

RFP 16-011
MOBILITY VAN SPECIFICATIONS, TERMS, AND CONDITIONS
ATTACHMENT I

Respondent's Name:

MIDWST TRANSIT EQUIPMENT INC.

1. Overview

1.1. Introduction

This Attachment provides the specifications, terms, and conditions for the three types of Mobility Vans covered by the RFP. Respondents must be aware that Mobility Vans have additional federally-driven contract terms and conditions. Due to federal funding guidelines, should any of the State's terms and conditions conflict with Federal terms and conditions (as listed in this Attachment), the Federal terms and conditions will prevail.

The vehicles are to meet or exceed all federal safety standards (FMVSS) requirements including, but not restricted to, seats and attachments, bolts, wiring, flammability, structural integrity and all components.

The successful Respondent shall provide a complete operating vehicle and the vehicle shall, at a minimum, conform in strength, quality of material, and workmanship to what is provided by the automotive industry generally. The vehicle provided shall be a new, latest current model vehicle, incorporating the latest engineering changes. All parts necessary to provide the vehicle shall be included and all parts shall be new. A chassis that has been stored for an excessive period of time in a depot, supply center or other area exposed to the weather, shall not be provided. The vehicle shall conform in all respects to the applicable Motor Vehicle Laws of the State of Indiana and to Title 49, Code of Federal Regulations, Part 38, Subparts A and B.

Vehicle specifications are detailed in Appendices A1, A2, and A3 of this Attachment. The Respondent shall describe the vehicle and equipment proposed to be furnished as part of the proposal.

Per RFP Section 1.4.4, the Contractor shall use commercially reasonable best efforts to maintain a Fill Rate of 100% delivery of new vehicles within the maximum delivery date range of 120 calendar days from Order Confirmation Date, or a date mutually agreed upon by the Requesting Entity and the Contractor.

NOTE: Proper evaluation of your RFP proposal can be made only if the Respondent provides all information requested.

1.2. Overview of the Mobility Vans Types

1.2.1 Low Floor Minivan

This item shall be a passenger transportation vehicle that is a minivan which has been modified or converted to provide additional interior headroom and clearances and improved passenger accessibility. The vehicle shall be equipped with all of the vehicle manufacturer's standard equipment (or manufacturer's better optional equipment), where possible.

Examples of this vehicle are any of the following or its current model year equivalent: El Dorado Amerivan, Braun Entervan, or VMI conversions. Vehicles similar to these listed, by any manufacturer, meeting the basic specifications in Appendix A1 will receive equal consideration

The preceding examples are listed for the sole purpose of demonstrating the type of vehicle desired by these specifications. Prior approval of these vehicles is not to be assumed by any Respondent nor is it to be assumed that similar vehicles by these or other manufacturers will have automatic prior approval. Vehicles similar to those listed above, by any manufacturer, meeting the basic specifications will receive equal consideration.

The Requesting Entity reserves the right to inspect the first vehicle, or any subsequent vehicle or vehicles, produced in conformation with these specifications by any manufacturer and intended for delivery to the specified recipient agency.

The inspection may be performed at the place of manufacture (or conversion) or at any stage of construction, if the Requesting Entity desires to exercise this option, or may be performed at the Respondent's place of business, or at a mutually agreed upon site. The Respondent and/or manufacturer shall give all needed assistance to the Requesting Entity's personnel in the performance of this inspection.

The inspection, if made, will be in detail by the Requesting Entity's personnel and may involve modifications, additions, and/or deletions to the vehicle and all other like vehicles for the purposes of complying with the specifications, before the vehicle(s) will be accepted and payment authorized. Also, any delivered vehicle not conforming to the specifications can be rejected and major corrections required, or the production of a new vehicle meeting the specifications may be required.

Pre-Delivery Servicing

The vehicle and the additional equipment furnished with the vehicle shall be completely serviced and conditioned prior to delivery. All equipment shall be completely installed and all adjustments shall be made that are required to prepare the vehicle and its additional equipment for immediate and continuous operation upon delivery. Pre-delivery servicing shall include as a minimum the following:

- a. Focus lights.
- b. Tune engine.
- c. Check electrical, braking and suspension system.
- d. Charge battery.
- e. Align front end.
- f. Balance all wheels (spin balance).
- g. The cooling system shall be protected with permanent type anti-freeze and summer coolant to twenty-five degrees below zero Fahrenheit.
- h. Service windshield washer reservoir with water and appropriate additives or with windshield washer fluid.
- I. Complete lubrication.
- j. Fill crankcase with oil.
- k. Fuel tank must contain at least 3 gallons of fuel when delivered.
- l. Wash and clean interior and exterior of vehicle.

It is the responsibility of the Respondent to supply the basic minivan and modify it in accordance with these specifications. The modification shall consist of the following:

- 1) Removal of the standard production minivan floor and lowering of same to increase the interior headroom. Also, reinforcement of the body frame as appropriate, including any roof extension needed to meet entryway specifications.
- 2) Installation of insulation, floor covering, interior fixtures and finishings.
- 3) At a minimum, seat three (3) ambulatory passengers (excluding driver). The vehicle shall contain a removable (quick release) front passenger seat to increase the seating capacity to four (4) ambulatory passengers.
- 4) Installation of a securement system and occupant restraint system for mobility aid users.
- 5) Installation of a manual ramp in the passenger entrance way. The ramp shall allow for easy boarding of persons in mobility aids and ambulatory persons.
- 6) Installation of extended passenger door as necessary to accommodate the ramp.
- 7) Other modifications called for in these specifications, as well as any and all modifications required to provide a complete functioning vehicle.

1.2.2. Small Transit Vehicle

This vehicle shall be a vehicle suitable for social service agency transportation. The intent of the specifications in Appendix A2 is to obtain a vehicle that is not a school bus or a modified version of a school bus. Small buses, modified or unmodified, of a bus manufacturer's school bus line, such as the Blue Bird "Microbird", Thomas "Minotour", or similar buses of these or other manufacturers, are not acceptable. Examples of the type of vehicle desired are:

- 1) Startrans Candidate; manufactured by Forest River
- 2) Crusader; manufactured by Champion Bus
- 3) Terra Transit; manufactured by Turtle Top
- 4) Pacer II, Goshen Coach
- 5) EC I, Elkhart Coach

The preceding examples are listed for the sole purpose of demonstrating the type of vehicle desired by these specifications. Prior approval of these vehicles is not to be assumed by any Respondent nor is it to be assumed that similar vehicles by these or other manufacturers will have automatic prior approval. Vehicles similar to those listed above, by any manufacturer, meeting the basic specifications will receive equal consideration.

The Requesting Entity reserves the right to inspect the first vehicle, or any subsequent vehicle or vehicles, produced in conformation with these specifications by any manufacturer and intended for delivery to the specified recipient agency.

The inspection may be performed at the place of manufacture (or conversion) or at any stage of construction, if the Requesting Entity desires to exercise this option, or may be performed at the Respondent's place of business, or at a mutually agreed upon site. The Respondent and/or manufacturer shall give all needed assistance to the Requesting Entity's personnel in the performance of this inspection.

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Pre-Delivery Servicing

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- a. Focus lights.
- b. Tune engine.
- c. Check electrical, braking and suspension system.
- d. Charge battery.
- e. Align front end.
- f. Balance all wheels (spin balance).
- g. The cooling system shall be protected with permanent type anti-freeze and summer coolant to twenty-five degrees below zero Fahrenheit.
- h. Service windshield washer reservoir with water and appropriate additives or with windshield washer fluid.
- i. Complete lubrication.
- j. Fill crankcase with oil.
- k. Fuel tank must contain at least 3 gallons of fuel when delivered.
- l. Wash and clean interior and exterior of vehicle.

1.2.3. Large Transit Vehicle

This vehicle shall be a vehicle suitable for social service agency transportation. The intent of these specifications in Appendix A3 is to obtain a vehicle that is not a school bus or a modified version of a school bus. Small buses, modified or unmodified, of a bus manufacturer's school bus line, such as the Blue Bird "Microbird", Thomas "Minotour", or similar buses of these or other manufacturers, are not acceptable. Examples of the type of vehicle desired are:

- 1) Startrans Senator
- 2) Challenger; manufactured by Champion Bus
- 3) Terra Transit; manufactured by Turtle Top
- 4) Pacer GC II, Goshen Coach
- 5) ECI and II, Elkhart Coach

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- a. Focus lights.
- b. Tune engine.
- c. Check electrical, braking and suspension system.
- d. Charge battery.
- e. Align front end.
- f. Balance all wheels (spin balance).
- g. The cooling system shall be protected with permanent type anti-freeze and summer coolant to twenty-five degrees below zero Fahrenheit.
- h. Service windshield washer reservoir with water and appropriate additives or with windshield washer fluid.
- i. Complete lubrication.
- j. Fill crankcase with oil.
- k. Fuel tank must contain at least 3 gallons of fuel when delivered.
- l. Wash and clean interior and exterior of vehicle.

1.3. Volumes

Quantities to be purchased have been estimated. These numbers may fluctuate up or down and the State is not in a position to guarantee that future purchasing will be at these levels.

- a. Low Floor Minivan: Estimated seventy (70) per year, with an option to purchase up to fifty (50) additional per year for an estimated total of one hundred twenty (120) vehicles per year
- b. Small Transit Vehicle: Estimated fifty (50) per year, with an option to purchase up to twenty (20) additional (per year) for an estimated total of seventy (70) vehicles per year
- c. Large Transit Vehicle: Estimated fifty (50) per year, with an option to purchase up to twenty (20) additional (per year) for an estimated total of seventy (70) vehicles per year

2. Requested Information

2.1. Specification Compliance Checklist - Low Floor Minivan

In the yellow shaded boxes, please confirm the Respondent meets each Vehicle Specification by adding a “Yes” or “No”, unless otherwise specified. Please refer to Section 1.6.1 of the RFP for how to submit questions or concerns about any of the specifications, or to request an exception to the specifications.

The fact that every item constituting the construction of the unit is not specifically mentioned nor described will be interpreted to mean that the Respondent shall install items that conform to the **best known engineering standards of the trade, relative to design, strength, quality, and workmanship**. Furthermore, each unit is to be delivered fully equipped, with all manufacturer's standard equipment and accessories, unless otherwise requested. This equipment must meet the latest federal safety regulations.

Please note that Tab D of the Cost Proposal contains additional optional equipment for which the Respondent must provide a cost addition or reduction.

