

Date


Authorized Signature

Senior Vice President Sales

Title

REQUEST FOR QUOTATION
<30' Length Cutaway Bus

BID FORM #9

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.

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The (Vendor, Contractor) FOREST RIVER BUS, LLC, 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.

5/24/2024

Date

JACOB BLOOM

Authorized Signature

Government Bid Sales

Title

REQUEST FOR QUOTATION
<30' Length Cutaway Bus

BID FORM #10

REQUIRED BID DOCUMENTATION CHECKLIST

Model Year: 2025 Model: Eldorado Advantage
FORD E450 chassis

Bid Forms

- ☒ 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

<30' Length Cutaway Bus

Documentation – to be submitted with bid:

Referenced

- X 3.2 Engine: gasoline minimum 6.6L, maximum 7.3L V-8: provide product description, Warranty information and product literature.
- X 3.2.8 High Idle System: provide product description, warranty information and product literature.
- X 3.4 Transmission (separate cooling system): provide product description, warranty information and product literature.
- X 3.5.4 Back Up Camera System: provide product description, warranty information and product literature.
- X 3.10 Tires: provide product description, warranty information and product literature.
- X 3.15.5 Alternator: provide product description, warranty information and product literature.
- X 3.1.11 Water Testing: provide details of water testing procedures.
- X 3.14 f. Exterior Vinyl Colors: provide samples/chart of available colors.
- X 3.15 Undercoating and Rustproofing: provide product description, warranty information and literature.
- X 3.16.2 Ambulatory Passenger Entrance/Exit: provide location, size, door operating details.
- X 3.16.8 Stepwell Heater: provide product description, warranty information and product literature.
- X 3.22 Floor Covering: provide samples of floor covering and colors to be provided.
- X 3.27 Seating: provide product description, warranty information, product literature and color charts for all of the seating products to be utilized. **Proposed floor plans.**
- X 3.27.11 Driver's Seat: provide description of product.
- X 3.27.1 Exterior Mirrors: provide product description, warranty information and product literature.
- X 3.19 Dual Purpose Safety Vent: provide product description, warranty information and product literature.
- X 3.30 Wheelchair Securement System: provide product description, warranty information and product literature.
- X 3.37 Strap/Buckle Storage: provide description and location of product.

REQUEST FOR QUOTATION

<30' Length Cutaway Bus

-
- X 3.31 Wheelchair Occupant Restraint System: provide product description, warranty information and product literature.
 - X 3.32 Wheelchair Lift: provide Make, Model #, product description, warranty information and product literature.
 - X 3.34 AM/FM Radio/CD: provide product description, warranty information and product literature.
 - X 3.39 Training: submit letter of understanding to the terms in this Section.
 - X 3.38.4 Fare box Provisions: provide description of proposed location.
 - X 3.38.1 Destination Signs: provide product description, warranty information and product literature.
 - X 3.38.5 PA System: provide product description and product literature.
 - X 3.21.15 Strobe Light: provide product description and product literature.
 - X 3.28.11 Security Cameras Only: provide product description, warranty information and product literature.
 - X 4.10 Security Camera System Including Playback: provide product description, warranty information and product literature.
 - X 4.15 Warranty on complete vehicle.
 - X 4.16 Warranty on Basic Vehicle Structure.
 - X 4.17.1 Warranty: warranties to be provided on subsystems and components.
 - X 6.1.2 Complete two (2) bids in binder form – one (1) marked for DPT.
 - 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 21 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.

REQUEST FOR QUOTATION
<30' Length Cutaway Bus

✓ 10.2 I. A list of five (5) users names, addresses, emails, and telephone numbers who have been provided similar equipment by the Vendor.

✓ No Debt Affidavit

✓ Addendum Acknowledgement

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) David M Clawson, Senior Vice President Sales

(Address) 1515 State Road PO Box 100 Duncannon PA 17020

(Phone Number) / (Fax Number) 800-735-3900/540-729-3751

(email address) dclawson@rohrerbus.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.

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

(Company)

(Signature of Authorized Representative)

David M Clawson, Senior Vice President Sales

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

800-735-3900/540-729-3751

(Phone Number) (Fax Number)

dclawson@rohrerbus.com

(Email Address)

E-SERIES CUTAWAY E-450 DRW

VIEW LOGO, VIEW PAGES



Key Features



7.3L V8 Premium-Rated Engine

This proven engine, available with a premium or economy rating, features single overhead-cam design and dual-equal variable-cam timing that helps optimize power across the entire power band. The standard 7.3L V8 Premium-rated engine with TorqShift® six-speed automatic



Ford TorqShift® Automatic Transmission

The Ford TorqShift® six-speed automatic transmission is designed and built by Ford to handle the high-performance demands of the standard, Premium-rated 7.3L V8 (325 horsepower and 450 lb.ft. of torque at 3,750 rpm)* and the available 7.3L V8 Economy-rated



16-inch x 6-inch White-Painted Steel Wheels

These white-painted steel wheels are standard on dual-rear-wheel models.

See attached sheet for 2023 Specifications. Per Ford we are to use these specs and an estimated price increase for 2024

E-SERIES CUTAWAY E-450 DRW

VIEW LOCAL INVENTORY



Wheel bases used for this bid include both 158" and 176" depending on floorplan

Engine 7.3L gas premium engine is utilized. Warranty documentation included in Ford overview

Radiator and cooling system components follows. No literature available



Ford E450 Super Duty Radiator



Ford E450 Super Duty Belt



Ford E450 Super Duty Water Pump



Ford E450 Super Duty Hose (Upper)



Ford E450 Super Duty Coolant
Overflow Tank



Ford E450 Super Duty Fan Clutch

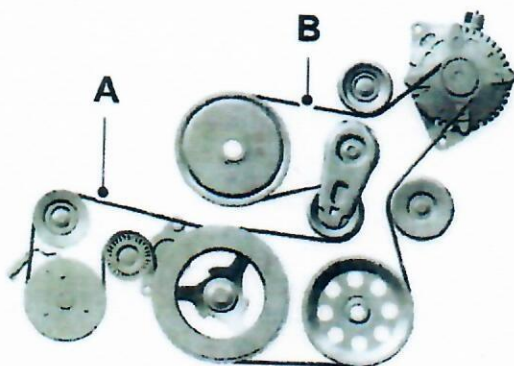
Capacities and Specifications

ENGINE SPECIFICATIONS

Engine	7.3L V8 Engine
Displacement.	445 in ³ (7,293 cm ³)
Required fuel.	Minimum 87 octane
Firing order.	1-5-4-8-6-3-7-2
Ignition system.	Coil near spark plug with spark plug wire
Spark plug gap.	0.049 in (1.25 mm) - 0.053 in (1.35 mm)
Compression ratio.	10.5:1

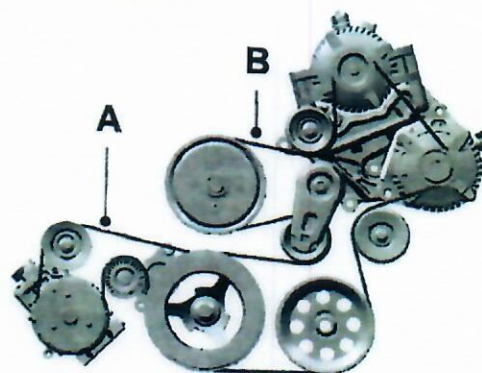
Drivebelt Routing

Single Alternator



- A Drivebelt closest to the engine.
- B Drivebelt furthest from the engine.

Dual Alternator



- A Drivebelt closest to the engine.
- B Drivebelt furthest from the engine.

MOTORCRAFT PARTS

Component	Motorcraft Part number
Air filter element.	FA-2042
One battery.	BXT-65-750
Two batteries (optional).	BXT-65-750

Capacities and Specifications

Component	Motorcraft Part number
Engine oil filter. ¹	FL-820-S
Spark plug.	SP-589
Transmission fluid filter.	FT-187
Windshield wiper blade.	WW-2005

¹If a Motorcraft oil filter is not available, use an oil filter that meets industry performance specification SAE/USCAR-36.

We recommend Motorcraft parts that are available at your authorized dealer or at www.fordparts.com. These parts are engineered for your vehicle, and meet or exceed our specifications. Use of other parts could impact vehicle performance, emissions and durability. Your warranty could be void for any damage related to use of other parts.

Gateway**INTERMOTIVE**
VEHICLE
CONTROLS

An ISO 9001:2015 Registered Company

Gateway

High Idle and Shift Interlock System

Overview

- All-in-one wheelchair interlock and high idle system to ensure full functionality of the vehicle's systems while using the lift
- Provides battery charge protection and improves air conditioning performance
- System is fully compliant with FMVSS 403/404 and the Americans with Disabilities Act (ADA) for wheelchair lift interlocks
- Simple plug and play connections to the OEM chassis

Features

- Prevents vehicle movement while the lift is in use by locking the shifter in Park
- Monitors OEM sensor inputs from the transmission, engine, charging system and ambient air temperature
- Programmable RPM for high idle
- Prevents driving with the park brake set
- Can provide real-time chassis data
- Diagnostic trouble codes available
- Optional BrakeMax add-on: automatically places vehicle in "tow haul" mode for reduced brake wear
- Uses Intermittent Fault Filter™ (IFF) technology to eliminate erroneous lift door signals

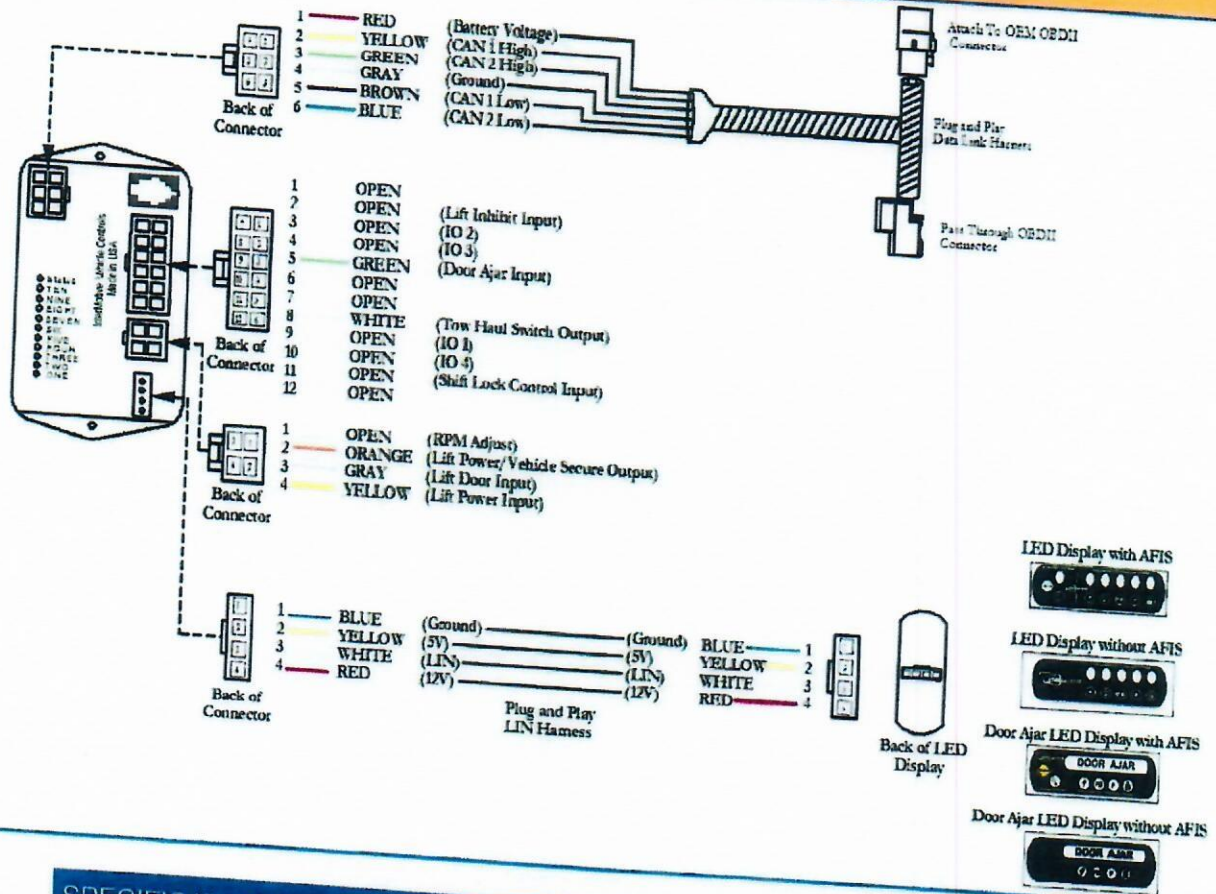


Proudly distributed by

LGS GROUP
AUTOMOTIVE TECHNOLOGIES**(775) 831-2002***Product features may vary by make,
model or year. See instructions
for complete details.*

Details

EXAMPLE SCHEMATIC



SPECIFICATIONS

Number of Inputs	Five inputs (lift inhibit, door ajar, shift lock, lift door and RPM adjust)
Number of Outputs	Four configurable outputs, plus one lift power/vehicle secure output and one tow haul switch output
Current Draw	~120 mA
Quiescent Draw	~2 mA (sleep current)
CAN Speed	High and medium speed
Temperature Range	-40°C to 80°C
Dimensions	4" L x 2" W x 1" H

Ford Torqshift Automatic Transmission- Six speed covered by a 5 year 60000 mile extended warranty that exceeds base new vehicle limited warranty



The Ford TorqShift® six-speed automatic transmission is designed and built by Ford to handle the high-performance demands of the standard, Premium-rated 7.3L V8 (325 horsepower and 450 lb.ft. of torque at 3,750 rpm)* and the available 7.3L V8 Economy-rated engine calibration (350 horsepower at 3,750 rpm and 425 lb.-ft. of torque at 3,250 rpm). * Available with either the standard Premium or optional Economy-rated 7.3L engine.

STARCRAFT BUS
a division of Forest River, Inc.

Glaval Bus
A Division Of Forest River, Inc.

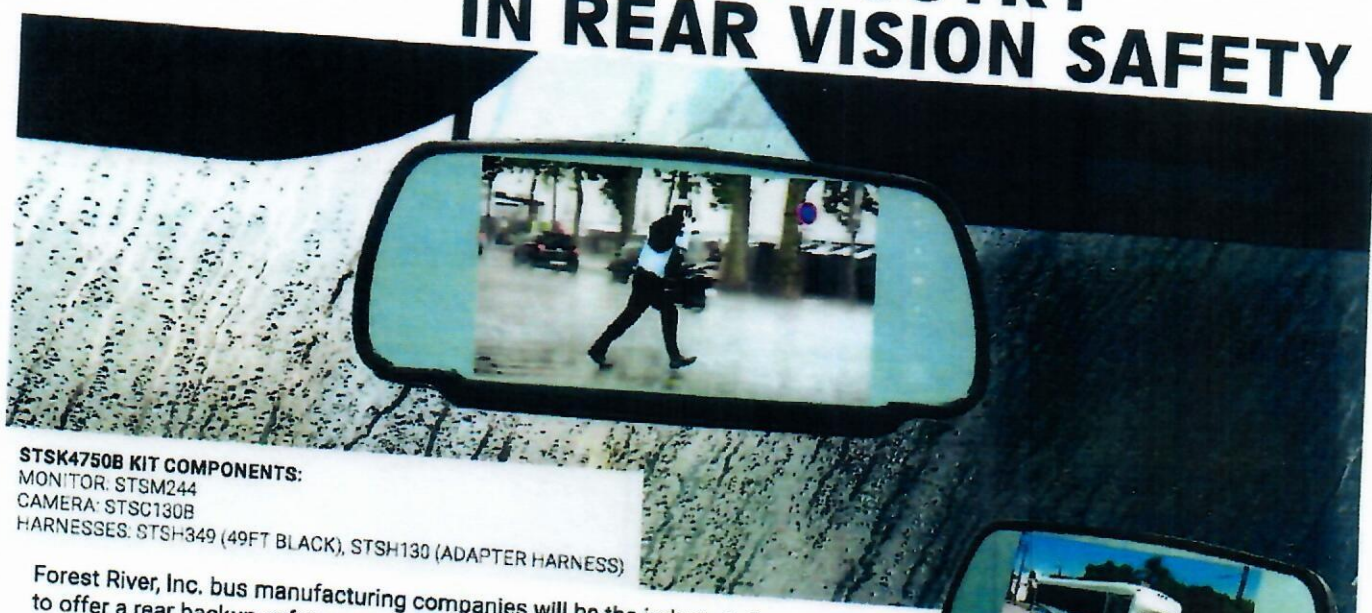
ec
Elkhart Coach

STARTRANS BUS
a division of Forest River, Inc.

STSK4750B

ROSCO

LEADING THE INDUSTRY IN REAR VISION SAFETY



STSK4750B KIT COMPONENTS:

MONITOR: STSM244

CAMERA: STSC130B

HARNESSES: STSH349 (49FT BLACK), STSH130 (ADAPTER HARNESS)

Forest River, Inc. bus manufacturing companies will be the industry's first to offer a rear backup safety camera as standard equipment on every bus in 2019... Setting the safety tone and trend in the commercial and school bus market.

Forest River's hard stance on safety with the new 2019 rear backup safety program has selected Rosco Vision Systems in NY as the manufacturers of the STSK4750B backup camera system.

STSM244 MONITOR SPECS

SCREEN SIZE	7"
RESOLUTION	800*480 pixels
MONITOR BRIGHTNESS	700cd/m2
NUMBER OF CAMERA INPUTS	1
INPUT FORMAT	13-p/n
VIEWING ANGLES	L/75°, R/75°, UP/60° DOWN/60°
SHOCK RATING	2G
VIBRATION RATING	6G
POWER SUPPLY	12 ~ 32 VDC
OPERATING TEMPERATURE RANGE	4°F to 158°F 20°C to 70°C

STSC130B CAMERA SPECS

TV LINES	420 TVL
FIELD OF VIEW (DIAGONAL)	150°
MINIMUM ILLUMINATION	0.2 LUX
DUST/WATER RATING	IP69K
POWER SUPPLY	12 Vdc
OPERATING TEMPERATURE	-22°F to 140°F -30°C TO 65°C



ROSCOVISION.COM | ROSCOMIRRORS.COM
INFO@ROSCOVISION.COM

1-800-227-2095

90-21 144TH PLACE
JAMAICA NEW YORK 11435

Tires – LT225/75R16E covered under separate limited defect warranty. Any replacement if warranted may be subject to mileage already used. No guarantee of tire manufacture. Subject to change over life of contract



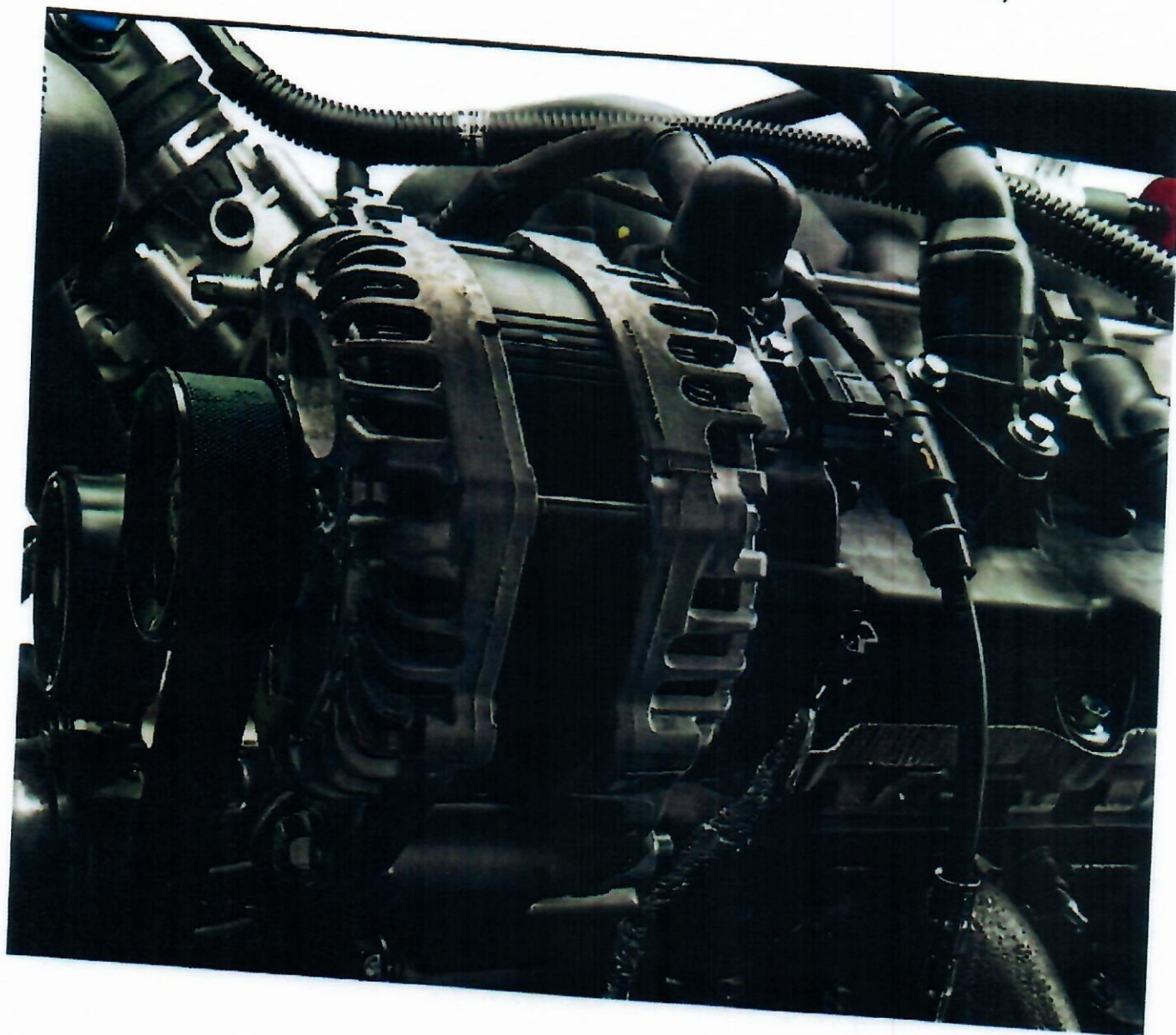
Wheels covered under 3 year 36000 mile warranty



16-inch x 6-inch White-Painted Steel Wheels

These white-painted steel wheels are standard on dual-rear-wheel models.

Optional 240 amp alternator by Ford – Covered under 3 yr /36000 mile warranty



ELDORADO

A DIVISION OF FOREST RIVER, INC.

FACILITY

- Water test bay: 20' wide x 56' long x 18' high with attached pump room measuring 15' wide x 20' long x 9' high.
- Water jets:
- 5 Lengths of 1½" schedule 80 pipe at 45' long running lengthwise inside the building.
 - 15 Active nozzles per pipe length for a total of 75 nozzles (Model 24 WSQ Nozzles with 110' spray pattern).
 - Water supplied by 3" schedule 80 pipe with 3" schedule 80 pipe headers on each end of system.
 - System supply pump rated at 300 gpm
- Water Pressure:
- System water pressure adjustable up to 45 psi
 - Example: - 20 psi = 3.3 gpm/nozzle
 - 40 psi = 4.4 gpm/nozzle
 - System recovery pump rated at 300 gpm

PROCEDURE

1. DRIVE VEHICLE INTO BAY.
2. ACTIVATE WATER SPRAY. (SYSTEM GOES ON, AUTOMATICALLY)
- *3. LET VEHICLE SET FOR A MINIMUM OF 15 MINUTES PER UNIT. (MORE TIME MAY BE NECESSARY, IF VEHICLE IS SLATED FOR HARSH ENVIRONMENTS. ENGINEERING SHOULD REVIEW AND APPROVE ALL REQUESTS FOR CHANGES TO THIS SYSTEM AND PROCEDURE. USE THE "ECR" SYSTEM FOR REQUESTED CHANGES.)