BRAUN ENTERVAN

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
Removal of the standard factory production minivan floor and lowering of same to increase the interior headroom. Also, reinforcement of the body frame as appropriate.	YES
<u>GENERAL DESCRIPTION OF VEHICLE</u>	
Installation of insulation, floor covering, interior fixtures and finishings.	YES
The vehicle shall at a minimum, seat three (3) ambulatory passengers (excluding the driver). The front passenger seat shall be removable so the vehicle can accommodate two (2) wheelchair or other mobility aid passengers and three (3) ambulatory passengers (see attached floor plans in Section 3.1 of this Attachment). An option to provide a convertible two-passenger center bench seat may be chosen to increase the seating capacity to six (6) ambulatory passengers.	YES
Installation of a securement system and occupant restraint system for mobility aid users.	YES
Installation of a manual swing-away ramp in the passenger entrance way. The ramp shall allow for easy boarding of persons in mobility aids and “swing-away” for boarding of ambulatory persons.	YES
Installation of extended passenger door as necessary to accommodate the ramp.	YES
Other modifications called for in these specifications, as well as any and all modifications required to provide a complete functioning vehicle	YES
<u>BASIC VEHICLE</u> <i>The basic vehicle shall be provided with the following factory-installed (except where noted) equipment</i>	
Minimum G.V.W.R. of 6,050 pounds with manufacturer’s heaviest duty suspension, minimum wheelbase of 121 inches, minimum overall length of 200 inches, and a minimum overall width of 76 inches.	YES
Six cylinder gasoline engine with a minimum displacement of 3.3 liters.	YES
6 speed w/overdrive automatic transmission.	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
Factory Anti-Lock Brake System (ABS).	YES
Power steering, including a tilt steering wheel and cruise control.	YES
Maximum (heavy duty) cooling system.	YES
Total battery capacity of at least 600 cca (cranking performance amperes at 0 degrees Fahrenheit). The capacity (in cca's) must be stated in the proposal.	Battery Capacity: _ 730 _____
Alternator or generator with a minimum capacity of 160 amps. The capacity (in amps) must be stated in the proposal.	Alternator Capacity: _ 160 _____
Fuel tank – Minimum capacity of 20 gallons. The actual capacity (in gallons) must be stated in the proposal.	Fuel Tank Capacity: _ 20 _____
Oil pressure, temperature, ammeter or voltmeter gauges or warning lights.	YES
12 volt power outlet.	YES
Dual adjustable outside mirrors.	YES
Windows all around (i.e. all factory available windows in body side, side doors and rear).	YES
Tinted glass in windshield and all windows.	YES
High output front heater.	YES
Front and rear bumpers.	YES
Insulated headliner for the full length of the driver and passenger compartments.	YES
Insulated sidewalls finished with the minivan manufacturer's standard, or equivalent, covering. Interior of all doors shall be covered by manufacturer's standard, or equivalent trim panels and insulated. Also, factory standard, or equivalent, window moldings shall be provided. Carpeting is not allowed in the vehicle interior, unless prior approval is obtained from INDOT.	YES
Pads or strips of slip resistant material in step sills at all passenger doors and driver's door. Pads or strips may be non-factory installed.	YES
Two speed windshield wipers with intermittent feature.	YES
Heater and defroster, including rear window defroster and rear heater.	YES
Rear window washer/wiper.	YES
OEM AM/FM radio with CD/MP3 and factory installed speakers.	YES
Air conditioning, front and rear.	YES
Driver's side and front passenger airbags.	YES
Chassis must be equipped with (SER) Load Leveling and Height Control and Electronic Stability Control (FMVSS 126).	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
Alarm to sound automatically when the vehicle is placed in reverse. The back-up alarm shall be frame mounted toward the rearmost part of the vehicle and protected from water and road spray.	YES
<u>RUSTPROOFING</u>	
The vehicle shall be furnished with the standard rustproofing available from the van manufacturer. All extended wheelchair access and entryway door panels shall be rustproofed in a manner equal to or greater than the rustproofing provided by the van manufacturer.	YES
<u>UNDERCOATING</u>	
All exposed floor attachment seams shall be sealed with a high rated butyl caulk or equivalent. The entire surface of exterior lowered floor shall have a rust inhibiting coating, such as an epoxy primer base, applied to cover all welded areas, and then a fresh application of undercoating over the entire surface. Undercoating shall comply with current Federal and State flammability standards.	YES
<u>STRUCTURAL INTEGRITY</u>	
The floor and other modifications to the vehicle shall be done in a manner such that the structural integrity of the vehicle is not degraded. The body including the roof shall be of sufficient strength to support the entire weight of the fully loaded vehicle on its top or side if overturned.	YES
<u>FLOOR</u>	
<i>Sub Floor:</i> The interior floor shall be insulated with 3/8" marine grade plywood to provide a smooth surface for flooring attachment and to minimize interior noise.	YES
<i>Floor Assembly:</i> The lowered floor skin shall be constructed of 16 ga. aluminized steel. The frame rails shall be made of 14 ga. formed channels; the floor shall be reinforced with 16 ga. formed channel cross ribs. The floor shall be lowered from the front firewall to just before the rear axle. The width of the floor shall extend from side doorsill to side doorsill. Mobility aid restraint tracks and seat locks shall be beveled, with no sharp edges and will protrude no more than 1/4" above floor surface.	YES
The entire floor and modification shall be sealed to prevent any water or air leakage.	YES
Manufacturer shall ensure that all components attached to the undercarriage (or other major components) under the vehicle are securely attached and have a minimum of five (5) inches of ground clearance from the roadway when loaded with 1100 lbs. maximum. If the exhaust system has been relocated, it shall be properly attached and not under tension. A heat shield shall be installed in any area where the exhaust pipe is within six (6) inches or less of the gasoline tank.	YES
Other methods of floor construction will be considered if prior approval is obtained from INDOT.	YES
<u>FLOOR COVERING</u>	
The floor shall be covered with a slip retardant sheet flooring consisting of a vinyl composition with a raised disc pattern , similar to Altro flooring, or approved equal. It shall be permanently bonded to the floor with adhesive of waterproof type. All edges of the floor covering are to be properly sealed to prevent entrance of moisture that could cause bulging, ply separation, and/or	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
material failure. All joints in the floor covering shall be the butt type and floor covering shall be cemented to the floor to prevent bubbles or blisters which could create a safety hazard.	
The floor covering shall be at least 2.2 millimeters thick overall gauge.	YES
All portions of the floor covering shall be of the same material and color including the floor area under and adjacent to the driver's seat, unless prior approval for an alternative is obtained from INDOT.	YES
<u>INSULATION</u>	
The vehicle shall contain OEM standard insulation in the roof and all body panels, including the extended door, to deaden sound, and reduce vibrations and heat transfers.	YES
<u>DOORS</u>	
<i>Driver's and Right Front Passenger Doors:</i> No modifications are required on these doors.	YES
Pads or strips of slip-resistant material shall be installed in the step sill. The armrest normally attached to these doors shall be retained.	YES
Only the driver's door shall be lockable by key from the exterior.	YES
<i>Wheelchair Access/Sliding Passenger Door:</i> The wheelchair access/sliding passenger door shall be modified to accommodate the swing-away ramp and the lowered floor. The modification shall involve the removal and reinstallation of the door, extending the lower portion of the door to meet the new floor height, and the replacement of the factory installed door track with new galvanized or stainless steel track. The door shall measure, at a minimum, 31.5 inches wide and 56 inches high. Provisions shall be made to keep the door in an open position during passenger loading and unloading. A warning light in the driver's compartment shall indicate the door is open or ajar.	YES
<i>Rear Emergency Exit Door (Liftgate):</i> The rear door (liftgate) shall be equipped with a manual device for opening from the inside and outside, which may be quickly released but designed to offer protection against accidental release. The opening device shall be easily reached from the interior of the vehicle.	YES
<i>Left Side Sliding Passenger Door:</i> An OEM-built second sliding door shall be provided on the rear passenger left side of the vehicle. Second stage manufacturer-built sliding doors are not acceptable for this specification. Door height opening shall be a minimum of 52 inches. Door width shall be as provided by the OEM. Door shall be equipped with an interlock system so that door cannot be opened from the inside or outside when fuel door is open.	YES
<u>ELECTRICAL</u>	
All wiring added during the modification shall be color coded or number coded. All wiring shall be properly insulated and, as necessary, shall be held in place with insulated clamps at a maximum of two foot intervals. There shall be no exposed or loose wiring in the driver or passenger compartment of the vehicle.	YES
<u>LIGHTING</u>	
The interior of the vehicle shall be adequately illuminated, and overhead lighting fixtures shall be arranged in such a manner that adequate lighting is provided at the reading plane of the passengers.	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
The stepwell and doorway immediately adjacent to the driver shall have, when the door is open, at least 2 foot-candles of illumination measured on the step tread.	YES
The other stepwells and doorways, including the doorway in which the ramp is installed, shall have, at all times, at least 2 foot-candles of illumination measured on the step tread, or ramp, when deployed at the vehicle floor level.	YES
The vehicle doorways, including the doorway in which the ramp is installed, shall have outside light(s) which, when the door is open, provide at least 1 foot-candle of illumination on the street surface for a distance of 3 feet perpendicular to all points on the bottom step tread outer edge. Such light(s) shall be located below window level and shielded to protect the eyes of entering and exiting passengers.	YES
<u>PAINTING</u>	
All exposed metal surfaces, excepting aluminum and stainless steel, must be painted, chromed or galvanized.	YES
<u>EXTERIOR PAINT</u>	
All painted exterior surfaces shall match the exterior paint color of the basic van. The exterior paint scheme is to be a solid color paint scheme in one the van manufacturer's standard paint colors.	YES
The exterior color which is to be provided will be stated on the purchase order(s). However, the Respondent shall submit a list of available standard paint colors with the proposal.	YES
<u>INTERIOR PAINT</u>	
All interior surfaces which require painting shall be painted the same color. This includes the exposed interior metal surfaces, if any, of the side and rear doors. The successful Respondent shall choose an interior color that is color-keyed to the van's exterior color and harmonizes with the color of the roof liner and any side paneling or other covering.	YES
<u>TIRES AND WHEELS</u>	
All tires shall be radial tires. The tires shall have a minimum width of 7 inches (178 millimeters) and a minimum nominal rim diameter of 16 inches. A full size spare tire and wheel shall be provided. All tires and wheels shall be of the same size and type and shall be interchangeable. Tires and wheels shall be properly aligned. The type and size of tires must be stated in the proposal.	YES
The spare tire shall mount in the rear hatch area. Tire changing equipment, as provided by the OEM, shall include a jack of sufficient strength/capacity, and other tools necessary for changing the mounted tires, shall be stored in a compartment/container within the vehicle.	YES
<u>EMERGENCY EQUIPMENT</u>	
<i>Warning Devices:</i> Three (3) portable warning reflectors (mounted on stands) stored in a latched box.	YES
<i>Fire Extinguisher:</i> One dry chemical fire extinguisher of at least five (5) pound capacity. The extinguisher shall be a multi-purpose A-B-C type and shall be bracket mounted and easily accessible to the driver.	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
<i>First Aid Kit:</i> A first aid kit with a minimum of ten (10) different units (each unit shall be of a different type from every other unit) shall be mounted in a location most easily accessible to the driver. The box or container shall not be considered as one of the 10 units.	YES
<i>Lug Wrench:</i> A lug wrench of the proper size and type to remove wheels from the van.	YES
<i>Jack:</i> A jack of sufficient strength to safely lift the vehicle for tire changing.	YES
All equipment listed above, including the road flares and reflectors, shall be firmly secured inside the vehicle to prevent any movement by them while the vehicle is in motion. The mounted location of any of the above equipment shall not interfere with the driver's or passenger's limbs or placement of feet or interfere with the movement of passengers and/or mobility aids within the vehicle. Also, none of the equipment shall be mounted on the door.	YES
<u>HEADROOM</u>	
The inside body height of the vehicle from surface of the floor cover to ceiling as measured at any point along the longitudinal center line of the passenger aisleway shall not be less than 57 inches and a minimum interior height of 56 inches must be maintained along the path from the ramp to all securement locations.	YES
<u>DRIVER'S SEAT</u>	
The driver's seat shall be the original OEM seat modified as necessary to accommodate for the lowered floor and located as close as possible to the original position. All original seat adjustments shall be retained in working order. If necessary, a foot rest shall be positioned at the original floor level.	YES
<u>REGULAR PASSENGER SEAT</u>	
The original OEM rear-most 3-passenger bench seat shall be retained, but may be relocated, as necessary, to accommodate for the lowering of the floor and to provide for the maximum possible seating room between the ambulatory passengers and any secured mobility aid.	YES
The passenger seat shall be arranged such that the unobstructed hip-to-knee room as measured at the seat level which is provided for each seated passenger shall not be less than 25.5 inches. Note: This is the minimal acceptable spacing.	YES
The seat back and cushions shall be of the same color and pattern, shall be color-keyed to the vehicle's exterior color and shall harmonize with the vehicle's interior color.	YES
<u>FOLD AWAY REAR SEAT FOOTREST</u>	
Full width, steel footrest for rear seat passengers with positive, up/down positions, manually operated. Top of footrest is minimum 7.25 inches above the floor. Powder coated to match interior floor/trim color.	YES
<u>FRONT PASSENGER SEAT</u>	
The front right passenger seat shall be OEM, matching the driver's seat. The seat base shall be adapted to permit easy roll out for mobility aid access/securement. The seat shall lock and unlock easily from the floor area, and have a positive lock device.	YES
The seat shall be modified in such a manner that the tops of the seat backs are approximately the same distance from the vehicle roof as originally intended before lowering the floor.	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
All non-OEM seats shall meet all applicable FMVSS standard including 207, 208 and 210.	YES
Furthermore, a foot rest shall be placed on the front passenger's seat at original floor level and constructed in such a manner to eliminate any gaps between the foot rest and the right front passenger entry door.	YES
A complete description of the seat modifications and the method of providing the quick release seat shall be provided with the proposal.	YES
<u>OPTIONAL FORWARD FACING REAR FOLD AWAY CENTER SEAT</u>	
Option Must Be Available Upon Request: CE White ADA-35, Braun 125 Fold-A-Way or equivalent. This seat must meet all standard specifications listed in this proposal. Seat shall have vinyl fold up armrest to match seat color on the right side. Fabric and color shall match OEM.	YES
<u>SEATING CONFIGURATION</u>	
The seats and wheelchair positions shall be arranged such that the following seating configurations can be accomplished:	
Three ambulatory passengers (excluding driver) and two mobility aid users - no removable seat in place.	YES
Three ambulatory passengers (excluding driver) and one mobility aid user - front right passenger seat in place.	YES
Four ambulatory passengers (excluding driver) and no mobility aid users.	YES
All seat backs and cushions shall be of the same color and pattern, shall be color-keyed to the vehicle's exterior color, and shall harmonize with the vehicle's interior color.	YES
<u>SEAT BELTS/SHOULDER HARNESS</u>	
A seat belt and shoulder harness shall be provided at the driver's seat. At each passenger seating position, a seat belt shall be provided and, if required by applicable state and federal laws, a shoulder harness shall also be provided. All seat belts and shoulder harnesses shall be of sufficient length to comfortably fit a large adult.	YES
Separate belts shall be provided to secure mobility aid passengers (see Securement System).	YES
<u>MOBILITY AID POSITIONS</u>	
Mobility aid positions are spaces inside the vehicle for transporting people in wheelchairs or other mobility aids. Each position shall consist of a usable floor area in which a passenger in a mobility aid may be positioned and in which an occupant restraint system and securement devices are to be installed.	YES
Two mobility-aid positions will be provided on this vehicle. One position shall be located adjacent and to the right of the driver, and the other position shall be located immediately behind the driver as close to the left side of the vehicle as possible. Both positions shall be forward facing.	YES
The securement system shall be placed as near to the accessible entrance as practicable and shall have a clear floor area of 30 inches by 48 inches. Such space shall adjoin, and may	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
overlap, an access path. Not more than 6 inches of the required clear floor space may be accommodated for footrests under another seat provided there is a minimum of 9 inches from the floor to the lowest part of the seat overhanging the space.	
The dimensions of these mobility-aid positions are intended to give adequate room for the final traveling position of the mobility-aid and its occupant AND sufficient room for the maneuverability of the mobility aid into that position. The actual placement of the securement devices within the position is described in the Securement System section of these specifications.	YES
<u>NO INTERIOR PROJECTIONS</u>	
The interior of the vehicle shall be free of all projections. All sharp edges, protruding fasteners and brackets that could cause injury to passengers or catch hold of clothing shall be covered. The interior of the vehicle shall be completely finished. The interior of the vehicle shall be completely finished, and insulated sidewalls shall be vinyl or melamine covered. Carpeting is not to be used as a wall covering unless prior approval is obtained from INDOT.	YES
<u>SIGNAGE</u>	
Each vehicle shall contain sign(s) which indicate that seats in the front of the vehicle are priority seats for persons with disabilities, and that other passengers should make seats available to those who wish to use them. At least one set of forward-facing seats shall be so designated.	YES
Each securement location shall have a sign designating it as such.	YES
Characters on such signs shall have a width-to-height ratio between 3:5 and 1:1 and a stroke width-to-height ratio between 1:5 and 1:10, with a minimum character height (using an upper case "X") of 5/8 inches, with a "wide" spacing (generally, the space between the letters shall be 1/16 the height of the upper case letters), and shall contrast with the background either light-on-dark or dark-on-light.	YES
<u>MOBILITY AID SYSTEM</u>	
The mobility-aid system shall permit wheelchair or other mobility aid users to enter and leave the vehicle by means of a ramp and provide for the safe transportation of these persons inside the vehicle. The entire systems shall meet, at a minimum, all applicable requirements of 36 CFR Section 1192.23 (a), (c) and (d) in addition to these specifications.	YES
The components of the mobility aid system shall include the following:	
Ramp	YES
Securement system	YES
Occupant restraint system	YES
All modifications required to the exterior and interior of the minivan to provide a complete functioning system.	YES
Control Interlock	YES
All parts shall be new. All necessary servicing and adjustments shall be made on the equipment prior to delivery of the vehicle. All equipment shall be ready for immediate and continuous operation upon delivery of the minivan. All exposed metal services shall be painted or shall be	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
corrosion-resistant.	
<u>RAMP</u>	
A ramp designed for manual operation shall be installed on the right (curb) side. The ramp shall be capable of safely supporting a 600 pound load, placed at the centroid of the ramp distributed over an area of 26 by 26 inches, with a safety factor of at least 3 based on the ultimate strength of the material. Test results verifying this requirement shall be available and if requested, a copy shall be submitted to INDOT.	YES
The ramp surface shall be continuous and slip resistant, shall not have any protrusions from the surface greater than 1/4 inch high, and shall accommodate both four-wheel and three-wheel mobility aids.	YES
The transition from roadway or sidewalk and the transition from vehicle floor to the ramp may be vertical without edge treatment up to 1/4 inch. Changes in level between 1/4 inch and 1/2 inch shall be beveled with a slope no greater than 1:2.	YES
The vehicle shall be equipped with a manually operated, 90-degree swing-away mobility access ramp, which folds and unfolds through the right side door. The fold and unfold motion of the ramp must be counter balanced so that the force exerted by the operator does not exceed 15 lbs. The ramp shall have an effective minimum width of 30 inches and a minimum length of 45 inches. The height from the ground to the top of the ramp shall not exceed 12 inches.	YES
When in use for boarding or alighting, the ramp shall be firmly attached to the vehicle so that it is not subject to displacement when loading or unloading a heavy power mobility aid and that no gap between the vehicle and ramp exceeds 5/8 inch.	YES
A compartment, securement system, or other appropriate method shall be provided to ensure that the stowed ramp does not impinge on a passenger's wheelchair or mobility aid, or pose any hazard to passengers in the event of a sudden stop or maneuver.	YES
A white, yellow or orange band running the full width of the ramp shall be provided on the vehicle floor at the edge of the platform and a similar band shall be placed on the ramp at the boarding edge. Edge guards shall extend the full length of the ramp platform on both sides and shall have a minimum height of 2 inches.	YES
A warning light in the driver's compartment shall indicate the passenger entrance door is open or ajar.	YES
<u>SECUREMENT SYSTEM</u>	
At each mobility aid position a securement systems shall be provided to securely hold the mobility aid in position.	YES
Q-Straint Model # Q-10007 Retractable Securement System with "L" slider track (flanged). Systems by other manufacturers may be accepted with prior approval.	YES
The system shall utilize flanged "L" continuous track, capable of securing a variety of common mobility aid designs and accommodate a wide range of occupant sizes.	YES
Each securement position system shall consist of four (4) adjustable, securement strap assemblies that attach to the structural frame of the mobility aid at four separate points, and anchor into the track on the vehicle floor at four separate points. Each securement system shall	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
have a corresponding occupant restraint system. The occupant restraint system shall consist of adjustable lap belt and a shoulder belt, and shall meet all applicable Federal Motor Vehicle Safety Standards.	
The securement system and their attachments to the vehicle shall restrain a force in the forward longitudinal direction of up to 2,5000 pounds per securement leg and a minimum of 5,000 pounds for each mobility aid. In addition, the securement system shall meet the “30 mph /20g standard” developed at the University of Michigan. Test results verifying these requirements shall be available and, if requested, a copy shall be submitted to INDOT.	YES
The securement system shall secure common wheelchairs and mobility aids and shall either be automatic or easily attached by a person familiar with the system and mobility aid and having average dexterity.	YES
A minimum of two tracks at each mobility aid position, each of sufficient length for proper attachment and positioning of the belts, shall be place parallel to each other and perpendicular to the direction in which the mobility aid faces. The minimum length of the front forward shall be 36 inches and the minimum length of the rear track shall be 30 inches. The distance between centerlines of the tracks shall be approximately 41 inches.	YES
<i>Note:</i> Alternative belt-track systems, using shorter pieces of track (if maneuverability of mobility aids or safety of ambulatory persons is affected) and alternative locations for mounting track, will be considered provided that prior approval is obtained from INDOT.	
The tracks shall be securely flush mounted to the floor of the vehicle in such a way as to ensure they will not pull away from the floor or shift position under anticipated loads. The flush mounted tracks shall have no gaps between the ends or sides of the track and the floor covering. The vehicle floor anchorage for the securement system shall be capable of withstanding a tensile load of 6,000 lbs. applied at a 45 degree angle at each track or floor plate slot when tested with the applicable track fitting. Test results to verify this requirement shall be available and, if requested, shall be submitted to INDOT.	YES
Care should be taken to avoid damage to any of the vehicle’s components during installation of the securement system.	YES
When the wheelchair or mobility aid is secured in accordance with manufacturer’s instructions, the securement system shall limit the movement of an occupied wheelchair or mobility aid to no more than 2 inches in any direction under normal vehicle operating conditions.	YES
In addition, storage pouches shall be made to store the straps and buckles off the floor when they are not in use. The stored straps and the securement tracks shall not interfere with passenger movement or sitting space, shall not present any hazardous condition, shall be reasonably protected from vandalism, and shall be readily accessed when needed for use. Q-Straint Q5-8522, Sure-lok FE 201145 or approved equal. One storage pouch per each wheelchair tiedown position.	YES
The Respondent shall submit with the proposal a description, in detail, with supporting drawings (may be clear hand-drawn sketches) and literature showing the type and location of the securement system to be furnished.	YES
<u>WEBBING LOOPS</u>	
Q-Straint Q5-7580, Sure-Lok FE-200750 or approved equal. To assist with securement of	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
electric wheelchairs.	
<u>DEMONSTRATE USE OF SECUREMENT SYSTEM</u>	
The Respondent shall provide with each vehicle upon delivery a pamphlet/brochure and video describing (and instructing) the use of the securement system and shall demonstrate to the recipient the proper method of using the system.	YES
Demonstration of use of the securement system must be performed to ensure correct use of the belt-track system.	YES
As part of the instruction process, the instructor shall have the student actually use the securement system and tie down a mobility aid in its proper location in the vehicle. Arrangements for having a wheelchair or other mobility aid should be made with the receiving agency prior to delivery of the vehicle. This process ("hands on" instruction) shall be repeated until the student completely understands the system's use and will be able to instruct others in its use.	YES
Adequate time shall be allowed to accomplish this instruction and costs shall be included in the proposal price for the basic vehicle.	YES
<u>OCCUPANT RESTRAINT SYSTEM</u>	
A restraint system shall be provided for the occupant of the wheelchair or other mobility aid.	YES
The occupant restraint system shall be a seat belt and shoulder harness assembly, complying with all applicable provisions of 49 CFR part 571, attached to the floor or side of the vehicle. A retractor or other device (such as a detachable clip) shall be provided to keep the belt webbing and strap off the floor when the belt is not in use.	YES
<u>CONTROL INTERLOCK</u>	
The side ramp and left side passenger sliding doors shall be equipped with an interlock system which will enable the vehicle brakes and/or transmission that will prevent the vehicle from moving when either of the side slide doors are open. System shall incorporate a dash mounted red LED flashing light that will alert driver when either side sliding door is open and interlock is activated."	YES
<i>(Deleted)</i>	<i>N/A</i>
<u>TESTING</u>	
The vehicle shall be thoroughly inspected and tested during construction and upon completion to ensure all equipment is installed and operating properly. Tests shall be performed to ensure that the completed vehicle is rustproof, watertight, fume proof and all vehicle and equipment fluids are specifications. All provisions of 49 CFR part 665 (Bus testing) shall be met, and a certificate assuring compliance with these regulations shall be submitted with the proposal.	YES
<u>MAINTENANCE/INSPECTION SCHEDULE</u>	
The successful Respondent shall supply the recipient agency at the time of delivery a detailed maintenance and inspection schedule for the vehicle. The maintenance and inspection schedule shall incorporate the required maintenance and inspection of the basic vehicle and its subsystems (e.g. ramp, securement devices, etc.) as prescribed by respective manufacturers.	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
<u>GRAB HANDLES</u>	
<p>At least one grab handle, preferably located on the right side of the door shall be provided at both the right front passenger's door and at the wheelchair access/sliding passenger door.</p> <p>The handrail(s) shall permit sufficient turning and maneuvering space for wheelchairs and other mobility aids to reach the securement locations from the ramp.</p> <p>The handrail(s) shall be provided in a configuration which allows persons with disabilities to grasp such assists from outside the vehicle while starting to board, and to continue using such assists throughout the boarding process. Handrails shall have a cross-sectional diameter of between 1 1/4 inches and 1 1/2 inches or shall provide an equivalent grasping surface, and have eased edges with a corner radii of not less than 1/8 inch. Handrails shall be placed to provide a minimum 1 1/2 inches knuckle clearance from the nearest adjacent surface.</p>	YES
<u>STORAGE WALL POUCH</u>	
Q5-8555 or FE201145 or approved equal	YES
<u>DELIVERY LOCATION</u>	
The Respondent shall deliver the vehicles to a mutually agreed upon location/facility in the Indianapolis area. Agency names, contacts, addresses and phone numbers will be provided to the Respondent prior to delivery.	YES
At time of delivery, the Respondent will demonstrate the use of the securement system to the agencies.	YES
<u>INSPECTION</u>	
INDOT and/or the agency receiving the vehicle reserve the right to inspect the first vehicle, or any subsequent vehicle or vehicles, produced in conformation with the specifications by any manufacturer and intended for delivery to the specified recipient agency. The inspection may be performed at the place of manufacture (or conversion) of the vehicle at any stage of construction, if INDOT or the agency desires to exercise this option; or may be performed at the Respondent's place of business, at the recipient agency's location, or at a mutually agreed upon site.	YES
The Respondent and/or manufacturer shall give all needed assistance to INDOT and/or agency personnel in the performance of the inspection. The inspection, if made, will be in detail by INDOT and/or agency personnel and may involve modifications, additions, and/or deletions for the purposes of complying with the specifications, to the vehicle and all other like vehicles before the vehicle(s) will be accepted and payment authorized. Also, any delivered vehicle not conforming to the specifications can be rejected and major corrections required; or the production of a new vehicle meeting the specifications may be required.	YES
<u>SERVICE POLICY/WARRANTY</u>	
The successful Respondent shall furnish with the vehicle the manufacturer's owner service policies and warranties for the basis vehicle, the modification of the vehicle and all equipment.	YES
The warranty for the basis van shall be the manufacturer's standard warranty minimum 3 years/36,000 miles.	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
The warranty for the modification of the vehicle shall provide that, at a minimum, all repairs and replacements needed due to factory defects shall be furnished and installed promptly without charge by authorized service representatives within the first 90 days after final delivery of the vehicle.	YES
The ramp system shall be covered by a warranty that, at a minimum, all replacement parts and repairs needed due to defects in material or workmanship shall be furnished and installed promptly without charge by authorized service representatives within the first year or first 12,000 miles after final delivery of the vehicle.	YES
The removable seat system shall be covered by a warranty providing that, at a minimum, all replacement parts and repairs needed due to defects in material or workmanship shall be furnished and installed promptly without charge by authorized service representatives within the first year after final delivery of the vehicle.	YES
The radial tires and battery shall be covered by the warranty that is standard to the industry, at a minimum.	YES
The rustproofing shall be covered by a warranty that is standard to the rustproofing industry and which shall provide for, at a minimum, at least five (5) years of protection through rust-through.	YES

2.2. Specification Compliance Checklist - Small Transit Vehicle

In the yellow shaded boxes, please confirm the Respondent meets each Vehicle Specification by adding a “Yes” or “No”, unless otherwise specified. Please refer to Section 1.6.1 of the RFP for how to submit questions or concerns about any of the specifications, or to request an exception to the specifications.

The fact that every item constituting the construction of the unit is not specifically mentioned nor described will be interpreted to mean that the Respondent shall install items that conform to the **best known engineering standards of the trade, relative to design, strength, quality, and workmanship**. Furthermore, each unit is to be delivered fully equipped, with all manufacturer's standard equipment and accessories, unless otherwise requested. This equipment must meet the latest federal safety regulations.

Please note that Tab D of the Cost Proposal contains additional optional equipment for which the Respondent must provide a cost addition or reduction.

STARTRANS SENATOR II

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
<u>BODY AND CHASSIS REQUIREMENTS</u>	
This vehicle shall be of the "body on chassis" type and will involve construction of a bus body on a heavy duty cut-away van chassis or a light or medium duty truck chassis. The vehicle body shall be manufactured by a body manufacturer for transit application, not "converted" or "modified" to a transit vehicle from a sports van, passenger van or wagon, delivery vehicle, school bus, recreational vehicle or similar vehicle. Body construction shall be conventional	YES

**Optional Proposal for the Low Floor Minivan
Mobility Venture / MV-1**

2. Requested Information

2.1. Specification Compliance Checklist - Low Floor Minivan

In the yellow shaded boxes, please confirm the Respondent meets each Vehicle Specification by adding a “Yes” or “No”, unless otherwise specified. Please refer to Section 1.6.1 of the RFP for how to submit questions or concerns about any of the specifications, or to request an exception to the specifications.

The fact that every item constituting the construction of the unit is not specifically mentioned nor described will be interpreted to mean that the Respondent shall install items that conform to the **best known engineering standards of the trade, relative to design, strength, quality, and workmanship**. Furthermore, each unit is to be delivered fully equipped, with all manufacturer's standard equipment and accessories, unless otherwise requested. This equipment must meet the latest federal safety regulations.

Please note that Tab D of the Cost Proposal contains additional optional equipment for which the Respondent must provide a cost addition or reduction.