*NOTE: Currently, our system pressure, at the main pump is set at 10 psi. this is approximately equivalent to a rainfall of 18" per a 1 hour period.

4. EXAMINE ALL WINDOWS, DOORS, WHEELWELLS, ESCAPE HATCHES, VENTS, WALLS, CEILING, FLOOR, AND ANY OTHER JOINT FOR WATER LEAKS.
5. RECORD RESULTS ON "WATER TEST LOG".
6. TURN OFF WATER SPRAY. (SYSTEM SHUTS OFF AUTOMATICALLY.)
7. EXIT BOOTH AND RETURN VEHICLE TO REPAIR BAY AND REPAIR ALL LEAKS.
8. IF ANY LEAKS WERE FOUND, RETEST VEHICLE (STEPS 1-5).
9. PROVIDE COMPLETED "WATER TEST LOG" TO QA PERSON, GROUP 50 (NORTH BLDG) OR GROUP 70 (SOUTH BLDG.) FOR REVIEW AND FILING WITH VEHICLE'S MASTER FILE.
10. QA PRODUCTION PERSONNEL SHOULD ALERT ALL GROUPS, OF CONSISTENTLY FOUND, NON-CONFORMING ASSEMBLY CONCERNS.

ROHRER

School & Commercial Bus Sales

May 29, 2024

The following Item has been Deleted per Addendum:

3.14 f. Exterior Vinyl Colors: Provide samples/chart of available colors similar equipment.

2075 West Main Street, Waynesboro, VA 22980

direct 540 729-3751

rohrerbus.com



9/12/2013

MB #LB005 V1

Z GUARD 9902 STAR Film Properties

Performance testing reflects coating on unpolished Q panels with four day air-dried films at 3.0 - 4.0 mils dry.

Dry to touch at R.T., ASTM D1640	10 ± 2 minutes
Dry-to-Handle at R.T., ASTM D1640	20 ± 5 minutes
Pencil Hardness	6B
Flexibility 180° bend over conical mandral	Pass
Salt Spray, ASTM B117, 1000 hours	Field, scribe, edge clean; slight blistering
Salt Fog Resistance (463PB-10-01), 240 hours.	Pass (No rust)
♦ 500 F x 16 hours plus 240 hrs salt fog	Pass (No rust)
♦ 325 F x 16 hours plus 16 hours humidity.	Pass (No rust, nor blisters)
Salt Fog Resistance (WSS-M2P178-A), 240 hours.	Pass (#8-9 corrosion rating or <0.1% surface rust per ASTM D 610-95)
♦ 662°F x 1 hour; 1°C water quench; plus 240 hrs salt fog.	Pass
Salt Water Immersion, 5% NaCl, 100° F, 96 Hours	Pass
Detergent Immersion, 100° F, 48 Hours	Pass
Gravelometer, ASTM D3170, -20° F	Good(8A)
Poultice, GM 998-5470, 20 cycles	Pass
Q.U.V., ASTM G53, 3000 Hours	Pass
Q.U.V., 100 Hours + Salt Spray, 336 Hours	Pass
Q.C.T., 3000 Hours	Pass
Humidity Resistance, ASTM D2247, 2000 Hours	Pass
Sag resistance	≥5 mils
Impact (direct & reverse) ASTM D3281	160/40 inch-lbs.
Adhesion (FLTM B1 6-1 B) cross Hatch	5A Pass
Scab corrosion resistance, 20 cycles	Pass

APPLICATION

For ultimate protection, apply films to clean metals at a thickness of at least four (4) mils dry, by any of the following methods:

Airless spray, with a 33:1 1.5 - 3.5 GPM, .013 - .026 tip at 50-75 psi line pressure, 20 - 40 fan

www.ztechprotection.com

Z TECHNOLOGIES CORPORATION

World Leaders in Corrosion Protection

26500 Lapidol Avenue, Redford, Michigan 48238-2537
Telephone (313) 937-0710 • Fax (313) 937-1470

UNDERCOATING & CORROSION RESISTANCE PROCEDURE

The corrosion resistance process used by ElDorado begins with an application of Zinc Phosphate to a nominal 1.5–2.0 mil thickness. Zinc Phosphate is sprayed on the door post, step well, and the flange forward of the step well at the floor. The entire sub-frame is thoroughly sprayed protecting vent hoses and the fuel fill from overspray.

The undercoating process begins with a complete, hand-rolled and brushed application to a dry film thickness of 8-10 mils of a nonflammable water-based 76M Waterborn over 100% of the floor decking material, including edge sealing, prior to installation. This ensures the most critical areas, where it interfaces with the steel floor structure, are completely sealed and impervious to moisture penetration. The process also coats side panels below floor level (if metal), and fender wells.

Any component within 12" of the exhaust, or any part of the exhaust or related heat shields, fuel tank, fuel filler and vent tube, drive shaft or shock absorbers shall be excluded from undercoating. All added underbody steel on floor structure, frame stretch, drive line loops, etc will be sprayed with Zinc Phosphate.

After the body is installed, a second undercoating application is done to the entire floor structure to provide additional corrosion protection for all exposed steel. Note: care is taken to avoid the exhaust system and all other heat sources to avoid any potential fire hazard.

This two stage undercoating process is exclusive to ElDorado and when combined with the application of zinc phosphate provides superior undercarriage corrosion protection.

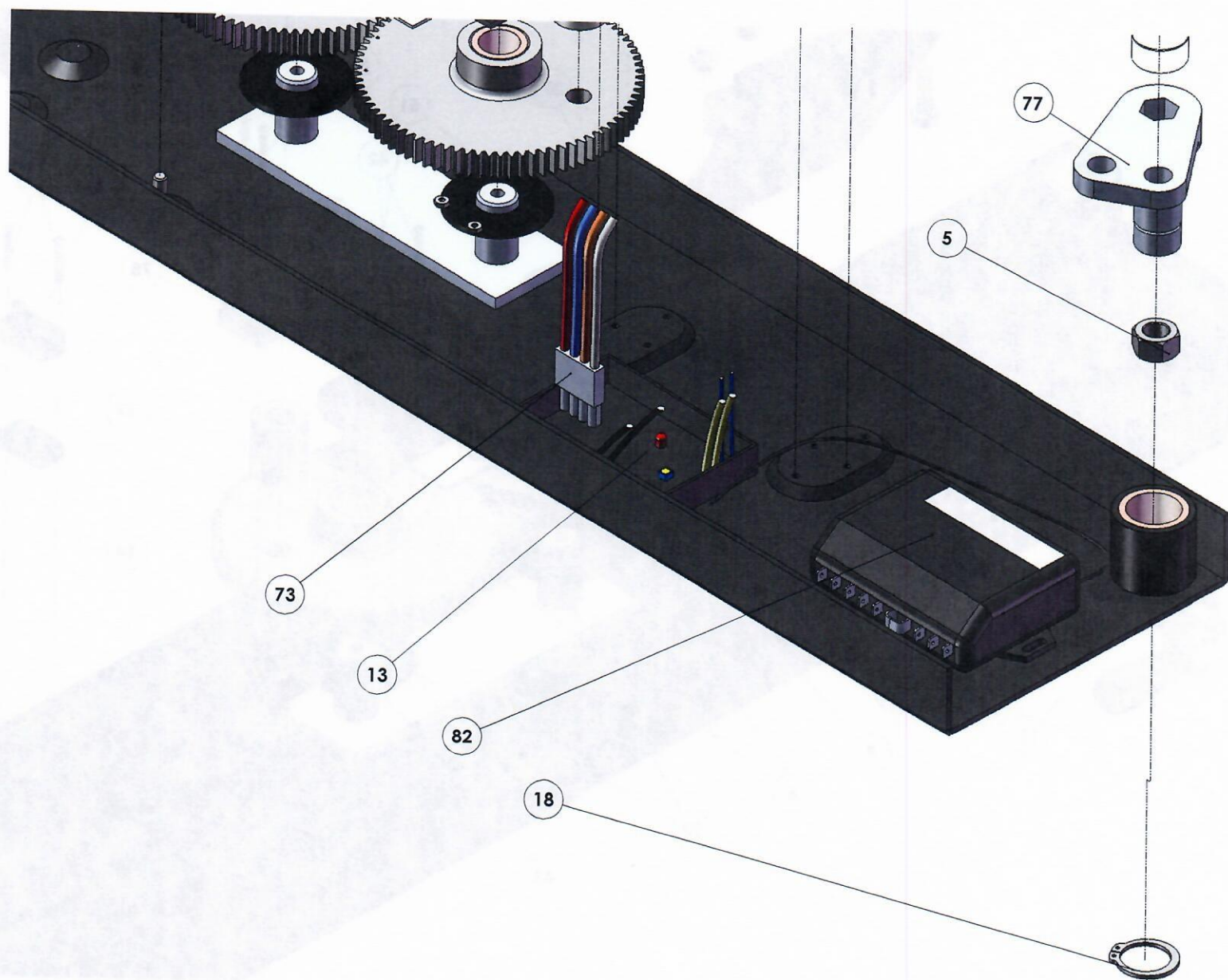


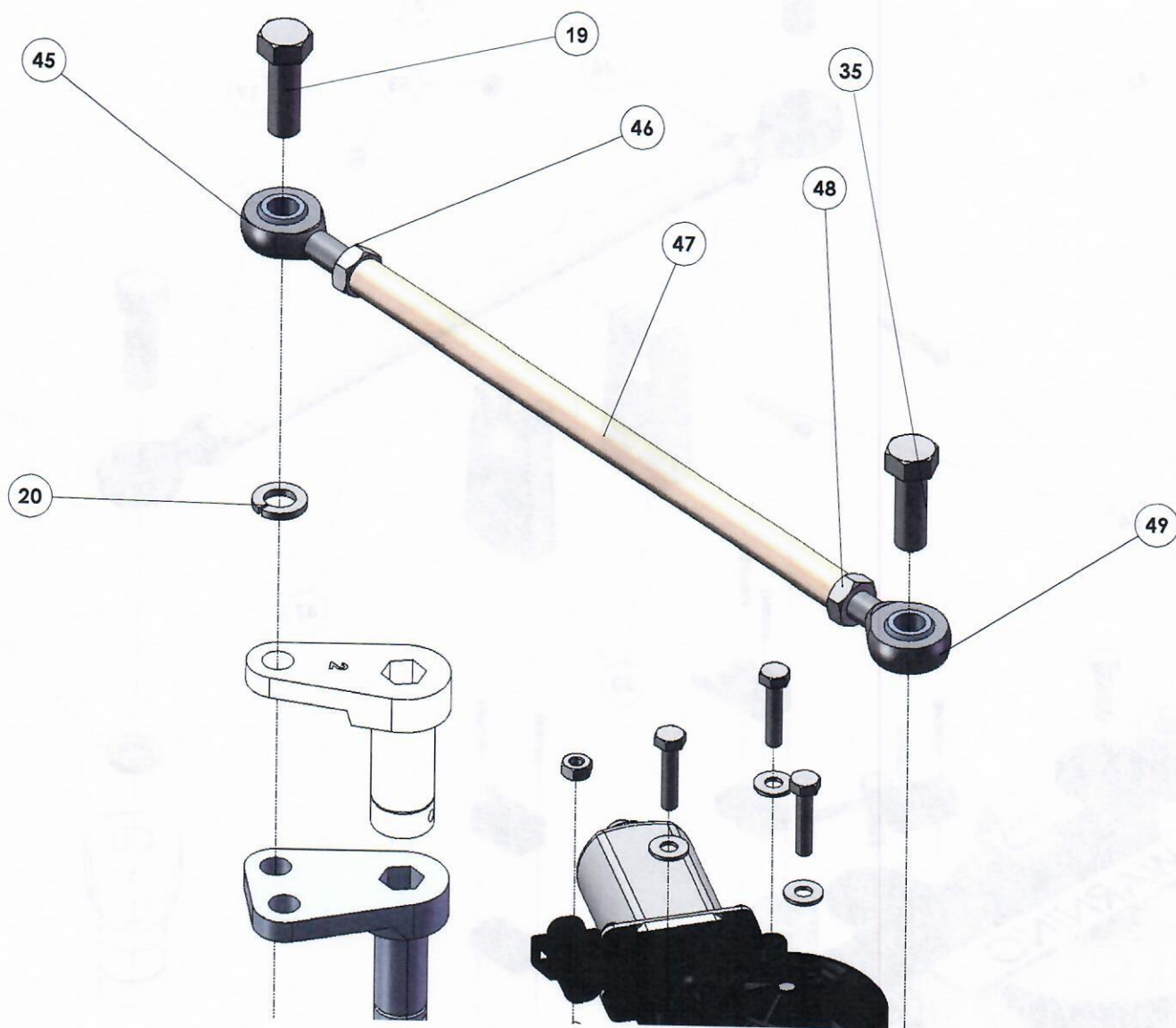
Entry Door & Step Assembly Frame –

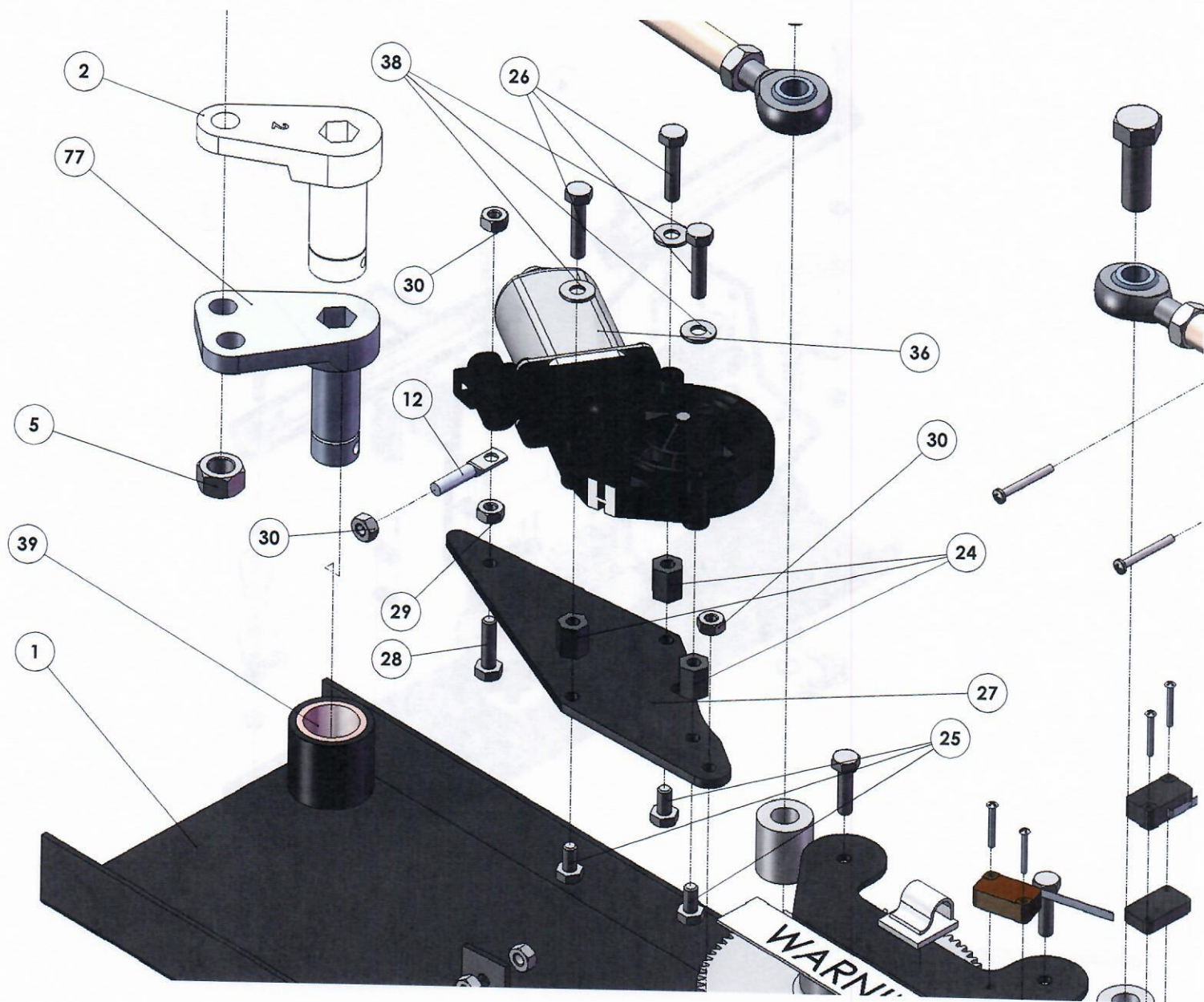
3.0.8.1 Steel Tubing – 1"x1" 16 gauge vertical and .75"x.75" 11 gauge horizontal steel tube is cut to length and welded together in a ladder type construction forming a rigid frame for attaching the entry door/step assembly.

Entry Door/Step Assembly –

3.0.9.1 11 Gauge Steel – The step riser/tread piece is manufactured from one-piece 11 gauge steel and uses 90° bends at all risers and treads. The bottom tread also adds an additional 90° bend for additional strength and safety. Upper and lower side pieces are then welded to the vertical tubing and step riser/tread.

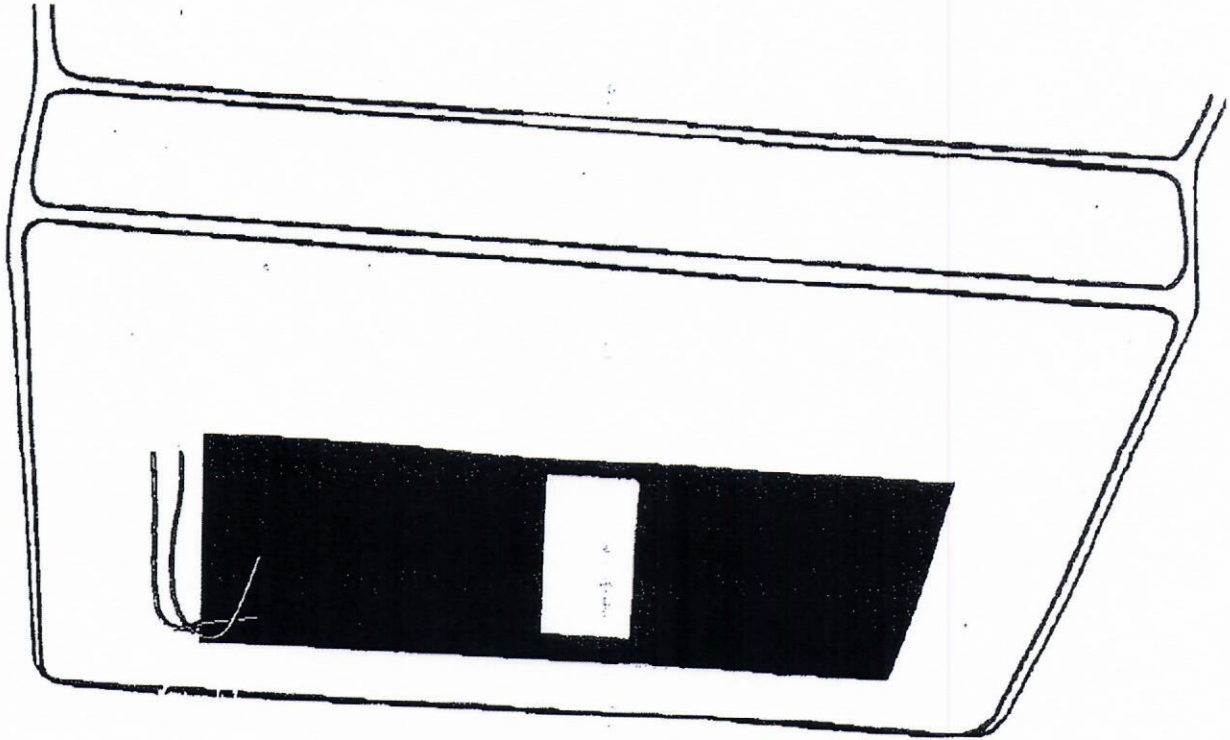






51	P100007	Bolt, 1/4-20x1/2 Serrated Head	2
53	P100203	Nut, Nyloc, 6-32	2
54	P100200	Screw, Phillips, Round, 6-32 x 1-1/4"	1
61	P100062	Set Screw, 1/4"-20	2
73	W3131	Pigtail (optional)	1
77	1714	Actuator Arm, 2 in 1	2
78	1560	Switch Spacer	As Req'd
79	K9038	Switch Tab Kit	
80	K9037	Switch Tab and Switch Kit	
81	K9039	3rd Switch Kit	
82A	K9065	Remote - 1 Key FOB (optional)	
	P100038	Bolt, Button Head, 1/2-20x 1-3/4", (XXXX.2 designation only)	1

Forest River uses a electric pad step heater, driver activated with thermostat shut off



Model TH-624

DESCRIPTION			
Backing			NT
Thickness	ISO 24 346	mm	2.25 ± 0.15
Weight	ISO 23 997	kg/m ²	2.20 ± 0.15
Roll width		cm	200 (-0 +1)
Roll length		lm	24
PERFORMANCE			
Dimensional stability	ISO 23 999 ASTM D 1204	%	≤ 0.2
Abrasion resistance	TABER ISO 9352	mg	300 ± 50
Slip resistance	DIN 51130		R10
Indentation test	ISO 24 343-1	mm	≤ 0.2
Low temperature resistance	D 42 1235 A	°C	- 20
Phonic insulation	ISO 717/2	dB	ΔI = 5
Colour fastness	ISO 105 B02 ISO 4582/80 ASTM D 4459		≥ 7
Fire resistance	ISO 3795/76	mm/mn	0
	FMVSS 302		Conform
	ASTM E648	W/cm ²	(CRF) > 0.50
	95/28/CE		Conform
	R118		Conform
Resistance to chemicals	ISO 26 987	-	Unaffected by diluted acids and bases Unaffected by domestic products (excluding solvents for plasticized PVC)

COLOURS



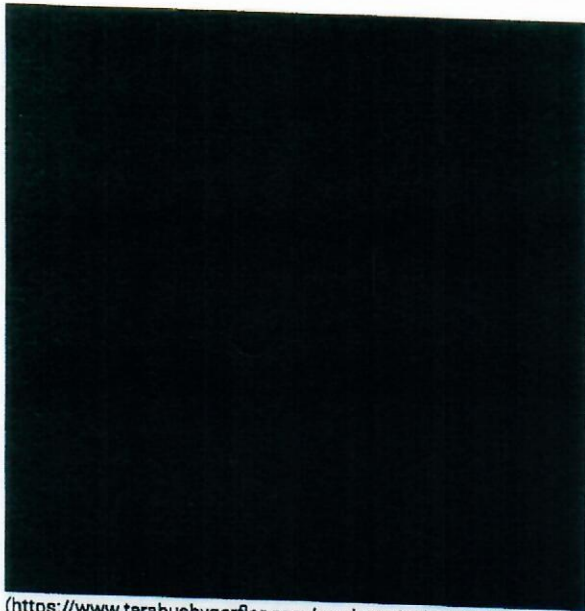
Description

High performance floor covering designed for high traffic.

- Glass fiber web : dimensional stability
- Textile backing : gluing capabilities
- Emboss : antisliding
- Compact Wear layer : durability, easy maintenance
- Silicon carbide particles : maximum durability and antisliding, aesthetic
- **Weight reduction** (<https://www.tarabusbyggerfor.com/media/25-tarabus/documents/tarabus-light-annonce.pdf>) for Sirius NT :
Fuel Savings / Lower CO₂ emissions

Select a colour

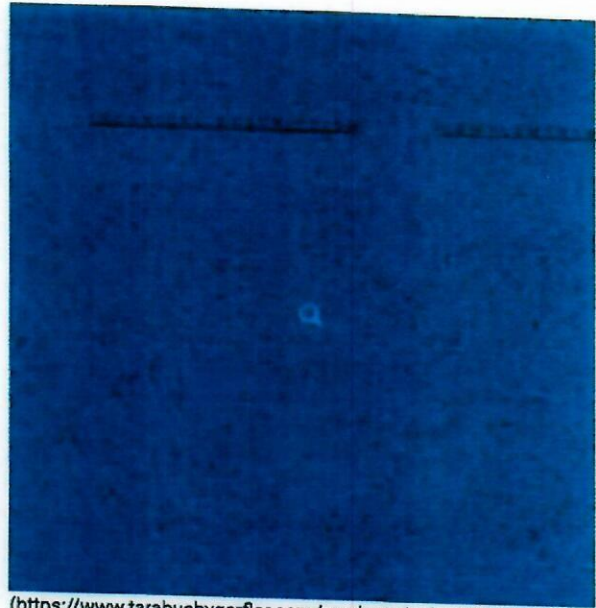
SIRIUS



NTS

(https://www.tarabusbygerflor.com/products/color/400127503.html?color_product_id=400148452)

6727 Anthracite NT/MK



RY PRODU

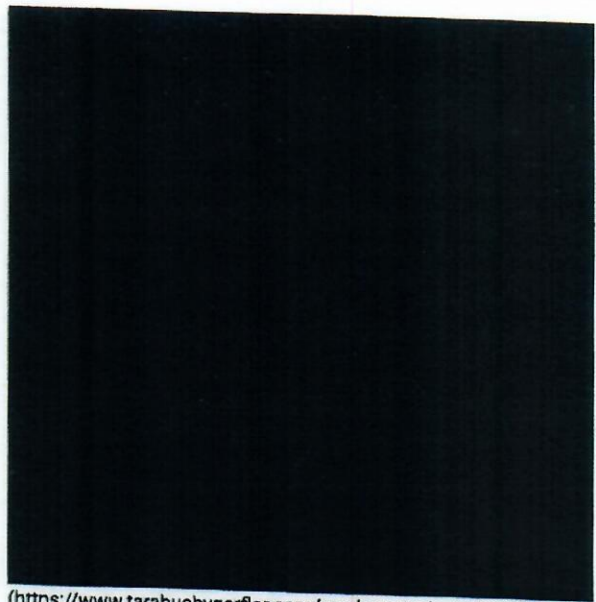
(https://www.tarabusbygerflor.com/products/color/400127535.html?color_product_id=400148449)

6451 Corsaire NT



(https://www.tarabusbygerflor.com/products/color/400127551.html?color_product_id=400148453)

6782 Dune NT/MK



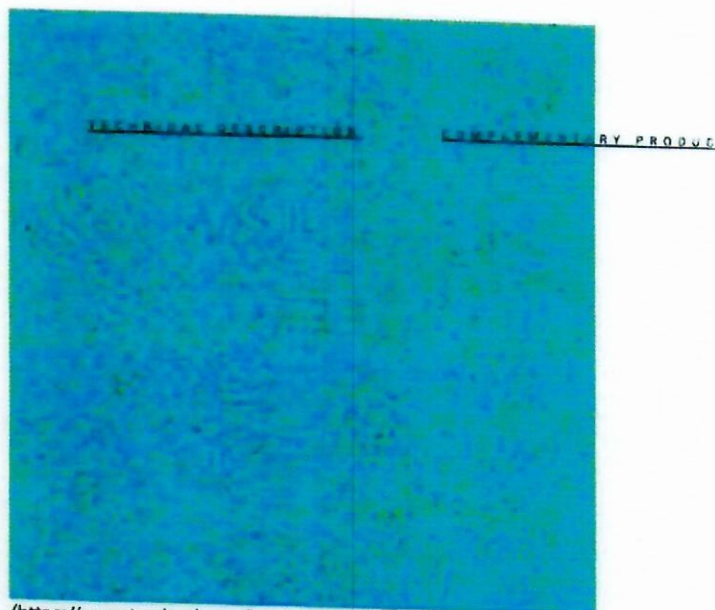
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6801 Graphite NT



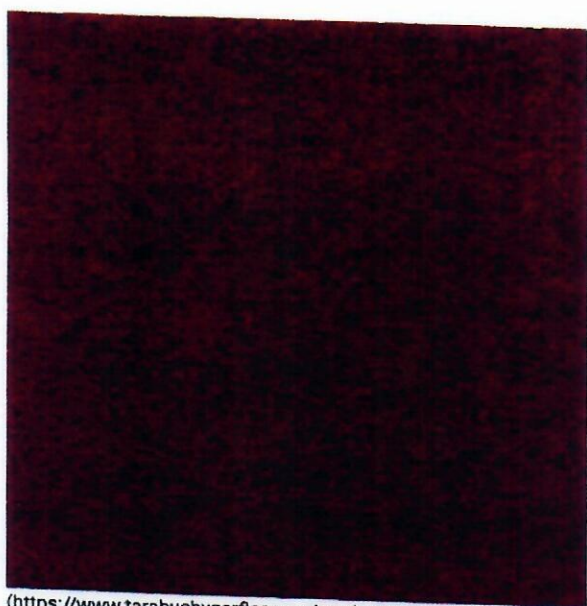
(https://www.tarabusbygerflor.com/products/color/400127656.html?color_product_id=400148454)

6768 Griffon NT/MK



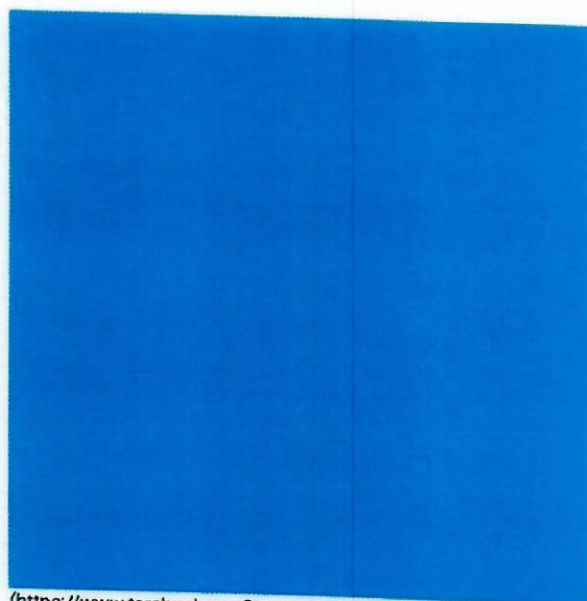
(https://www.tarabusbygerflor.com/products/color/400127709.html?color_product_id=400148450)

6434 Light Blue NT



(https://www.tarabusbygerflor.com/products/color/400127887.html?color_product_id=400148448)

6132 Rubis NT



(https://www.tarabusbygerflor.com/products/color/400127953.html?color_product_id=400148447)

4461 Seram NT

Documents

Cards & guides

Tarabus - card





DOCUMENTS

DOCUMENTS

TECHNICAL DESCRIPTION

COMPLEMENTARY PRODUCTS

Gerflor

(https://it2v7.interactiv-doc.fr/html/gerflor-tarabus-card_pdf_348)



Tarabus - cleaning guide

3.76 Mo



Gerflor

(<https://www.tarabusbygerflor.com/media/25-tarabus/documents/tarabus-cleaning-guide.pdf>)

Technical datasheet

Tarabus Sirius - Technical datasheet

184 Ko



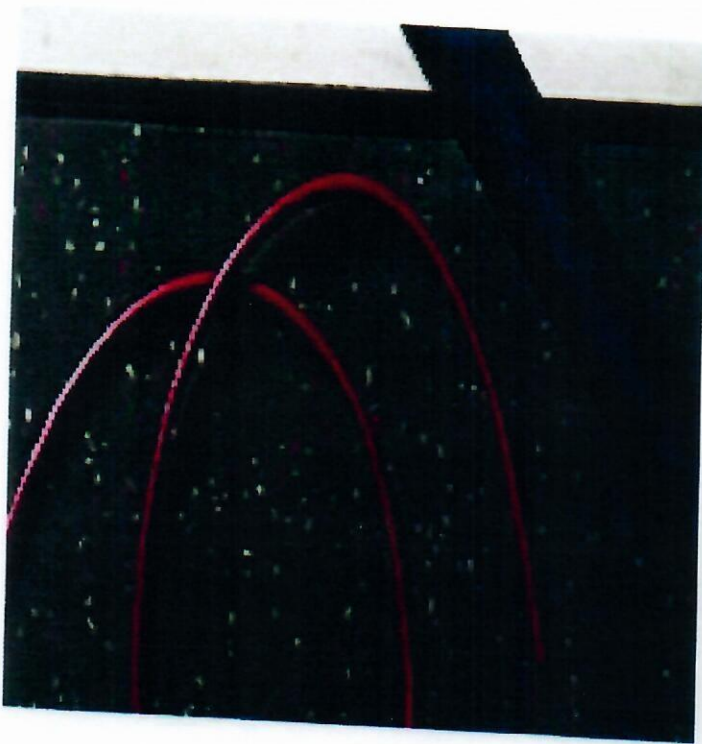
(<https://www.tarabusbygerflor.com/media/25-tarabus/fr/gerflor-tech-datasheet-tarabus-sirius.pdf>)

Product construction

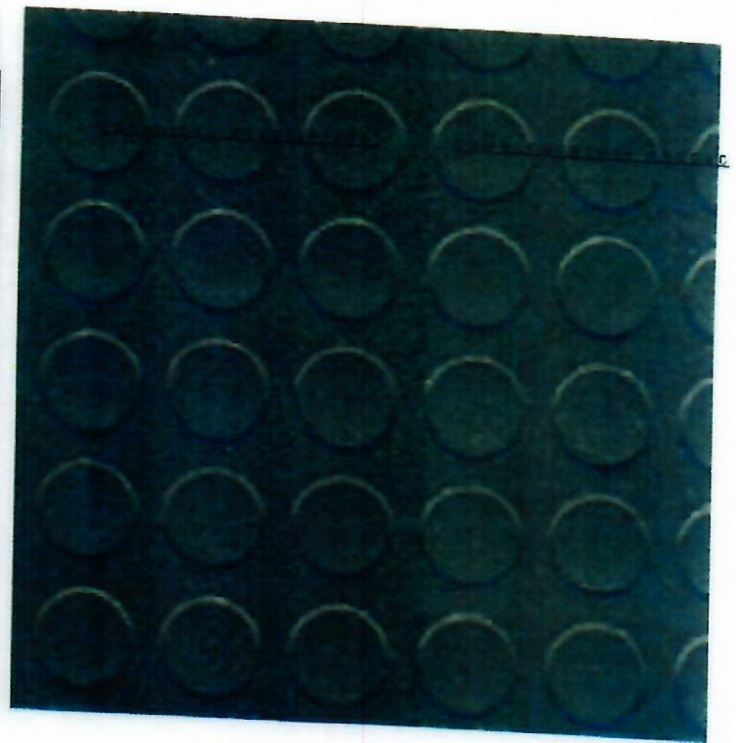
- 1 - Wear layer: Durability, easy maintenance
- 2 - Emboss: Antisliding
- 3 - Anti slip particles: Maximum durability, antisliding
- 4 - Glass fiber web: Dimensional stability
- 5 - Backing layer
- 6 - Textile backing: Gluing capabilities

Complementary products

In addition to the product Sirius, we also recommend you to take a look at the complementary products



Welding rods



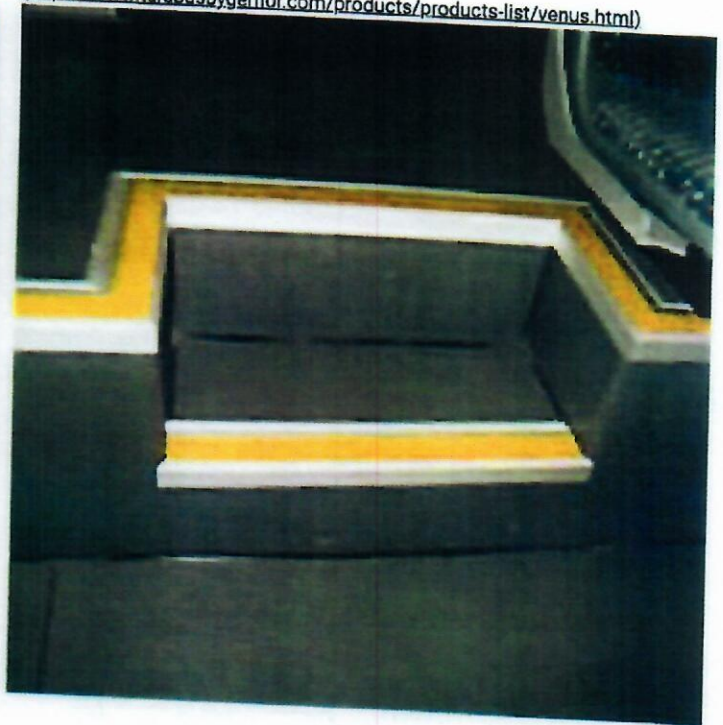
Venus

(<https://www.tarabusbygerflor.com/products/products-list/welding-rods.html>)



TARABUS Logo

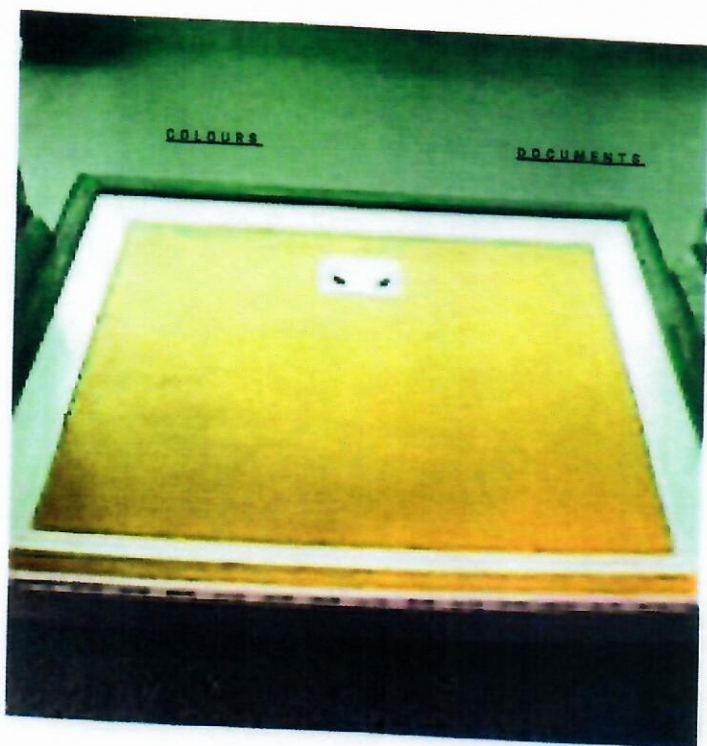
(<https://www.tarabusbygerflor.com/products/products-list/venus.html>)



Stepbus

(<https://www.tarabusbygerflor.com/products/products-list/tarabus-logo.html>)

(<https://www.tarabusbygerflor.com/products/products-list/stepbus.html>)



Safebus

TECHNICAL DESCRIPTION

COMPLEMENTARY PRODUCT

(<https://www.tarabusbygerflor.com/products/products-list/safebus.html>)

Gerflor

the flooring group (<https://www.tarabusbygerflor.com/>)

Gerflor Group designs & manufactures innovative, decorative and sustainable flooring solutions for all types of applications. As the leader in floorcoverings for bus & coach, Gerflor has been providing the ground transportation industry with high quality flooring solutions and service for over 60 years. Our Tarabus floorings are specially engineered for passenger vehicles, they offer outstanding durability and slip resistance properties.

[ABOUT TARABUS\(/ABOUT/ABOUT-TARABUS.HTML\)](#)

[CONTACT US\(/CONTACT.HTML\)](#)

Follow us on LinkedIn (<https://fr.linkedin.com/showcase/gerflor-transport-flooring>)

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<https://www.tarabusbygerflor.com/legal-notice.html>

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(<https://www.tarabusbygerflor.com/cookies.html>)

Privacy policy

(<https://www.tarabusbygerflor.com/data-protection-page.html>)

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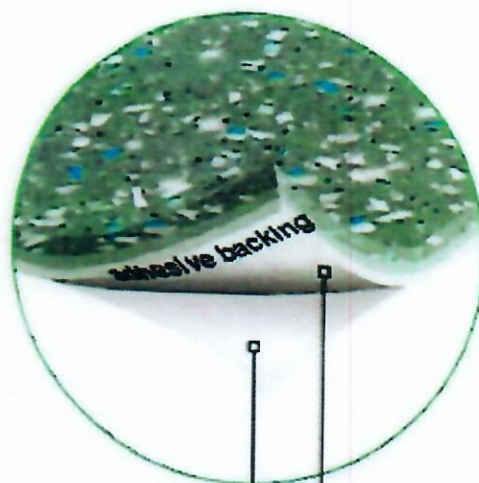
Gerflor

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TARABUS

Self-Adhesive

- Ready to bond • No curing time
- Safer work conditions • Easy to use
- Prêt à coller • Pas de temps de gainage
- Conditions de travail plus saines • Facile à utiliser
- Fertig zum Verkleben • Keine Trocknungszeit
- Sichere Arbeitsbedingungen • Einfach anzuwenden
- Listo para pegar • Sin tiempo de curado
- Más seguridad en el trabajo • Fácil de utilizar



Protective layer
Film protecteur
Schutzfolie
Papel de protección

Acrylic Adhesive layer
Film adhésif acrylique
Acryl Klebefolie
Adhesivo acrílico

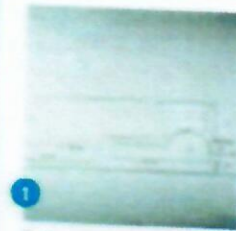
KIT System

- Ready to fit • Minimal wastage
- Precise dimensions • Easy to use

- Fast to install • Occurs minima
- Découper précis • Facile à utiliser

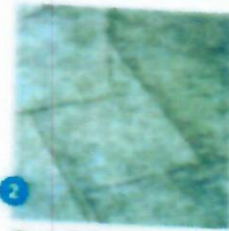
- Fertig zum Verlegen • Geringfügiger Verschleiß
- Genaue Abmessungen • Einfach anzuwenden

- Listo para instalar • Minimización del desperdicio
- Dimensiones exactas • Fácil de utilizar



1

Start at your cutting point
Commencer dans votre point de découpe
Schneiden Sie aus Ihre Zugschraube zu
Commencer au point de coupe



2

Be cut with high precision
Avec découpe avec précision
Wir schneiden präzise zu
Couper avec précision



3

Be weld carefully
Avec soudure avec soin
Wir schweißen sehr sorgfältig
Soudure avec muche

Back WELDING

for Tarabus NT

• Aesthetics

The welded seam is no longer visible

• Easy to clean

No trap for dirt

• Durability

The welded seam is no longer exposed to foot traffic

• Estética

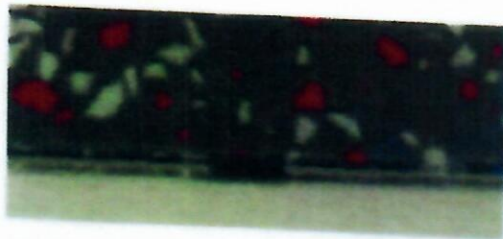
El cordón de soldadura ya no es visible

• Facilidad de limpieza

No quedan puntos de acumulación de suciedad

• Durabilidad

La soldadura ya no queda expuesta al tránsito



• Esthétique

Le cordon de soudure n'est plus visible

• Facilité d'entretien

Pas de points d'encrassement

• Durabilité

La soudure n'est plus soumise au trafic

• Ästhetik

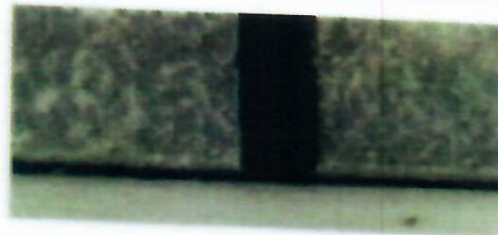
Die Schweißnaht ist nicht mehr sichtbar

• Erleichtert die Wartung

Keine Verschmutzung im Bereich der Schweißnaht

• Langlebigkeit

Die Schweißnaht wird nicht mehr direkt durch Abnutzung beeinflusst



FEATHER WEIGHT

**MID-HI SEAT
"ROCK SOLID"**



Sustainable Seating Solutions

Freedman Seating Company's Feather Weight seats are designed to be like feathers on a bird: light and airy to satisfy weight restrictions and ensure a smooth ride, yet durable for years of service and low maintenance.

Freedman Seating Feather Weight seats are the most severely tested in the company's history, and meet all applicable federal motor vehicle safety standards for strength and safety (including 210 for seat belts).

Less weight means one thing to bus builders and operators: they can get more passengers per bus.

And when we say more passengers, ***we mean more happy passengers.***



Not Just Seats



Seating Solutions™

THE FEATHER WEIGHT SERIES BY

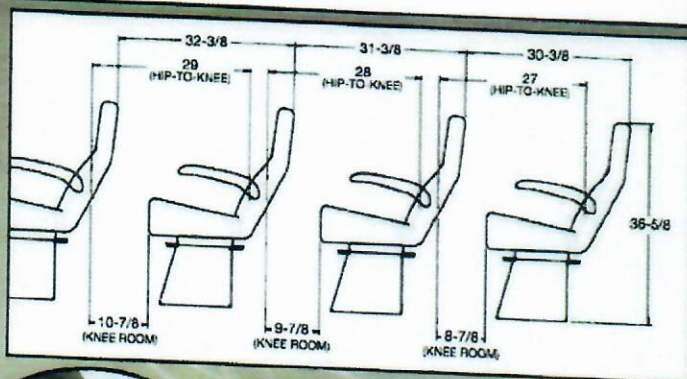
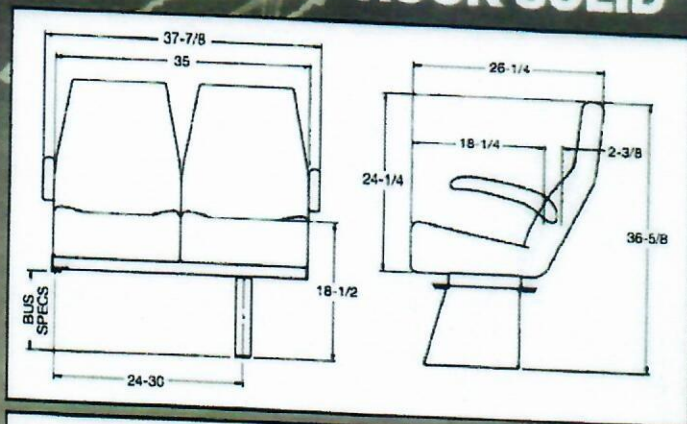
FREEDMAN

SEATING COMPANY

an ISO 9001:2000 certified company

FEATHER WEIGHT

MID-HI SEAT "ROCK SOLID"



OPTIONS



Not Just Seats

Seating Solutions™

FREEDMAN

SEATING COMPANY

an ISO 9001:2000 certified company

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

e-mail: sales@freedmanseat.com

WWW.FREEDMANSEATING.COM

Sustainable Seating Solutions

Whether your bus is for tour/charter, para-transit, or shuttle, Feather Weight Mid-Hi works for you. Optional adjustable headrests and reclining back-rests give you luxuries for long journeys, while grab rails and ABS plastic backs provide the function and safety required for shorter trips. The ultra-thin backrest gives outstanding support and creates more hip-to-knee room than any other seat in its class. The steel frame system meets or exceeds all applicable government standards for safety and durability. And, it's light as a feather!