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
Removal of the standard factory production minivan floor and lowering of same to increase the interior headroom. Also, reinforcement of the body frame as appropriate.	YES PER ADDENDUM
<u>GENERAL DESCRIPTION OF VEHICLE</u>	
Installation of insulation, floor covering, interior fixtures and finishings.	YES
The vehicle shall at a minimum, seat three (3) ambulatory passengers (excluding the driver). The front passenger seat shall be removable so the vehicle can accommodate two (2) wheelchair or other mobility aid passengers and three (3) ambulatory passengers (see attached floor plans in Section 3.1 of this Attachment). An option to provide a convertible two-passenger center bench seat may be chosen to increase the seating capacity to six (6) ambulatory passengers.	YES PER ADDENDUM
Installation of a securement system and occupant restraint system for mobility aid users.	YES
Installation of a manual swing-away ramp in the passenger entrance way. The ramp shall allow for easy boarding of persons in mobility aids and “swing-away” for boarding of ambulatory persons.	YES PER ADDENDUM
Installation of extended passenger door as necessary to accommodate the ramp.	YES
Other modifications called for in these specifications, as well as any and all modifications required to provide a complete functioning vehicle	YES
<u>BASIC VEHICLE</u> <i>The basic vehicle shall be provided with the following factory-installed (except where noted) equipment</i>	
Minimum G.V.W.R. of 6,050 pounds with manufacturer’s heaviest duty suspension, minimum wheelbase of 121 inches, minimum overall length of 200 inches, and a minimum overall width of 76 inches.	YES
Six cylinder gasoline engine with a minimum displacement of 3.3 liters.	YES
6 speed w/overdrive automatic transmission.	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
Factory Anti-Lock Brake System (ABS).	YES
Power steering, including a tilt steering wheel and cruise control.	YES
Maximum (heavy duty) cooling system.	YES
Total battery capacity of at least 600 cca (cranking performance amperes at 0 degrees Fahrenheit). The capacity (in cca's) must be stated in the proposal.	Battery Capacity: ___ 750 ___
Alternator or generator with a minimum capacity of 160 amps. The capacity (in amps) must be stated in the proposal.	Alternator Capacity: ___ 150 ___
Fuel tank – Minimum capacity of 20 gallons. The actual capacity (in gallons) must be stated in the proposal.	Fuel Tank Capacity: ___ 24 ___
Oil pressure, temperature, ammeter or voltmeter gauges or warning lights.	YES
12 volt power outlet.	YES
Dual adjustable outside mirrors.	YES
Windows all around (i.e. all factory available windows in body side, side doors and rear).	YES
Tinted glass in windshield and all windows.	YES
High output front heater.	YES
Front and rear bumpers.	YES
Insulated headliner for the full length of the driver and passenger compartments.	YES
Insulated sidewalls finished with the minivan manufacturer's standard, or equivalent, covering. Interior of all doors shall be covered by manufacturer's standard, or equivalent trim panels and insulated. Also, factory standard, or equivalent, window moldings shall be provided. Carpeting is not allowed in the vehicle interior, unless prior approval is obtained from INDOT.	YES
Pads or strips of slip resistant material in step sills at all passenger doors and driver's door. Pads or strips may be non-factory installed.	YES
Two speed windshield wipers with intermittent feature.	YES
Heater and defroster, including rear window defroster and rear heater.	YES
Rear window washer/wiper.	YES
OEM AM/FM radio with CD/MP3 and factory installed speakers.	YES
Air conditioning, front and rear.	YES
Driver's side and front passenger airbags.	YES PER ADDENDUM
Chassis must be equipped with (SER) Load Leveling and Height Control and Electronic	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
Stability Control (FMVSS 126).	
Alarm to sound automatically when the vehicle is placed in reverse. The back-up alarm shall be frame mounted toward the rearmost part of the vehicle and protected from water and road spray.	YES
<u>RUSTPROOFING</u>	
The vehicle shall be furnished with the standard rustproofing available from the van manufacturer. All extended wheelchair access and entryway door panels shall be rustproofed in a manner equal to or greater than the rustproofing provided by the van manufacturer.	YES
<u>UNDERCOATING</u>	
All exposed floor attachment seams shall be sealed with a high rated butyl caulk or equivalent. The entire surface of exterior lowered floor shall have a rust inhibiting coating, such as an epoxy primer base, applied to cover all welded areas, and then a fresh application of undercoating over the entire surface. Undercoating shall comply with current Federal and State flammability standards.	YES
<u>STRUCTURAL INTEGRITY</u>	
The floor and other modifications to the vehicle shall be done in a manner such that the structural integrity of the vehicle is not degraded. The body including the roof shall be of sufficient strength to support the entire weight of the fully loaded vehicle on its top or side if overturned.	YES
<u>FLOOR</u>	
<i>Sub Floor:</i> The interior floor shall be insulated with 3/8" marine grade plywood to provide a smooth surface for flooring attachment and to minimize interior noise.	YES PER ADDENDUM
<i>Floor Assembly:</i> The lowered floor skin shall be constructed of 16 ga. aluminized steel. The frame rails shall be made of 14 ga. formed channels; the floor shall be reinforced with 16 ga. formed channel cross ribs. The floor shall be lowered from the front firewall to just before the rear axle. The width of the floor shall extend from side doorsill to side doorsill. Mobility aid restraint tracks and seat locks shall be beveled, with no sharp edges and will protrude no more than 1/4" above floor surface.	YES PER ADDENDUM
The entire floor and modification shall be sealed to prevent any water or air leakage.	YES
Manufacturer shall ensure that all components attached to the undercarriage (or other major components) under the vehicle are securely attached and have a minimum of five (5) inches of ground clearance from the roadway when loaded with 1100 lbs. maximum. If the exhaust system has been relocated, it shall be properly attached and not under tension. A heat shield shall be installed in any area where the exhaust pipe is within six (6) inches or less of the gasoline tank.	YES
Other methods of floor construction will be considered if prior approval is obtained from INDOT.	YES PER ADDENDUM
<u>FLOOR COVERING</u>	
The floor shall be covered with a slip retardant sheet flooring consisting of a vinyl composition	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
<p>with a raised disc pattern, similar to Altro flooring, or approved equal. It shall be permanently bonded to the floor with adhesive of waterproof type. All edges of the floor covering are to be properly sealed to prevent entrance of moisture that could cause bulging, ply separation, and/or material failure. All joints in the floor covering shall be the butt type and floor covering shall be cemented to the floor to prevent bubbles or blisters which could create a safety hazard.</p>	<p>PER ADDENDUM</p>
<p>The floor covering shall be at least 2.2 millimeters thick overall gauge.</p>	<p>YES PER ADDENDUM</p>
<p>All portions of the floor covering shall be of the same material and color including the floor area under and adjacent to the driver's seat, unless prior approval for an alternative is obtained from INDOT.</p>	<p>YES</p>
<u>INSULATION</u>	
<p>The vehicle shall contain OEM standard insulation in the roof and all body panels, including the extended door, to deaden sound, and reduce vibrations and heat transfers.</p>	<p>YES</p>
<u>DOORS</u>	
<p><i>Driver's and Right Front Passenger Doors:</i> No modifications are required on these doors.</p>	<p>YES</p>
<p>Pads or strips of slip-resistant material shall be installed in the step sill. The armrest normally attached to these doors shall be retained.</p>	<p>YES</p>
<p>Only the driver's door shall be lockable by key from the exterior.</p>	<p>NO EXCEPTION TAB 10 ITEM 11 (a)</p>
<p><i>Wheelchair Access/Sliding Passenger Door:</i> The wheelchair access/sliding passenger door shall be modified to accommodate the swing-away ramp and the lowered floor. The modification shall involve the removal and reinstallation of the door, extending the lower portion of the door to meet the new floor height, and the replacement of the factory installed door track with new galvanized or stainless steel track. The door shall measure, at a minimum, 31.5 inches wide and 56 inches high. Provisions shall be made to keep the door in an open position during passenger loading and unloading. A warning light in the driver's compartment shall indicate the door is open or ajar.</p>	<p>YES PER ADDENDUM</p>
<p><i>Rear Emergency Exit Door (Liftgate):</i> The rear door (liftgate) shall be equipped with a manual device for opening from the inside and outside, which may be quickly released but designed to offer protection against accidental release. The opening device shall be easily reached from the interior of the vehicle.</p>	<p>NO EXCEPTION TAB 10 ITEM 11 (a)</p>
<p><i>Left Side Sliding Passenger Door:</i> An OEM-built second sliding door shall be provided on the rear passenger left side of the vehicle. Second stage manufacturer-built sliding doors are not acceptable for this specification. Door height opening shall be a minimum of 52 inches. Door width shall be as provided by the OEM. Door shall be equipped with an interlock system so that door cannot be opened from the inside or outside when fuel door is open.</p>	<p>NO EXCEPTION TAB 10 ITEM 11 (a)</p>
<u>ELECTRICAL</u>	
<p>All wiring added during the modification shall be color coded or number coded. All wiring shall</p>	<p>YES</p>

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
be properly insulated and, as necessary, shall be held in place with insulated clamps at a maximum of two foot intervals. There shall be no exposed or loose wiring in the driver or passenger compartment of the vehicle.	
<u>LIGHTING</u>	
The interior of the vehicle shall be adequately illuminated, and overhead lighting fixtures shall be arranged in such a manner that adequate lighting is provided at the reading plane of the passengers.	YES
The stepwell and doorway immediately adjacent to the driver shall have, when the door is open, at least 2 foot-candles of illumination measured on the step tread.	YES
The other stepwells and doorways, including the doorway in which the ramp is installed, shall have, at all times, at least 2 foot-candles of illumination measured on the step tread, or ramp, when deployed at the vehicle floor level.	YES
The vehicle doorways, including the doorway in which the ramp is installed, shall have outside light(s) which, when the door is open, provide at least 1 foot-candle of illumination on the street surface for a distance of 3 feet perpendicular to all points on the bottom step tread outer edge. Such light(s) shall be located below window level and shielded to protect the eyes of entering and exiting passengers.	YES
<u>PAINING</u>	
All exposed metal surfaces, excepting aluminum and stainless steel, must be painted, chromed or galvanized.	YES
<u>EXTERIOR PAINT</u>	
All painted exterior surfaces shall match the exterior paint color of the basic van. The exterior paint scheme is to be a solid color paint scheme in one the van manufacturer's standard paint colors.	YES
The exterior color which is to be provided will be stated on the purchase order(s). However, the Respondent shall submit a list of available standard paint colors with the proposal.	YES
<u>INTERIOR PAINT</u>	
All interior surfaces which require painting shall be painted the same color. This includes the exposed interior metal surfaces, if any, of the side and rear doors. The successful Respondent shall choose an interior color that is color-keyed to the van's exterior color and harmonizes with the color of the roof liner and any side paneling or other covering.	YES
<u>TIRES AND WHEELS</u>	
All tires shall be radial tires. The tires shall have a minimum width of 7 inches (178 millimeters) and a minimum nominal rim diameter of 16 inches. A full size spare tire and wheel shall be provided. All tires and wheels shall be of the same size and type and shall be interchangeable. Tires and wheels shall be properly aligned. The type and size of tires must be stated in the proposal.	YES PER ADDENDUM
The spare tire shall mount in the rear hatch area. Tire changing equipment, as provided by the OEM, shall include a jack of sufficient strength/capacity, and other tools necessary for changing the mounted tires, shall be stored in a compartment/container within the vehicle.	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
<u>EMERGENCY EQUIPMENT</u>	
<i>Warning Devices:</i> Three (3) portable warning reflectors (mounted on stands) stored in a latched box.	YES
<i>Fire Extinguisher:</i> One dry chemical fire extinguisher of at least five (5) pound capacity. The extinguisher shall be a multi-purpose A-B-C type and shall be bracket mounted and easily accessible to the driver.	YES
<i>First Aid Kit:</i> A first aid kit with a minimum of ten (10) different units (each unit shall be of a different type from every other unit) shall be mounted in a location most easily accessible to the driver. The box or container shall not be considered as one of the 10 units.	YES
<i>Lug Wrench:</i> A lug wrench of the proper size and type to remove wheels from the van.	YES
<i>Jack:</i> A jack of sufficient strength to safely lift the vehicle for tire changing.	YES
All equipment listed above, including the road flares and reflectors, shall be firmly secured inside the vehicle to prevent any movement by them while the vehicle is in motion. The mounted location of any of the above equipment shall not interfere with the driver's or passenger's limbs or placement of feet or interfere with the movement of passengers and/or mobility aids within the vehicle. Also, none of the equipment shall be mounted on the door.	YES
<u>HEADROOM</u>	
The inside body height of the vehicle from surface of the floor cover to ceiling as measured at any point along the longitudinal center line of the passenger aisleway shall not be less than 57 inches and a minimum interior height of 56 inches must be maintained along the path from the ramp to all securement locations.	YES
<u>DRIVER'S SEAT</u>	
The driver's seat shall be the original OEM seat modified as necessary to accommodate for the lowered floor and located as close as possible to the original position. All original seat adjustments shall be retained in working order. If necessary, a foot rest shall be positioned at the original floor level.	YES
<u>REGULAR PASSENGER SEAT</u>	
The original OEM rear-most 3-passenger bench seat shall be retained, but may be relocated, as necessary, to accommodate for the lowering of the floor and to provide for the maximum possible seating room between the ambulatory passengers and any secured mobility aid.	YES
The passenger seat shall be arranged such that the unobstructed hip-to-knee room as measured at the seat level which is provided for each seated passenger shall not be less than 25.5 inches. Note: This is the minimal acceptable spacing.	YES
The seat back and cushions shall be of the same color and pattern, shall be color-keyed to the vehicle's exterior color and shall harmonize with the vehicle's interior color.	YES
<u>FOLD AWAY REAR SEAT FOOTREST</u>	
Full width, steel footrest for rear seat passengers with positive, up/down positions, manually operated. Top of footrest is minimum 7.25 inches above the floor. Powder coated to match interior floor/trim color.	NO EXCEPTION TAB 10

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
	ITEM 11 (a)
<u>FRONT PASSENGER SEAT</u>	
The front right passenger seat shall be OEM, matching the driver's seat. The seat base shall be adapted to permit easy roll out for mobility aid access/securement. The seat shall lock and unlock easily from the floor area, and have a positive lock device.	YES PER ADDENDUM
The seat shall be modified in such a manner that the tops of the seat backs are approximately the same distance from the vehicle roof as originally intended before lowering the floor.	YES PER ADDENDUM
All non-OEM seats shall meet all applicable FMVSS standard including 207, 208 and 210.	YES
Furthermore, a foot rest shall be placed on the front passenger's seat at original floor level and constructed in such a manner to eliminate any gaps between the foot rest and the right front passenger entry door.	YES PER ADDENDUM
A complete description of the seat modifications and the method of providing the quick release seat shall be provided with the proposal.	YES PER ADDENDUM
<u>OPTIONAL FORWARD FACING REAR FOLD AWAY CENTER SEAT</u>	
Option Must Be Available Upon Request: CE White ADA-35, Braun 125 Fold-A-Way or equivalent. This seat must meet all standard specifications listed in this proposal. Seat shall have vinyl fold up armrest to match seat color on the right side. Fabric and color shall match OEM.	YES PER ADDENDUM
<u>SEATING CONFIGURATION</u>	
The seats and wheelchair positions shall be arranged such that the following seating configurations can be accomplished:	
Three ambulatory passengers (excluding driver) and two mobility aid users - no removable seat in place.	YES PER ADDENDUM
Three ambulatory passengers (excluding driver) and one mobility aid user - front right passenger seat in place.	YES PER ADDENDUM
Four ambulatory passengers (excluding driver) and no mobility aid users.	YES PER ADDENDUM
All seat backs and cushions shall be of the same color and pattern, shall be color-keyed to the vehicle's exterior color, and shall harmonize with the vehicle's interior color.	YES
<u>SEAT BELTS/SHOULDER HARNESS</u>	
A seat belt and shoulder harness shall be provided at the driver's seat. At each passenger seating position, a seat belt shall be provided and, if required by applicable state and federal laws, a shoulder harness shall also be provided. All seat belts and shoulder harnesses shall be of sufficient length to comfortably fit a large adult.	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
Separate belts shall be provided to secure mobility aid passengers (see Securement System).	YES
<u>MOBILITY AID POSITIONS</u>	
Mobility aid positions are spaces inside the vehicle for transporting people in wheelchairs or other mobility aids. Each position shall consist of a usable floor area in which a passenger in a mobility aid may be positioned and in which an occupant restraint system and securement devices are to be installed.	YES
Two mobility-aid positions will be provided on this vehicle. One position shall be located adjacent and to the right of the driver, and the other position shall be located immediately behind the driver as close to the left side of the vehicle as possible. Both positions shall be forward facing.	NO EXCEPTION TAB 10 ITEM 11 (a)
The securement system shall be placed as near to the accessible entrance as practicable and shall have a clear floor area of 30 inches by 48 inches. Such space shall adjoin, and may overlap, an access path. Not more than 6 inches of the required clear floor space may be accommodated for footrests under another seat provided there is a minimum of 9 inches from the floor to the lowest part of the seat overhanging the space.	YES PER ADDENDUM
The dimensions of these mobility-aid positions are intended to give adequate room for the final traveling position of the mobility-aid and its occupant AND sufficient room for the maneuverability of the mobility aid into that position. The actual placement of the securement devices within the position is described in the Securement System section of these specifications.	YES PER ADDENDUM
<u>NO INTERIOR PROJECTIONS</u>	
The interior of the vehicle shall be free of all projections. All sharp edges, protruding fasteners and brackets that could cause injury to passengers or catch hold of clothing shall be covered. The interior of the vehicle shall be completely finished. The interior of the vehicle shall be completely finished, and insulated sidewalls shall be vinyl or melamine covered. Carpeting is not to be used as a wall covering unless prior approval is obtained from INDOT.	YES
<u>SIGNAGE</u>	
Each vehicle shall contain sign(s) which indicate that seats in the front of the vehicle are priority seats for persons with disabilities, and that other passengers should make seats available to those who wish to use them. At least one set of forward-facing seats shall be so designated.	YES
Each securement location shall have a sign designating it as such.	YES
Characters on such signs shall have a width-to-height ratio between 3:5 and 1:1 and a stroke width-to-height ratio between 1:5 and 1:10, with a minimum character height (using an upper case "X") of 5/8 inches, with a "wide" spacing (generally, the space between the letters shall be 1/16 the height of the upper case letters), and shall contrast with the background either light-on-dark or dark-on-light.	YES
<u>MOBILITY AID SYSTEM</u>	
The mobility-aid system shall permit wheelchair or other mobility aid users to enter and leave the vehicle by means of a ramp and provide for the safe transportation of these persons inside the vehicle. The entire systems shall meet, at a minimum, all applicable requirements of 36 CFR Section 1192.23 (a), (c) and (d) in addition to these specifications.	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
The components of the mobility aid system shall include the following:	
Ramp	YES
Securement system	YES
Occupant restraint system	YES
All modifications required to the exterior and interior of the minivan to provide a complete functioning system.	YES
Control Interlock	YES
All parts shall be new. All necessary servicing and adjustments shall be made on the equipment prior to delivery of the vehicle. All equipment shall be ready for immediate and continuous operation upon delivery of the minivan. All exposed metal services shall be painted or shall be corrosion-resistant.	YES
<u>RAMP</u>	
A ramp designed for manual operation shall be installed on the right (curb) side. The ramp shall be capable of safely supporting a 600 pound load, placed at the centroid of the ramp distributed over an area of 26 by 26 inches, with a safety factor of at least 3 based on the ultimate strength of the material. Test results verifying this requirement shall be available and if requested, a copy shall be submitted to INDOT.	YES
The ramp surface shall be continuous and slip resistant, shall not have any protrusions from the surface greater than 1/4 inch high, and shall accommodate both four-wheel and three-wheel mobility aids.	YES
The transition from roadway or sidewalk and the transition from vehicle floor to the ramp may be vertical without edge treatment up to 1/4 inch. Changes in level between 1/4 inch and 1/2 inch shall be beveled with a slope no greater than 1:2.	YES
The vehicle shall be equipped with a manually operated, 90-degree swing-away mobility access ramp, which folds and unfolds through the right side door. The fold and unfold motion of the ramp must be counter balanced so that the force exerted by the operator does not exceed 15 lbs. The ramp shall have an effective minimum width of 30 inches and a minimum length of 45 inches. The height from the ground to the top of the ramp shall not exceed 12 inches.	YES PER ADDENDUM
When in use for boarding or alighting, the ramp shall be firmly attached to the vehicle so that it is not subject to displacement when loading or unloading a heavy power mobility aid and that no gap between the vehicle and ramp exceeds 5/8 inch.	YES
A compartment, securement system, or other appropriate method shall be provided to ensure that the stowed ramp does not impinge on a passenger's wheelchair or mobility aid, or pose any hazard to passengers in the event of a sudden stop or maneuver.	YES
A white, yellow or orange band running the full width of the ramp shall be provided on the vehicle floor at the edge of the platform and a similar band shall be placed on the ramp at the boarding edge. Edge guards shall extend the full length of the ramp platform on both sides and shall have a minimum height of 2 inches.	YES
A warning light in the driver's compartment shall indicate the passenger entrance door is open or ajar.	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
<u>SECUREMENT SYSTEM</u>	
At each mobility aid position a securement systems shall be provided to securely hold the mobility aid in position.	YES
Q-Straint Model # Q-10007 Retractable Securement System with "L" slider track (flanged). Systems by other manufacturers may be accepted with prior approval.	YES
The system shall utilize flanged "L" continuous track, capable of securing a variety of common mobility aid designs and accommodate a wide range of occupant sizes.	YES
Each securement position system shall consist of four (4) adjustable, securement strap assemblies that attach to the structural frame of the mobility aid at four separate points, and anchor into the track on the vehicle floor at four separate points. Each securement system shall have a corresponding occupant restraint system. The occupant restraint system shall consist of adjustable lap belt and a shoulder belt, and shall meet all applicable Federal Motor Vehicle Safety Standards.	YES
The securement system and their attachments to the vehicle shall restrain a force in the forward longitudinal direction of up to 2,5000 pounds per securement leg and a minimum of 5,000 pounds for each mobility aid. In addition, the securement system shall meet the "30 mph /20g standard" developed at the University of Michigan. Test results verifying these requirements shall be available and, if requested, a copy shall be submitted to INDOT.	YES
The securement system shall secure common wheelchairs and mobility aids and shall either be automatic or easily attached by a person familiar with the system and mobility aid and having average dexterity.	YES
A minimum of two tracks at each mobility aid position, each of sufficient length for proper attachment and positioning of the belts, shall be place parallel to each other and perpendicular to the direction in which the mobility aid faces. The minimum length of the front forward shall be 36 inches and the minimum length of the rear track shall be 30 inches. The distance between centerlines of the tracks shall be approximately 41 inches.	YES
<i>Note:</i> Alternative belt-track systems, using shorter pieces of track (if maneuverability of mobility aids or safety of ambulatory persons is affected) and alternative locations for mounting track, will be considered provided that prior approval is obtained from INDOT.	
The tracks shall be securely flush mounted to the floor of the vehicle in such a way as to ensure they will not pull away from the floor or shift position under anticipated loads. The flush mounted tracks shall have no gaps between the ends or sides of the track and the floor covering. The vehicle floor anchorage for the securement system shall be capable of withstanding a tensile load of 6,000 lbs. applied at a 45 degree angle at each track or floor plate slot when tested with the applicable track fitting. Test results to verify this requirement shall be available and, if requested, shall be submitted to INDOT.	YES
Care should be taken to avoid damage to any of the vehicle's components during installation of the securement system.	YES
When the wheelchair or mobility aid is secured in accordance with manufacturer's instructions, the securement system shall limit the movement of an occupied wheelchair or mobility aid to no more than 2 inches in any direction under normal vehicle operating conditions.	YES
In addition, storage pouches shall be made to store the straps and buckles off the floor when	YES

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
they are not in use. The stored straps and the securement tracks shall not interfere with passenger movement or sitting space, shall not present any hazardous condition, shall be reasonably protected from vandalism, and shall be readily accessed when needed for use. Q-Straint Q5-8522, Sure-lok FE 201145 or approved equal. One storage pouch per each wheelchair tiedown position.	
The Respondent shall submit with the proposal a description, in detail, with supporting drawings (may be clear hand-drawn sketches) and literature showing the type and location of the securement system to be furnished.	YES
<u>WEBBING LOOPS</u>	
Q-Straint Q5-7580, Sure-Lok FE-200750 or approved equal. To assist with securement of electric wheelchairs.	YES PER ADDENDUM
<u>DEMONSTRATE USE OF SECUREMENT SYSTEM</u>	
The Respondent shall provide with each vehicle upon delivery a pamphlet/brochure and video describing (and instructing) the use of the securement system and shall demonstrate to the recipient the proper method of using the system.	YES
Demonstration of use of the securement system must be performed to ensure correct use of the belt-track system.	YES
As part of the instruction process, the instructor shall have the student actually use the securement system and tie down a mobility aid in its proper location in the vehicle. Arrangements for having a wheelchair or other mobility aid should be made with the receiving agency prior to delivery of the vehicle. This process ("hands on" instruction) shall be repeated until the student completely understands the system's use and will be able to instruct others in its use.	YES
Adequate time shall be allowed to accomplish this instruction and costs shall be included in the proposal price for the basic vehicle.	YES
<u>OCCUPANT RESTRAINT SYSTEM</u>	
A restraint system shall be provided for the occupant of the wheelchair or other mobility aid.	YES
The occupant restraint system shall be a seat belt and shoulder harness assembly, complying with all applicable provisions of 49 CFR part 571, attached to the floor or side of the vehicle. A retractor or other device (such as a detachable clip) shall be provided to keep the belt webbing and strap off the floor when the belt is not in use.	YES
<u>CONTROL INTERLOCK</u>	
The side ramp and left side passenger sliding doors shall be equipped with an interlock system which will enable the vehicle brakes and/or transmission that will prevent the vehicle from moving when either of the side slide doors are open. System shall incorporate a dash mounted red LED flashing light that will alert driver when either side sliding door is open and interlock is activated."	YES PER ADDENDUM
<i>(Deleted)</i>	N/A
<u>TESTING</u>	