Feather Weight Mid-Hi features include:

- An ultra-thin *Knee-Saver* type backrest for added hip-to-knee room and lumbar support
- Molded polyurethane seat and back cushions for comfort and long lasting support
- 17½" wide seat cushions
- 22½" back height off the seat cushion, 37" off the floor
- Wire mesh-grid seat springs for even support
- FMVSS 210 compliance—all *Feather Weight* seats are seat belt ready
- Transit style—rigid backrests (starting weight without options—43 lbs.)
- Touring style—reclining backrests (starting weight without options—47 lbs.)
- Covers that can be removed and replaced easily and without the use of special tools

Feather Weight Mid-Hi options include:

- Black molded U.S. Arms or upholstered flip-up armrests
- Adjustable headrests
- Black or yellow corner AV grab rails
- Black or yellow top AV grab rails
- ABS plastic backs
- Mesh map pockets
- Vertical stitching
- FTA foam
- Snack trays
- Aluminum folding footrests
- Pillow seat cushions
- Rear row quick disconnect
- Side sliders
- 16", 18" or 19" wide seats available
- Rigid or reclining backrests
- Seat belts
 - Non-retracting seat belts
 - Retracting seat belts
 - USR (Under Seat Retractors)
- S3 Bio-Cushions (Made with vegetable oil)
- A wide variety of cloths and vinyls
- S3 cloths (Made with recycled yarn)

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.

ISO 9001:2000 registered

FEATHER WEIGHT

FOLDAWAY BV & AM STYLES

Freedman Seating gives you the largest selection of Foldaways in the industry. Whether you need space for luggage or wheel chairs, we have the right seat. Easy to install and easier to operate, our Foldaways will provide you with miles and miles of happy riders and drivers. Maybe we should say, "smiles and smiles". Freedman Seating, "Not just seats — seating solutions."



Notch-Back, standard Bench-Back and High-Back are shown.

Not Just Seats



THE FEATHER WEIGHT SERIES BY

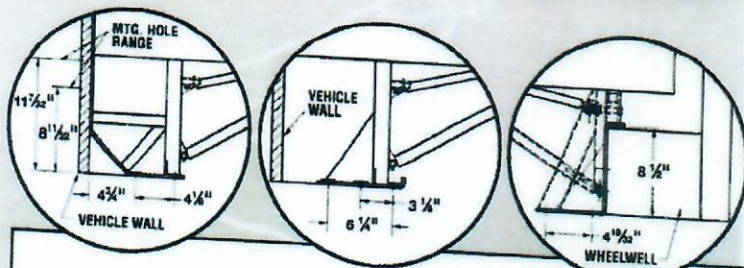
FREEDMAN

SEATING COMPANY
an ISO 9001:2000 certified company

Seating Solutions™

FEATHER WEIGHT

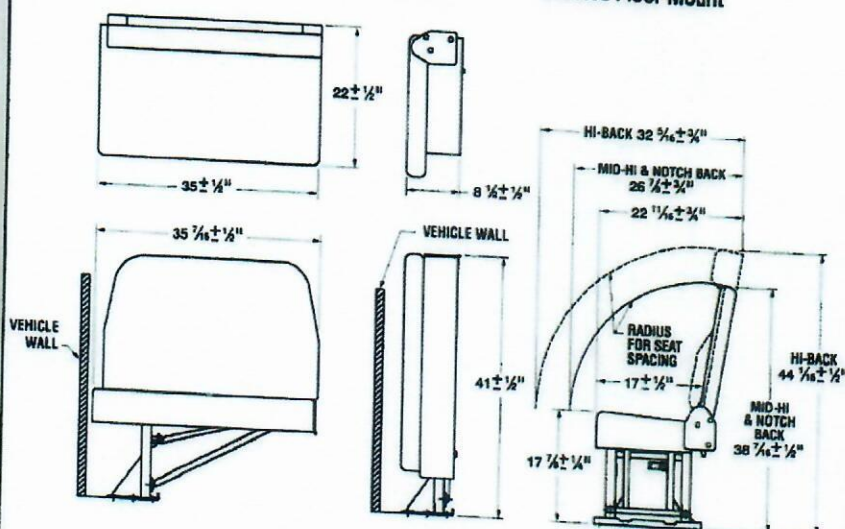
Foldaway BV & AM STYLES



AM2 Floor/Wall Mount

BV Floor Mount

BVWW3 Floor Mount

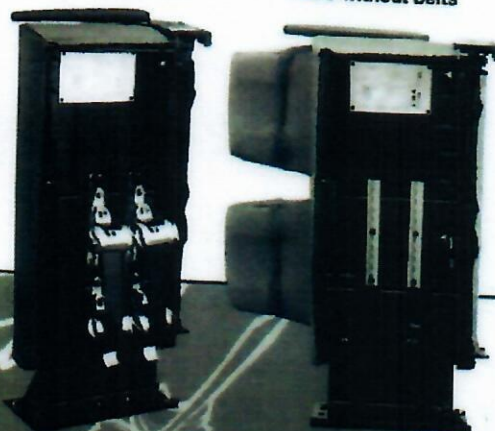


Corner Grabs



TDSS with belts

TDSS without belts



Standard Features:

- BV Foldaways mount to the vehicle with four bolts to the floor (no wall mount)
- AM Foldaways mount to the vehicle with four bolts to the floor and two to the wall mount
- Seat belt ready (FMVSS 210 compliant with no leg or tether)
- Ultra-thin backrest for added hip-to-knee room and lumbar support
- High quality molded polyurethane seat and back cushions

- Folds up to less than 10" thick when in the stowed position
- Cantilever design provides reduced installation time; no floor cutting for aisle leg and easy vehicle clean up
- Wire mesh grid seat springs for even support
- 2 locking mechanisms to hold seat in stowed position

Options:

- Single or double seats
- Bench back, notch back or high back
- Wheel well seats
- Wide variety of vinyl's or cloths
- Molded U.S. arms or upholstered arms
- Black or yellow top grabs (not on high backs)
- Black or yellow corner grabs (black side only on high back)
- Vertical stitching
- FTA foam
- ABS backs (Notchback only)
- Adjustable headrests (Single and Notchback only)
- Shrouds to cover the Foldaway when stowed
- USR seat belts (Under Seat Retractors)
- CRS-225 hooks and tethers
- TDSS (Tie Down Storage System)

Not Just Seats

THE FEATHER WEIGHT SERIES BY

FREEDMAN

SEATING COMPANY

an ISO 9001:2000 certified company

4545 W. Augusta Blvd., Chicago, IL 60651
(773) 524-2440 (800) 443-4540 Fax: (773) 252-7450
WWW.FREEDMANSEATING.COM
e-mail: sales@freedmanseat.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.

Seating Solutions™

FREEDMAN SEATING ICS

(Integrated Child Seat)

KIDS & SAFETY

**WHAT COULD
BE MORE
IMPORTANT?**

Also available
the ICS-10,
for children
up to 10 years old.



Not Just Seats



THE FEATHER WEIGHT SERIES BY

FREEDMAN
SEATING COMPANY

Seating Solutions™

FREEDMAN

SEATING ICS

(Integrated Child Seat)

Kids and safety, what could be more important? Nothing!

That's the underlying principle behind the Freedman ICS (Integrated Child Seat) and ICS-10.

The ICS is designed for children from 22-51 lbs. and the ICS-10 can accommodate children up to 10 years old, 22-78 lbs. Both ICS seats are comfortable for adults and safe for children. A tapered back provides unrestricted viewing for drivers, and best of all, the shoulder belts can be adjusted in seconds without taking the seat apart or clumsy operations.

Standard Features:

- Accommodates children 22-51 lbs. (22-78 lbs for the ICS-10)
- Matching companion seat available
- Fold down tongue can be folded to act as a booster seat
- Easily adjustable shoulder straps
- Standard with FMVSS 213 and 210 seat belt anchorage compliance
- Retrofittable; Fits on most Feather Weight frames!

Options:

- Available in a wide variety of vinyls and cloths
- Upholstered or US Arms
- Adjustable footrests
- Freedman USR (Under Seat Retractor)
- Available as a single or double
- Grab rails

Not Just Seats

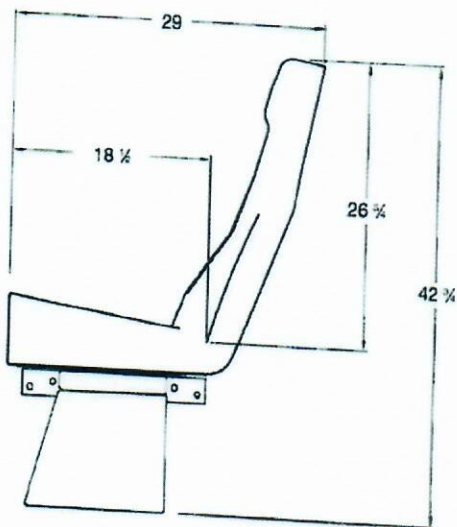
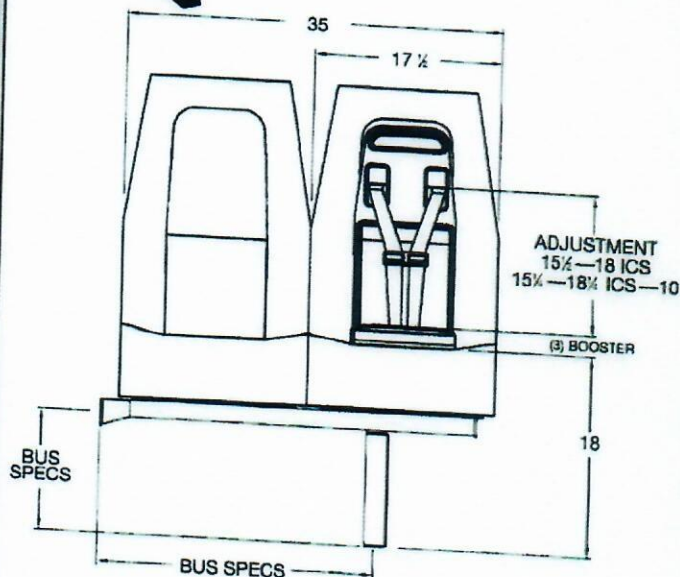
Seating Solutions™

THE FEATHER WEIGHT SERIES BY

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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 FMVSS standards.



Ford OEM cloth seat mounted on Freedman Adnik power seat base



Rosco offers high serviceability and up to 100 square inches of mirror surface for both transit and school bus applications.



REMOTE-READY REAR VIEW MIRROR SYSTEM

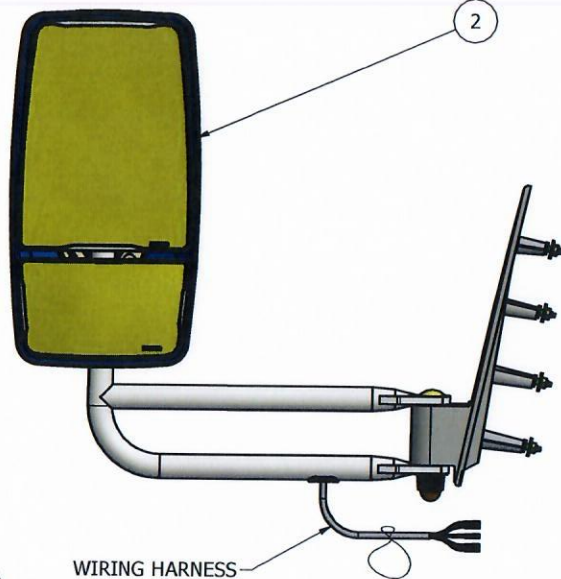
Equally effective on Transit or school bus applications, The American Eagle® offers high performance and serviceability wherever a dual lens, single housing, remote-ready mirror is desired.

A Better Single-Housing Mirror

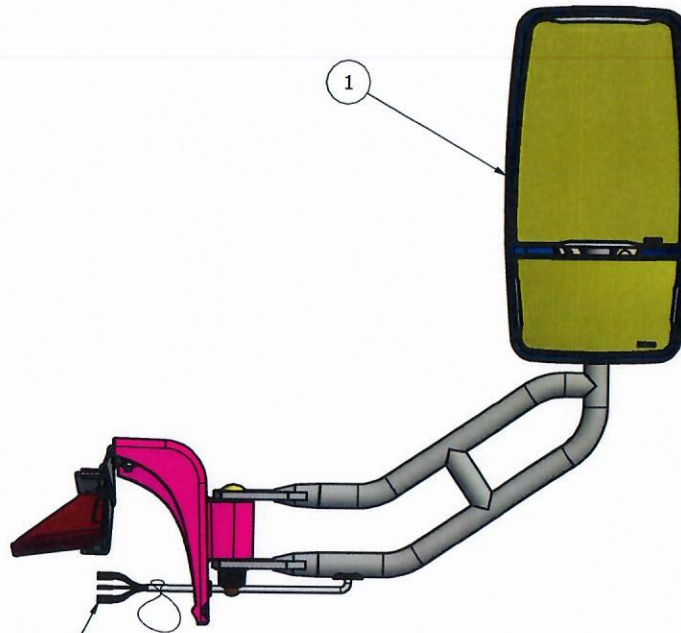
- Up to 100 sq. Inches Mirror Surface

E:\cadfiles\assembly\starcraft\SSM00300244.dwg

ECO	REV	DESCRIPTION	DATE	AUTHOR
5921	A	RELEASED TO PRODUCTION	6/5/2012	gennady.grabovsky
	B	70 in EXPOSED LENGTH was 53 in	2/25/2013	gennady.grabovsky
6746	C	160 in. EXPOSED LENGTH WAS 130 in.	3/13/2014	gennady.grabovsky



WIRING HARNESS
70in. EXPOSED LENGTH
CONNECTOR BAGGED



WIRING HARNESS
160in. EXPOSED LENGTH
CONNECTOR BAGGED

MOUNTING HARDWARW KIT &
INS1137 TO BE SHIPPED WITH
ARM ASSY IN SEPARATE BAG.
SEE SCR7095 FOR DETAILS.

PARTS LIST

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	ASM00300288	2008 FORD PASSENGER SIDE ACCUSTYLE MIRROR ASSY, FENDER MOUNT, EXT ARM, REMOTE, HEATED, BLACK ARM
2	1	ASM00300287	2008 FORD DRIVER SIDE ACCUSTYLE MIRROR ASSY, PATCH MOUNT, REMOTE, HEATED, BLACK ARM

DRAWN
gennady.grabovsky
CHECKED

6/5/2012

QA

MFG

ALL DIMENSIONS IN INCHES UNLESS OTHERWISE SPECIFIED			
ANGULAR TOLERANCES: $\pm 1.5^\circ$			
TOLERANCES .X ± 0.1			
TOLERANCES .XX #		TOLERANCES .XXX #	
0 - 5.99"	0.03	0 - 5.999"	0.005
6.00"-11.99"	0.05	6.000"-11.999"	0.015
12.00"-23.99"	0.06	12.000"-23.999"	0.020
24.00"-47.99"	0.08	24.000"-47.999"	0.025
48.00" & UP	0.12	48.000" & UP	0.030

ROSCO, INC

90-21 144TH PL.
JAMAICA NY 11435
(718)526-2601

TITLE

08 FORD KIT MIRROR ASSY, DRIVER AND
PASSENGER SIDES, DRW, BLACK EXTENDED
ARMS, REMOTE, HEATED, WIDE BODY.

SIZE

B

DWG NO

SSM00300244

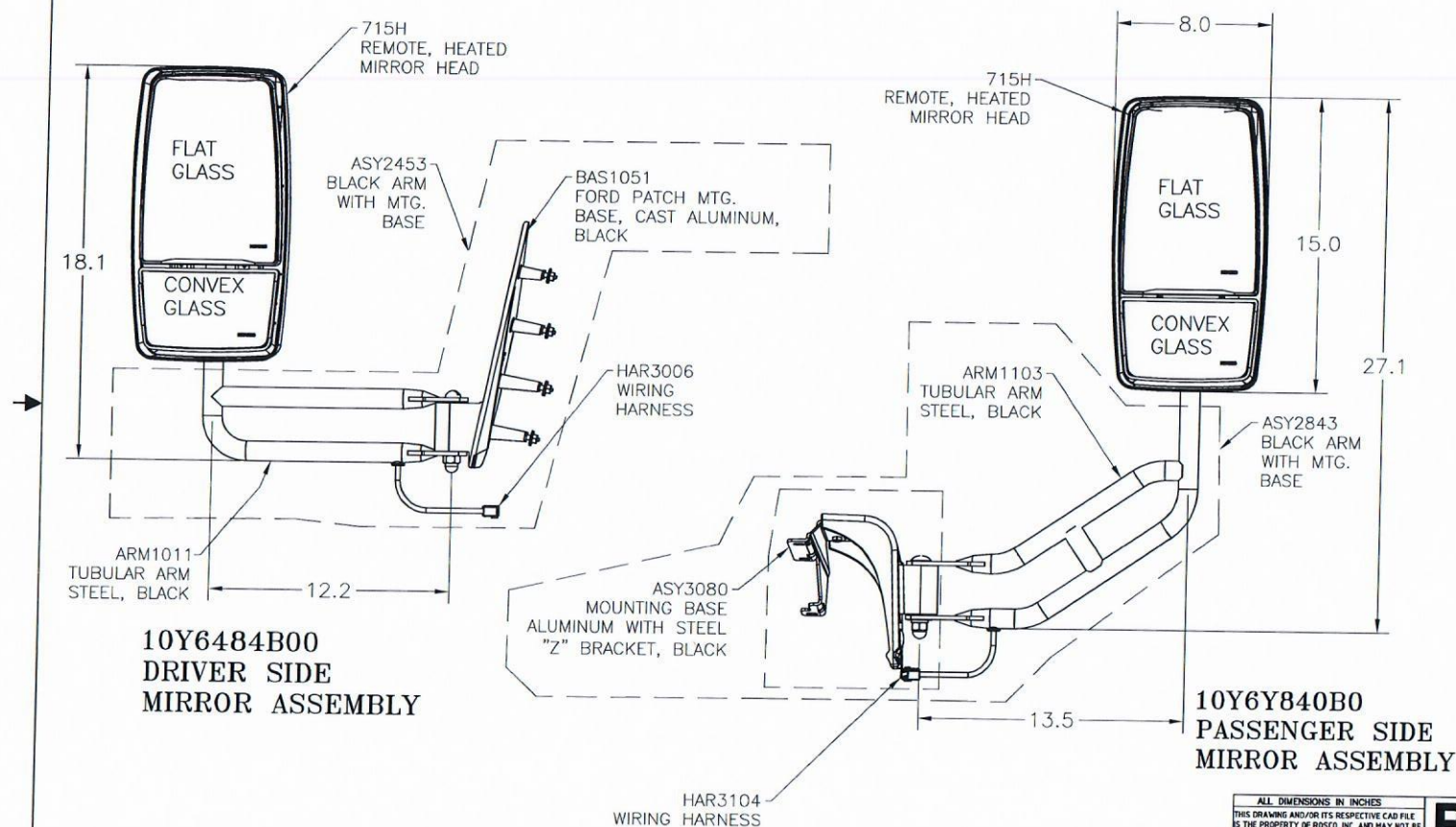
REV

C

SCALE

SHEET 1 OF 1

#	DESCRIPTION	DATE	APPROVED
2	DELETED HARDWARE KIT	1/23/2008	BF



DRAFT

ALL DIMENSIONS IN INCHES				ROSCO, INC		144-31 91st AVE. JAMAICA NY 11435 (718)528-2601
THIS DRAWING AND/OR ITS RESPECTIVE CAD FILE IS THE PROPERTY OF ROSCO, INC. AND MAY NOT BE TRACED, COPIED OR OTHERWISE USED IN ANY MANNER WITHOUT THE WRITTEN AUTHORIZATION OF ROSCO, INC.				2008 FORD FENDER MOUNT KIT MIRROR ASSY DRIVER & PASSENGER SIDES, DRW (BLACK ARM)		
DRAWN 12/12/2007				DWG NO 10Y6Z84BB0		
CHECK J. SERER				REV 2		
APPR. BEN ENGLANDER				SCALE NTS		
ANGULAR TOLERANCES: ±1°				SHEET 1		
TOLERANCES XX						
0 - 5.99" 0.03						
6.00" - 11.99" 0.05						
12.00" - 23.99" 0.06						
24.00" - 47.99" 0.08						
48.00" & UP 0.12						

PA compatible with Jensen D1130 radio that was previously documented

Jensen JHD1130 AM/FM/RBDS/WB Radio With Clock & 4 Speakers

JPA600 PA System w/ Hand Held Mic & Clip Integrated with JHD1130 Radio

Fare box provision includes Forest river installed:

- Additional stanchion connecting to driver's modesty behind right hand shoulder of driver and a power and ground wire to allow for fare boxes with illumination lighting to be easily wired by agency

Radio install prep includes forest River installed:

- Ground Plane on roof for antennae mounting, pull cord and channel for routing cabling, ground wire, Constant power and ignition power all coiled behind drive left should at ground level for agency install

Strobe light

- See literature next page

Dual Purpose safety vent by Safe Fleet

The Safe Fleet – Transpec family of ventilators and escape hatches – designed to meet the wide-ranging needs of today's transit fleet.



Dual Purpose Safety Vent

The Dual Purpose Safety Vent is a combination roof ventilator/emergency exit that provides 5-position, fresh air ventilation and a simple release handle for emergency exit.

- Multi position fresh air vent
- Emergency exit
- Most popular model





FF600 Series Retractors

A proven, convenient system to secure wheelchair passengers.

The ergonomically designed handle is quick and easy to grasp, the dual, 24-teeth sprocket mechanism enables the user to more easily increase tension on the webbing and the track fittings are specifically designed to ensure free pivoting action for optimum belt alignment. And the versatility of the system offers users a choice — **S-hook** or **Buckle & Tab** hardware attachment styles.

FF600 Features

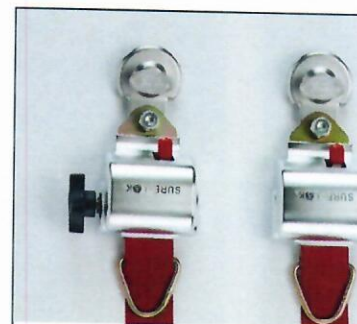
- + D-Ring
- + S-Hook Option
- + PLI
- + Ergonomic Handle

FF600 Retractors

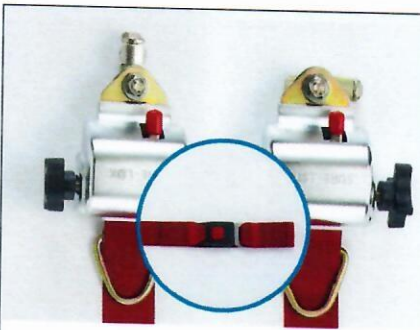


FE200855S / FE200907S
FF600 Retractors

FF600 Series Retractors
with L Track Fitting and S-Hook



FE200944S-SNC / FE200944S-SNC
FF600 Retractors



FE200855 / FE200907
FF600 Retractors

FF600 Series Retractors with L Track Fitting and Buckle/Tab

Standards Compliance

FF600 retractors, when properly used with a **complete Sure-Lok System** (comprised of wheelchair tie-down, a complete occupant restraint system, including lap and shoulder belt), track and anchorages are designed to meet the following requirements where applicable:

- ✓ 30mph/20g Impact Test
Criteria per SAE J2249
- ✓ 30mph/20g Impact Test
Criteria per Canadian Z605
Standard
- ✓ 30mph/20g Impact Test
Criteria per National
Standards for School Buses
- ✓ 49 CFR Part 38 Americans
with Disabilities Act (ADA)
- ✓ 49 CFR Part 571.222 (FMVSS
222) School Bus Passenger
Seating and Crash Protection
- ✓ FMVSS 302 Flammability Test
- ✓ Certificates of Conformance
available upon request



WARNING:

Always secure the occupant in the vehicle with a complete **Sure-Lok Occupant Restraint System**, consisting of **lap and shoulder belts**.
Secure the **wheelchair** in the vehicle with a Sure-Lok Tie-Down System.
For more information: [Selecting Your System](#).

MEDIA

Downloads

 [FF600 CATALOG SECTION](#)

 [FF600 OPERATION DECAL](#)

Photos



KITS

FF600 Kits WITH Occupant Restraints

FITTING	ATTACHMENT	KIT PART No.	INCLUDED IN KIT	OCCUPANT RESTRAINT
L-TRACK	S-HOOK	FF612S-4C	FE200855S (2) FE200907S (2)	FE200727HA
L-TRACK	BUCKLE & TAB	FF612-4C	FE200855 (2) FE200907 (2)	FE200727HA
SLIDE-N-CLICK	S-HOOK	FF660S-4C-SNC	FE200944S-SNC (2) FE200945S-SNC (2) Q8-7580-A (4)	FE200727HA
SLIDE-N-CLICK	BUCKLE & TAB	FF660-4C-SNC	FE200944-SNC (2) FE200945-SNC (2) Q8-7580-A (4)	FE200727HA

FF600 Kits WITHOUT Occupant Restraints

FITTING	ATTACHMENT	KIT PART No.	INCLUDED IN KIT
L-TRACK	S-HOOK	FF627S-4C	FE200855S (2) FE200907S (2)
L-TRACK	BUCKLE & TAB	FF627-4C	FE200855 (2) FE200907 (2)
SLIDE-N-CLICK	S-HOOK	FF661S-4C-SNC	FE200944S-SNC (2) FE200945S-SNC (2) Q8-7580-A (4)
SLIDE-N-CLICK	BUCKLE & TAB	FF661-4C-SNC	FE200944-SNC (2) FE200945-SNC (2) Q8-7580-A (4)

* Location TBD

GENERAL ACCESSORIES

8705 Premium Web Cutter

For use in emergency evacuations. Meets the requirements of the National Standards for School Buses.



FE200750 - 12" Quick Strap

FE200750-16 - 16" Quick Strap

Attaches to the structural frame of the wheelchair and provides a quick and easy attachment point for the tie-down.



FE200746

Vinyl Storage Container

FE2001145

Heavy Duty Storage Container



These containers provide practical and economical storage of the total system when not in use.

8726

Oversized Release Button for Wheelchair Tie-Down Retractors

Optional oversized release button easily fits over existing release lever. Button provides the operator with a larger release lever for the wheelchair tie-down retractor. Two per bag.



SIP009 Operation Decal - AL700 Titan Retractor Series

SIP008 Operation Decal - FF600 Retractor Series

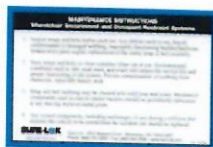
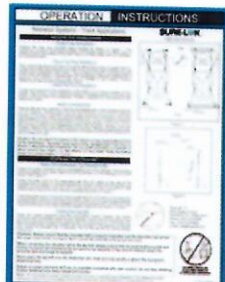
SIP001 Operation Decal - FE500 Manual Series

SIP002 Maintenance Decal - Securement Systems

Operation and Maintenance Decals

Sure-Lok offers Operation and Maintenance Decals as a quick reference. The decals provide both textual and visual information on how to secure the wheelchair, restrain the occupant and how to care for the system. The decals have an adhesive backing to attach to the vehicle's interior.

Contact Customer Service to order your free copies.



SLCD03 DVD formatted

SLVHS03 VHS formatted

Safe & Secure Training Program

A valuable resource for new-hire and refresher training. The program incorporates a leader's guide, video, certificates of completion, interactive curriculum and covers a variety of important topics such as:

- Pre-Trip Assessment
- Sensitivity Training
- Component & Assembly Operation
- Securing the Wheelchair
- Securing the Occupant
- System Care and Maintenance

On-site training and certification available upon request. View the Safe & Secure Training Video free of charge on our website at www.sure-lok.com



FF600 OCCUPANT RESTRAINTS



FE200600

FE500 Occupant
Restraints, FF600
Occupant Restraints,
Parallel Lap Belts

Premium Lap Belt for Series L Track

Length: 108"



FE200594

FE500 Occupant
Restraints, FF600
Occupant Restraints,
Parallel Lap Belts

Standard Lap Belt for Series L Track

Length: 98"



FE200612

FE500 Occupant
Restraints, FF600
Occupant Restraints,
Parallel Lap Belts

Premium Lap Belt for Series A Track

Length: 108"



FE200

FE500 C
Restrainer
Occupant
Parallel

Stand
for Se
Length:



FE200868-2 / FE200868-4

Dual Retractable
Integrated Combination
Belts, FE500 Occupant
Restraints, FF600
Occupant Restraints

Dual Retractable Integrated Combination Belt

Dual Retractable
Integrated Combination
Belt with snap hooks to



FE200599 / FE200732

AL700 Titan Occupant
Restraints, FE500
Occupant Restraints,
FF600 Occupant
Restraints, Shoulder
Belts, Titan800 Occupant
Restraints

Non-Retractable Shoulder Belt for Series L Track

FE200599 Length: 52"



FE200613 / FE200716

FE500 Occupant
Restraints, FF600
Occupant Restraints,
Shoulder Belts

Non-Retractable Shoulder Belt for Series A Track

FE200613 Length: 52"

FE200716 Length: 82"

FE200

FE500 C
Restrainer
Occupant
Shoulder

Non-R
Shoul
Height
Length:

Non-Re
Shoulder
Series L

attach lap belt to D-rings on rear wheelchair tie-down retractor assemblies and a flat mounting bracket on the upper retractor.

The FE200868-4 offers an angled mounting bracket on the upper retractor to accommodate angled vehicle sidewall wire



FE200865

FE500 Occupant Restraints, FF600 Occupant Restraints, Shoulder Belts

Non-Retractable Fixed-Point Shoulder Belt with Quick Disconnect Length: 63"

The Quick Disconnect Shoulder Belt can be mounted to the existing original equipment shoulder belt anchor bolt. This allows it to be used along with the original equipment shoulder belt. The Quick Disconnect Shoulder Belt can be easily removed, by using the single push-button buckle, allowing a passenger sitting on the

FE200732 Length: 82"

Non-Retractable Shoulder Belt attaches to Series L Track on vehicle sidewall, providing increased positioning flexibility for multiple station vehicles.



FE200710HA

FE500 Occupant Restraints, FF600 Occupant Restraints, Shoulder Belts

Non-Retractable Fixed-Point Shoulder Belt with Height Adjuster Length: 72"

Non-Retractable Fixed-Point Shoulder Belt web guide can be mounted directly to the vehicle sidewall or Series L Track with FE200745, FE200747 or FE200736 Mounting Hardware Kit. Bottom bracket can be mounted to the vehicle floor or sidewall, or can be converted from a fixed-point to a track application with FE200747, FE201037 or FE201039 Mounting Hardware Kit. Height Adjuster provides nearly

Non-Retractable Shoulder Belt attaches to Series A Track on vehicle sidewall, providing increased positioning flexibility for multiple station vehicles.



FE200710 / FE200710L

FE500 Occupant Restraints, FF600 Occupant Restraints, Shoulder Belts

Non-Retractable Fixed Point Shoulder Belt

FE200710 Length: 52"

FE200710L Length: 82"

Non-Retractable Fixed-Point Shoulder Belt can be mounted directly to the vehicle sidewall or Series L Track with FE200745, FE200747 or FE200736 Mounting Hardware Kit.

sidewall provided positioning multiple Height, nearly adjustn proper placem occupa is provi against

FE200 FE500 C Restrain Occupa Should

Retra Point Length:

Retract Should automa adjustn should on the Retract mounte upper p sidewall hardwa

Dinner at Charles Delt



FE2007
Hardware
can be
vehicle
or can be
a fixed-
applicat
FE2007
FE2010
Hardware
Adjuste
12" of v
to allow
belt pla
occupa
is provi

For use with FE500
Manual Series Systems
only.

FE200637-020-14 Length:
20"

against
sidewal



FE200727HA /
FE200856HA
FE500 Occupant
Restraints, FF600
Occupant Restraints,
Integrated Combination
Belts

Integrated Combination Belt with Height Adjuster

Integrated Combination
Belt with snap hooks to
attach lap belt to D-rings
on rear tie-down
assemblies. Height
Adjuster provides easy

FF600 ACCESSORIES



FE200777
FF600 Accessories



Q8-7580SL
AL700 TITAN Accessories, FF600
Accessories

Series L Connector Assembly Kit

This kit converts FF600 Retractor Series wheelchair tie-down retractor assemblies to a Series L Track application.

Slide 'N Click Connector Assembly Kit

This kit converts AL700 Titan or FF600 Series wheelchair tie-down retractor assemblies to a Slide 'N Click fitting application.

Want to Learn More About FF600 Retractors?

We're always here to help! Contact us today for questions about our products, training or support.

OUR COMPANY



For more than 30 years, Sure-Lok has been a leading manufacturer of wheelchair securements and occupant restraint systems for transporting individuals with special needs. Every product we manufacture is carefully engineered and tested to ensure it performs properly when used correctly.

SECUREMENT NEWS

- > [Product Update – Retractor PLI](#)
- > [Device of the Hour: Standardized Wheelchair Securement Loops](#)
- > [School Bus Restraints Ensure Safety of Children Using Wheelchairs](#)
- > [Top Jobs for Wheelchair Users](#)

CONTACT US

📍 4031 NE 12th Terrace
Oakland Park, FL 33334

📞 866-SURE-LOK (866-787-3565)

📠 866-TIE-DOWN (866-843-3696)

✉ [Customer Support](#)

🌐 [sure-lok.com](#)

FIND US ON FACEBOOK





BraunAbility

CENTURY SERIES NCL1000-2 WHEELCHAIR LIFTS

THE ONE-STOP-SHOP FOR ALL YOUR MOBILITY TRANSPORTATION NEEDS

Since 1963, BraunAbility has been the trusted industry leader. Our wheelchair accessible vehicles and lifts are designed to meet your specific needs, with performance, safety, and reliability that will keep your fleet up and running day after day, year after year. With the most diverse product portfolio of any mobility vehicle company in the industry, BraunAbility delivers the right solution to every commercial mobility need.

NCL1000-2 CENTURY SERIES WHEELCHAIR LIFT

STANDARD FEATURES

- 1,000-pound lifting capacity
- NHTSA-compliant
- Fully automatic FMVSS 403-compliant lift, operated by an attendant
- Interfaces with OEM interlocks
- Long-lasting LED lift-mounted lights
- Side or rear door application*
- Platform options up to 37" wide
- Floor to ground lift heights up to 48"
- Made in the USA

*Vehicle suspension dynamics affect body roll and FMVSS 403 platform tilt allowances. Before selecting a lift with a specific rated capacity, ensure the load does not exceed vehicle platform tilt.

SAFETY FEATURES

- Locking mechanical inboard Barrier (IB), powder coated yellow for safety and high visibility, prevents operation if occupied
- Visual and audible warnings alert both passengers and attendants to unsafe conditions
- Interlocked gas spring activated outer barrier
- Dual handrails for security and convenience
- Pump design prevents platform folding when occupied

EASE OF USE FEATURES

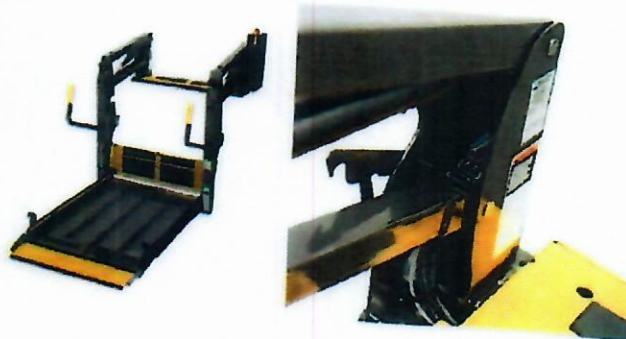
- Hand-held control box with illuminated functions
- Durable redesigned baseplate reduces lift weight, and allows for quicker and easier service
- Bridging feature permits the wheelchair user to board the lift from sidewalks
- Equipped with an adjustable anti-rattle feature
- Lift-Tite™ system stows the lift platform securely while the vehicle is in transit
- Pump module with removable cover offers easy access to all components
- Integrated back-up pump

BRAUNABILITY'S UNRIVALED SERVICE

Every BraunAbility commercial mobility product comes with our team of commercial mobility experts. They will work to find the ideal mobility transportation solution, no matter the requirements, complexity, or scale. And after you make a purchase, they will continue to work just as hard to offer you all the service and repair support you need.

The NCL1000-2 Century Series Wheelchair Lift from BraunAbility

With dual hydraulic lift arms, and a design that has withstood the test of time, the Century Series offers all the benefits and quality of a BraunAbility wheelchair lift in a streamlined, economical package. The simplified electrical system offers trouble-free operation, while the non-hydraulic spring-loaded outer barrier keeps the wheelchair safely and securely on the wheelchair lift platform throughout the lifting cycle. In addition to all these standard features, the NCL1000-2 also comes equipped with an increased lifting capacity of 1000 pounds.



The NCL1000-2 Century Series also features new and improved inboard barriers, baseplates, vertical channels, and lower parallel arms for a more rigid and stable ride.

BraunAbility offers several models of the Century 2 Wheelchair Lift to address the right application, including usable platforms of 33" x 51", 34" x 51", 34" x 54", as well as 37" x 51" and 37" x 54". The models also vary based on the placement of the front or rear pump module, the lifting capacity (1,000 pounds), and the overall floor-to-ground lift height (up to 48"). The Century 2 Wheelchair Lift is available with or without the handrail belt. See your BraunAbility dealer or braunability.com for lift models available for your specific application.

BraunAbility

 **MADE IN THE USA**

631 West 11th Street • Winamac, IN 46996
(574) 946-6153 | 1-800-THE-LIFT
www.braunability.com/commercial

All illustrations, descriptions and specifications in this brochure are based on the latest product information at the time of publication. BraunAbility reserves the right to make changes at any time without notice. © 2019 The Braun Corporation 405245



AM/FM/RBDS/WB Heavy Duty Radio

JHD1130



PRODUCT FEATURES

- 12V DC power
- Max output power: 40W x 4
- Electronic AM/FM tuner (US/Euro)
- NOAA 7-channel Weather band
- RBDS with PTY search
- Front AUX input
- Amber backlit control panel buttons
- 12/24 hour selectable clock with Super-Cap 30 day power backup
- Encoder knob volume control
- Beep tone confirmation (user selectable On/Off)
- EQ presets (Flat, Rock, Pop, Classical, User settings)
- Conformal coated PCB
- Preset tuning
- Non-volatile memory
- Low battery alert (Voltage < 10.8 VDC)
- IR remote ready (remote sold separately)
- Channel lock

DESIGNED TO MOVE [YOU]™

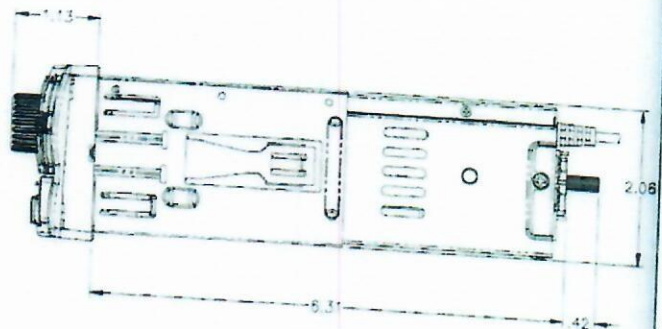
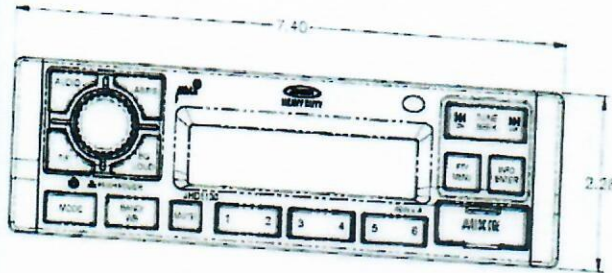
Features and specifications subject to change without notice.

asa
ELECTRONICS
2802 Manna Drive • Elkhart, IN 46514
www.asaelectronics.com

JENSEN

AM/FM/RBDS/WB Heavy Duty Radio

JHD1130



Specifications

General Specifications

Power System		12 VDC
Operating Voltage Range		9 V to 18 V
Current Draw @ 12V	Standby	0 A
	Nominal	1.3 A
	Maximum	9.5 A
Operating Temperature Range		-22°F to 185°F -30°C to 85°C
Storage Temperature Range		-40°F to 185°F -40°C to 85°C
Maximum Relative Humidity		95%
Overall Dimensions		6.3" x 7.4" x 2.1"
Product Weight (unpacked)		2.75 lbs.

Performance Specifications

FM Sensitivity		1 uV
AM Sensitivity		20 uV
Output Power	RMS	18 W x 4
	Maximum	40 W x 4
Total Harmonic Distortion @ 1 Watt		1%
Applied Test Suite		ASA ES0013
Regulatory Certification		FCC Part 15B / E-Mark

ROHRER

School & Commercial Bus Sales

Memorandum of Understanding

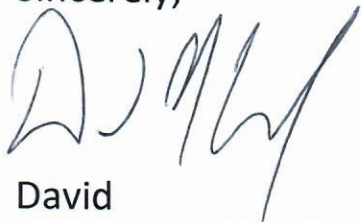
RE: Cutaway bid

Date: May 28, 2024

Rohrer Bus Sales understands as a vehicle contract recipient in the State of West Virginia, that we will be called upon to fully support joint Training in two or three locations in the state. It is our responsibility to arrange for LIFT, AC and other major component representatives to assist us with this training.

In years past we have also provided either breakfast or lunch meals. CENTRA and KRT have both allowed WVDPT to host this required training at their location. It is most helpful to have a combination of in class and hands on training out in the shop.

Sincerely,



David

D.M. Clawson, Jr.
Sr. Vice President of Sales
Rohrer Bus Sales
dclawson@rohrerbus.com
Office: 717-957-2141 ext.1363
Fax: 717-957-4884
Mobile: (540) 729 – 3751



*The Transportation
Company You Can
Depend On!*



TRANSIGN

YOUR DESTINATION BEGINS HERE



The LED Destinator™ Series - perfect for fleets of all types - is available in a variety of sizes and colors to fit your installation and display needs. These versatile and highly adaptive signs offer full integration into Destination, Route, and Next Stop announcement services, always keeping your customers pointed towards their next destination.



STANDARD FEATURES

- Destination Messages
- Next Stop Announcements
- Public Relations Messaging
- Scrolling/Flashing/Stacked Messages

SOFTWARE AND PROGRAMMING

Our signs and control modules are pre-programmed and include FREE software. Advanced controllers are available for J1708/J1587 system integration and Hands-Free operation, ensuring the safest and most reliable performance for any fleet.



AVAILABLE ADVANCED FEATURES INCLUDE:

- Automated GPS message progression
- Hands-Free operation for safety
- Voice Announcements
- J1708/J1587 integration compatible
- Automatic brightness control
- Basic programming software included (USB)
- Maintenance free- ZERO cost of ownership
- Many OCU options to suit your needs



BUY AMERICA - MADE IN U.S.A.

Using the highest quality parts, our LED Destinator™ Signs are proudly made in Detroit, Michigan USA in full compliance with the **Buy America Act**.

LED DESTINATOR™ WARRANTY INFO

With a lifetime warranty that outlasts the lifetime of most vehicles (100,000 hours at full brightness), our signs will exceed your expectations in reliability and performance.



ABOUT TRANSIGN

Established in 1959, Transign is a leading provider of high-quality signage for the transit industry. We remain committed to providing world-class U.S. based customer service and technical support.

Transign LLC, 281 Collier Rd., Auburn Hills, Michigan 48326
Toll Free: 855.535.7446 | Main: 248.623.6400 | Fax: 248.623.2930
www.transignllc.com

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LED Destinator™ Series

Est. 1959

TRANSIGN

YOUR DESTINATION BEGINS HERE

LED Destinator™ Electronic Signs - Dimensions

Sign	Pixel Count H x W (pixels)	Display H x W (in)	Enclosure H x W x D (in)
LD16160	16 x 160	6 1/2 x 63 1/8	9 1/2 x 64 1/8 x 2 3/8
LD16128	16 x 128	6 1/2 x 50 1/2	9 1/2 x 52 x 2 3/8
LD16112	16 x 112	6 1/2 x 44 1/8	9 1/2 x 45 1/4 x 2 3/8
LD1696	16 x 96	6 1/2 x 37 1/8	9 1/2 x 39 1/8 x 2 3/8
LD1680	16 x 80	6 1/2 x 31 1/8	9 1/2 x 33 x 2 3/8
LD1632	16 x 32	6 1/2 x 12 3/4	9 1/2 x 14 x 2 3/8
LD12112	12 x 112	4 1/8 x 44 1/8	8 x 45 1/4 x 2 3/8
LD1280	12 x 80	4 1/8 x 31 1/8	8 x 33 1/8 x 2 3/8
LD1232	12 x 32	4 3/4 x 12 3/4	8 x 14 x 2 3/8
LD896	8 x 96	3 1/4 x 37 1/8	6 1/8 x 39 1/8 x 2 3/8
LD864	8 x 64	3 1/4 x 25 1/4	6 1/8 x 26 1/4 x 2 3/8

Be sure to check out our other great products!