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
<p>The vehicle shall be thoroughly inspected and tested during construction and upon completion to ensure all equipment is installed and operating properly. Tests shall be performed to ensure that the completed vehicle is rustproof, watertight, fume proof and all vehicle and equipment fluids are specifications. All provisions of 49 CFR part 665 (Bus testing) shall be met, and a certificate assuring compliance with these regulations shall be submitted with the proposal.</p>	<p>YES</p>
<u>MAINTENANCE/INSPECTION SCHEDULE</u>	
<p>The successful Respondent shall supply the recipient agency at the time of delivery a detailed maintenance and inspection schedule for the vehicle. The maintenance and inspection schedule shall incorporate the required maintenance and inspection of the basic vehicle and its subsystems (e.g. ramp, securement devices, etc.) as prescribed by respective manufacturers.</p>	<p>YES</p>
<u>GRAB HANDLES</u>	
<p>At least one grab handle, preferably located on the right side of the door shall be provided at both the right front passenger's door and at the wheelchair access/sliding passenger door.</p> <p>The handrail(s) shall permit sufficient turning and maneuvering space for wheelchairs and other mobility aids to reach the securement locations from the ramp.</p> <p>The handrail(s) shall be provided in a configuration which allows persons with disabilities to grasp such assists from outside the vehicle while starting to board, and to continue using such assists throughout the boarding process. Handrails shall have a cross-sectional diameter of between 1 1/4 inches and 1 1/2 inches or shall provide an equivalent grasping surface, and have eased edges with a corner radii of not less than 1/8 inch. Handrails shall be placed to provide a minimum 1 1/2 inches knuckle clearance from the nearest adjacent surface.</p>	<p>YES PER ADDENDUM</p>
<u>STORAGE WALL POUCH</u>	
<p>Q5-8555 or FE201145 or approved equal</p>	<p>YES</p>
<u>DELIVERY LOCATION</u>	
<p>The Respondent shall deliver the vehicles to a mutually agreed upon location/facility in the Indianapolis area. Agency names, contacts, addresses and phone numbers will be provided to the Respondent prior to delivery.</p>	<p>YES</p>
<p>At time of delivery, the Respondent will demonstrate the use of the securement system to the agencies.</p>	<p>YES</p>
<u>INSPECTION</u>	
<p>INDOT and/or the agency receiving the vehicle reserve the right to inspect the first vehicle, or any subsequent vehicle or vehicles, produced in conformation with the specifications by any manufacturer and intended for delivery to the specified recipient agency. The inspection may be performed at the place of manufacture (or conversion) of the vehicle at any stage of construction, if INDOT or the agency desires to exercise this option; or may be performed at the Respondent's place of business, at the recipient agency's location, or at a mutually agreed upon site.</p>	<p>YES</p>
<p>The Respondent and/or manufacturer shall give all needed assistance to INDOT and/or agency personnel in the performance of the inspection. The inspection, if made, will be in detail by INDOT and/or agency personnel and may involve modifications, additions, and/or deletions for</p>	<p>YES</p>

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
the purposes of complying with the specifications, to the vehicle and all other like vehicles before the vehicle(s) will be accepted and payment authorized. Also, any delivered vehicle not conforming to the specifications can be rejected and major corrections required; or the production of a new vehicle meeting the specifications may be required.	
<u>SERVICE POLICY/WARRANTY</u>	
The successful Respondent shall furnish with the vehicle the manufacturer's owner service policies and warranties for the basis vehicle, the modification of the vehicle and all equipment.	YES
The warranty for the basis van shall be the manufacturer's standard warranty minimum 3 years/36,000 miles.	YES
The warranty for the modification of the vehicle shall provide that, at a minimum, all repairs and replacements needed due to factory defects shall be furnished and installed promptly without charge by authorized service representatives within the first 90 days after final delivery of the vehicle.	YES
The ramp system shall be covered by a warranty that, at a minimum, all replacement parts and repairs needed due to defects in material or workmanship shall be furnished and installed promptly without charge by authorized service representatives within the first year or first 12,000 miles after final delivery of the vehicle.	YES
The removable seat system shall be covered by a warranty providing that, at a minimum, all replacement parts and repairs needed due to defects in material or workmanship shall be furnished and installed promptly without charge by authorized service representatives within the first year after final delivery of the vehicle.	YES
The radial tires and battery shall be covered by the warranty that is standard to the industry, at a minimum.	YES
The rustproofing shall be covered by a warranty that is standard to the rustproofing industry and which shall provide for, at a minimum, at least five (5) years of protection through rust-through.	YES

2.2. Specification Compliance Checklist - Small Transit Vehicle

In the yellow shaded boxes, please confirm the Respondent meets each Vehicle Specification by adding a "Yes" or "No", unless otherwise specified. Please refer to Section 1.6.1 of the RFP for how to submit questions or concerns about any of the specifications, or to request an exception to the specifications.

The fact that every item constituting the construction of the unit is not specifically mentioned nor described will be interpreted to mean that the Respondent shall install items that conform to the **best known engineering standards of the trade, relative to design, strength, quality, and workmanship**. Furthermore, each unit is to be delivered fully equipped, with all manufacturer's standard equipment and accessories, unless otherwise requested. This equipment must meet the latest federal safety regulations.

Please note that Tab D of the Cost Proposal contains additional optional equipment for which the Respondent must provide a cost addition or reduction.

Low Floor Minivan Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
The warranty for the modification of the vehicle shall provide that, at a minimum, all repairs and replacements needed due to factory defects shall be furnished and installed promptly without charge by authorized service representatives within the first 90 days after final delivery of the vehicle.	YES
The ramp system shall be covered by a warranty that, at a minimum, all replacement parts and repairs needed due to defects in material or workmanship shall be furnished and installed promptly without charge by authorized service representatives within the first year or first 12,000 miles after final delivery of the vehicle.	YES
The removable seat system shall be covered by a warranty providing that, at a minimum, all replacement parts and repairs needed due to defects in material or workmanship shall be furnished and installed promptly without charge by authorized service representatives within the first year after final delivery of the vehicle.	YES
The radial tires and battery shall be covered by the warranty that is standard to the industry, at a minimum.	YES
The rustproofing shall be covered by a warranty that is standard to the rustproofing industry and which shall provide for, at a minimum, at least five (5) years of protection through rust-through.	YES

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Please note that Tab D of the Cost Proposal contains additional optional equipment for which the Respondent must provide a cost addition or reduction.

STARTRANS SENATOR II

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
<u>BODY AND CHASSIS REQUIREMENTS</u>	
This vehicle shall be of the "body on chassis" type and will involve construction of a bus body on a heavy duty cut-away van chassis or a light or medium duty truck chassis. The vehicle body shall be manufactured by a body manufacturer for transit application, not "converted" or "modified" to a transit vehicle from a sports van, passenger van or wagon, delivery vehicle, school bus, recreational vehicle or similar vehicle. Body construction shall be conventional	YES

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
type (panels on structural metal frames) as described below.	
<u>BODY CONSTRUCTION</u>	
Structural body members shall be all metal. The metal used in construction of the vehicle body shall be prime commercial quality steel (18 gauge minimum). All other metal shall be zinc-coated steel, aluminum-coated steel, stainless steel, galvanized steel, aluminum or aluminum alloy.	YES
Fiberglass may be used for the construction of the exterior panels ("outer skin") of the body/or the roof "cap") as long as they are securely fastened to metal interior structural members, as specified, and conform to all applicable Federal Motor Vehicle Safety Standards (FMVSS).	YES
The body structure shall be adequately reinforced at all points and corners where stress concentrations may occur, to adequately carry required loads and withstand road shock. The side and end forming shall be so designed and constructed that they will carry their share of the stresses imposed without damage and absorb excessive impacts with as little damage as is practical.	YES
Adequate reinforcement shall be provided around all doors, windows and other openings in order to transfer stresses around these openings.	YES
All posts in body side and roof sections shall be of durable channel or box construction securely fastened to the underframe structure so that the entire frame shall act as one unit without any movement at the joinings. The end posts shall be designed to resist shear. Joints shall be rigid.	YES
A complete description of the frame, including a sketch, showing size, type, location, how frame is attached to chassis, etc. of frame members shall be available and submitted upon request.	YES
The body shall be of sufficient strength to support the entire weight of the fully-loaded vehicle on its top or side, if overturned. A copy of the FMVSS 220 roll over protection test results shall be available and submitted if requested.	YES
All interior panels shall be riveted, welded, or otherwise fastened to body frame. All interior panels, including roof panels or liner, shall be composed of a uniform appearing, easily cleanable, scuff-resistant material, similar to molded fiberglass, vinyl-clad metal sheeting, or painted metal sheeting. Carpeting used as a roof, side, or floor covering will not be allowed, except with prior approval. Exterior body seams shall be constructed in such a manner as to shed water.	YES
All exterior joints and seams shall be protected by the application of a caulking compound. The body shall be sealed and made tight to prevent entrance of dust or moisture into passenger and driver compartments. Before assembling, all metal body parts shall be given a thorough multiple stage anti-corrosion treatment. All nuts, bolts, clips, washers, clamps, and like fasteners shall be zinc or cadmium plates, phosphate coated or stainless steel to prevent corrosion. Exterior body panels shall be securely riveted, welded or fastened in place.	YES
The vehicle body shall be attached to the chassis frame in such a manner as to prevent shifting or separation of the body from the chassis under severe operating conditions.	YES
<u>FLOOR</u>	
The floor shall be metal sheeting covered with waterproof (marine grade) plywood not less than	YES

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
three-quarters (0.75) inch thick. The sheet metal shall be galvanized, aluminum or otherwise protected to deter rust.	
<u>FLOOR COVERING</u>	
All floor covering shall be securely bonded to the floor with fasteners and adhesive of waterproof type. All edges of floor covering are to be properly sealed to prevent entrance of moisture that could cause bulging, ply separation and/or material failure. All joints in floor covering shall be the butt cut type and floor covering shall be cemented to the floor to prevent bubbles or blisters which could create a safety hazard. The floor covering shall be hard fire-resistant gray colored rubber.	YES
The floor covering shall be OEM black, pebble grain floor mat in the driver's area.	YES
Skid-resistant ribbed flooring shall be provided in all mobility-aid positions. Thickness shall be measured from top of ribs of floor covering.	YES
A water type seal shall be provided at the junction of the floor covering with the sidewall panels and wheel housings; and shall be firmly attached to the floor and conform closely to the floor, sidewalls and wheel housings. Alternative methods to ensure a water-tight seal may be used with prior approval.	YES
All portions of the floor covering shall be the same material (differing only in whether or not it is ribbed and its thickness) and color.	YES
<u>INSULATION</u>	
The vehicle body shall be fully insulated in the roof and all body panels to deaden sound and reduce vibrations and heat transfers.	YES
The sidewalls of the vehicle shall be fully insulated with fiberglass or other fire-resistant insulation material to a minimum R-value of 6.	YES
The roof of the vehicle shall be fully insulated with fiberglass or other fire-resistant insulation material to a minimum R-value of 5.	YES
<u>EXTERIOR WIDTH</u>	
The width of the vehicle shall not exceed 86 inches at any point, excluding outside mirrors and rear fenders.	YES, PER ADDENDUM
<u>AXLES</u>	
The front and rear axles of the vehicle shall have the minimum weight ratings of 4,600 and 7,800 pounds respectively. The axles shall be of sufficient strength to carry without damage their share of the actual weight of the vehicle plus anticipated loads and stresses.	YES
<u>FRAME</u>	
Frame shall be of steel construction and shall be designed to correspond with or exceed standard practice performance criteria for vehicles of this type and for the vehicle weight and anticipated loads and stresses. Gross vehicle weight (GVW) rating shall be a minimum of 11,500 pounds.	YES
<u>SUSPENSION SYSTEM</u>	
Heavy-duty shock absorbers shall be installed on both the front and rear of the chassis. Springs	YES

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
shall be installed front and rear which are of sufficient strength to carry without damage their share of the actual weight of the vehicle plus anticipated loads and stresses. The suspension shall be strengthened as needed to prevent any listing or leaning to the side of the vehicle on which the lift is located.	
The vehicle shall have a Mor/Ryde "RL" suspension system (or approved equal)	YES
<u>WHEELBASE</u>	
The wheelbase length of the vehicle shall be a minimum of 138 inches.	
<u>ENGINE</u>	
The vehicle shall be equipped with a gasoline engine. The engine shall have a minimum of eight cylinders and meet or exceed a displacement of 410 cubic inches (6.8 liters).	Engine Displacement (cubic inches or liters) <u>415</u>
The engine shall be of heavy-duty design and construction. The engine shall be equipped with oil bath or replaceable element dry type air cleaner and replaceable element full flow oil filter.	YES
<u>TRANSMISSION</u>	
The vehicle shall be equipped with a minimum heavy-duty fully five speed automatic transmission with an external oil cooler.	YES
<u>COOLING SYSTEM</u>	
The cooling system will be of a capacity ample to keep the engine within a temperature range which will ensure continuous operation and peak performance under all operating conditions. The cooling system fan and water pump shall be of heavy-duty type. The cooling system shall be protected with permanent type antifreeze to twenty-five degrees below zero Fahrenheit.	YES
<u>EXHAUST SYSTEM</u>	
The vehicle shall be equipped with a heavy-duty truck type muffler and exhaust system and shall exit roadside (driver side of the vehicle). To facilitate this, the spare tire will be shipped loose.	YES
<u>BRAKES</u>	
The service brakes shall be anti-lock power Hydraulic brakes. Service brakes shall be provided on both front and rear wheels and shall be of the self-adjusting hydraulic type. Service brakes shall be disc type.	YES
A heavy-duty parking brake shall also be provided.	YES
<u>STEERING GEAR</u>	
Power steering shall be provided on the vehicle with tilt, multi-position steering wheel and speed (cruise) control.	YES
<u>HORNS</u>	

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
The vehicle shall be equipped with dual horns or a single horn to achieve a 111 decibel rating at 32 feet	YES PER ADDENDUM
<u>INSTRUMENT PANEL</u>	
The driver's instrument panel shall include, at least, a speedometer, odometer, upper beam headlight indicator, left and right turn signal indicator, fuel gauge, and ammeter or voltmeter. The instrument panel shall also contain either gauges or warning lights indicating oil pressure, brake system pressure and water temperature. The instrument panel shall be adequately lighted. The chassis manufacturer shall provide and cover instrument panel with plastic covering or equivalent in order to provide protection from precipitation from time of manufacture until body is mounted.	YES
<u>BACK-UP ALARM</u>	
The vehicle shall have an audible, repetitive alarm automatically sounding when the vehicle is moving backwards. The back-up alarm shall be mounted toward the rearmost part of the vehicle and protected from water and road spray.	YES
<u>AM/FM RADIO/CD PLAYER</u>	
Respondent shall provide an AM/FM stereo radio/cd player with a digital clock installed by the chassis or bus manufacturer and mounted on the appropriate location of the instrument panel, with four (4) speakers (two front, two rear).	YES
<u>ELECTRICAL SYSTEM</u>	
The electrical system shall be the 12 volt type. All electrical components shall be designed to function effectively under both normal driving conditions and conditions of high amperage requirements at idle speeds.	YES
<u>12 VOLT POWER OUTLET (CIGAR LIGHTER)</u>	
Respondent shall provide a 12 Volt power outlet.	YES
<u>ALTERNATOR</u>	
The generating system shall be the OEM standard alternating current type (heavy duty) with alternator capacity minimum 225 amps	YES
<u>BATTERY SYSTEM</u>	
Dual batteries with a minimum capacity of each battery of not less than 650 CCA.	Battery Capacity (CCA capacity) 650 CCA & 750 CCA=1400CCA TOTAL _____ —
The batteries shall be mounted in an accessible location, such as under the hood or in pull-out tray under the body, but shall not be mounted in the passenger compartment of the vehicle.	YES
Battery system cables, charging, service life, venting, storage, voltage drop, and installation shall follow SAE recommended practices as well as the criteria outlined in CFR49 393.30.	YES

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
<u>WIRING</u>	
All wiring shall be loomed, and held in place by insulated clamps spaced every 12 inches on center. Wiring shall be color, functioned and/or number coded. A spare wire of nominal size and rating shall be included in the main harness going to the rear of the bus. The wiring system shall in all respects meet the criteria set forth in CFR49 393.27 for specifications, 393.28 for protection, 393.29 for ground systems, 393.32 for detachable electrical connections and 393.33 for wiring installation.	YES
<u>LIGHTS, SIGNALS AND LIGHTING</u>	
The interior of the vehicle shall be adequately illuminated, and overhead lighting fixtures shall be arranged in such a manner that adequate lighting is provided at the reading plane of the passengers. The stepwell and doorway immediately adjacent to the driver shall have, when the door is open, at least 2 foot-candles of illumination measured on the step tread.	YES
All interior and exterior lighting (except for the chassis OEM lights) will be LED. Interior LED lights shall provide a minimum 12-foot candle illumination on a one square foot plane, measured at seat level (except as noted).	YES PER ADDENDUM
The stepwell and doorway lighting shall be flush mounted or shielded with clear lens.	YES
The other stepwells and doorways, including the doorway in which the ramp is installed, shall have, at all times, at least 2 foot-candles of illumination measured on the step tread, or lift, when deployed at the vehicle floor level.	YES
The vehicle doorways, including the doorway in which the lift is installed, shall have outside light(s) which, when the door is open, provide at least 1 foot-candle of illumination on the street surface for a distance of 3 feet perpendicular to all points on the bottom step tread outer edge. Such light(s) shall be located below window level and shielded to protect the eyes of entering and exiting passengers.	YES
The instrument panel shall be indirectly lighted.	YES
Headlights with high and low beam, turn signal lights, rear brake lights, and rear back-up light shall be provided. A four-way hazard warning flasher shall be connected with the turn signal lights. Roof marker lights shall be provided.	YES
The rear stop, tail and turn lights shall be flush mounted into the rear body of the bus. The assemblies shall be separate.	YES
<i>Center High Mount Brake Light:</i> In the back rear of the vehicle. Location to be specified by the Requesting Entity (above or below rear window).	YES
<i>Rear Amber Flashing Lights:</i> Driver accessible switch-operated amber flashing lights. These are to be separate from the turn signals and shall be mounted on the upper rear corners of the rear cap.	YES
<i>Additional Side Turn Signals:</i> Actuated by standard turn-signals.	YES
<u>BUMPER AND TOW HOOKS</u>	
Front bumpers are to be provided. Bumpers shall be of one piece construction and of the heavy-duty type. Front bumpers shall be of steel or steel-reinforced aluminum and shall be attached to the chassis frame. Bumpers shall either be chromed or painted black or white, or	YES

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
shall have an aluminum finish. Rear tow hooks or tow eyes, with the hooks or eyes and their mountings of sufficient strength to tow the vehicle, must be provided on the vehicle.	
Rear bumpers are to be provided. Bumpers shall be of one piece construction and of the heavy-duty type. An energy absorbing rear bumper of the HELP (Romeo Rim) type, or approved equal, shall be provided on the vehicle, in place of the standard rear bumper.	YES PER ADDENDUM
<u>HEATING SYSTEM</u>	
The heating system shall consist of at least one front and one rear high output unit type heater. The front heater shall be the chassis O.E.M. front unit located in the driver's area and the area heater shall have a minimum 35,000 BTU/Hr. rating and be located in the rear half of the passenger's compartment. All heaters shall have easily accessible driver controls to adjust temperature or heat output level and to turn the system on or off. All supplemental heater hoses shall be manufactured of silicon rubber. Chassis supplied hoses shall remain OEM.	YES
The heating system provided shall be capable of maintaining a minimum temperature of 60 degrees Fahrenheit throughout the driver and passenger areas of the vehicle at an outside ambient temperature of zero (0) Fahrenheit under normal operating conditions.	YES
Temperature-controlled heat shall be provided at the driver's feet.	YES
The rear heater (and any others) shall be installed in a parallel configuration with a heater control valve accessible to the driver. All hoses to and from the rear heater shall be supported by insulated clamps every 18 inches. Heater and associated hardware shall meet SAE standards and practices, and shall meet the applicable criteria of CFR49 393.77	YES
<u>AIR CONDITIONER</u>	
Air conditioning equipment shall be adequately sized for proper cooling during stop-and-go operation of the vehicle. Air conditioning equipment shall be capable of providing at least minimal operation at vehicle idling speeds. The air conditioning system shall be thermostatically controlled and shall have condenser fans capable of operating at vehicle idling speeds.	YES
The evaporator fans shall be of adequate size. The air conditioning system shall be capable of maintaining a temperature of 75 degrees Fahrenheit or less throughout the driver and passenger compartments of the vehicle with an outside ambient temperature of 95 degrees Fahrenheit and 50 percent relative humidity under normal operating conditions. The air conditioning equipment shall provide for cool air distribution for the full length of the passenger compartment. A complete description of the make and capacity (in BTU's) of the air conditioning system shall be provided with the proposal.	YES See Tab #11 Item 6 and 11(m)
The air conditioning system shall consist of:	
the chassis O.E.M. front air conditioning unit	YES
a rear ceiling-mounted unit	YES
dual compressors meeting the following requirement of BTU/Hour Minimum Rating 55,000	YES
The Respondent shall provide descriptive material of the air conditioning equipment proposed to be furnished as part of the proposal.	YES See Tab #11

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
	Item 6 and 11(m)
<u>FAST IDLE SOLENOID</u>	
A fast idle solenoid or equivalent system shall be installed on the vehicle. The system must permit higher engine RPM's while the vehicle is at rest without need of the driver to continuously depress the accelerator pedal. With transmission in Park, and parking brake set, fast idle will automatically increase RPMs to a pre-set level when a low voltage condition is detected.	YES
<u>INTERIOR MIRRORS</u>	
An interior rear-view mirror shall be provided with a minimum viewing area of 64 square inches.	YES
<u>EXTERIOR MIRRORS</u>	
Two powered, heated side-mounted exterior rear-view mirrors shall be provided, one on the left and one on the right side of the vehicle opposite the driver. The exterior rear-view mirrors shall be firmly supported and set to give a clear view past the left and right corners of the vehicle. The exterior mirrors support(s) must be of sufficient length to allow a clear view along the entire side of the vehicle. Each exterior rear view mirror shall be dual lens. The top lens shall be a flat mirror, measuring at least 6 inches by 9 inches. The bottom lens shall be a convex mirror measuring at least 6 inches by 3 inches. Mirror frames and supports shall have a corrosion-resistant finish. Mirrors shall meet SAE recommended standards and CFR49 393.80 as appropriate.	YES
<u>FRONT SERVICE ENTRANCE</u>	
A front service entrance shall be provided on the right side (i.e., curb side) of the vehicle directly opposite the driver's seat. The front service door shall have a minimum horizontal clear opening of 32.0 inches (measured between the opened door panels) and a minimum vertical opening of 75 inches. The sides of the front service entrance shall be vertical and parallel to each other.	YES
The front service door shall be closed by means of a driver-actuated power-operated door control.	YES
The front service entrance shall have at least two interior steps below floor level. Each step shall be at least 24 inches wide and have at least 9 inch tread depth at any location on the step. The first step height from the street level shall not be more than 12 inches from the ground as measured to top of step tread when the vehicle is empty except for seats and normal equipment.	YES
The tread surfaces of the front service entrance steps shall be covered with hard fire-resistance rubber covering. The rubber covering on tread surfaces shall be at least three-sixteenths (0.187) inch thick with ribbed surface. Thickness shall be measured from top of ribs of floor covering.	YES
The rubber covering shall be permanently bonded to the metal step surfaces and shall be properly sealed to prevent moisture from getting underneath. Step edges shall be marked in yellow. This includes the first step into the vehicle as well as the top of the last step at the intersection with the vehicle floor.	YES
The outer edge of the front service door shall be weather-stripped, as necessary, to provide a	YES