Stop Requested**Stop Request Signs**

- Flush, ceiling or surface mount
- Any font/color combination
- Back-lit by efficient LED's

Marle St.**Interior Passenger Information Sign**

- Easy to install
- ADA compliant
- LED's rated at 100K hours

Special**Roller Curtain Signs**

- High-res logos & graphics
- Perfect for large fleets
- Virtually maintenance free
- Reliable, efficient LED backlight
- Available in 12 and 24 VDC
- Up to 120 destinations

4 5 6**Run Number Box**

- Metal or plastic frame
- Available in 2, 3, or 4 digits
- Easy to read 4" lettering
- Spring loaded return
- Reliable, efficient LED backlight
- Virtually maintenance free

Route**LED Run Number Box**

- Steel enclosure
- ADA compliant
- Reliable LED's
- Multiple colors
- Automatic brightness
- 12 and 24 VDC

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Transign LLC, 281 Collier Rd., Auburn Hills, Michigan 48326
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Stop Request components assembled by Forest River and covered under their 3 year 36000 mile warranty

Includes:

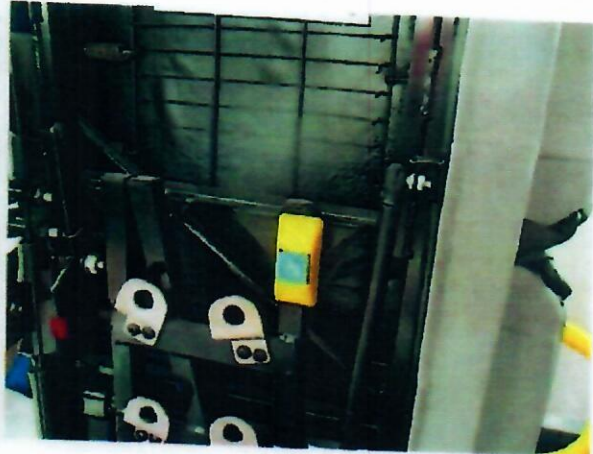
1. Sign mounted at front header



2. Request cabling for ambulatory passengers



3. Touch tape and or push buttons for wheelchair passengers

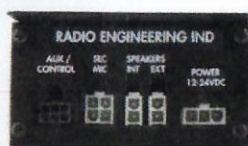


PA systems

One- and Two-Channel PA Amplifiers



Front View



Back View

- 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



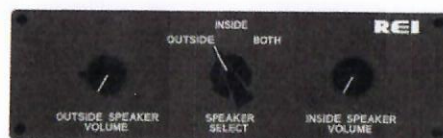
ECHO PAs

Voice-Record Dash Model

- 4.16"L x 6"W x 1.68"H panel
- 12/24 volt/50-watt power output
- Single microphone input with priority control
- Internal microphone with AUX microphone input
- Internal and external speaker volume control
- Approved OEM standard option
- *Microphone not included

Two-Channel Transit PA Amplifier

With Remote-Mount Volume Control Panel



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



Front View



Back View

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



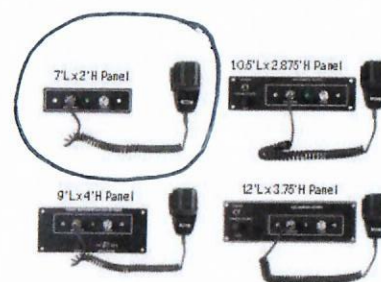
Panel-Mounted PA Amplifier

- 7"L x 2"H panel
- 12-volt/40-watt power output
- Single channel
- Two microphone inputs with priority control

Four-Channel Transit PA Amplifier



- 4"L x 2.05"W x 1.68"H
- Output cable to speakers
- 42 watts x 4
- Input cable from radio
- Easily integrates with OEM equipment
- Steel housing for easy installation
- Uses Dynamic Hand-Held Mic (#48D343)



Panel-Mounted PA System

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

Add on to
OEM radio

LED Strobe Light

Enhanced Bus Visibility



Provides more down angle light to gain attention of pedestrians and motorists



4" model shown

- Exceeds SAE J845 Class II rating
- Same hole pattern as Specialty Manufacturing's 515 model
- Composite base with rubber gasket adapts to various mounting surfaces



Safety

Significantly improves vehicle visibility in any light conditions



Adaptable

Composite base with rubber gasket adapts to various roof surfaces



Moisture

Water resistant design exceeds SAE J845/575



Down Beam

Optical design provides more down angle light to gain attention of pedestrians and motorists



Maintenance

LED tower and circuit board are field replaceable for simplified maintenance



Warranty

5 year warranty provided as standard offering



Extreme Temp

Certified operation between -30°F and 130°F



Shock and Vibration

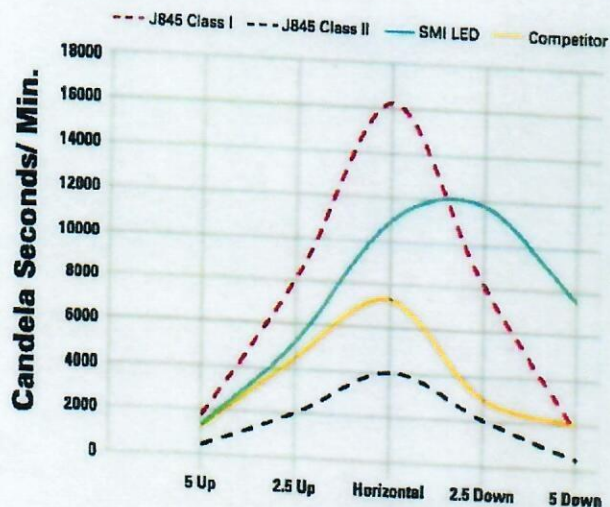
Rough roads, potholes, and day-to-day jarring are no match for the solid state electronics. Tested to SAE J845/575 standards

SAFE  FLEET
Driving Safety Forward™

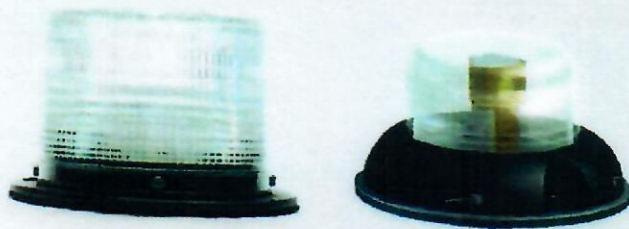
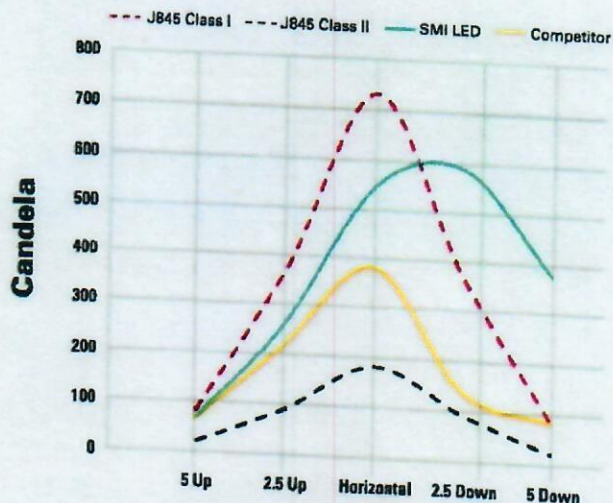
LED Strobe Light

The Specialty Difference

OPTICAL POWER



PEAK INTENSITY



New Low profile LED Strobe

The optical design of the Specialty strobe provides 4x's more down angle light than the competitive solution which enhances bus visibility to motorists and pedestrians. It provides nearly 5x's more down angle light than SAE J845 requirements for Class II strobes.



1269-Strobe-Light-BR-SB-021522

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safefleet.net

SAFE FLEET
Driving Safety Forward™



HD-V CAMERAS

VULCAN™ SERIES HD-V CAMERAS

- 1080P
- Super Infrared
- Fully articulated lens casing



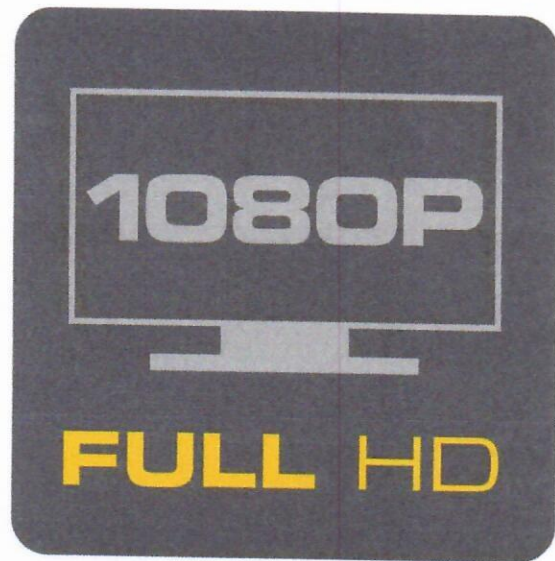
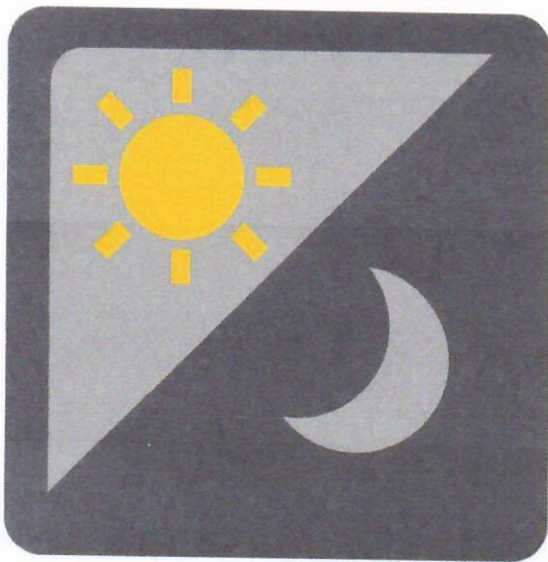
Interior or Exterior

The versatile, low profile HD-V camera from AngelTrax features a fully articulated lens casing that is adjustable vertically, horizontally and 180 degrees in any direction to obtain the desired view of the vehicle's interior or exterior and surroundings.



Super Infrared

Equipped with Super Infrared, automated white balance and digital noise reduction, the HD-V camera is capable of capturing



HD1700V

- 1.7mm Extreme Wide Angle
- Shorter Focal Length
- 170° Horizontal Field of View
- 90° Vertical Field of View

[Download Tech Specs](#)

HD2100V

- 2.1mm
Wide Angle
- Shorter Focal Length
- 125° Horizontal Field of View

[Download Tech Specs](#)

HD2500V

- 2.5mm
Wide Angle
- Shorter Focal Length
- 110° Horizontal Field of View

[Download Tech Specs](#)

HD3600V

- 3.6mm
Wide Angle
- Medium Focal Length
- 70° Horizontal Field of View

[Download Tech Specs](#)

HD6000V

- Deeper Focal Length
- 52° Horizontal Field of View

[Download Tech Specs](#)

Live View & Live Tracking



« with PRO8 CMS

Contact Us

1.800.673.1788 (Toll-free)

1.334.692.4600 (Local)

1.334.692.4606 (Fax)

[Email Tech Support](#)

Location

119 South Woodburn Drive

Dothan, AL 36305

[Careers](#)

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V1284HC

MDVR

Vulcan™ Series V1284HC MDVR

Specifically designed for the school bus industry, the V1284HC mobile DVR records up to 12 camera views of the vehicle's interior and exterior: 8 HD channels up to 1080P and 4 IP channels up to 1080P resolution.

- 12-channel system
- 8 HD channels up to 1080P + 4 IP channels up to 1080P
- (1) 3.5-inch SATA hard drive, up to 14TB
- SD card slot for redundant recording
- Patented Hybrid Component™ Technology
- Five (5) year limited warranty

[Download Tech Specs](#)

HYBRID COMPONENT TECHNOLOGY

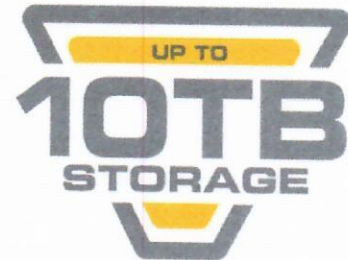
Patented by AngelTrax, Hybrid Component™ slide-rail technology keeps your fleet on the go more and in the shop less by dramatically reducing downtime due to surveillance system service.

- Modular design with removable trays
- Fully serviceable on site
- Serviced in minutes, not days
- Lowest long-term cost of ownership



SERIOUS STORAGE

The V1284HC comes standard with one 3.5-inch SATA hard drive, upgradeable to 14TB, and one 64GB SD card, upgradeable to 512GB.



CAMERAS

The V1284HC MDVR is compatible with Vulcan™ Series HD cameras, MDVR-compatible IP cameras and MDVR-compatible accessories.



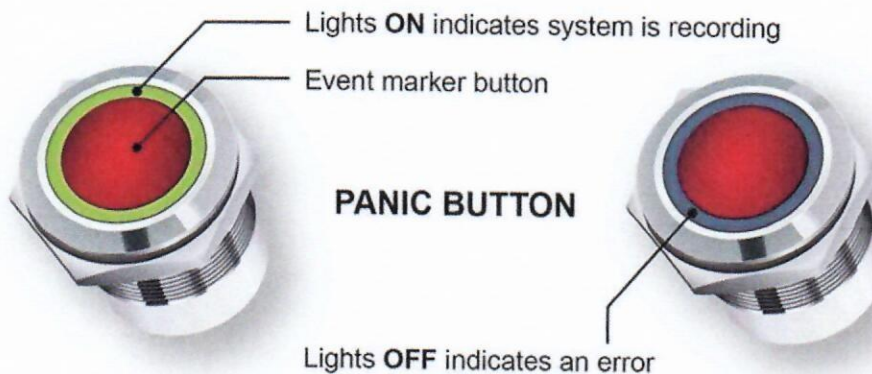
WARRANTY

We stand behind the Vulcan™ Series mobile DVR by offering a five-year, limited parts and labor warranty that is unmatched in the industry, and from first contact to warranty fulfillment, AngelTrax provides unparalleled customer service and support.



DRIVER-OPERATED PANIC BUTTON

Alerts, triggered by the driver-operated panic button or one of eight configurable alarms, automatically mark video for supervisor review during playback. The panic button, included with every Vulcan Series MDVR and installed within easy reach on the driver's console, is an inconspicuous tool the driver can use to mark the video at the time and date of an incident occurring on the vehicle. The panic button also functions as a remote status indicator for the MDVR. A solid green LED indicates the unit has power and is recording without using a video monitor.



Exceptional »

CUSTOMER
SERVICE



PRODUCT
TRAINING



TECHNICAL
SUPPORT



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1.800.673.1788 (Toll-free)

1.334.692.4600 (Local)

1.334.692.4606 (Fax)

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Dothan, AL 36305

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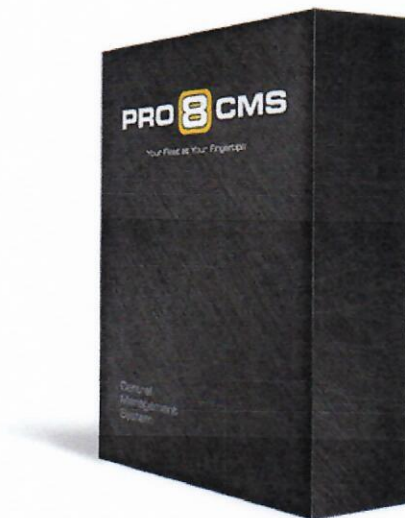


FLEXPLAY PRO 8™

Video Playback Software

View, export and archive your video using AngelTrax's complimentary video playback software. FlexPlay Pro 8 software is included with the purchase of any Vulcan™ Series system.

[Read More](#)

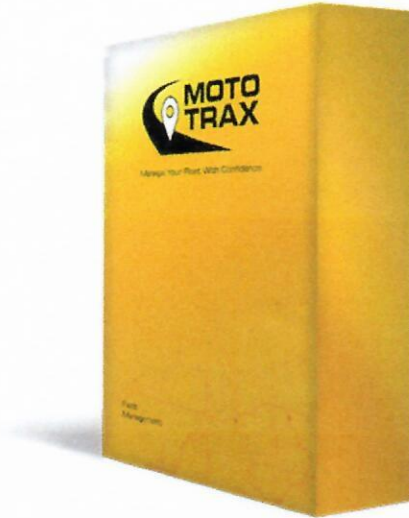


PRO8CMS™

Video Management Software

Optimize the capabilities of FlexPlay Pro 8 with live view, live tracking and comprehensive reports on your entire fleet. Get the app in the iOS App Store or Google Play Store.

[Read More](#)



MOTOTRAX™

Online Surveillance Manager

Receive alerts via text or email, review event history for one vehicle or the entire fleet, and much more with this web-based platform. Get apps in the iOS App Store or Google Play Store.

[Read More](#)



» Discover the AngelTrax Difference

Contact Us

1.800.673.1788 (Toll-free)

1.334.692.4600 (Local)

1.334.692.4606 (Fax)

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Location

119 South Woodburn Drive
Dothan, AL 36305

[Careers](#)

QUICK REFERENCE: WARRANTY COVERAGE

This chart gives a general summary of your warranty coverage provided by Ford Motor Company under the **New Vehicle Limited Warranty**. Please refer to the description of warranty coverage for more specific information.

For each type of coverage, the chart shows two measures:

- years in service
- miles driven

Your New Vehicle Limited Warranty

TYPE OF COVERAGE	YEARS IN SERVICE/MILES DRIVEN
BUMPER TO BUMPER	3/36,000
POWERTRAIN	5/60,000
SAFETY RESTRAINT SYSTEM	5/60,000
CORROSION (Perforation only)	5 UNLIMITED
DIESEL ENGINE	5/100,000
HYBRID/ELECTRIC UNIQUE COMPONENT	8/100,000

The measure that occurs first determines how long your coverage lasts. For example: Your Bumper to Bumper Coverage lasts for three years - unless you drive more than 36,000 miles before three years elapse. In that case, your coverage ends at 36,000 miles.

For more details on coverage, see:

- ➔ **What is Covered?** (pages 9-13)
- ➔ **What is Not Covered?** (pages 13-16)

ELDORADO

Warranty Overview

Please refer to specific warranties for details & exclusions

ELDORADO	
Base Warranty	3 Year/36,000 Miles
Body Structure	5 Year/100,000 Miles
Electrical System	3 Year/36,000 Miles
Paint	≤36 months and ≤36,000 miles = 100% materials and 100% labor ≤48 months and ≤70,000 miles = 50% material and 50% labor ≤60 months and ≤100,000 miles = 25% material and 25% labor
CHASSIS	
Ford Motor Co.	3 Year/36,000 Miles
	5 Year/60,000 Miles
	5 Year/Unlimited Miles
	5 Year/100,000 Miles
General Motors	E & F Series Chassis
	Drivetrain
	Corrosion
	Diesel Engine
	G3500 & G4500 Chassis
International	3 Year/36,000 Miles
	5 Year/60,000 Miles
	5 Year/100,00 Miles
	3 Year/36,000 Miles
	6 Year/100,000 Miles
International	1 Year/Unlimited Mileage
	5 Year/100,000 Miles
	6 Year/Unlimited Miles
	2 Year/Unlimited Miles
	(from delivery date) TC
	TC Chassis Cab Coverage
	TC Corrosion
	TC ISB Engine
AIR CONDITIONING AND HEAT	
ProAir A/C (formerly A.C.T.)*	3 Year/Unlimited Mileage
ACC Climate Control	3 Year/75,000 Mile (with min 2 Year/Unlimited mileage for original owner)
Mobile Climate Control (MCC)	2 Year Unlimited Mileage (from Original In-Service Date)
Thermo King A/C	2 Year/Unlimited Mileage, Parts, Labor
Trans Air	1 Year on Compressors
ProAir Heaters*	2 Year/Unlimited Mileage (from Original In-Service Date)
	2 Years/Unlimited Mileage
ALTERNATOR	
Alternator	See Chassis Warranty
AUDIO VISUAL	
ASA Radio Components	2 Year/Unlimited Mileage
Echovision	1 Year (from original purchase date)

[Vehicles](#)[Shop](#)[Finance](#)[Owner](#)[Ask
Ford](#)[Locate a
Dealer](#)

New Vehicle Limited Warranty

3 years/36,000 miles (whichever comes first)

You will not be charged for repairs covered by any applicable warranty during the stated coverage period, unless specifically stated elsewhere in the Warranty Guide. The part will be repaired or replaced without charge by any authorized Dealer, regardless of any change of vehicle ownership during the warranty period.

The New Vehicle Limited Warranty doesn't cover:

1. Parts and labor needed to maintain the vehicle.
2. The replacement of parts due to normal wear and tear. You as the owner are responsible for those items.

Some examples of maintenance and normal wear are:

- oil changes
- oils
- lubricants, other fluids
- oil/air filters
- tire rotation/inflation
- cleaning/polishing
- clutch linings
- wiper blades¹
- wheel alignments and tire balancing¹
- brake pad/lining¹

¹Ford will replace or adjust certain maintenance items when necessary, free of charge during a limited period:

- Wiper blade replacements will be provided during the first six months in service, regardless of miles driven.
- Wheel alignments and tire balancing will be provided during the first 12 months or 12,000 miles in service, whichever occurs first.
- Brake pad/lining replacements will be provided during the first 12 months or 18,000 miles in service, whichever occurs first.

For important warranty details and exclusions, [contact your dealer](#) or see your [Warranty Guide](#).

Didn't find what you were looking for?

Live chat

Get one-on-one
support right
now

Call support

Speak to a Ford
representative

Find a dealer

Find a Ford dealership in your area

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Corrosion Warranty

5 years (regardless of mileage)

Your vehicle's body sheet metal panels or aluminum body panels are covered for an extended Corrosion Coverage Period. Coverage only applies if a body sheet metal panel becomes perforated due to corrosion during normal use due to a manufacturing defect in factory-supplied materials or factory workmanship. If aluminum body panels have corrosion or rust damage and the damage is not the result of abnormal usage, vehicle accident, customer actions or extreme environmental conditions, the corrosion or rust damage is covered for 5 years, unlimited miles.

For damage caused by airborne material (environmental fallout) where there is no factory-related defect involved and therefore no warranty – our policy is to provide free repair of paint damage due to the airborne material for 12 months or 12,000 miles, whichever occurs first.

For important warranty details and exclusions, [contact your dealer](#) or see your [Warranty Guide](#).

Didn't find what you were looking for?

REFERENCE #4 - MOVTA

Contract history extends for multiple years - Rohrer Bus Sales has provided Ford F-550, E-350 and E-450 buses to MOVTA.

Contact: Michael Kesterson
Mid-Ohio Valley Transit Authority
520 Juliana Street
Parkersburg, WV 26101
304.422.4100

REFERENCE #5 – Mountain Line Transit

Contract history extends for multiple years - Rohrer Bus Sales has provided Ford Freightliner and Ford E-350/450 buses to Mountain Line.

Contact: Maria Smith, General Manager
520 Juliana Street
420 Dupont Road
Morgantown WV 26501
304.296.3680

STATE OF WEST VIRGINIA
Purchasing Division**PURCHASING AFFIDAVIT****VENDOR OWING A DEBT TO THE STATE:**

West Virginia Code §5A-3-10a provides that: No contract or renewal of any contract may be awarded by the state or any of its political subdivisions to any vendor or prospective vendor when the vendor or prospective vendor or a related party to the vendor or prospective vendor is a debtor and the debt owed is an amount greater than one thousand dollars in the aggregate.

PUBLIC IMPROVEMENT CONTRACTS & DRUG-FREE WORKPLACE ACT:

If this is a solicitation for a public improvement construction contract, the vendor, by its signature below, affirms that it has a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the **West Virginia Code**. The vendor **must** make said affirmation with its bid submission. Further, public improvement construction contract may not be awarded to a vendor who does not have a written plan for a drug-free workplace policy in compliance with Article 1D, Chapter 21 of the **West Virginia Code** and who has not submitted that plan to the appropriate contracting authority in timely fashion. For a vendor who is a subcontractor, compliance with Section 5, Article 1D, Chapter 21 of the **West Virginia Code** may take place before their work on the public improvement is begun.

ANTITRUST:

In submitting a bid to any agency for the state of West Virginia, the bidder offers and agrees that if the bid is accepted the bidder will 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 the bidder.

I certify that this bid is made without prior understanding, agreement, or connection with any corporation, firm, limited liability company, partnership or person or entity submitting a bid for the same materials, supplies, equipment or services and is in all respects fair and without collusion or fraud. I further certify that I am authorized to sign the certification on behalf of the bidder or this bid.

LICENSING:

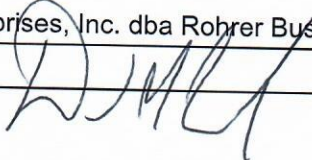
Vendors must be licensed and in good standing in accordance with any and all state and local laws and requirements by any state or local agency of West Virginia, including, but not limited to, the West Virginia Secretary of State's Office, the West Virginia Tax Department, West Virginia Insurance Commission, or any other state agencies or political subdivision. Furthermore, the vendor must provide all necessary releases to obtain information to enable the Director or spending unit to verify that the vendor is licensed and in good standing with the above entities.

CONFIDENTIALITY:

The vendor agrees that he or she 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/noticeConfidentiality.pdf>.

Under penalty of law for false swearing (**West Virginia Code** §61-5-3), it is hereby certified that the vendor affirms and acknowledges the information in this affidavit and is in compliance with the requirements as stated.