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
water-tight seal around the entire entryway including all steps. Suitable padding, to protect the heads of boarding or exiting passengers, shall be installed on the inside of the vehicle on the lintel of the front service entrance doorway. Any "gap" between the lowest part of the door(s) and the mating step surface greater than 3/8" shall be sealed by a thick rubber threshold seal or brush comb.	
<u>DRIVER ENTRANCE DOOR</u>	
A driver entrance door will be provided on the left side (i.e., driver's side) of the vehicle adjacent to the driver's seat. The entrance shall be hinged and of the sedan type and it shall be equipped with a key lock built into the door that may be locked to prevent opening of the door. The lock shall be such that it may be unlocked with the key from the outside. Also, if a driver entrance door is provided, pads or strips of skid-resistant material shall be installed in the step sill or on the step(s).	YES
An armrest on the left side must be provided for the driver. This armrest may be either attached to the left side of the vehicle or door or may be attached to the driver's seat.	YES
<u>MOBILITY AID ACCESS DOORS</u>	
An access door(s) shall be provided as specified.	YES
<u>WINDSHIELD</u>	
Tinted windshield with two speed electric windshield wipers with intermittent feature and windshield washers.	YES
<u>DRIVER WINDOWS</u>	
The driver shall be provided with an openable window on the left side. The driver's side window must be equipped with a locking device on the inside, unless it is the type which is rolled (i.e., cranked) up and down from the inside. If a driver entrance door is provided, the driver's side window shall be mounted in the driver entrance door.	YES
The driver also shall be provided with one or two windows located in the right side of the vehicle between the forward side of the front service entrance and the dashboard or windshield. The window(s) shall provide improved viewing to the right of the vehicle when the driver is seated in the driver seat. The total area of the window glass (the area of one window is only one window is provided or the sum of the areas if two are provided) shall be a minimum of 290 square inches.	YES
<u>WINDOWS</u>	
Side passenger windows shall be provided throughout the passenger compartment. All side passenger windows must be of "T" type. All "T" type windows shall be mounted top venting. Only exception would be for any required smaller body fill windows where full size windows could not be provided. These windows can have solid glass. Only one such type window can be used per side.	YES
All passenger service entrance doors shall contain windows of the fixed type.	YES
All window glass shall be of the safety type and shall be tinted. All window glass shall conform to Federal Motor Vehicle Safety Standard No. 205.	YES
At least one (1) window on each side will be an emergency exit window meeting FMVSS 217	YES

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
requirement.	
<u>REAR EMERGENCY EXIT DOOR</u>	
In lieu of a rear window. Provide a rear emergency exit door 35" x 58" or larger with upper and lower window in lieu of the rear emergency window specified. The door shall be marked with interior and exterior "Emergency Door" or "Emergency Exit" signage with 1" letters either applied above the door or on the upper most part of the top door window. The door shall also be identified with an interior red light. The light shall be mounted above the door and lighted at all times when the engine is running. The Respondent shall also provide a rear door ajar light and buzzer, driver viewable from the instrument panel	YES PER ADDENDUM
<u>FUEL TANK</u>	
A fuel tank(s) with a total capacity of not less than 30 gallons shall be provided.	Fuel Tank Capacity (gallons) <u> 40 </u>
The fuel tank(s) shall be of heavy-duty construction, adequately protected, and shall be mounted outside of the passenger compartment of the vehicle.	YES
<u>DRIVE SHAFT GUARD</u>	
Each drive shaft shall be equipped with a protective metal guard or guards to prevent whipping through the floor or dropping to the ground in the event of a tube or universal joint failure or if the drive shaft breaks.	YES
<u>SUN VISOR</u>	
The vehicle shall be equipped with a sun visor on the driver's side of the vehicle.	YES
<u>UNDERCOATING</u>	
The Respondent shall undercoat the entire underside of the vehicle body including undersides of fenders with fire-resistant asphalt base, rubber base, water base or equivalent undercoating material applied by spray method in order to seal, deaden sound, insulate and prevent oxidation. The undercoating material shall be applied in addition to the rustproofing compound or sealant and shall be applied after the rustproofing procedure has been completed.	YES
<u>PAINTING</u>	
All exposed metal surfaces, except aluminum, stainless steel and chrome must be painted.	YES
<u>EXTERIOR PAINT</u>	
The exterior color shall be white or off-white.	YES
<u>INTERIOR PAINT</u>	
All interior metal surfaces (except stainless steel, bright aluminum or chrome) which require maintaining shall be painted the same color. This includes the exposed interior metal surfaces, if any, of the side and rear doors. The interior color shall be color-keyed to the vehicle's	YES

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
exterior or interior color and shall harmonize with the color of the roof liner and any side paneling or other covering.	
<u>TIRES AND WHEELS</u>	
All tires shall be steel-belted radial tires. Dual or tandem rear wheels shall be provided on the vehicle. The vehicle shall be equipped with two front and four rear wheels and tires. A spare steel-belted radial tire and wheel shall be provided (shipped loose). All wheels shall be either chromed or painted to match the exterior color of the body. Heavy duty rubber mud flaps shall be provided on the front and rear tires.	YES
All tires and wheels, including the spare, shall be of the same type and size and shall be interchangeable. Tires and wheels shall be properly balanced and aligned.	YES
<u>EMERGENCY EQUIPMENT</u>	
The following equipment shall be provided on the vehicle.	YES
<i>Warning Devices:</i> Six (6) 30-minute road flares and three portable warning reflectors mountable on stands.	YES
<i>Fire Extinguisher:</i> One dry chemical fire extinguisher of at least five (5) pound capacity shall be furnished and shall be bracket mounted and easily accessible to the driver. The extinguisher shall be a multi-purpose A-B-C type.	YES
<i>First Aid Kit:</i> A first aid kit with a minimum of ten (10) different units (each unit shall be of a different type from every other unit) shall be furnished and mounted in a location easily accessible to the driver. The box or container shall not be considered as one of the 10 units.	YES
<i>OSHA Approved Body Fluid Clean Up Kit.</i>	YES
<i>Seat Belt Cutter</i>	YES
All equipment listed above, including road flares and reflectors, shall be firmly secured inside the vehicle to prevent any movement by them while the vehicle is in motion. The mounted location of any of the above equipment shall not interfere with the driver's or passengers' limbs or placement of feet or interfere with movement of passengers and/or wheelchairs or other mobility aids within the vehicle. Also, none of the equipment shall be mounted on a door.	YES
<u> AISLE </u>	
The aisle will provide a clear passageway not less than 16 inches wide from the front service door to the back of the passenger compartment.	YES
<u> HEADROOM </u>	
The inside body height of the vehicle from surface of floor covering to ceiling as measured at any point along the longitudinal center line or passenger aisleway shall not be less than 75 inches. If an air conditioning unit is provided, the minimum inside height may be less than 75 inches, as necessary for installation of the rear air conditioning unit, at the extreme rear of the vehicle only.	YES
<u> DRIVER'S SEAT </u>	

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
The driver's seat shall be the fully padded, high-back, contoured bucket type of heavy-duty construction. The driver's seat shall be easily adjusted forward and backward without the use of tools. The seat shall include a fold-up right armrest.	YES
<u>DIAMOND PLATE RUNNING BOARD</u>	
An aluminum running board shall be installed on the driver's side of the vehicle. The running board shall be of one-piece construction, rattle free, and extend from the rear of the front wheel to the rear of the driver's door. The minimum useable step depth shall be 8 inches.	YES
<u>OVERHEAD STORAGE COMPARTMENT</u>	
Located above and front of the driver's seat.	YES
<u>REGULAR PASSENGER SEATS</u>	
All regular passenger seats shall be forward-facing, mid-back bucket.	YES
Passenger seats shall be securely fastened to parts of vehicle that support them by means of bolting or other method which allows for their removal by use of common tools (i.e., welding is not acceptable). All passenger seats and supporting frames shall be of heavy-duty construction.	YES
Seat padding and covering shall be fire-resistant. Passenger seats shall be fully padded and shall be covered with commercial grade vinyl with a minimum weight of 32 ounces per linear yard.	YES
All seats backs and cushions in the vehicle shall be of the same color and pattern and shall be color-keyed to the vehicle's exterior color and shall harmonize with the vehicle's interior color.	YES
Passenger seat depth shall be at least 16 inches and the seating level at each passenger seat shall be approximately 18 inches, plus or minus 1/2 inch, above the floor. Passenger seats intended to seat two or more passengers abreast shall provide a minimum of 17 1/2 inches per passenger. The type of the seat back cushion at each passenger seat shall be between 32 inches and 38 inches above the floor (tops closer than 32 inches from the floor will not be accepted). The seat back cushion shall come close to the seat bottom cushion, and an interior angle of 97 degrees to 105 degrees shall be maintained.	YES
Passenger seats shall be arranged such that the unobstructed hip-to-knee room as measured at seat level, which is provided for each, seated passenger shall not be less than 26 inches. (Note, this is the minimal acceptable spacing, greater spacing may be provided.)	YES
Grab rails shall be provided on seats adjacent to the aisle, including fold away seats.	YES
Folding, molded armrests shall be provided on all fixed and fold away seats adjacent to an aisle.	YES
<u>SEAT BELTS AND SHOULDER HARNESS</u>	
A retractable seat belt and shoulder harness shall be provided at the driver's seat and a retractable seat belt (and shoulder harness where required) at each passenger seating position. All seat belt systems shall be a minimum of 44 inches long when measured, with the belts buckled, from the junction of the belt and seat cushion, around the passenger to the junction of the belt and seat cushion on the other side.	YES
<u>TWO (2) 12" SEAT BELT EXTENSIONS</u>	

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
Compatible with existing seat belts	YES
<u>MOBILITY AID POSITIONS</u>	
Mobility aid positions are spaces inside the vehicle for transporting persons in wheelchairs other mobility aids, which are to be provided on vehicles having lifts. Each position shall consist of a usable floor area in which a passenger in a wheelchair or other mobility aid may be positioned and in which a occupant restraint system and a set of securement devices are to be installed. All mobility aid positions shall be designed to secure wheelchairs or other mobility aids in a forward-facing position and shall be flush mounted with the floor.	YES
Each mobility aid position shall be at least 30 inches wide and 48 inches deep. The dimensions of these positions are intended to give adequate room for the final traveling position of the wheelchair or other mobility aid and its occupant AND sufficient room for the maneuverability of the wheelchair or other mobility aid into that position. The actual placement of the securement devices within the mobility aid position is described under "Securement System."	YES
<u>FLOOR PLAN</u>	
Passenger seats shall be arranged such that the unobstructed hip-to-knee room as measured at seat level, which is provided for each seated passenger, shall not be less than 26 inches.	YES
In determining locations of mobility aid positions, special attention should be paid to maintaining adequate aisle and passage widths within the vehicle. There shall be an unobstructed passageway at least 28 inches wide for the passage of wheelchairs or other mobility aids from the lift to all positions.	YES
If a mobility aid position (MAP) is located between the rear wheelwells, the MAP shall be placed (as close as practical) adjacent to the left rear wheelwell cover.	YES
An example of an acceptable floor plan for this vehicle is included in Section 3.2 of this Attachment. Other seating arrangements may be approved if all specifications are met.	YES
A two passenger fold away seat shall be installed just forward of the left rear wheelchair tiedown position.	YES
The vehicle shall have up to two (2) mobility-aid positions with seating for a minimum of eight (8) ambulatory passengers.	YES
<u>STANCHIONS, GRAB RAILS AND BARRIER PANELS</u>	
An overhead ceiling-mounted grab rail, placed over one side of the aisle, shall be provided for the full length of the vehicle's passenger aisleway.	YES
A grab rail shall be provided on each side (on the interior of the entryway) of the front service entrance doorway. Each front entryway grab rail shall be so positioned to permit easy use by passengers to assist them in embarking and debarking the vehicle. Grab rails shall be of minimum one and one-eighth (1 and 1/8) inch outside diameter stainless steel tubing. Grab rails shall not be padded.	YES
One vertical stanchion shall be mounted at the rear of the driver's seat next to the aisle. Another vertical stanchion as well as a barrier panel shall be installed at the rear of the front service entrance stepwell.	YES
All vertical stanchions shall extend from floor to ceiling or from floor to overhead grab rails.	YES

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
Stanchions shall be of minimum one and one-fourth (1.25) inches outside diameter stainless steel tubing.	
Barrier panels shall be adequately reinforced and shall be padded on any side facing passenger seating positions.	YES
<u>INTERIOR (OTHER)</u>	
The interior of the vehicle shall be free of all projections. All sharp edged, protruding fasteners and brackets that could cause injury to passengers or catch hold of clothing shall be covered. The interior walls and ceiling of the vehicle shall be completely finished. The sidewalls and ceiling shall be covered with vinyl-clad metal, reinforced fiberglass, or other material standard to the industry such that a scratch-resistant, durable, and easily cleanable surface is provided. Carpeting is not allowed in the vehicle interior, except with prior approval.	YES
<u>INTERIOR WIDTH</u>	
The vehicle shall have a minimum interior width, measured at seat cushion level, of 81 inches.	YES
<u>SIGNAGE</u>	
Each vehicle shall contain sign(s) which indicate that seats in the front of the vehicle are priority seats for persons with disabilities, and that other passengers should make such seats available to those who wish to use them. At least one set of forward-facing seats shall be so designated. Each securement location shall have a sign designating it as such.	YES
Characters on such signs shall have a width-to-height ratio between 3:5 and 1:1 and a stroke width-to-height between 1:5 and 1:10, with a minimum character height (using an upper case "X") of 5/8 inch, with "wide" spacing (generally, the space between letters shall be 1/16 the height of upper case letters), and shall contrast with the background either light-on-dark or dark-on-light.	YES
<u>VEHICLE CLEARANCE STICKER</u>	
A vehicle clearance sticker indicating the maximum height of the vehicle shall be provided and located in easy view of the driver.	YES
<u>MOBILITY AID SYSTEM</u>	
A mobility aid system for users of wheelchairs or other mobility aids shall be provided on all vehicles. The system shall permit persons to enter and leave the vehicle while in a wheelchair or other mobility aid by means of a vertical lifting platform or lift and also provide for the safe transportation these persons inside the vehicle.	YES
The components of the mobility aid system shall include the following:	
Lift	YES
Securement system	YES
Occupant restraint system	YES
Any and all modifications required to the exterior and interior of the vehicle to provide a complete, functioning system.	YES
All parts shall be new. All necessary servicing and adjustments shall be made on the equipment	YES

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
prior to delivery of the vehicles. All equipment shall be ready for immediate and continuous operation upon delivery of the vehicle. All exposed metal surfaces shall be painted or shall be corrosion-resistant. All lift components (including wiring) located on the underside of the vehicle shall be concealed but accessible for maintenance purposes. All interior wiring shall be concealed.	
Option Must Be Available Upon Request: Delete Lift. Delete wheelchair lift and wheelchair entry door. Replace forward-facing flip seats and wheelchair lift/securement with forward-facing aisle seats. Total seated capacity shall be 12 plus the driver. Delete all other lift related items.	YES
<u>WHEELCHAIR LIFT</u>	
An automatic wheelchair lift will be located on the right (curb) side of the vehicle behind the rear axle and will conform to the specifications as outlined in the Americans with Disabilities Act (ADA) regulations Subpart B - Buses, Vans and Systems, 38.23 Mobility Aid accessibility (b) Vehicle Lift, pages 45757 - 45758.	YES
The lift will be supplied with a platform having a usable minimum clear width of 32 inches on the platform surface, a minimum clear width of 34 inches measured 2 inches above the platform surface to 30 inches above the platform surface, and a minimum clear length of 48 inches measured 2 inches above the platform surface to 30 inches above the platform surface.	YES
The lift controls shall be interlocked with the vehicle brakes, transmission, or door, or shall provide other appropriate mechanisms or systems, to ensure that the vehicle cannot be moved when the lift is not stowed and so the lift cannot be deployed unless the interlocks or systems are engaged. The lift shall deploy to all levels (i.e., ground, curb and intermediate positions) normally encountered in the operating environment. Where provided, each control for deploying, lowering, raising and stowing the lift and lowering the roll-off barrier shall be of a momentary contact type requiring continuous manual pressure by the operator.	YES
The wheelchair lift must conform to FMVSS #403 and 404.	YES
Lift shall be rated at 1,000 # lifting capacity. Braun NCL1000IB3454HB-2 or approved equivalent.	YES
The control unit shall be a box with a function switch (for the folding and unfolding of the platform), an operating switch (for the raising and lowering of the platform), or a combination thereof. The control unit may also have a power switch. The controls for the operation of the lift shall be designed for both portable and stationary operation. The control unit shall be supplied with a flexible cut resistant control cable of sufficient length to allow the lift operator to have a hand on the wheelchair or other mobility aid, and control the lift platform through all operations, and allow the lift operator to be on the vehicle during the lift operation.	YES
The control unit shall have simple instructions placed in an easily read location while the operator is standing near the lift with the controls in hand, they should be able to clearly read the instructions and cautions.	YES
The method of hanging the control unit, when not in use, out of the way of the lowered platform, shall be provided. The hanger provision shall be easily reached by the lift attendant while standing at the ground level. Control switch may be either toggle, rocker or push-button type and shall be spring loaded to automatically return to the off position when pressure is released.	YES

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
The Respondent shall provide descriptive material of the lift equipment proposed to be furnished <u>as part of the proposal</u> .	YES See Tab 11, Item 11 (i)
<u>DOORS, STEPS AND THRESHOLDS</u>	
Shall conform to the specifications outlined in the ADA regulations Subpart B - Buses, Vans and Systems, 38.25 Doors, steps and thresholds, page 45759.	YES
The lift shall be installed in a separate entryway exclusively for the lift. All components of the lift mechanism shall be located in the vehicle or shall retract inside the vehicle such that, when the doors for the opening are closed, the side of the vehicle will present a smooth surface. No part of the installed and stowed lift shall extend laterally beyond the normal width of the vehicle. The lift shall not contact the opened door and/or door frame during deployment and normal operation.	YES
The opening shall have two doors of the type hinged at the side which fully seal the body opening when closed.	YES
Provisions shall be made for fastening the door or doors in a wide open position. In addition, door posts, headers and all floor sections around the opening shall be reinforced such that the strength and support of the body at the opening is at least equivalent to that provided on the same type of vehicle without such an opening. A locking device shall be provided on the lift opening doors which prevents opening the doors from the outside when locked.	YES
The opening for the lift shall have a minimum vertical clear opening measured from the lift platform at the vehicle floor level of 68 inches. No portion of the lift mechanism shall encroach upon the minimum vertical clear opening. Suitable padding, to protect the heads of wheelchair or other mobility aid users, shall be installed on the inside vehicle on the lintel of the doorway or the lift's crossarm, whichever is lower. A light shall be installed inside the vehicle over the lift area.	YES
<u>PRIORITY SEATING SIGNS</u>	
Shall conform to the specifications outlined in the ADA regulations Subpart B - Buses, Vans and Systems, 38.27 Priority seating signs, page 45759.	YES
<u>INTERIOR CIRCULATION, HANDRAILS AND STANCHIONS</u>	
Shall conform to the specifications outlined in the ADA regulations Subpart B - Buses, Vans and Systems, 38.29 Interior Circulation, handrails and stanchions, pages 45759 - 45760.	YES
<u>LIGHTING</u>	
Shall conform to the specifications outlined in the ADA regulations Subpart B - Buses, Vans and Systems, 38.31 Lighting, pages 45760.	YES
<u>SECUREMENT SYSTEM</u>	
At each mobility aid position a securement system shall be provided to securely hold a wheelchair or other mobility aid in the position. This system shall be composed of a complete belt-track system Q-Straint Model # Q-10007 Retractable Securement System with "L" slider track (flanged). Systems by other manufacturers may be accepted with prior approval.	YES
The securement system shall be placed as near to the accessible entrance as practicable and	YES

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
shall have a clear floor area of 30 inches by 48 inches. Such space shall adjoin, and may overlap, an access path. Not more than 6 inches of the required clear floor space may be accommodated for footrests under another seat provided there is a minimum of 9 inches from the floor to the lowest part of the seat overhanging the space.	
At each mobility aid position a four point attachment system shall be used consisting of four separate belts with all necessary buckles, hardware, fittings and other parts to make it a complete securement system.	YES
The securement system and their attachments to the vehicle shall restrain a force in the forward longitudinal direction of up to 2,500 pounds per securement leg and a minimum of 5,000 pounds for each mobility aid. In addition, the securement system shall meet the "30mph/20g standard" developed at the University of Michigan. Test results verifying these requirements shall be available and, if requested, a copy shall be submitted.	YES
The securement system and their attachments to the vehicle shall restrain a force in the forward longitudinal direction of up to 2,500 pounds per securement leg and a minimum of 5,000 pounds for each mobility aid. In addition, the securement system shall meet the "30mph/20g standard" developed at the University of Michigan. Test results verifying these requirements shall be available and, if requested, a copy shall be submitted.	YES
A minimum of two tracks each of sufficient length for proper attachment and positioning of the belts shall be placed parallel to each other and perpendicular to the direction in which the MAP faces. "L" track must run full width of vehicle for the back two wheel chair positions.	YES
The distance between centerlines of the tracks shall be approximately 46 inches.	YES
The tracks shall be securely flush mounted to the floor of the vehicle in such a way as to insure the track will not pull away from the van floor or shift position under anticipated loads. The flush-mounted tracks shall have no gaps between the ends or sides of the track and the floor covering. The vehicle floor anchorage for the securement system shall be capable of withstanding a tensile load of 6,000 lbs. applied at a 45 degree angle at each track or floor plate slot when tested with the applicable track fitting. Test results to verify this requirement shall be available and, if requested, a copy shall be submitted to INDOT.	YES
When the wheelchair or mobility aid is secured in accordance with manufacturer's instructions, the securement system shall limit the movement of an occupied wheelchair or mobility aid to no more than 2 inches in any direction under normal vehicle operating conditions.	YES
In addition, two storage pouches shall be provided to store the straps and buckles off the floor when they are not in use. The stored straps and the securement tracks shall not interfere with passenger movement or sitting space, shall not present any hazardous condition, shall be reasonably protected from vandalism, and shall be readily accessed when needed for use.	YES
Q-Straint Q5-8522, Sure-lok FE 201145 or approved equal. One storage pouch per each wheelchair tiedown position.	YES
The Respondent shall provide with each vehicle upon delivery a pamphlet, brochure or similar literature describing (and instructing) the use of the securement system.	YES
The Respondent shall submit <u>with the proposal</u> a description, in detail, with supporting drawings (may be clear hand-drawn sketches) and literature showing the type and location of the securement system to be furnished.	YES See Tab 11, Item #11 (j)

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
<u>WEBBING LOOPS</u>	
Q-Straint Q5-7580, Sure-Lok FE-200750 or approved equal. To assist with securement of electric wheelchairs. Four webbing loops per each wheelchair position.	YES
<u>DEMONSTRATE USE OF SECUREMENT SYSTEM</u>	
The Respondent shall provide with each vehicle upon delivery a pamphlet/brochure and video or DVD describing (and instructing) the use of the securement system and shall demonstrate to the recipient the proper method of using the system.	YES
Demonstration of use of the securement system must be performed to ensure correct use of the belt-track system.	YES
As part of the instruction process, the instructor shall have the student actually use the securement system and tie down a mobility aid in its proper location in the vehicle. Arrangements for having a wheelchair or other mobility aid should be made with the receiving agency prior to delivery of the vehicle. This process ("hands on" instruction) shall be repeated until the student completely understands the system's use and will be able to instruct others in its use.	YES
Adequate time shall be allowed to accomplish this instruction and costs shall be included in the proposal price for the basic vehicle.	YES
<u>OCCUPANT RESTRAINT SYSTEM</u>	
A restraint system shall be provided for the occupant of a wheelchair or other mobility aid at each securement position.	YES
The occupant restraint system shall be a seat belt and shoulder harness assembly, complying with all applicable provisions of 49 CFR Part 571, attached to the floor or side of the vehicle. A retractor shall be provided to keep the belt webbing and straps off the floor when the belt is not in use.	YES
The Respondent shall provide descriptive material of the occupant restraint system to be furnished <u>as part of the proposal</u> .	YES See Tab #11, Item #11(k)
<u>TESTING</u>	
The vehicle shall be thoroughly inspected and tested during construction and upon completion to ensure all equipment is installed and operating properly. Tests shall be performed to ensure that the completed vehicle is dust-proof, watertight, fume-proof and all vehicle and equipment fluids as per specifications.	YES
<u>MAINTENANCE AND INSPECTION SCHEDULE</u>	
Upon delivery the successful Respondent shall furnish a detailed maintenance and inspection schedule for the vehicle. The maintenance and inspection schedule shall incorporate the required maintenance and inspection of the basic vehicle and of its subsystems (e.g., lift) as prescribed by the respective manufacturers.	YES
<u>SERVICE POLICY AND WARRANTY</u>	
The successful Respondent shall furnish with each vehicle the manufacturer's owner service	YES

Small Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
policy and warranty for the vehicle body, the vehicle chassis, and all additional equipment.	
The owner service policies and warranties shall be recognized and accepted by local authorized service representatives.	YES
The vehicle warranty shall provide that, at a minimum, all body and chassis repairs and replacement parts needed due to factory defects shall be furnished and installed promptly without charge by authorized service representatives within the first three years or first 10,000 miles after final delivery of the vehicle. The vehicle warranty also shall provide that, at a minimum, all necessary body and chassis service adjustments shall be made promptly without charge by authorized service representatives within the first 90 days after final delivery of the vehicle. The vehicle warranty requirements shall cover all components of the vehicle body and chassis, except as otherwise specified.	YES PER ADDENDUM
Tires shall be covered with the warranty that is standard to the industry, at a minimum. The lift system shall be covered by a warranty providing that, at a minimum, all replacement parts and repairs to the lift system (including lift platform mechanisms, power unit and controls) needed due to defects in material or workmanship shall be furnished and installed promptly without charge by authorized service representatives within the first year or first 12,000 miles after final delivery of the vehicle.	YES PER ADDENDUM
Air conditioning and seats shall be covered by a warranty providing that, at a minimum, all replacement parts and repairs needed due to defects in material or workmanship shall be provided without charge within the first year or first 12,000 miles after final delivery of the vehicle.	YES PER ADDENDUM
<u>COMPLIANCE WITH OEM</u>	
Any modifications made by the body manufacturer shall comply with the OEM chassis manufacturer's specifications and requirements. For example, the Ford "Qualified Vehicle Modifier" program.	YES
<u>WARRANTY WORK</u>	
It is recognized that the vehicle and associated on board equipment warranty responsibility may be divided among more than one warranting agency. However, if after the authorized factory service representative for a particular item has been contacted and satisfactory warranty repair cannot be obtained, it shall be the successful Respondent's responsibility to act as liaison for the agency in obtaining warranty repair to ensure the vehicle is placed in operable condition without unnecessary delay.	YES

2.3. Specification Compliance Checklist - Large Transit Vehicle

STARTRANS SENATOR II

In the yellow shaded boxes, please confirm the Respondent meets each Vehicle Specification by adding a "Yes" or "No", unless otherwise specified. Please refer to Section 1.6.1 of the RFP for how to submit questions or concerns about any of the specifications, or to request an exception to the specifications.

The fact that every item constituting the construction of the unit is not specifically mentioned nor described will be interpreted to mean that the Respondent shall install items that conform to the **best known engineering standards of the trade, relative to design, strength, quality, and workmanship.**

Furthermore, each unit is to be delivered fully equipped, with all manufacturer's standard equipment and accessories, unless otherwise requested. This equipment must meet the latest federal safety regulations.

Please note that Tab D of the Cost Proposal contains additional optional equipment for which the Respondent must provide a cost addition or reduction.

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
<u>BODY AND CHASSIS REQUIREMENTS</u>	
This vehicle shall be of the "body on chassis" type and will involve construction of a bus body on a heavy duty cut-away van chassis or a light or medium duty truck chassis. The vehicle body shall be manufactured by a body manufacturer for transit application, not "converted" or "modified" to a transit vehicle from a sports van, passenger van or wagon, delivery vehicle, school bus, recreational vehicle or similar vehicle. Body construction shall be conventional type (panels on structural metal frames) as described below.	YES
<u>BODY CONSTRUCTION</u>	
Structural body members shall be all metal. The metal used in construction of the vehicle body shall be prime commercial quality steel (18 gauge minimum). All other metal shall be zinc-coated steel, aluminum-coated steel, stainless steel, galvanized steel, aluminum or aluminum alloy.	YES
Fiberglass may be used for the construction of the exterior panels ("outer skin") of the body/or the roof "cap") as long as they are securely fastened to metal interior structural members, as specified, and conform to all applicable Federal Motor Vehicle Safety Standards (FMVSS).	YES
The body structure shall be adequately reinforced at all points and corners where stress concentrations may occur, to adequately carry required loads and withstand road shock. The side and end forming shall be so designed and constructed that they will carry their share of the stresses imposed without damage and absorb excessive impacts with as little damage as is practical.	YES
Adequate reinforcement shall be provided around all doors, windows and other openings in order to transfer stresses around these openings.	YES
All posts in body side and roof sections shall be of durable channel or box construction securely fastened to the underframe structure so that the entire frame shall act as one unit without any movement at the joinings. The end posts shall be designed to resist shear. Joints shall be rigid.	YES
A complete description of the frame, including a sketch, showing size, type, location, how frame is attached to chassis, etc. of frame members shall be available and submitted upon request.	YES
The body shall be of sufficient strength to support the entire weight of the fully-loaded vehicle on its top or side, if overturned. A copy of the FMVSS 220 roll over protection test results shall be available and submitted if requested	YES
All interior panels shall be riveted, welded, or otherwise fastened to body frame. All interior panels, including roof panels or liner, shall be composed of a uniform appearing, easily cleanable, scuff-resistant material, similar to molded fiberglass, vinyl-clad metal sheeting, or painted metal sheeting. Carpeting used as a roof, side, or floor covering will not be allowed, except with prior approval. Exterior body seams shall be constructed in such a manner as to shed water.	YES

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
All exterior joints and seams shall be protected by the application of a caulking compound. The body shall be sealed and made tight to prevent entrance of dust or moisture into passenger and driver compartments. Before assembling, all metal body parts shall be given a thorough multiple stage anti-corrosion treatment. All nuts, bolts, clips, washers, clamps, and like fasteners shall be zinc or cadmium plated, phosphate coated or stainless steel to prevent corrosion. Exterior body panels shall be securely riveted, welded or fastened in place.	YES
The vehicle body shall be attached to the chassis frame in such a manner as to prevent shifting or separation of the body from the chassis under severe operating conditions.	YES
<u>FLOOR</u>	
The floor shall be metal sheeting covered with waterproof (marine grade) plywood not less than three-quarters (0.75) inch thick. The sheet metal shall be galvanized, aluminum or otherwise protected to deter rust.	YES
<u>FLOOR COVERING</u>	
All floor covering shall be securely bonded to the floor with fasteners and adhesive of waterproof type. All edges of floor covering are to be properly sealed to prevent entrance of moisture that could cause bulging, ply separation and/or material failure. All joints in floor covering shall be the butt cut type and floor covering shall be cemented to the floor to prevent bubbles or blisters which could create a safety hazard. The floor covering shall be hard fire-resistant gray colored rubber.	YES
The floor covering shall be OEM black, pebble grain floor mat in the driver's area.	YES
Skid-resistant ribbed flooring shall be provided in all mobility-aid positions. Thickness shall be measured from top of ribs of floor covering.	YES
A water type seal shall be provided at the junction of the floor covering with the sidewall panels and wheel housings; and shall be firmly attached to the floor and conform closely to the floor, sidewalls and wheel housings. Alternative methods to ensure a water-tight seal may be used with prior approval.	YES
All portions of the floor covering shall be the same material (differing only in whether or not it is ribbed and its thickness) and color.	YES
<u>INSULATION</u>	
The vehicle body shall be fully insulated in the roof and all body panels to deaden sound and reduce vibrations and heat transfers.	YES
The sidewalls of the vehicle shall be fully insulated with fiberglass or other fire-resistant insulation material to a minimum R-value of 6.	YES
The roof of the vehicle shall be fully insulated with fiberglass or other fire-resistant insulation material to a minimum R-value of 5.	YES
<u>EXTERIOR WIDTH</u>	
The width of the vehicle shall not exceed 96 inches at any point, excluding outside mirrors and rear fenders.	YES

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
<u>AXLES</u>	
The front and rear axles of the vehicle shall have the minimum weight ratings of 5,000 and 9,500 pounds respectively. The axles shall be of sufficient strength to carry without damage their share of the actual weight of the vehicle plus anticipated loads and stresses.	YES
<u>FRAME</u>	
Frame shall be of steel construction and shall be designed to correspond with or exceed standard practice performance criteria for vehicles of this type and for the vehicle weight and anticipated loads and stresses. Gross vehicle weight (GVW) rating shall be a minimum of 14,500 pounds.	YES
<u>SUSPENSION SYSTEM</u>	
Heavy-duty shock absorbers shall be installed on both the front and rear of the chassis. Springs shall be installed front and rear which are of sufficient strength to carry without damage their share of the actual weight of the vehicle plus anticipated loads and stresses. The suspension shall be strengthened as needed to prevent any listing or leaning to the side of the vehicle on which the lift is located.	YES
The vehicle shall have a Mor/Ryde "RL" suspension system (or approved equal).	YES
<u>WHEELBASE</u>	
The wheelbase length of the vehicle shall be a minimum of 176 inches.	YES
<u>ENGINE</u>	
The vehicle shall be equipped with a gasoline engine. The engine shall have a minimum of eight cylinders and meet or exceed a displacement of 410 cubic inches (6.8 liters).	Engine Displacement (cubic inches or liters): <u> 415 </u>
The engine shall be of heavy-duty design and construction. The engine shall be equipped with oil bath or replaceable element dry type air cleaner and replaceable element full flow oil filter.	YES
<u>TRANSMISSION</u>	
The vehicle shall be equipped with a minimum heavy-duty fully four speed automatic transmission with an external oil cooler.	YES
<u>COOLING SYSTEM</u>	
The cooling system will be of a capacity ample to keep the engine within a temperature range which will ensure continuous operation and peak performance under all operating conditions. The cooling system fan and water pump shall be of heavy-duty type. The cooling system shall be protected with permanent type antifreeze to twenty-five degrees below zero Fahrenheit.	YES

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
<u>EXHAUST SYSTEM</u>	
The vehicle shall be equipped with a heavy-duty truck type muffler and exhaust system and shall exit roadside (driver side of the vehicle). To facilitate this, the spare tire will be shipped loose.	YES
<u>BRAKES</u>	
The service brakes shall be anti-lock power Hydraulic brakes. Service brakes shall be provided on both front and rear wheels and shall be of the self-adjusting hydraulic type. Service brakes shall be disc type.	YES
A heavy-duty parking brake shall also be provided.	YES
<u>STEERING GEAR</u>	
Power steering shall be provided on the vehicle with tilt, multi-position steering wheel and speed (cruise) control.	YES
<u>HORNS</u>	
The vehicle shall be equipped with dual horns or a single horn to achieve a 111 decibel rating at 32 feet.	YES PER ADDENDUM
<u>INSTRUMENT PANEL</u>	
The driver's instrument panel shall include, at least, a speedometer, odometer, upper beam headlight indicator, left and right turn signal indicator, fuel gauge, and ammeter or voltmeter. The instrument panel shall also contain either gauges or warning lights indicating oil pressure, brake system pressure and water temperature. The instrument panel shall be adequately lighted. The chassis manufacturer shall provide and cover instrument panel with plastic covering or equivalent in order to provide protection from precipitation from time of manufacture until body is mounted.	YES
<u>BACK-UP ALARM</u>	
The vehicle shall have an audible, repetitive alarm automatically sounding when the vehicle is moving backwards. The back-up alarm shall be mounted toward the rearmost part of the vehicle and protected from water and road spray.	YES
<u>AM/FM RADIO/CD PLAYER</u>	
Respondent shall provide an AM/FM stereo radio/cd player with a digital clock installed by the chassis or bus manufacturer and mounted on the appropriate location of the instrument panel with four (4) speakers (two front, two rear).	YES
<u>ELECTRICAL SYSTEM</u>	
The electrical system shall be the 12 volt type. All electrical components shall be designed to function effectively under both normal driving conditions and conditions of high amperage requirements at idle speeds.	YES

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
<u>12 VOLT POWER OUTLET (CIGAR LIGHTER)</u>	
Respondent shall provide a 12 Volt power outlet.	YES
<u>ALTERNATOR</u>	
The generating system shall be the OEM standard alternating current type (heavy duty) with alternator capacity minimum 225 amps.	YES
<u>BATTERY SYSTEM</u>	
Dual batteries with a minimum capacity of each battery of not less than 650 CCA.	YES
The batteries shall be mounted in an accessible location, such as under the hood or in a pull-out tray under the body, but shall not be mounted in the passenger compartment of the vehicle.	Battery Capacity (CCA capacity): 650 & 750 CCA=1400CCA TOTAL
Battery system cables, charging, service life, venting, storage, voltage drop, and installation shall follow SAE recommended practices as well as the criteria outlined in CFR49 393.30.	YES
<u>WIRING</u>	
All wiring shall be loomed, and held in place by insulated clamps spaced every 12 inches on center. Wiring shall be color, functioned and/or number coded. A spare wire of nominal size and rating shall be included in the main harness going to the rear of the bus. The wiring system shall in all respects meet the criteria set forth in CFR49 393.27 for specifications, 393.28 for protection, 393.29 for ground systems, 393.32 for detachable electrical connections and 393.33 for wiring installation.	YES
<u>LIGHTS, SIGNALS AND LIGHTING</u>	
The interior of the vehicle shall be adequately illuminated, and overhead lighting fixtures shall be arranged in such a manner that adequate lighting is provided at the reading plane of the passengers. The stepwell and doorway immediately adjacent to the driver shall have, when the door is open, at least 2 foot-candles of illumination measured on the step tread.	YES
All interior and exterior lighting (except for the chassis OEM lights) will be LED. Interior LED lights shall provide a minimum 12-foot candle illumination on a one square foot plane, measured at seat level (except as noted).	YES PER ADDENDUM
The stepwell and doorway lighting shall be flush mounted or shielded with clear lens.	YES
The other stepwells and doorways, including the doorway in which the ramp is installed, shall have, at all times, at least 2 foot-candles of illumination measured on the step tread, or lift, when deployed at the vehicle floor level.	YES
The vehicle doorways, including the doorway in which the lift is installed, shall have outside light(s) which, when the door is open, provide at least 1 foot-candle of illumination on the street	YES

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
surface for a distance of 3 feet perpendicular to all points on the bottom step tread outer edge. Such light(s) shall be located below window level and shielded to protect the eyes of entering and exiting passengers.	
The instrument panel shall be indirectly lighted.	YES
Headlights with high and low beam, turn signal lights, rear brake lights, and rear backup light shall be provided. A four-way hazard warning flasher shall be connected with the turn signal lights. Roof marker lights shall be provided.	YES
The rear stop, tail and turn lights shall be flush mounted into the rear body of the bus. The assemblies shall be separate.	YES
<i>Center High Mount Brake Light:</i> In the back rear of the vehicle. Location to be specified by the Requesting Entity (above or below rear window).	YES
<i>Rear Amber Flashing Lights:</i> Driver accessible switch-operated amber flashing lights. These are to be separate from the turn signals and shall be mounted on the upper rear corners of the rear cap.	YES
<i>Additional Side Turn Signals:</i> Actuated by standard turn-signals	YES
<u>BUMPER AND TOW HOOKS</u>	
Front and rear bumpers are to be provided. Bumpers shall be of one piece construction and of the heavy-duty type. Bumpers shall be of steel or steel-reinforced aluminum and shall be attached to the chassis frame. Bumpers shall either be chromed or painted black or white, or shall have an aluminum finish. Rear tow hooks or tow eyes, with the hooks or eyes and their mountings of sufficient strength to tow the vehicle, must be provided on the vehicle.	YES
An energy absorbing rear bumper of the HELP (Romeo Rim) type, or approved equal, shall be provided on the vehicle, in place of the standard rear bumper.	YES PER ADDENDUM
<u>HEATING SYSTEM</u>	
The heating system shall consist of at least one front and one rear high output unit type heater. The front heater shall be the chassis O.E.M. front unit located in the driver's area and the area heater shall have a minimum 45,000 BTU/Hr. rating and be located in the rear half of the passenger's compartment. All heaters shall have easily accessible driver controls to adjust temperature or heat output level and to turn the system on or off. All supplemental heater hoses shall be manufactured of silicon rubber. Chassis supplied hoses shall remain OEM.	YES
The heating system provided shall be capable of maintaining a minimum temperature of 60 degrees Fahrenheit throughout the driver and passenger areas of the vehicle at an outside ambient temperature of zero (0) Fahrenheit under normal operating conditions.	YES
Temperature-controlled heat shall be provided at the driver's feet.	YES
The rear heater (and any others) shall be installed in a parallel configuration with a heater control valve accessible to the driver. All hoses to and from the rear heater shall be supported by insulated clamps every 18 inches. Heater and associated hardware shall meet SAE standards and practices, and shall meet the applicable criteria of CFR49 393.77	YES

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
<u>AIR CONDITIONER</u>	
Air conditioning equipment shall be adequately sized for proper cooling during stop-and-go operation of the vehicle. Air conditioning equipment shall be capable of providing at least minimal operation at vehicle idling speeds. The air conditioning system shall be thermostatically controlled and shall have condenser fans capable of operating at vehicle idling speeds.	YES
The evaporator fans shall be of adequate size. The air conditioning system shall be capable of maintaining a temperature of 75 degrees Fahrenheit or less throughout the driver and passenger compartments of the vehicle with an outside ambient temperature of 95 degrees Fahrenheit and 50 percent relative humidity under normal operating conditions. The air conditioning equipment shall provide for cool air distribution for the full length of the passenger compartment. A complete description of the make and capacity (in BTU's) of the air conditioning system shall be provided with the proposal.	YES See Tab #11 Item 6 and 11 (m)
The air conditioning system shall consist of:	
The chassis O.E.M. front air conditioning unit	YES
A rear ceiling-mounted unit	YES
Dual compressors meeting the requirement of BTU/Hour Minimum Rating 65,000	YES
The Respondent shall provide descriptive material of the air conditioning equipment proposed to be furnished as part of the proposal.	YES See Tab #11 item 6 and 11(m)
<u>FAST IDLE SOLENOID</u>	
A fast idle solenoid or equivalent system shall be installed on the vehicle. The system must permit higher engine RPM's while the vehicle is at rest without need of the driver to continuously depress the accelerator pedal. With transmission in Park, and parking brake set, fast idle will automatically increase RPMs to a pre-set level when a low voltage condition is detected.	YES
<u>INTERIOR MIRRORS</u>	
An interior rear-view mirror shall be provided with a minimum viewing area of 64 square inches.	YES
<u>EXTERIOR MIRRORS</u>	
Two powered, heated side-mounted exterior rear-view mirrors shall be provided, one on the left and one on the right side of the vehicle opposite the driver. The exterior rear-view mirrors shall be firmly supported and set to give a clear view past the left and right corners of the vehicle. The exterior mirrors support(s) must be of sufficient length to allow a clear view along the entire side of the vehicle. Each exterior rear view mirror shall be dual lens. The top lens shall be a flat mirror, measuring at least 6 inches by 9 inches. The bottom lens shall be a convex mirror measuring at least 6 inches by 3 inches. Mirror frames and supports shall have a corrosion-resistant finish. Mirrors shall meet SAE recommended standards and CFR49 393.80	YES