Vendor's Name: Rohrer Enterprises, Inc. dba Rohrer Bus Sales

Authorized Signature:  Date: 5/29/24



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

State of West Virginia
Centralized Request for Quote
Vehicles

Proc Folder: 1395147

Doc Description: Less than 30 Ft. Cutaway Bus

Reason for Modification:

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2024-04-18	2024-05-08 13:30	CRFQ 0810 DMT2400000007	1

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: VS0000004719

Vendor Name : Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Address : 1515 State Road PO Box 100

Street :

City : Duncannon

State : PA

Country : USA

Zip : 17020

Principal Contact : David M Clawson, Senior Vice President Sales

Vendor Contact Phone: 800-735-3900/540-729-3751 Extension:

FOR INFORMATION CONTACT THE BUYER

John W Estep
304-558-2566
john.w.estep@wv.gov

Vendor
Signature X

FEIN# 23-205997

DATE 5-7-24

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

ADDITIONAL INFORMATION**REQUEST FOR QUOTATION:**

The West Virginia Purchasing Division is soliciting bids on behalf of the Division of Multimodal Transportation Facilities Division - Public Transit and any other state agency that desires to utilize this contract to establish an open-end contract for <30' cutaway transit vehicle(s) manufactured on a standard cutaway chassis with provision for stand-up entry, a wheelchair lift (in certain vehicle Classes) and tie downs, to provide transportation services in an urban and rural environment, including mountainous terrain and a severe winter climate. Per the Bid Requirements, Specifications, Terms and Conditions attached to this solicitation.

INVOICE TO**SHIP TO**

PUBLIC TRANSIT DIVISION
OF
BLDG 5 RM 663

1900 KANAWHA BLVD E
CHARLESTON
US

WV

PUBLIC TRANSIT DIVISION
OF
KANAWHA VALLEY
REGIONAL
TRANSPORTATION
AUTHORITY
1550 FOURTH AVE
CHARLESTON
US

WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Less than 30 ft. Cutaway Buses.	26.00000	EA		

Comm Code	Manufacturer	Specification	Model #
25101502			

Extended Description:

To establish an open ended contract for Less than 30 ft. Cutaway Buses. The vehicles will be utilized to assist public transportation throughout the state. The will be used in urban, sub-urban, and rural areas that includes hilly terrains and varying weather climates. These climates require vehicles that possess stop-start duty cycles.

Federal Terms and Conditions Apply

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Tech Questions due by 10:00am	2024-04-26

	Document Phase	Document Description	Page 3
DMT2400000007	Final	Less than 30 Ft. Cutaway Bus	

ADDITIONAL TERMS AND CONDITIONS

See attached document(s) for additional Terms and Conditions



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

State of West Virginia
Centralized Request for Quote
Vehicles

Proc Folder: 1395147

Doc Description: Less than 30 Ft. Cutaway Bus

Reason for Modification:

ADDENDUM NO_1
Vendor Question and Response

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2024-04-23	2024-05-08 13:30	CRFQ 0810 DMT2400000007	2

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: VS0000004719

Vendor Name : Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Address : 1515 State Road PO Box 100

Street :

City : Duncannon

State : PA

Country : USA

Zip : 17020

Principal Contact : David M Clawson, Senior Vice President Sales

Vendor Contact Phone: 540-729-3751

Extension:

FOR INFORMATION CONTACT THE BUYER

John W Estep
304-558-2566
john.w.estep@wv.gov

Vendor
Signature X

FEIN# 23-205997

DATE 5-29-24

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

ADDITIONAL INFORMATION**ADDENDUM NO_1**

Addendum No_1 issued to publish and distribute the attached information to the Vendor Community.

REQUEST FOR QUOTATION:

The West Virginia Purchasing Division is soliciting bids on behalf of the Division of Multimodal Transportation Facilities Division - Public Transit and any other state agency that desires to utilize this contract to establish an open-end contract for <30' cutaway transit vehicle(s) manufactured on a standard cutaway chassis with provision for stand-up entry, a wheelchair lift (in certain vehicle Classes) and tie downs, to provide transportation services in an urban and rural environment, including mountainous terrain and a severe winter climate. Per the Bid Requirements, Specifications, Terms and Conditions attached to this solicitation.

INVOICE TO

PUBLIC TRANSIT DIVISION
OF
BLDG 5 RM 663

1900 KANAWHA BLVD E
CHARLESTON WV
US

SHIP TO

PUBLIC TRANSIT DIVISION
OF
KANAWHA VALLEY
REGIONAL
TRANSPORTATION
AUTHORITY
1550 FOURTH AVE
CHARLESTON
US

WV

Line	Comm Ln Desc	Qty	Unit Issue	Unit Price	Total Price
1	Less than 30 ft. Cutaway Buses.	26.00000	EA		

Comm Code	Manufacturer	Specification	Model #
25101502			

Extended Description:

To establish an open ended contract for Less than 30 ft. Cutaway Buses. The vehicles will be utilized to assist public transportation throughout the state. The will be used in urban, sub-urban, and rural areas that includes hilly terrains and varying weather climates. These climates require vehicles that possess stop-start duty cycles.

Federal Terms and Conditions Apply

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Tech Questions due by 10:00am	2024-04-26

SOLICITATION NUMBER: CRFQ DMT2400000007

Addendum Number: 1

The purpose of this addendum is to modify the solicitation identified as CRFQ DMT24000000007 ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

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

Additional Documentation:

Bid Opening remains 05/08/2024 at 1:30pm

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 DOT2400000007
ADDENDUM NO. 1

Questions:

Q1: Approved equals request for Gerflor Flooring ?

A1: Will Accept.

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.

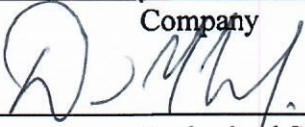
Acknowledgment: I hereby acknowledge receipt of the following addenda and have made the necessary revisions to my proposal, plans and/or specification, etc.

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.

Rohrer Enterprises Inc., dba Rohrer-Bus Sales
Company

Authorized Signature
5/29/24
Date

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



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

State of West Virginia
Centralized Request for Quote
Vehicles

Proc Folder: 1395147

Doc Description: Less than 30 Ft. Cutaway Bus

Reason for Modification:

ADDENDUM NO_2
Vendor Questions and Responses

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2024-04-24	2024-05-08 13:30	CRFQ 0810 DMT2400000007	3

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: VS0000004719

Vendor Name : Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Address : 1515 State Road PO Box 100

Street :

City : Duncannon

State : PA

Country : USA

Zip : 17020

Principal Contact : David M Clawson, Senior Vice President Sales

Vendor Contact Phone: 540-729-3751

Extension:

FOR INFORMATION CONTACT THE BUYER

John W Estep
304-558-2566
john.w.estep@wv.gov

Vendor
Signature X

FEIN# 23-205997

DATE 5-29-24

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

ADDITIONAL INFORMATION**ADDENDUM NO_2**

Addendum No_2 issued to publish and distribute the attached information to the Vendor Community.

REQUEST FOR QUOTATION:

The West Virginia Purchasing Division is soliciting bids on behalf of the Division of Multimodal Transportation Facilities Division - Public Transit and any other state agency that desires to utilize this contract to establish an open-end contract for <30' cutaway transit vehicle(s) manufactured on a standard cutaway chassis with provision for stand-up entry, a wheelchair lift (in certain vehicle Classes) and tie downs, to provide transportation services in an urban and rural environment, including mountainous terrain and a severe winter climate. Per the Bid Requirements, Specifications, Terms and Conditions attached to this solicitation.

INVOICE TO

PUBLIC TRANSIT DIVISION
OF
BLDG 5 RM 663

1900 KANAWHA BLVD E
CHARLESTON WV
US

SHIP TO

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	Less than 30 ft. Cutaway Buses.	26.00000	EA		

Comm Code	Manufacturer	Specification	Model #
25101502			

Extended Description:

To establish an open ended contract for Less than 30 ft. Cutaway Buses. The vehicles will be utilized to assist public transportation throughout the state. The will be used in urban, sub-urban, and rural areas that includes hilly terrains and varying weather climates. These climates require vehicles that possess stop-start duty cycles.

Federal Terms and Conditions Apply

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Tech Questions due by 10:00am	2024-04-26

SOLICITATION NUMBER: CRFQ DMT2400000007

Addendum Number: 2

The purpose of this addendum is to modify the solicitation identified as CRFQ DMT2400000007 ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

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

Additional Documentation:

Bid Opening remains 05/08/2024 at 1:30pm

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 DMT2400000007
ADDENDUM NO. 2

Questions:

Q1: Please approve the use of DOCKET 90 Vinyl for this solicitation.

A1: We will allow but not require the use of DOCKET 90 Vinyl for the vehicle contracts.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ DMT2400000007

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 type="checkbox"/> Addendum No. 1	<input type="checkbox"/> Addendum No. 6
<input checked="" 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.

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales



Company

Authorized Signature

5/29/24
Date

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



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

State of West Virginia
Centralized Request for Quote
Vehicles

Proc Folder: 1395147

Doc Description: Less than 30 Ft. Cutaway Bus

Reason for Modification:

addendum no_3
Bid Opening moves to 05/30/2024

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2024-04-25	2024-05-30 13:30	CRFQ 0810 DMT2400000007	4

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: VS0000004719

Vendor Name : Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Address : 1515 State Road PO Box 100

Street :

City : Duncannon

State : PA

Country : USA

Zip : 17020

Principal Contact : David M Clawson, Senior Vice President Sales

Vendor Contact Phone: 540-729-3751

Extension:

FOR INFORMATION CONTACT THE BUYER

John W Estep
304-558-2566
john.w.estep@wv.gov

Vendor
Signature X

FEIN# 23-205997

DATE 5/29/24

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

ADDITIONAL INFORMATION**ADDENDUM NO_3**

Addendum No_3 issued to publish and distribute the attached information to the Vendor Community.

REQUEST FOR QUOTATION:

The West Virginia Purchasing Division is soliciting bids on behalf of the Division of Multimodal Transportation Facilities Division - Public Transit and any other state agency that desires to utilize this contract to establish an open-end contract for <30' cutaway transit vehicle(s) manufactured on a standard cutaway chassis with provision for stand-up entry, a wheelchair lift (in certain vehicle Classes) and tie downs, to provide transportation services in an urban and rural environment, including mountainous terrain and a severe winter climate. Per the Bid Requirements, Specifications, Terms and Conditions attached to this solicitation.

INVOICE TO

PUBLIC TRANSIT DIVISION
OF
BLDG 5 RM 663

1900 KANAWHA BLVD E
CHARLESTON WV
US

SHIP TO

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	Less than 30 ft. Cutaway Buses.	26.00000	EA		

Comm Code	Manufacturer	Specification	Model #
25101502			

Extended Description:

To establish an open ended contract for Less than 30 ft. Cutaway Buses. The vehicles will be utilized to assist public transportation throughout the state. The will be used in urban, sub-urban, and rural areas that includes hilly terrains and varying weather climates. These climates require vehicles that possess stop-start duty cycles.

Federal Terms and Conditions Apply

SCHEDULE OF EVENTS

Line	Event	Event Date
1	Tech Questions due by 10:00am	2024-04-26

SOLICITATION NUMBER: CRFQ DOT2400000007

Addendum Number: 3

The purpose of this addendum is to modify the solicitation identified as CRFQ DOT2400000007 ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

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

Additional Documentation:

Bid Opening Moves to 05/30/2024 at 1:30pm

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.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFO DOT2400000007

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.

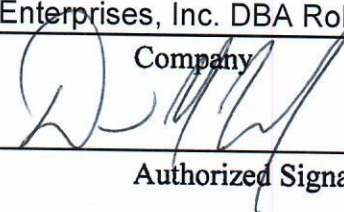
Addendum Numbers Received:

(Check the box next to each addendum received)

<input type="checkbox"/> Addendum No. 1	<input type="checkbox"/> Addendum No. 6
<input type="checkbox"/> Addendum No. 2	<input type="checkbox"/> Addendum No. 7
<input checked="" 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.

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Company


Authorized Signature

5/29/24

Date

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



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

State of West Virginia
Centralized Request for Quote
Vehicles

Proc Folder: 1395147

Doc Description: Less than 30 Ft. Cutaway Bus

Reason for Modification:

Addendum No. 4

Proc Type: Central Master Agreement

Date Issued	Solicitation Closes	Solicitation No	Version
2024-05-09	2024-05-30 13:30	CRFQ 0810 DMT2400000007	5

BID RECEIVING LOCATION

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

VENDOR

Vendor Customer Code: VS0000004719

Vendor Name : Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Address : 1515 State Road PO Box 100

Street :

City : Duncannon

State :PA

Country : USA

Zip : 17020

Principal Contact : David M Clawson, Senior Vice President Sales

Vendor Contact Phone: 800-735-3900/540-729-3751 Extension:

FOR INFORMATION CONTACT THE BUYER

John W Estep
304-558-2566
john.w.estep@wv.gov

Vendor
Signature X

FEIN# 23-205997

DATE 5-28-24

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

ADDITIONAL INFORMATION**ADDENDUM NO. 4**

- 1.To correct errors to specifications, see attached.
- 2.To provide responses to vendor technical questions, see attached.
- 3.To modify specifications, see attached.
- 4.Bid opening date and time remains May 30, 2024, at 1:30 pm., est.
- 5.No other changes.

INVOICE TO

PUBLIC TRANSIT DIVISION
OF
BLDG 5 RM 663

1900 KANAWHA BLVD E
CHARLESTON WV
US

SHIP TO

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	Less than 30 ft. Cutaway Buses.	26.00000	EA		

Comm Code	Manufacturer	Specification	Model #
25101502			

Extended Description:

To establish an open ended contract for Less than 30 ft. Cutaway Buses. The vehicles will be utilized to assist public transportation throughout the state. The will be used in urban, sub-urban, and rural areas that includes hilly terrains and varying weather climates. These climates require vehicles that possess stop-start duty cycles.

Federal Terms and Conditions Apply

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Tech Questions due by 10:00am	2024-04-26

SOLICITATION NUMBER: CRFQ DMT2400000007

Addendum Number: 4

The purpose of this addendum is to modify the solicitation identified as ("DMT2400000007") to reflect the change(s) identified and described below.

Applicable Addendum Category:

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

Description of Modification to Solicitation:

1. To correct errors to specifications, see attached.
2. To provide responses to vendor technical questions, see attached.
3. To modify specifications, see attached.
4. Bid opening date and time remains May 30, 2024, at 1:30 pm., est.
5. No other changes.

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

Terms and Conditions:

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

CRFQ DMT24*07 Vendor Questions and Responses

1. **Section 3.1.3** – One of the floorplans can be built on a 23-foot body. Will you accept a minimum vehicle length of 23 feet?

Yes

2. **Section 3.1.4** – One of the floorplans can be built on a 158in wheelbase. Will you accept a minimum wheelbase of 158 inches?

Yes

3. **Section 3.2.1** – The Ford 7.3L gas engine is 325 horsepower. Will you accept this modification?

Yes

4. **Section 3.5.2** – This option is not available. Both the Chevy and Ford Chassis' have a manual parking brake option. Will you approve the manual parking brake option?

Yes

5. **Section 3.5.5** – This section calls for an F450 chassis. Can you clarify whether you are looking for an E-series or F-series chassis?

E-Series

6. **Section 3.8.7** – Can you clarify if you would like the position of the switches to be located overhead or on a doghouse next to the driver's seat?

Either

7. **Section 3.8.7 (Rear Suspension)** – Will you accept the OEM rear suspension? Can you clarify if you are looking or an upgraded rear suspension such as MORRYDE or if the OEM is suspension is approved?

MORRYDE

8. **Section 3.9.1** – Will you accept 16in wheels as this is standard on both Ford and Chevy chassis'?

Yes

9. **Section 3.10.5** – Will you accept an aftermarket spare tire that is the same size as the standard wheel and tire?

Yes

10. **Section 3.11.2** – For the rear bumper, will you accept the standard rear bumper, or do you require an energy absorbing/help rear bumper?

Yes

11. **Section 3.14.3** – The manufacturer does not offer a galvanized steel cage option. The steel body cage will be aluminized steel with a T-140 coating. Will you accept this modification?

Yes

12. **Section 3.15.2** – Is there a size requirement for the interior decals?

No

13. **Section 3.16.1** – Do you require the bus to be painted white? The bus comes standard OEM white and all exterior parts are finished to match the OEM cab.

White is Preferred.

14. **Section 3.16.2 and Section 3.16.6** – Can you provide additional information as to what you are looking for with regards to paint schemes and graphics? Section 3.16.5 mentions “exhibit C,” however, I do not see an exhibit C attached. Can you share pictures/diagrams of the paint schemes and graphics you need?

Graphics will be agency Specific

15. **Section 3.16.5** – Should the cost of the paint/graphics be included in the vehicle cost for each class of vehicle? Or will this be negotiated with the transit agency directly?

YES, Should be included

16. **Section 3.18.2** – Can you clarify if the ambulatory passenger door should be manually or electrically operated? Section 3.18.6 calls for electric entry door while section 3.18.2 calls for manually operated entry door.

Either is acceptable

17. **Section 3.18.8** – Can you clarify if you want the riser height to be 9inches or 9.25inches? Section 3.18.2 calls for 9.25in while section 3.18.8 calls for 9in riser.

Either is acceptable

18. **Section 3.18.9** – Will you accept the following steel gauges as an approved equal? The header will be 16-gauge steel. The Sides upper and lower will be 14-gauge steel. The steps will be 11-gauge steel.

Yes

19. **Section 3.19.1** – The OEM windshield is glued in place which is standard on the Ford and Chevy chassis. Will you accept this modification?

Yes

20. **Section 3.19.7** – Both the Ford and Chevy chassis have a single piece window that is roll up/roll down style. Will you accept this modification?

Yes

21. **Section 3.20.3** “A screen is to be installed under the defrost vent holes to prevent foreign objects from falling into defroster fan” – This modification would require the OEM dash to be pulled and will void the warranty of the OEM HVAC system. We do not have the ability to remove and replace the OEM dash. Will you accept deletion of this section?

Yes

22. **Section 3.20.5** – Will you accept the TransAir system TA7722 as an approved equal (see attached brochure)?

Yes

23. **Section 3.21.1** – Do you require TWO roof/escape hatches? Or will you accept 1 escape/roof hatch?

No, 1 plus Window

24. **Section 3.23.16** – Will you accept the PTI-LUXX strobe light as an approved equal? (see attached brochure)

Yes

25. **Section 3.23.17** – Will you accept the Maxxima fog lights as an approved equal? (see attached brochure)

Yes

26. **Section 3.24.2** – Do you require a 2-tone flooring for stepwell and walkways?

Yes, easily Visible demarcation.

27. **Section 3.24.11** – Do you require energy absorbing or HELP bumpers (i.e. Romeo Rim or equal) for the rear bumper? Section 3.11.2 calls for the manufacturer standard bumper. Which do you require?

NO

28. Section 3.25.5 – Can you clarify/explain in more detail the locations that you require vertical stanchions?

Behind drivers seat but doesn't interfere with driver seat maneuverability.

29. Section 3.27 – This section states the minimum seating capacity of 23 passengers and 2 wheelchairs. This conflicts with the attached floorplans. Can this be changed/updated to the correct minimum desired amount?

Yes

30. Section 3.27.10 – Can you clarify the location of the ICS seats? Should the two ICS seats be located on the same row?

Specifics for location not required.

31. Section 3.27.11 – Is there a specific driver seat required?

NO

32. Section 3.29.1 – The ROSCO mirror is 8" X 15" standard. Will you accept this approved equal? (see attached brochure)

Yes

33. Section 3.29.4 – Will the driver dome light location in the attached picture work for this? (see attached picture)

Yes

34 Section 3.31.8 – Can you clarify what brand of wheelchair tie downs are required? The spec calls out several brands, however, the "LOCKED" indicator only comes on the Sur-Lok brand.

Brand not required

35 Section 3.38.2 – The Transign Destinator Series comes in the following dimensions: 12 X 112 (front) and 12 X 80 (side). Will you accept this modification?

Yes

36 Section 3.38.7 – The manufacturer standard location for the license plate is built into the rear cap, not the rear bumper. Will you accept this modification? (see attached picture)

Yes

37 Section 4.1 – “Lower Step to Ground Not More than 12in.” Section 3.18.2 states a 14in ground to first step height. Can you clarify which is required?

Should be less than 14 inch.

38 Class A Floorplan – Are foldable seats required for wheelchair positions in Class? If so, how many are required?

Yes 1

39 Class B Floorplan – Are foldable seats required in the wheelchair area for class B? If so, how many are required?

Yes 1

40 Class C Floorplan – Are foldable seats required in the wheelchair area for class C? Is so, how many are required?

Yes 1

41 Class C Floorplan – Is a luggage area a requirement for class C?

NO

42 Class D Floorplan – Is a luggage area a requirement for class D?

NO

43. Class E Floorplan – Is a luggage area a requirement for class E?

NO

44. Page 5, Chassis 3.1.3. Will you accept a body length 23'-29.5"

Yes.

45. Page 5, Chassis 3.1.4. With above body length, wheelbase to be a minimum of 158" to 212"-

Yes.

46. Page 9. Request on E-450 Chassis Approved equal - Wheels 3.9.1 16" x 6.5 bolt pattern, 8 lug, tire size 275 x 16.-

Yes

47. Page 13, Body 3.14.3. Please provide clarification that Galvanized steel cage does not need anti corrosion treatment.-

It does not need anti corrosion treatment.

48. Page 14. Body 3.14.7. Approved equal: Interior and Exterior panels are fastened to a steel cage using a high strength automotive adhesive material. The industry has moved away from welding or riveted exterior and interior panels.-

That is acceptable.

49. Page 14. Body 3.14.12. Bidder is requesting that the requirement for skirts be eliminated. Our OEM side exterior side wall does not include a skirt.-

Page 18. Doors 3.18.2.

a) Bidder is requesting 36" entry door with 33" clear opening.

b) Door will be an electric gear driven as in 3.18.6.

c) Door height to be minimum 78".

d) Riser height 9.5"

That is acceptable.

50. Page 20. Heating and AC. 3.20.3. Will a driver's fan pointed toward the right side driver's compartment window for defrosting proposes be acceptable?-

Yes.

51. 3.1.3 CHASSIS PLEASE ACCEPT THAT THE CLASS A VEHICLE CAN BE BUILT ON A 23.5' LONG BUS-

We Accept.

52. 3.1.4 CHASSIS PLEASE APPROVE A MINIMUM WHEELBASE RANGE OF 158". THIS IS A STANDARD FORD WHEELBASE FOR BUSES <30' AND REQUIRED FOR FLOOR PLAN CLASS

We accept.

53. 3.2.1 ENGINE PLEASE ACCEPT THAT THE FORD 7.3L ENGINE HAS A HORSEPOWER OF 325-

We accept.

54. 3.5.2 TRANSMISSION PLEASE DELETE THE REQUIREMENT THAT THE PARKING BRAKE AUTOMATICALLY ENGAGE WHEN THE TRANSMISSION IS PLACED IN PARK. THIS IS NOT AVAILABLE ON FORD E SERIES CHASSIS AND CHEVY 4500 CHASSIS AND THERE IS NO AFTERMARKET OPTION AVAILABLE-

We will delete that requirement.

55. 3.5.5 TRANSMISSION, ALSO 4.1 AND 4.1.1 THESE ITEMS REFERS TO THE F450 CHASSIS. PLEASE CLARIFY THAT THEY SHOULD REFER TO AN E450 CHASSIS TO MEET THE REMAINDER OF THE CHASSIS SPECIFICATIONS-

Yes, it should refer to a E450 Chasis.

- 56 3.9.1 WHEELS PLEASE DELETE THE REQUIREMENT FOR 19.5" WHEELS AS THEY ARE NOT AVAILABLE ON THE FORD E SERIES CHASSIS AND CHEVY 4500 CHASSIS WHICH ONLY HAVE 16".-

We will delete that requirement.

- 57 3.12.1 ELECTRICAL Please accept that all wiring schematic on a flash drive, in lieu of paper copies, as an approved equal.-

We accept.