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
as appropriate.	
<u>FRONT SERVICE ENTRANCE</u>	
A front service entrance shall be provided on the right side (i.e., curb side) of the vehicle directly opposite the driver's seat. The front service door shall have a minimum horizontal clear opening of 32.0 inches (measured between the opened door panels) and a minimum vertical opening of 75 inches. The sides of the front service entrance shall be vertical and parallel to each other.	YES
The front service door shall be closed by means of a driver-actuated power-operated door control.	YES
The front service entrance shall have at least two interior steps below floor level. Each step shall be at least 24 inches wide and have at least 9 inch tread depth at any location on the step. The first step height from the street level shall not be more than 12 inches from the ground as measured to top of step tread when the vehicle is empty except for seats and normal equipment.	YES
The tread surfaces of the front service entrance steps shall be covered with hard fire-resistance rubber covering. The rubber covering on tread surfaces shall be at least three-sixteenths (0.187) inch thick with ribbed surface. Thickness shall be measured from top of ribs of floor covering.	YES
The rubber covering shall be permanently bonded to the metal step surfaces and shall be properly sealed to prevent moisture from getting underneath. Step edges shall be marked in yellow. This includes the first step into the vehicle as well as the top of the last step at the intersection with the vehicle floor.	YES
The outer edge of the front service door shall be weather-stripped, as necessary, to provide a water-tight seal around the entire entryway including all steps. Suitable padding, to protect the heads of boarding or exiting passengers, shall be installed on the inside of the vehicle on the lintel of the front service entrance doorway. Any "gap" between the lowest part of the door(s) and the mating step surface greater than 3/8" shall be sealed by a thick rubber threshold seal or brush comb.	YES
<u>DRIVER ENTRANCE DOOR</u>	
A driver entrance door will be provided on the left side (i.e., driver's side) of the vehicle adjacent to the driver's seat. The entrance shall be hinged and of the sedan type and it shall be equipped with a key lock built into the door that may be locked to prevent opening of the door. The lock shall be such that it may be unlocked with the key from the outside. Also, if a driver entrance door is provided, pads or strips of skid-resistant material shall be installed in the step sill or on the step(s).	YES
An armrest on the left side must be provided for the driver. This armrest may be either attached to the left side of the vehicle or door or may be attached to the driver's seat.	YES
<u>MOBILITY AID ACCESS DOORS</u>	
An access door(s) shall be provided as specified.	YES
<u>WINDSHIELD</u>	

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
Tinted windshield with two speed electric windshield wipers with intermittent feature and windshield washers.	YES
<u>DRIVER WINDOWS</u>	
The driver shall be provided with an openable window on the left side. The driver's side window must be equipped with a locking device on the inside, unless it is the type which is rolled (i.e., cranked) up and down from the inside. If a driver entrance door is provided, the driver's side window shall be mounted in the driver entrance door.	YES
The driver also shall be provided with one or two windows located in the right side of the vehicle between the forward side of the front service entrance and the dashboard or windshield. The window(s) shall provide improved viewing to the right of the vehicle when the driver is seated in the driver seat. The total area of the window glass (the area of one window is only one window is provided or the sum of the areas if two are provided) shall be a minimum of 290 square inches.	YES
<u>WINDOWS</u>	
Side passenger windows shall be provided throughout the passenger compartment. All side passenger windows must be of "T" type. All "T" type windows shall be mounted top venting. Only exception would be for any required smaller body fill windows where full size windows could not be provided. These windows can have solid glass. Only one such type window can be used per side.	YES
All passenger service entrance doors shall contain windows of the fixed type.	YES
All window glass shall be of the safety type and shall be tinted. All window glass shall conform to Federal Motor Vehicle Safety Standard No. 205.	YES
At least one (1) window on each side will be an emergency exit window meeting FMVSS 217 requirement.	YES
<u>REAR EMERGENCY EXIT DOOR</u>	
In lieu of a rear window provide a rear emergency exit door 32" x 62" or larger with upper and lower window in lieu of the rear emergency window specified. The door shall be marked with interior and exterior "Emergency Door" or "Emergency Exit" signage with 1" letters either applied above the door or on the upper most part of the top door window. The door shall also be identified with an interior red light. The light shall be mounted above the door and lighted at all times when the engine is running. The Respondent shall also provide a rear door ajar light and buzzer, driver viewable from the instrument panel.	YES PER ADDENDUM
<u>FUEL TANK</u>	
A fuel tank(s) with a total capacity of not less than 50 gallons shall be provided.	Fuel Tank Capacity (gallons) <u>55</u>
The fuel tank(s) shall be of heavy-duty construction, adequately protected, and shall be mounted	YES

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
outside of the passenger compartment of the vehicle.	
<u>DRIVE SHAFT GUARD</u>	
Each drive shaft shall be equipped with a protective metal guard or guards to prevent whipping through the floor or dropping to the ground in the event of a tube or universal joint failure or if the drive shaft breaks.	YES
<u>SUN VISOR</u>	
The vehicle shall be equipped with a sun visor on the driver's side of the vehicle.	YES
<u>UNDERCOATING</u>	
The Respondent shall undercoat the entire underside of the vehicle body including undersides of fenders with fire-resistant asphalt base, rubber base, water base or equivalent undercoating material applied by spray method in order to seal, deaden sound, insulate and prevent oxidation. The undercoating material shall be applied in addition to the rustproofing compound or sealant and shall be applied after the rustproofing procedure has been completed.	YES
<u>PAINTING</u>	
All exposed metal surfaces, except aluminum and stainless steel and chrome must be painted.	YES
<u>EXTERIOR PAINT</u>	
The exterior color shall be white or off-white.	YES
<u>INTERIOR PAINT</u>	
All interior metal surfaces (except stainless steel, bright aluminum or chrome) which require maintaining shall be painted the same color. This includes the exposed interior metal surfaces, if any, of the side and rear doors. The interior color shall be color-keyed to the vehicle's exterior or interior color and shall harmonize with the color of the roof liner and any side paneling or other covering.	YES
<u>TIRES AND WHEELS</u>	
All tires shall be steel-belted radial tires. Dual or tandem rear wheels shall be provided on the vehicle. The vehicle shall be equipped with two front and four rear wheels and tires. A spare steel-belted radial tire and wheel shall be provided (shipped loose). All wheels shall be either chromed or painted to match the exterior color of the body. Heavy duty rubber mud flaps shall be provided on the front and rear tires.	YES
All tires and wheels, including the spare, shall be of the same type and size and shall be interchangeable. Tires and wheels shall be properly balanced and aligned.	YES
<u>EMERGENCY EQUIPMENT</u>	
The following equipment shall be provided on the vehicle:	YES

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
<i>Warning Devices:</i> Six (6) 30-minute road flares and three portable warning reflectors mountable on stands.	YES
<i>Fire Extinguisher:</i> One dry chemical fire extinguisher of at least five (5) pound capacity shall be furnished and shall be bracket mounted and easily accessible to the driver. The extinguisher shall be a multi-purpose A-B-C type.	YES
<i>First Aid Kit:</i> A first aid kit with a minimum of ten (10) different units (each unit shall be of a different type from every other unit) shall be furnished and mounted in a location easily accessible to the driver. The box or container shall not be considered as one of the 10 units	YES
OSHA approved body fluid clean up kit.	YES
Seat belt cutter	YES
All equipment listed above, including road flares and reflectors, shall be firmly secured inside the vehicle to prevent any movement by them while the vehicle is in motion. The mounted location of any of the above equipment shall not interfere with the driver's or passengers' limbs or placement of feet or interfere with movement of passengers and/or wheelchairs or other mobility aids within the vehicle. Also, none of the equipment shall be mounted on a door.	YES
<u> AISLE </u>	
The aisle will provide a clear passageway not less than 14.5 inches wide from the front service door to the back of the passenger compartment.	YES
<u> HEADROOM </u>	
The inside body height of the vehicle from surface of floor covering to ceiling as measured at any point along the longitudinal center line or passenger aisleway shall not be less than 75 inches. If an air conditioning unit is provided, the minimum inside height may be less than 75 inches, as necessary for installation of the rear air conditioning unit, at the extreme rear of the vehicle only.	YES
<u> DRIVER'S SEAT </u>	
The driver's seat shall be the fully padded, high-back, contoured bucket type of heavy-duty construction. The driver's seat shall be easily adjusted forward and backward without the use of tools. The seat shall include a fold-up right armrest.	YES
<u> DIAMOND PLATE RUNNING BOARD </u>	
An aluminum running board shall be installed on the driver's side of the vehicle. The running board shall be of one-piece construction, rattle free, and extend from the rear of the front wheel to the rear of the driver's door. The minimum useable step depth shall be 8 inches.	YES
<u> OVERHEAD STORAGE COMPARTMENT </u>	
Located above and front of the driver's seat.	YES

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
<u>REGULAR PASSENGER SEATS</u>	
All regular passenger seats shall be forward-facing, mid-back bucket.	YES
Passenger seats shall be securely fastened to parts of vehicle that support them by means of bolting or other method which allows for their removal by use of common tools (i.e., welding is not acceptable). All passenger seats and supporting frames shall be of heavy-duty construction.	YES
Seat padding and covering shall be fire-resistant. Passenger seats shall be fully padded and shall be covered with commercial grade vinyl with a minimum weight of 32 ounces per linear yard.	YES
All seats backs and cushions in the vehicle shall be of the same color and pattern and shall be color-keyed to the vehicle's exterior color and shall harmonize with the vehicle's interior color.	YES
Passenger seat depth shall be at least 16 inches and the seating level at each passenger seat shall be approximately 18 inches, plus or minus 1/2 inch, above the floor. Passenger seats intended to seat two or more passengers abreast shall provide a minimum of 17 1/2 inches per passenger. The type of the seat back cushion at each passenger seat shall be between 32 inches and 38 inches above the floor (tops closer than 32 inches from the floor will not be accepted). The seat back cushion shall come close to the seat bottom cushion, and an interior angle of 97 degrees to 105 degrees shall be maintained.	YES
Passenger seats shall be arranged such that the unobstructed hip-to-knee room as measured at seat level, which is provided for each, seated passenger shall not be less than 26 inches. (Note, this is the minimal acceptable spacing, greater spacing may be provided.)	YES
Grab rails shall be provided on seats next to the aisle, including fold away seats.	YES
Folding, molded armrests shall be provided on all fixed and fold away seats adjacent to an aisle.	YES
<u>SEAT BELTS AND SHOULDER HARNESS</u>	
A retractable seat belt and shoulder shall be provided at the driver's seat and a retractable seat belt (and shoulder harness where required) at each passenger seating position. All seat belt systems shall be a minimum of 44 inches long when measured, with the belts buckled, from the junction of the belt and seat cushion, around the passenger to the junction of the belt and seat cushion on the other side.	YES
<u>TWO (2) 12" SEAT BELT EXTENSIONS</u>	
Compatible with existing seat belts.	YES
<u>MOBILITY AID POSITIONS</u>	
Mobility aid positions are spaces inside the vehicle for transporting persons in wheelchairs other mobility aids, which are to be provided on vehicles having lifts. Each position shall consist of a usable floor area in which a passenger in a wheelchair or other mobility aid may be positioned and in which an occupant restraint system and a set of securement devices are to be installed. All mobility aid positions shall be designed to secure wheelchairs or other mobility aids in a forward-facing position and shall be flush mounted with the floor.	YES

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
Each mobility aid position shall be at least 30 inches wide and 48 inches deep. The dimensions of these positions are intended to give adequate room for the final traveling position of the wheelchair or other mobility aid and its occupant AND sufficient room for the maneuverability of the wheelchair or other mobility aid into that position. The actual placement of the securement devices within the mobility aid position is described under "Securement System."	YES
<u>FLOOR PLAN</u>	
Passenger seats shall be arranged such that the unobstructed hip-to-knee room as measured at seat level, which is provided for each seated passenger, shall not be less than 26 inches.	YES
In determining locations of mobility aid positions, special attention should be paid to maintaining adequate aisle and passage widths within the vehicle. There shall be an unobstructed passageway at least 28 inches wide for the passage of wheelchairs or other mobility aids from the lift to all positions.	YES
If a mobility aid position (MAP) is located between the rear wheelwells, the MAP shall be placed (as close as practical) adjacent to the left rear wheelwell cover.	YES
An example of an acceptable floor plan in Section 3.3 of this Attachment for this vehicle is included at the end of the text. Other seating arrangements may be approved if all specifications are met.	YES
A two passenger fold away seat shall be installed just forward of the left rear wheelchair tiedown position.	YES
The vehicle shall have up to two (2) mobility-aid positions with seating for a minimum of sixteen (16) ambulatory passengers.	YES
<u>STANCHIONS, GRAB RAILS AND BARRIER PANELS</u>	
An overhead ceiling-mounted grabrail, placed over one side of the aisle, shall be provided for the full length of the vehicle's passenger aisleway.	YES
A grab rail shall be provided on each side (on the interior of the entryway) of the front service entrance doorway. Each front entryway grab rail shall be so positioned to permit easy use by passengers to assist them in embarking and debarking the vehicle. Grab rails shall be of minimum one and one-eighth (1 and 1/8) inch outside diameter stainless steel tubing. Grab rails shall not be padded.	YES
One vertical stanchion shall be mounted at the rear of the driver's seat next to the aisle. Another vertical stanchion as well as a barrier panel shall be installed at the rear of the front service entrance stepwell.	YES
All vertical stanchions shall extend from floor to ceiling or from floor to overhead grab rails. Stanchions shall be of minimum one and one-fourth (1.25) inches outside diameter stainless steel tubing.	YES
Barrier panels shall be adequately reinforced and shall be padded on any side facing passenger seating positions.	YES
<u>INTERIOR (OTHER)</u>	
The interior of the vehicle shall be free of all projections. All sharp edged, protruding fasteners and brackets that could cause injury to passengers or catch hold of clothing shall be covered.	YES

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
The interior walls and ceiling of the vehicle shall be completely finished. The sidewalls and ceiling shall be covered with vinyl-clad metal, reinforced fiberglass, or other material standard to the industry such that a scratch-resistant, durable, and easily cleanable surface is provided. Carpeting is not allowed in the vehicle interior, except with prior approval.	
<u>INTERIOR WIDTH</u>	
The vehicle shall have a minimum interior width, measured at seat cushion level, of 88 inches.	YES
<u>SIGNAGE</u>	
Each vehicle shall contain sign(s) which indicate that seats in the front of the vehicle are priority seats for persons with disabilities, and that other passengers should make such seats available to those who wish to use them. At least one set of forward-facing seats shall be so designated. Each securement location shall have a sign designating it as such.	YES
Characters on such signs shall have a width-to-height ratio between 3:5 and 1:1 and a stroke width-to-height between 1:5 and 1:10, with a minimum character height (using an upper case "X") of 5/8 inch, with "wide" spacing (generally, the space between letters shall be 1/16 the height of upper case letters), and shall contrast with the background either light-on-dark or dark-on-light.	YES
<u>VEHICLE CLEARANCE STICKER</u>	
A vehicle clearance sticker indicating the maximum height of the vehicle shall be provided and located in easy view of the driver.	YES
<u>MOBILITY AID SYSTEM</u>	
A mobility aid system for users of wheelchairs or other mobility aids shall be provided on all vehicles. The system shall permit persons to enter and leave the vehicle while in a wheelchair or other mobility aid by means of a vertical lifting platform or lift and also provide for the safe transportation these persons inside the vehicle.	YES
The components of the mobility aid system shall include the following:	
Lift	YES
Securement system	YES
Occupant restraint system	YES
Any and all modifications required to the exterior and interior of the vehicle to provide a complete, functioning system.	YES
All parts shall be new. All necessary servicing and adjustments shall be made on the equipment prior to delivery of the vehicles. All equipment shall be ready for immediate and continuous operation upon delivery of the vehicle. All exposed metal surfaces shall be painted or shall be corrosion-resistant. All lift components (including wiring) located on the underside of the vehicle shall be concealed but accessible for maintenance purposes. All interior wiring shall be concealed.	YES
<u>Option Must Be Available Upon Request:</u> Delete Lift. Delete wheelchair lift and wheelchair entry door. Replace forward-facing flip seats and wheelchair lift/securement with forward-facing aisle seats. Total seated capacity shall be 24 plus the driver. Delete all other lift related	YES

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
items.	
<u>WHEELCHAIR LIFT</u>	
An automatic wheelchair lift will be located on the right (curb) side of the vehicle behind the rear axle.	YES
The lift will conform to the specifications as outlined in the Americans with Disabilities Act (ADA) regulations Subpart B - Buses, Vans and Systems, 38.23 Mobility Aid accessibility (b) Vehicle Lift, pages 45757 - 45758.	YES
The lift controls shall be interlocked with the vehicle brakes, transmission, or door, or shall provide other appropriate mechanisms or systems, to ensure that the vehicle cannot be moved when the lift is not stowed and so the lift cannot be deployed unless the interlocks or systems are engaged. The lift shall deploy to all levels (i.e., ground, curb and intermediate positions) normally encountered in the operating environment. Where provided, each control for deploying, lowering, raising and stowing the lift and lowering the roll-off barrier shall be of a momentary contact type requiring continuous manual pressure by the operator.	YES
The wheelchair lift must conform to FMVSS #403 and 404.	YES
Lift shall be rated at 1,000 # lifting capacity. Braun NCL1000IB3454HB-2 or approved equivalent.	YES
The control unit shall be a box with a function switch (for the folding and unfolding of the platform), an operating switch (for the raising and lowering of the platform), or a combination thereof. The control unit may also have a power switch. The controls for the operation of the lift shall be designed for both portable and stationary operation. The control unit shall be supplied with a flexible cut resistant control cable of sufficient length to allow the lift operator to have a hand on the wheelchair or other mobility aid, and control the lift platform through all operations, and allow the lift operator to be on the vehicle during the lift operation.	YES
The control unit shall have simple instructions placed in an easily read location while the operator is standing near the lift with the controls in hand, they should be able to clearly read the instructions and cautions.	YES
The method of hanging the control unit, when not in use, out of the way of the lowered platform, shall be provided. The hanger provision shall be easily reached by the lift attendant while standing at the ground level. Control switch may be either toggle, rocker or push-button type and shall be spring loaded to automatically return to the off position when pressure is released.	YES
<u>EXTRA-WIDE LIFT PLATFORM</u> YES	
In lieu of the minimum dimensions stated in the ADA specification, the lift will be supplied with a platform having a usable minimum clear width of 32 inches on the platform surface, a minimum clear width of 33 inches measured 2 inches above the platform surface to 30 inches above the platform surface, and a minimum clear length of 48 inches measured 2 inches above the platform surface to 30 inches above the platform surface.	YES
The Respondent shall provide descriptive material of the lift equipment proposed to be furnished as part of the proposal.	YES See Tab #11, item 11(i)
<u>DOORS, STEPS AND THRESHOLD</u>	

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
Shall conform to the specifications outlined in the ADA regulations Subpart B - Buses, Vans and Systems, 38.25 Doors, steps and thresholds, page 45759.	YES
The lift shall be installed in a separate entryway exclusively for the lift. All components of the lift mechanism shall be located in the vehicle or shall retract inside the vehicle such that, when the doors for the opening are closed, the side of the vehicle will present a smooth surface. No part of the installed and stowed lift shall extend laterally beyond the normal width of the vehicle. The lift shall not contact the opened door and/or door frame during deployment and normal operation.	YES
The opening shall have two doors of the type hinged at the side which fully seal the body opening when closed.	YES
Provisions shall be made for fastening the door or doors in a wide open position. In addition, door posts, headers and all floor sections around the opening shall be reinforced such that the strength and support of the body at the opening is at least equivalent to that provided on the same type of vehicle without such an opening. A locking device shall be provided on the lift opening doors which prevents opening the doors from the outside when locked.	YES
The opening for the lift shall have a minimum vertical clear opening measured from the lift platform at the vehicle floor level of 68 inches. No portion of the lift mechanism shall encroach upon the minimum vertical clear opening. Suitable padding, to protect the heads of wheelchair or other mobility aid users, shall be installed on the inside vehicle on the lintel of the doorway or the lift's crossarm, whichever is lower. A light shall be installed inside the vehicle over the lift area.	YES
<u>PRIORITY SEATING SIGNS</u>	
Shall conform to the specifications outlined in the ADA regulations Subpart B - Buses, Vans and Systems, 38.27 Priority seating signs, page 45759.	YES
<u>INTERIOR CIRCULATION, HANDRAILS AND STANCHIONS</u>	
Shall conform to the specifications outlined in the ADA regulations Subpart B - Buses, Vans and Systems, 38.29 Interior Circulation, handrails and stanchions, pages 45759 - 45760.	YES
<u>LIGHTING</u>	
Shall conform to the specifications outlined in the ADA regulations Subpart B - Buses, Vans and Systems, 38.31 Lighting, pages 45760.	YES
<u>SECUREMENT SYSTEM</u>	
At each mobility aid position a securement system shall be provided to securely hold a wheelchair or other mobility aid in the position. This system shall be composed of a complete belt-track system Q-Strait Model # Q-10007 Retractable Securement System with "L" slider track (flanged). Systems by other manufacturers may be accepted with prior approval.	YES
The securement system shall be placed as near to the accessible entrance as practicable and shall have a clear floor area of 30 inches by 48 inches. Such space shall adjoin, and may overlap, an access path. Not more than 6 inches of the required clear floor space may be accommodated for footrests under another seat provided there is a minimum of 9 inches from the floor to the lowest part of the seat overhanging the space.	YES

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
At each mobility aid position a four point attachment system shall be used consisting of four separate belts with all necessary buckles, hardware, fittings and other parts to make it a complete securement system.	
The securement system and their attachments to the vehicle shall restrain a force in the forward longitudinal direction of up to 2,500 pounds per securement leg and a minimum of 5,000 pounds for each mobility aid. In addition, the securement system shall meet the "30mph/20g standard" developed at the University of Michigan. Test results verifying these requirements shall be available and, if requested, a copy shall be submitted.	YES
A minimum of two tracks each of sufficient length for proper attachment and positioning of the belts, shall be placed parallel to each other and perpendicular to the direction in which the MAP faces. "L" track must run full width of vehicle for the back two wheel chair positions. The distance between centerlines of the tracks shall be approximately 46 inches.	YES
The tracks shall be securely flush mounted to the floor of the vehicle in such a way as to insure the track will not pull away from the van floor or shift position under anticipated loads. The flush-mounted tracks shall have no gaps between the ends or sides of the track and the floor covering. The vehicle floor anchorage for the securement system shall be capable of withstanding a tensile load of 6,000 lbs. applied at a 45 degree angle at each track or floor plate slot when tested with the applicable track fitting. Test results to verify this requirement shall be available and, if requested, a copy shall be submitted to INDOT.	YES
When the wheelchair or mobility aid is secured in accordance with manufacturer's instructions, the securement system shall limit the movement of an occupied wheelchair or mobility aid to no more than 2 inches in any direction under normal vehicle operating conditions.	YES
In addition, two storage pouches shall be provided to store the straps and buckles off the floor when they are not in use. The stored straps and the securement tracks shall not interfere with passenger movement or sitting space, shall not present any hazardous condition, shall be reasonably protected from vandalism, and shall be readily accessed when needed for use.	YES
Q-Straint Q5-8522, Sure-lok FE 201145 or approved equal. One storage pouch per each wheelchair tiedown position.	YES
The Respondent shall provide with each vehicle upon delivery a pamphlet, brochure or similar literature describing (and instructing) the use of the securement system.	YES
The Respondent shall submit with the proposal a description, in detail, with supporting drawings (may be clear hand-drawn sketches) and literature showing the type and location of the securement system to be furnished.	YES, See Tab 11, Item #11(j)
<u>WEBBING LOOPS</u>	
Q-Straint Q5-7580, Sure-Lok FE-200750 or approved equal. To assist with securement of electric wheelchairs. Four webbing loops per each wheelchair position.	YES
<u>DEMONSTRATE USE OF SECUREMENT SYSTEM</u>	
The Respondent shall provide with each vehicle upon delivery a pamphlet/brochure and video or DVD describing (and instructing) the use of the securement system and shall demonstrate to the recipient the proper method of using the system.	YES
Demonstration of use of the securement system must be performed to ensure correct use of the	YES