58. 3.14 BODY PLEASE APPROVE THE BODY CONSTRUCTION METHODS AND MATERIALS OUTLINED IN THE PROVIDED DOCUMENT TITLED 3.14 BODY CONSTRUCTION WHICH UTILIZED ALUMINIZED STEEL CAGE. THE CONSTRUCTION DETAILED IN THE SPECIFICATIONS ARE PROPRIATARY TO ONE MANUFACTURER AND WILL EXCLUDE ALL OTHER BIDDERS.-

We accept.

59. 3.16.1 EXTERIOR PAINT PLEASE ACCEPT THAT THE EXTERIOR OF THE BUS WILL NOT BE PAINTED WHITE UPON COMPLETION AS EACH COMPONENT ON THE EXTERIOR IS PRE-TREATED TO BE WHITE TO MATCH THE CHASSIS CAB-

We approve.

60. 3.16.2 EXTERIOR PAINT IT IS UNCLEAR WHAT, IF ANY, PAINT AND GRAPHICS ARE TO BE INCLUDED IN THE PRICE FOR EACH CLASS OF BUS. AND ADD THAT TO THE PRICE FOR EACH BUS? THAT DOES NOT APPEAR TO BE TO THE STATE'S ADVANTAGE FINANCIALLY. SINCE THE SPECIFICATION DESCRIBE THREE DIFFERENT SCENARIOS, WE SUGGEST YOU CLARIFY THAT THE BASE BUS DOES NOT INCLUDE ANY PAINT OR GRAPHICS AND ADD TWO OPTIONS TO EXHIBIT A PRICING PAGE. (1) TO INCLUDE LOGOS AND A MID BODY VINYL STRIPE ON BOTH SIDEWALLS AS WELL AS PAINTED SKIRTS. (2) TO INCLUDE 3/4 EXPANDED GRAPHICS OR FULL PAINT PACKAGE. SEE ATTACHED EXAMPLE OF REVISED EXHIBIT A PRICING PAGE.-

We only want the vehicles painted white. We will delete the graphics option from the pricing sheet.

61. 3.16.5 EXTERIOR PAINT SPECIFICATION REFERS TO EXHIBIT C FOR EXAMPLES OF PAINT INFORMATION AVAILABLE FOR PAINT AND GRAPHICS SCHEMES. –

We only want white.

62. 3.16.7 DECALS PLEASE ACCEPT THAT ALL DECALS WILL NOT BE 1.25" TALL LETTERS AND –

We only want white vehicles.

63. 3.18.2 AND 3.18.6 DOOR PLEASE CLARIFY IF AMBULATORY ENTRY DOOR IS TO BE MANUAL OR ELECTRIC OPERATED. SPEC CALLS OUT BOTH-

We want electric operated.

64. 3.18.2 DOOR PLEASE ACCEPT AN OVERALL CLEAR WIDTH OF 29-30 INCHES FOR THE ENTRY DOOR. THIS IS WHAT IS SHOWN ON THE FLOOR PLAN EXAMPLES INCLUDED IN YOUR SPECIFICATIONS-

We accept.

65. 3.18.9 DOORS PLEASE ACCEPT THE MANUFACTURER'S STANDARD DOOR CONSTRUCTION WHICH IS:

Header 16ga steel.

Sides upper and lower 14ga steel.

Steps 11ga steel.

We accept.

66. 3.19.1 WINDOWS/GLAZING PLEASE ACCEPT THE OEM STANDARD WINDSHIELD WHICH IS ONE PIECES AND IS GLUED IN PLACE. THIS IS THE ONLY WINDSHIELD AVAILABLE-

We accept.

67. 3.20.3 HEATING AND AIR CONDITIONING PLEASE ACCEPT THAT THE OEM DASH DOES NOT HAVE A SCREEN BELOW THE VENTS AND THE BUS MANUFACTURER CAN'T ADD A SCREEN WITHOUT REMOVING THE OEM DASH WHICH THEY ARE NOT PERMITTED TO DO BY FORD-

We accept.

68. 3.20.5 HEATING AND AIR CONDITIONING PLEASE ACCEPT TRANS AIR A/C SYSTEM AS AN APPROVED EQUAL TO THE BRAND NAME CALLED OUT IN THE SPEC. DETAILS OF THE PROPOSED SYSTEM ARE PROVIDED IN THE DOCUMENT TITLED 3.20.5 AIR CONDITIONING-

We accept.

- 69 3.23.18 EXTERIOR LIGHTING PLEASE REMOVE THE REQUIRMENT TO USE TRUCK-LITE EXTERIOR LIGHT FIXTURE EXCLUSIVELY AS THIS WILL LIMIT THE COMPETITIVE BIDDING. MOST BUS MANUFACTURERS USE MORE THAN ONE BRAND NAME FOR EXTERIOR LIGHTS DEPENDING ON WHICH ONES ARE BEST SUITED FOR EACH PURPOSE-

We remove the requirement.

- 70 3.24.2 FLOOR AND FLOOR COVERING PLEASE ACCEPT THE FOLLOWING FLOOR COVERING. ENTIRE FLOOR INCLUDING STEP TREADS, STEP RISERS, VESTIBULE, AISLE AND UNDER SEATS WILL BE BLUE GERFLOR NON-SKID COVERING. STEP TREADS AND STANDEE LINE WILL BE YELLOW.-

We accept the floor covering.

- 71 3.24.2 FLOOR AND FLOOR COVERING PLEASE ACCEPT THE MANUFACTURER'S STANDARD FLOOR COVERING WHICH IS GERFLOR BLACK. THIS WILL CONTRAST WELL WITH A LIGHT GRAY SEAT COLOR.—

We accept the floor covering.

- 72 3.11.2 AND 3.24.11 BUMPER SPECIFICATION CALLS FOR BOTH THE OEM REAR BUMPER AND A ROMEO RIM TYPE AFTERMARKET REAR BUMPER. WHICH ONE IS CORRECT?

The OEM rear bumper.

- 73 3.27 SEATING THE FIRST ITEM IN THIS SECTION CALLS A MINIMUM OF 23 SEATS. THIS IS NOT WHAT THE SAMPLE FLOOR PLANS SHOW. PLEASE REMOVE THIS PORTION OF THE SPEC IF IT IS NOT CORRECT-

22 is acceptable.

3.27.10 SEATING DOES THIS SECTION CALL FOR DOUBLE SEAT WITH ONE CHILD RESTRAINT POSITION OR A DOUBLE SEAT WITH TWO CHILD RESTRAINT POSITIONS-

2 child restraint positions.

3.38.7 FIXED ROUTE PACKAGE PLEASE ACCEPT THAT ON THE TYPE OF BUS BEING PURCHASED, THE LICENSE PLATE BRACKET IS ON THE REAR WALL, NOT ON THE BUMPER. BRACKET WILL BE PROVIDED-

We accept that type.

Section 3.1.3 – One of the floorplans can be built on a 23-foot body. Will you accept a minimum vehicle length of 23 feet?

Yes.

2. Section 3.1.4 – One of the floorplans can be built on a 158in wheelbase. Will you accept a minimum wheelbase of 158 inches?

Yes.

3. Section 3.2.1 – The Ford 7.3L gas engine is 325 horsepower. Will you accept this modification?

Yes.

4. Section 3.5.2 – This option is not available. Both the Chevy and Ford Chassis' have a manual parking brake option. Will you approve the manual parking brake option?

Yes.

5. Section 3.5.5 – This section calls for an F450 chassis. Can you clarify whether you are looking for an E-series or F-series chassis?

E-Series.

6. Section 3.8.7 – Can you clarify if you would like the position of the switches to be located overhead or on a doghouse next to the driver's seat?-

Either is acceptable.

7. Section 3.8.7 (Rear Suspension) – Will you accept the OEM rear suspension? Can you clarify if you are looking for an upgraded rear suspension such as MORRYDE or if the OEM suspension is approved?-

MORRYDE.

8. Section 3.9.1 – Will you accept 16in wheels as this is standard on both Ford and Chevy chassis?-

Yes.

9. Section 3.10.5 – Will you accept an aftermarket spare tire that is the same size as the standard wheel and tire?-

Yes.

10. Section 3.11.2 – For the rear bumper, will you accept the standard rear bumper, or do you require an energy absorbing/rear bumper?

Yes.

11. Section 3.14.3 – The manufacturer does not offer a galvanized steel cage option. The steel body cage will be aluminized steel with a T-140 coating. Will you accept this modification?

Yes.

12. Section 3.15.2 – Is there a size requirement for the interior decals?

No. We want the vehicles painted white.

13. Section 3.16.1 – Do you require the bus to be painted white? The bus comes standard OEM white and all exterior parts are finished to match the OEM cab.-

Standard OEM White is acceptable.

14. Section 3.16.2 and Section 3.16.6 – Can you provide additional information as to what you are looking for with regards to paint schemes and graphics? Section 3.16.5 mentions “exhibit C,” however, I do not see an exhibit C attached. Can you share pictures/diagrams of the paint schemes and graphics you need?

We only want the vehicles painted white.

15. Section 3.16.5 – Should the cost of the paint/graphics be included in the vehicle cost for each class of vehicle? Or will this be negotiated with the transit agency directly?

The vehicles will only be painted white.

16. Section 3.18.2 – Can you clarify if the ambulatory passenger door should be manually or electrically operated? Section 3.18.6 calls for electric entry door while section 3.18.2 calls for manually operated entry door.-

Either is acceptable.

17. Section 3.18.8 – Can you clarify if you want the riser height to be 9inches or 9.25inches? Section 3.18.2 calls for 9.25in while section 3.18.8 calls for 9in riser.-

Either is acceptable.

18. Section 3.18.9 – Will you accept the following steel gauges as an approved equal? The header will be 16-gauge steel. The Sides upper and lower will be 14-gauge steel. The steps will be 11-gauge steel.-

Yes.

19. Section 3.19.1 – The OEM windshield is glued in place which is standard on the Ford and Chevy chassis. Will you accept this modification?

Yes.

20. Section 3.19.7 – Both the Ford and Chevy chassis have a single piece window that is roll up/roll down style. Will you accept this modification?

Yes.

21. Section 3.20.3 “A screen is to be installed under the defrost vent holes to prevent foreign objects from falling into defroster fan” – This modification would require the OEM dash to be pulled and will void the warranty of the OEM HVAC system. We do not have the ability to remove and replace the OEM dash. Will you accept deletion of this section?

Yes.

22. Section 3.20.5 – Will you accept the TransAir system TA7722 as an approved equal (see attached brochure)?

Yes.

23. Section 3.21.1 – Do you require TWO roof/escape hatches? Or will you accept 1 escape/roof hatch?

No, one plus the window.

24. Section 3.23.16 – Will you accept the PTI-LUXX strobe light as an approved equal? (see attached brochure)

Yes.

25. Section 3.23.17

– Will you accept the Maxxima fog lights as an approved equal? (see attached brochure) **Yes.**

26. Section 3.24.2 – Do you require a 2-tone flooring for stepwell and walkways?-

Yes this provides easily visible demarcation.

27. Section 3.24.11 – Do you require energy absorbing or HELP bumpers (i.e. Romeo Rim or equal) for the rear bumper? Section 3.11.2 calls for the manufacturer standard bumper. Which do you require?

No.

28. Section 3.25.5 – Can you clarify/explain in more detail the locations that you require vertical stanchions?-

Behind the driver's seat but it should not interfere with drive seat maneuverability.

29. Section 3.27 – This section states the minimum seating capacity of 23 passengers and 2 wheelchairs. This conflicts with the attached floorplans. Can this be changed/updated to the correct minimum desired amount?-

Yes.

30. Section 3.27.10 – Can you clarify the location of the ICS seats? Should the two ICS seats be located on the same row?-

Specifics for location are not required.

31. Section 3.27.11 – Is there a specific driver seat required?

No.

32. Section 3.29.1 – The ROSCO mirror is 8" X 15" standard. Will you accept this approved equal? (see attached brochure)-

Yes.

33. Section 3.29.4 – Will the driver dome light location in the attached picture work for this?
(see attached picture)-

Yes.

34. Section 3.31.8 – Can you clarify what brand of wheelchair tie downs are required? The spec calls out several brands, however, the “LOCKED” indicator only comes on the Sur-Lok brand.

Brand not required.

35. Section 3.38.2 – The Transign Destinator Series comes in the following dimensions: 12 X 112 (front) and 12 X 80 (side). Will you accept this modification?

Yes.

36. Section 3.38.7 – The manufacturer standard location for the license plate is built into the rear cap, not the rear bumper. Will you accept this modification? (see attached picture)

Yes.

37. Section 4.1 – “Lower Step to Ground Not More than 12in.” Section 3.18.2 states a 14in ground to first step height. Can you clarify which is required?

Should be less than 14 inches.

38. Class A Floorplan – Are foldable seats required for wheelchair positions in Class? If so, how many are required?

Yes, 1.

39. Class B Floorplan – Are foldable seats required in the wheelchair area for class B? If so, how many are required?

Yes, 1.

40. Class C Floorplan – Are foldable seats required in the wheelchair area for class C? Is so, how many are required?-

Yes, 1.

41. Class C Floorplan – Is a luggage area a requirement for class C?

No.

42. Class D Floorplan – Is a luggage area a requirement for class D?

No.

43. Class E Floorplan – Is a luggage area a requirement for class E?

No.

For Class A, Vehicle will require CDL to operate. If Division wants none CDL, recommend deleting both foldaway seats over the wheelchair.

Alternate floorplan available if needed.

Class A-Please provide the floorplan,

We will review the floorplan and add it if necessary.

For Class C, the luggage area is very small. Recommend increasing by 6" and changing lift position to forward just behind entrance steps.

Alternate floorplan available if needed.

Class C-Yes, it may be 6" longer.

For both Class D and E, none of the floorplans meet American's with Disabilities Act Just want the Division to know for FTA reimbursement reasons.

Class D and E Comment-We know it is not ADA compliant, but we would like to have that option regardless.

1. Please require the use of Docket 90 for the vinyl upholstery and have the polyurethane foam completely encapsulated by the vinyl. The correct test is FAR 25.853 not ASTM 162 and there is a smoke test ASTM E-662 to support lower smoke emissions.

We allow but do not require the usage of Docket 90.

2. Please approve the use of DOCKET 90 Vinyl (Attached) for this solicitation.

We approve the usage of Docket 90 Vinyl.

3.24 Floor and Floor Covering-3.24.4-All flooring shall be non-skid RCA Transit Flooring, Altro, or equal. Floor covering to be BLUE and shall contrast with seat cover colors. Vendor shall supply samples of flooring with bid.

Please accept Gerflor Tarabus as an approved equal to the specified RCA and Altro flooring. RCA rubber has been discontinued and is no longer produced. Gerflor's Tarabus flooring was designed and first introduced into the heavy-duty bus market with our 2.25mm thickness. The 2.25 mm, with its 100% pure PVC wear layer, has proven over the years to be very durable in the heavy-duty market. With the success in the heavy-duty market, this has carried over to the shuttle bus market with the 2.25 mm proving to be more than durable enough to last throughout the life cycle of a light and medium duty bus and the 12-year warranty on the Tarabus product line is longer than the average life cycle of a light/medium duty bus. See attached information. –

We accept this as an approved equal.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ ADJ2400000015

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 checked="" type="checkbox"/> Addendum No. 2 | <input type="checkbox"/> Addendum No. 7 |
| <input checked="" type="checkbox"/> Addendum No. 3 | <input type="checkbox"/> Addendum No. 8 |
| <input checked="" 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.

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Company

Authorized Signature

5-28-24

Date

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



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

State of West Virginia
Centralized Request for Quote
Vehicles

Proc Folder: 1395147			Reason for Modification: ADDENDUM NO_5 Vendor Questions and responses
Doc Description: Less than 30 Ft. Cutaway Bus			
Proc Type: Central Master Agreement			
Date Issued	Solicitation Closes	Solicitation No	Version
2024-05-28	2024-05-30 13:30	CRFQ 0810 DMT2400000007	6

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

VENDOR		
Vendor Customer Code: VS0000004719		
Vendor Name : Rohrer Enterprises, Inc. DBA Rohrer Bus Sales		
Address : 1515 State Road PO Box 100		
Street :		
City : Duncannon		
State : PA	Country : USA	Zip : 17020
Principal Contact : David M Clawson, Senior Vice President Sales		
Vendor Contact Phone: 800-735-3900/540-729-3751 Extension:		

FOR INFORMATION CONTACT THE BUYER
John W Estep 304-558-2566 john.w.estep@wv.gov

Vendor Signature X 	FEIN# 23-205997	DATE 5/28/24
---	------------------------	---------------------

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

ADDITIONAL INFORMATION

ADDENDUM NO. 5

Addendum No_5 issued to publish and distribute the attached information to the Vendor Community

INVOICE TOPUBLIC TRANSIT DIVISION
OF
BLDG 5 RM 6631900 KANAWHA BLVD E
CHARLESTON WV
US**SHIP TO**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	Less than 30 ft. Cutaway Buses.	26.00000	EA		

Comm Code**Manufacturer****Specification****Model #**

25101502

Extended Description:

To establish an open ended contract for Less than 30 ft. Cutaway Buses. The vehicles will be utilized to assist public transportation throughout the state. The will be used in urban, sub-urban, and rural areas that includes hilly terrains and varying weather climates. These climates require vehicles that possess stop-start duty cycles.

Federal Terms and Conditions Apply

SCHEDULE OF EVENTS

<u>Line</u>	<u>Event</u>	<u>Event Date</u>
1	Tech Questions due by 10:00am	2024-04-26

SOLICITATION NUMBER: CRFQ DMT2400000007

Addendum Number: 5

The purpose of this addendum is to modify the solicitation identified as CRFQ DMT2400000007 ("Solicitation") to reflect the change(s) identified and described below.

Applicable Addendum Category:

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

Additional Documentation:

Bid Opening remains 05/30/2024 at 1:30pm

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.

1. In reading the specifications and addendum #4 which includes the states responses to the first round of questions, we noticed many irregularities and confusing responses which will prevent all bidders from being on an even playing field. Since the bid will be award to the participant with the lowest price, it is crucial that all bidders understand exactly what the state demands for each Class of vehicle. Also, we think it is in the state's best interest to clearly describe each vehicle Class so that a bidder or bidders cannot take advantage of the irregularities to give themselves a price advantage by leaving items off their quotes.
 - Without being aware of the specific irregularities that are being identified, the Division of Public Transit cannot provide a response. The RFQ has been reviewed by DOT Purchasing personnel and the State of West Virginia's Department of Purchasing personnel and has been deemed acceptable to be posted for the bidding process.
2. The floor plans provided and the text describing the floor plans confuse the issue even further regarding what is and is not required for each bus Class.
 - As quoted from our RFQ, floor plans are for illustrative purposes only, and they are not exact descriptions of the configurations.
3. Bidders still do not have enough information to properly quote the optional paint and vinyl graphics.
 - We want the vehicles painted an approved version of white.
4. Items were left out of the specifications that we feel the state actually wants on their cutaway buses such as a driver running board and passenger seat belt extensions, etc.
 - We would like to have an OEM, industry standard driver running boards and OEM seat belt extensions added to the buses.

Please consider moving the opening date for the bid out so that you can schedule a due date in the near future for a second round of questions and clarifications so that these matters can be addressed.

- We do not want to delay the process further, we plan to keep to the same due date, May 30th.

I have reviewed the responses to the questions submitted, however, I am requesting some clarification with regards to the graphics and paint schemes for the bid. The response to the question below reads that the vendor is responsible for the graphics and paint schemes on the vehicles and this cost should be included in the cost of the vehicle.

However, later in the document the response to a similar question state that the vehicles “only be painted white.”

- Can you please clarify if the vendors are responsible for completing the specific agencies graphics/paint scheme OR should the vehicle remain white? If we are to complete the paint scheme/graphics, should we include this cost into the vehicle price for each class?
 - We only want the vehicles painted an approved color of white.
- Can you please clarify if you would like for us to have the exterior decals listed in section 3.16.7 installed on the vehicle? The response to the question below reads that you do not need the exterior decals.
 - We would like the vehicles painted white; we do not need the exterior decals installed on the vehicles.
- Can you please clarify if the two-tone flooring in section 3.24.2 is required? One question in addendum 4 states that two-tone flooring is required while another question accepts solid blue or black flooring.
 - We only need the two-tone flooring on the steps for safety purposes. The other sections of the buses do not need to have two tones.
- Can you clarify if a rear emergency door is required for Classes A, B,C,D and E? The bid mentions a rear emergency door (section 3.23.7) and is shown in the floorplans.
 - Yes, we would like to have emergency rear doors installed on the buses for safety purposes.

In reference to

CRFQ 0810 DMT2400000007

A few questions and request for equals:

Page 5, Chassis 3.1.3. Will you accept body length 23'-29.5"-

- Yes this is acceptable.

Page 5, Chassis 3.1.4. With above body length, wheelbase to be a minimum of 158" to 212"-

- Yes this is acceptable.

Page 9. Request for E-450 Chassis Approved equal - Wheels 3.9.1 16" x 6.5 bolt patten, 8 lug, tire size 275 x 16.-

- Yes this is acceptable.

Page 13, Body 3.14.3. Please provide clarification that Galvanized steel in cage does not need anticorrosion treatment. –

- It does not need anticorrosion treatment.

Page 14. Body 3.14.7. Approved equal: Interior and Exterior panels are fastened to steel cage using a high strength automotive adhesive material.

The industry has moved away from welding or riveted exterior and interior panels.

- Yes, this is acceptable.

Page 14. Body 3.14.12. The bidder is requesting that the requirement for skirts is eliminated. Our OEM side exterior side wall does not include a skirt. –

- This is acceptable.

Page 18. Doors 3.18.2. a) Bidder is requesting 36" entry door with 33" clear opening. - This is acceptable.

b) Door will be an electric gear driven as in 3.18.6.-

- This is acceptable.

c) Door height to be minimum 78". –

- This is acceptable.

d) Riser height 9.5". –

- This is acceptable.

Page 20. Heating and AC. 3.20.3. Will a driver's fan pointing toward right side driver's compartment window for defrosting purposes be acceptable? –

- Yes this is acceptable, as long as the compartment window is defrosted in a reasonable time frame.

ADDENDUM ACKNOWLEDGEMENT FORM
SOLICITATION NO.: CRFQ DMT2400000007

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(Check the box next to each addendum received)

- | | |
|--|--|
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| <input type="checkbox"/> Addendum No. 4 | <input type="checkbox"/> Addendum No. 9 |
| <input checked="" 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.

Rohrer Enterprises, Inc. DBA Rohrer Bus Sales

Company

Authorized Signature

5/28/24

Date

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

As requested, a list of five (5) users names, addresses, emails and telephone numbers who have been provided similar equipment

REFERENCE #1: Pennsylvania Department of General Services

Rohrer Bus Sales has held the state contract for Pennsylvania since 2007 and currently holds a contract. This contract contains shuttle bus products from 21' – 31' in length and includes Ford, Chevrolet and Freightliner chassis. This contract also includes wheelchair minivan conversions. We used a senior manager in PennDOT as our reference

Contact: John Levitsky, Program Manager
Department of General Services
Bureau of Procurement
555 Walnut Street, 6th Floor Forum Place
Harrisburg, PA 17101
717-787-1206
jlevitsky@pa.gov

REFERENCE #2 - UPMC

Operates a fleet of 60+ shuttle buses including passenger and paratransit conversions. They typically complete CNG conversions on their buses.

Contact: Tom Abel, Fleet Manager.
UPMC International Limousine Service
1920 Forbes Ave
Pittsburgh, PA
412-906-1294
abelt@upmc.edu

REFERENCE #3 - Harrisburg International Airport

For over twenty years, Rohrer Bus Sales has provided Ford and Chevrolet cutaways, Freightliner M2, rear engine and low floor buses to HIA.

Contact: Robert Gardner, Vehicle Maintenance Supervisor
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717-948-3900
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