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
belt-track system.	
As part of the instruction process, the instructor shall have the student actually use the securement system and tie down a mobility aid in its proper location in the vehicle. Arrangements for having a wheelchair or other mobility aid should be made with the receiving agency prior to delivery of the vehicle. This process (“hands on” instruction) shall be repeated until the student completely understands the system’s use and will be able to instruct others in its use.	YES
Adequate time shall be allowed to accomplish this instruction and costs shall be included in the proposal price for the basic vehicle.	YES
<u>OCCUPANT RESTRAINT SYSTEM</u>	
A restraint system shall be provided for the occupant of a wheelchair or other mobility aid at each securement position.	YES
The occupant restraint system shall be a seat belt and shoulder harness assembly, complying with all applicable provisions of 49 CFR Part 571, attached to the floor or side of the vehicle. A retractor shall be provided to keep the belt webbing and straps off the floor when the belt is not in use.	YES
The Respondent shall provide descriptive material of the occupant restraint system to be furnished as part of the proposal.	YES See Tab #11, Item #11k
<u>OPTIONAL CHASSIS (12 AMBULATORY/2 W/C BUS BODY SIZE)</u>	
<p>Option Must Be Available Upon Request: Gasoline engine that meets or exceeds a displacement of 305 cubic inches (6.0 liters), V-8. Minimum GVWR 14,200 pounds. Wheelbase 159 inches. Heavy duty alternator (in lieu of the OEM 145 amp alternator) – Penntex PX-520R, Mitsubishi A4TJ0181 or approved equal. The engine shall be of heavy-duty design and construction. The engine shall be equipped with oil bath or replaceable element dry type air cleaner, replaceable element full flow oil filter, and an engine block heater.</p> <p>This passenger body size vehicle will incorporate all specifications, dimensions and standard items listed (except floor plans) for the standard body size to the extent possible. Floor plans for the 12 ambulatory/2 wheelchair bus body size will be determined by Respondent and purchaser prior to issuing the purchase order.</p>	YES
<u>TESTING</u>	
The vehicle shall be thoroughly inspected and tested during construction and upon completion to ensure all equipment is installed and operating properly. Tests shall be performed to ensure that the completed vehicle is dust-proof, watertight, fume-proof and all vehicle and equipment fluids as per specifications.	YES
<u>MAINTENANCE AND INSPECTION SCHEDULE</u>	
Upon delivery the successful Respondent shall furnish a detailed maintenance and inspection schedule for the vehicle. The maintenance and inspection schedule shall incorporate the required maintenance and inspection of the basic vehicle and of its subsystems (e.g., lift) as prescribed by the respective manufacturers.	YES
<u>SERVICE POLICY AND WARRANTY</u>	

Large Transit Vehicle Specification	Meets Specification? (Yes/No Unless Otherwise Specified)
The successful Respondent shall furnish with each vehicle the manufacturer's owner service policy and warranty for the vehicle body, the vehicle chassis, and all additional equipment.	YES
The owner service policies and warranties shall be recognized and accepted by local authorized service representatives.	YES
The vehicle warranty shall provide that, at a minimum, all body and chassis repairs and replacement parts needed due to factory defects shall be furnished and installed promptly without charge by authorized service representatives within the first three years or first 10,000 miles after final delivery of the vehicle. The vehicle warranty also shall provide that, at a minimum, all necessary body and chassis service adjustments shall be made promptly without charge by authorized service representatives within the first 90 days after final delivery of the vehicle. The vehicle warranty requirements shall cover all components of the vehicle body and chassis, except as otherwise specified.	YES PER ADDENDUM
Tires shall be covered with the warranty that is standard to the industry, at a minimum. The lift system shall be covered by a warranty providing that, at a minimum, all replacement parts and repairs to the lift system (including lift platform mechanisms, power unit and controls) needed due to defects in material or workmanship shall be furnished and installed promptly without charge by authorized service representatives within the first year or first 12,000 miles after final delivery of the vehicle.	YES PER ADDENDUM
Air conditioning and seats shall be covered by a warranty providing that, at a minimum, all replacement parts and repairs needed due to defects in material or workmanship shall be provided without charge within the first year or first 12,000 miles after final delivery of the vehicle.	YES PER ADDENDUM
<u>COMPLIANCE WITH OEM</u>	
Any modifications made by the body manufacturer shall comply with the OEM chassis manufacturer's specifications and requirements. For example, the Ford "Qualified Vehicle Modifier" program.	YES
<u>WARRANTY WORK</u>	
It is recognized that the vehicle and associated on board equipment warranty responsibility may be divided among more than one warranting agency. However, if after the authorized factory service representative for a particular item has been contacted and satisfactory warranty repair cannot be obtained, it shall be the successful Respondent's responsibility to act as liaison for the agency in obtaining warranty repair to ensure the vehicle is placed in operable condition without unnecessary delay.	YES

2.4. Required Supplemental Information

The following technical information and descriptive material is to be furnished by the Respondent as part of the proposal. The proposal will be considered non-responsive if any of the information is not provided. Please label each of pieces of information and any necessary attachments clearly.

Required Information	Low Floor Minivan	Small Transit	Large Transit
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evaluation to determine the responsiveness of the proposal.			
c. Certifications of meeting Federal Motor Vehicle Safety Standards.	✓	✓	✓
d. Final Test Report from the Pennsylvania Transportation Institute Bus Testing Facility in Altoona, Pennsylvania	✓	✓	✓
e. Proposed interior floor plan, showing detailed dimensions including the location of securement track system.	✓	✓	✓
f. A list of the standard or available exterior paint colors.	✓	✓	✓
g. A list of authorized service representatives for chassis, body and body parts, and ancillary equipment (see Warranty Work in Section 2.5 of this Attachment).	✓	✓	✓
h. Ramp information	✓		
i. Lift information		✓	✓
j. Securement system information	✓	✓	✓
k. Occupant restraint system information	✓	✓	✓
l. Forward facing fold away information	✓	✓	✓
m. Descriptive material of the air conditioning equipment		✓	✓
n. Buy America certification, along with breakdown by percentage (of total price) by component and major subcomponents	✓	✓	✓

2.5. Warranty Work

All normal warranty work on chassis and chassis manufacturer's factory installed equipment shall be accomplished within at a location within one of the three service area regions in Indiana (see map below).

If major or complicated warranty work is required and the location to perform such work is outside the service region required for normal warranty work, the Respondent shall pay all costs of transporting the vehicle to and from the recipient agency's location.

It is recognized that the vehicle and associated on board equipment warranty responsibility may be divided among more than one warranting agency. However, if after the authorized factory service representative for a particular item has been contacted and satisfactory warranty repair cannot be obtained, it shall be the successful Respondent's responsibility to act as liaison for the agency in obtaining warranty repair to ensure the vehicle is placed in operable condition without unnecessary delay.

Respondent must provide the following information for each proposed vehicle.

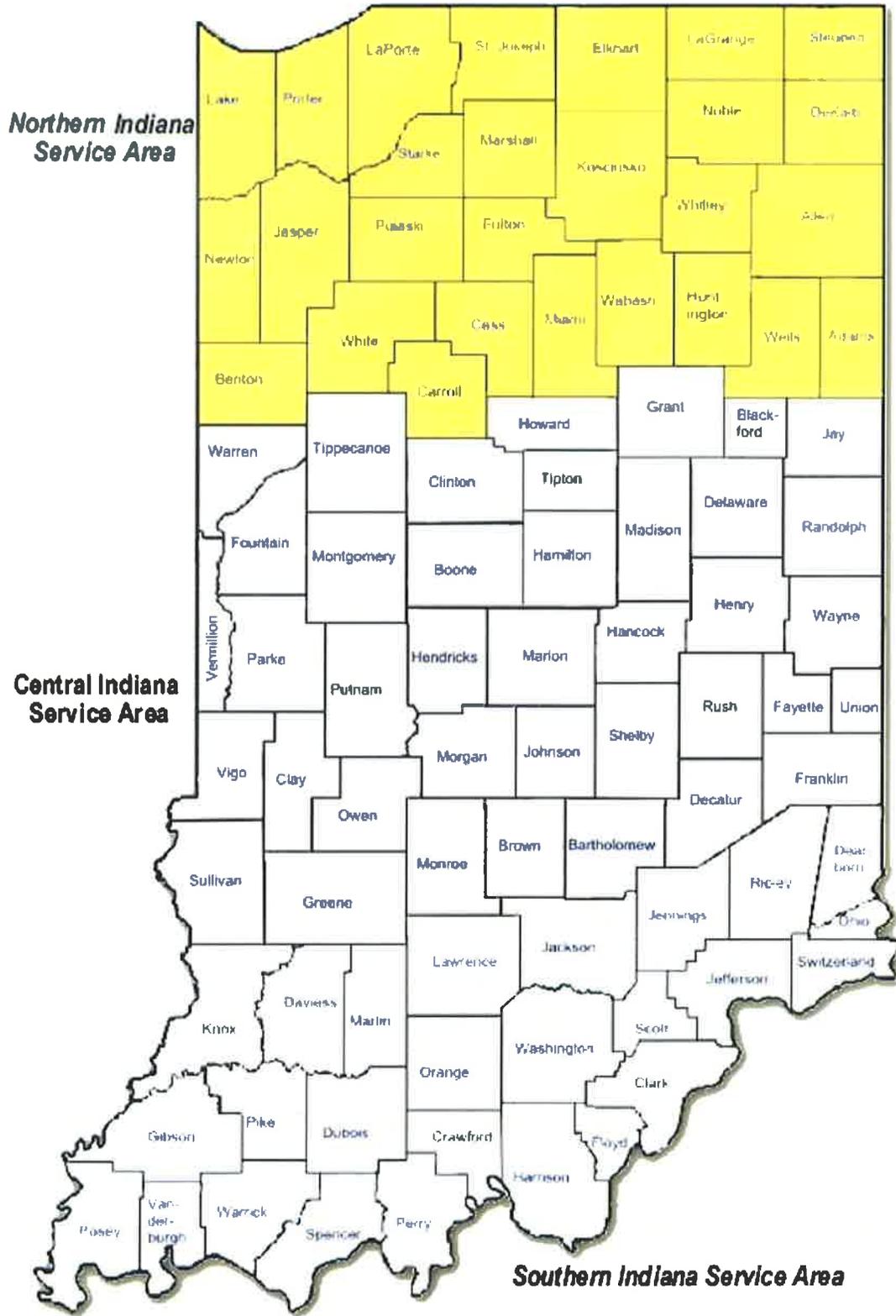
1. Chassis manufacturer warranty
2. Body manufacturer warranty
3. Chassis/Body Service centers by region (see attached map), including phone numbers and e-mail addresses
4. Ramp manufacturer warranty and service centers by region (see attached map), including phone numbers and e-mail addresses
5. Procedures to follow when warranty repairs are needed
6. Procedures for securing replacement parts and retaining defective parts
7. Procedures for reimbursement for warranty parts/labor
8. Delivery time of OEM and non-OEM parts

There must be at least one service center per region for each of the components:

- Body
- Chassis
- Seats
- Heavy duty alternator (small and large transit vehicles only)
- Ramp (low floor minivan only)
- Air conditioning (transit vehicles only)
- Lift (transit vehicles only)

The proposal will be considered non-responsive if any of the above information is not provided with the proposal.

Warranty Service Area Map



2.6. Federally Required Contract Clauses

Please review the federally required contract clauses in this section, fill in the requested information, and sign where necessary.

<http://www.fta.dot.gov/documents/21-Master.pdf>

1. Fly America Requirements
2. Buy America Requirements
3. Cargo Preference Requirements
4. Energy Conservation Requirements
5. Clean Water Requirements
6. Bus Testing
7. Pre-Award and Post Delivery Audit Requirements
8. Lobbying
9. Federal Changes
10. Clean Air
11. Recycled Products
12. No Government Obligation to Third Parties
13. Program Fraud and False or Fraudulent Statements and Related Acts
14. Termination
15. Government-wide Debarment and Suspension (Nonprocurement)
16. Civil Rights Requirements
17. Breaches and Dispute Resolution
18. Disadvantaged Business Enterprise
19. Incorporation of Federal Transit Administration (FTA) Terms
20. Prohibition against Geographic Preferences
21. Access to Third Party Contract Records
22. Federal/State Guidelines prevalence
23. Assignability Clause
24. Five Year Contract Limitation
25. Special Notification Requirements for States
26. ADA Access Clause
27. Contract Work Hours & Safety Standards Act

1. FLY AMERICA REQUIREMENTS

The Contractor agrees to comply with 49 U.S.C. 40118 (the “Fly America” Act) in accordance with the General Services Administration’s regulations at 41 CFR Part 301-10, which provide that recipients and subrecipients of Federal funds and their contractors are required to use U.S. Flag air carriers for U.S. Government-financed international air travel and transportation of their personal effects or property, to the extent such service is available, unless travel by foreign air carrier is a matter of necessity, as defined by the Fly America Act. The Contractor shall submit, if a foreign air carrier was used, an appropriate certification or memorandum adequately explaining why service by a U.S. flag air carrier was not available or why it was necessary to use a foreign air carrier and shall, in any event, provide a certificate of compliance with the Fly America requirements. The Contractor agrees to include the requirements of this section in all subcontracts that may involve international air transportation.

2. BUY AMERICA REQUIREMENTS

Buy America. Domestic preference procurement requirements of: (1) 49 U.S.C. § 5323(j), as amended by MAP-21, and (2) FTA regulations, "Buy America Requirements," 49 C.F.R. part 661, to the extent consistent with MAP-21, the contractor agrees to comply with 49 U.S.C. 5323(j) and 49 C.F.R. Part 661, which provide that Federal funds may not be obligated unless steel, iron, and manufactured products used in FTA-funded projects are produced in the United States, unless a waiver has been granted by FTA or the product is subject to a general waiver. Separate requirements for rolling stock are set out at 49 U.S.C. 5323(j)(2)(C) and 49 C.F.R. 661.11. Rolling stock must be assembled in the United States and have a 60 percent domestic content.

A Respondent must submit to the FTA recipient the appropriate Buy America certification (below) with all bids or offers on FTA-funded contracts, except those subject to a general waiver. Bids or offers that are not accompanied by a completed Buy America certification must be rejected as nonresponsive. This requirement does not apply to lower tier subcontractors.

Certification requirement for procurement of buses, other rolling stock and associated equipment.

Certificate of Compliance with 49 U.S.C. 5323(j)(2)(C).

The Respondent hereby certifies that it will comply with the requirements of 49 U.S.C. 5323(j)(2)(C) and the regulations at 49 C.F.R. Part 661.11.

Date; SEPTEMBER 18. 2015

Signature; 

Company Name; MIDWEST TRANSIT EQUIPMENT INC.

Title PRESIDENT

Certificate of Non-Compliance with 49 U.S.C. 5323(j)(2)(C)

The Respondent hereby certifies that it cannot comply with the requirements of 49 U.S.C. 5323(j)(2)(C) and 49 C.F.R. 661.11, but may qualify for an exception pursuant to 49 U.S.C. 5323(j)(2)(A), 5323(j)(2)(B), or 5323(j)(2)(D), and 49 CFR 661.7.

Date _____

Signature _____

Company Name _____

Title _____

3. CARGO PREFERENCE REQUIREMENTS

The contractor agrees: a. to use privately owned United States-Flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to the underlying contract

Buy America. Domestic preference procurement requirements of: (1) 49 U.S.C. § 5323(j), as amended by MAP-21, and (2) FTA regulations, "Buy America Requirements," 49 C.F.R. part 661, to the extent consistent with MAP-21, the contractor agrees to comply with 49 U.S.C. 5323(j) and 49 C.F.R. Part 661, which provide that Federal funds may not be obligated unless steel, iron, and manufactured products used in FTA-funded projects are produced in the United States, unless a waiver has been granted by FTA or the product is subject to a general waiver. Separate requirements for rolling stock are set out at 49 U.S.C. 5323(j)(2)(C) and 49 C.F.R. 661.11. Rolling stock must be assembled in the United States and have a 60 percent domestic content.

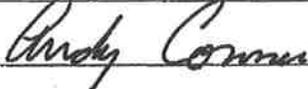
A Respondent must submit to the FTA recipient the appropriate Buy America certification (below) with all bids or offers on FTA-funded contracts, except those subject to a general waiver. Bids or offers that are not accompanied by a completed Buy America certification must be rejected as nonresponsive. This requirement does not apply to lower tier subcontractors.

Certification requirement for procurement of buses, other rolling stock and associated equipment.

Certificate of Compliance with 49 U.S.C. 5323(j)(2)(C).

The Respondent hereby certifies that it will comply with the requirements of 49 U.S.C. 5323(j)(2)(C) and the regulations at 49 C.F.R. Part 661.11.

Date September 14, 2015

Signature 

Company Name The Braun Corporation

Title Commercial Entervan Manager

Certificate of Non-Compliance with 49 U.S.C. 5323(j)(2)(C)

The Respondent hereby certifies that it cannot comply with the requirements of 49 U.S.C. 5323(j)(2)(C) and 49 C.F.R. 661.11, but may qualify for an exception pursuant to 49 U.S.C. 5323(j)(2)(A), 5323(j)(2)(B), or 5323(j)(2)(D), and 49 CFR 661.7.

Date _____

Signature _____

Company Name _____

Title _____

3. CARGO PREFERENCE REQUIREMENTS

The contractor agrees: a. to use privately owned United States-Flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to the underlying contract

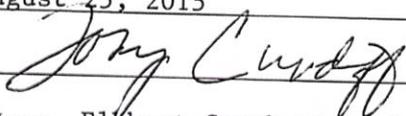
Buy America. Domestic preference procurement requirements of: (1) 49 U.S.C. § 5323(j), as amended by MAP-21, and (2) FTA regulations, "Buy America Requirements," 49 C.F.R. part 661, to the extent consistent with MAP-21, the contractor agrees to comply with 49 U.S.C. 5323(j) and 49 C.F.R. Part 661, which provide that Federal funds may not be obligated unless steel, iron, and manufactured products used in FTA-funded projects are produced in the United States, unless a waiver has been granted by FTA or the product is subject to a general waiver. Separate requirements for rolling stock are set out at 49 U.S.C. 5323(j)(2)(C) and 49 C.F.R. 661.11. Rolling stock must be assembled in the United States and have a 60 percent domestic content.

A Respondent must submit to the FTA recipient the appropriate Buy America certification (below) with all bids or offers on FTA-funded contracts, except those subject to a general waiver. Bids or offers that are not accompanied by a completed Buy America certification must be rejected as nonresponsive. This requirement does not apply to lower tier subcontractors.

Certification requirement for procurement of buses, other rolling stock and associated equipment.

Certificate of Compliance with 49 U.S.C. 5323(j)(2)(C).

The Respondent hereby certifies that it will comply with the requirements of 49 U.S.C. 5323(j)(2)(C) and the regulations at 49 C.F.R. Part 661.11.

Date August 25, 2015
Signature 
Company Name Elkhart Coach Div. of Forest River, Inc.
Title General Manager

Certificate of Non-Compliance with 49 U.S.C. 5323(j)(2)(C)

The Respondent hereby certifies that it cannot comply with the requirements of 49 U.S.C. 5323(j)(2)(C) and 49 C.F.R. 661.11, but may qualify for an exception pursuant to 49 U.S.C. 5323(j)(2)(A), 5323(j)(2)(B), or 5323(j)(2)(D), and 49 CFR 661.7.

Date _____
Signature _____
Company Name _____
Title _____

3. CARGO PREFERENCE REQUIREMENTS

The contractor agrees: a. to use privately owned United States-Flag commercial vessels to ship at least 50 percent of the gross tonnage (computed separately for dry bulk carriers, dry cargo liners, and tankers) involved, whenever shipping any equipment, material, or commodities pursuant to the underlying contract

to the extent such vessels are available at fair and reasonable rates for United States-Flag commercial vessels; b. to furnish within 20 working days following the date of loading for shipments originating within the United States or within 30 working days following the date of loading for shipments originating outside the United States, a legible copy of a rated, "on-board" commercial ocean bill-of-lading in English for each shipment of cargo described in the preceding paragraph to the Division of National Cargo, Office of Market Development, Maritime Administration, Washington, DC 20590 and to the FTA recipient (through the contractor in the case of a subcontractor's bill-of-lading.) c. to include these requirements in all subcontracts issued pursuant to this contract when the subcontract may involve the transport of equipment, material, or commodities by ocean vessel.

4. ENERGY CONSERVATION REQUIREMENTS

The contractor will comply with the mandatory energy standards and policies of its State energy conservation plans under the Energy Policy and Conservation Act, as amended, 42 U.S.C. § 6321 *et seq.*

5. CLEAN WATER REQUIREMENTS

(1) The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Federal Water Pollution Control Act, as amended, 33 U.S.C. 1251 *et seq.* The Contractor agrees to report each violation to the Requesting Entity and understands and agrees that the Requesting Entity will, in turn, report each violation as required to assure notification to FTA and the appropriate EPA Regional Office.

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

6. BUS TESTING

The Contractor [Manufacturer] agrees to comply with 49 U.S.C. A 5323(c) and FTA's implementing regulation at 49 CFR Part 665 and shall perform the following:

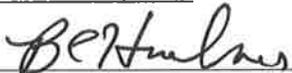
- 1) A manufacturer of a new bus model or a bus produced with a major change in components or configuration shall provide a copy of the final test report to the recipient at a point in the procurement process specified by the recipient which will be prior to the recipient's final acceptance of the first vehicle.
- 2) A manufacturer who releases a report under paragraph 1 above shall provide notice to the operator of the testing facility that the report is available to the public.
- 3) If the manufacturer represents that the vehicle was previously tested, the vehicle being sold should have the identical configuration and major components as the vehicle in the test report, which must be provided to the recipient prior to recipient's final acceptance of the first vehicle. If the configuration or components are not identical, the manufacturer shall provide a description of the change and the manufacturer's basis for concluding that it is not a major change requiring additional testing.
- 4) If the manufacturer represents that the vehicle is "grandfathered" (has been used in mass transit service in the United States before October 1, 1988, and is currently being produced without a major change in configuration or components), the manufacturer shall provide the name and address of the recipient of such a vehicle and the details of that vehicle's configuration and major components.

CERTIFICATION OF COMPLIANCE WITH FTA'S BUS TESTING REQUIREMENTS

The undersigned [Contractor/Manufacturer] certifies that the vehicle offered in this procurement complies with 49 U.S.C. A 5323(c) and FTA's implementing regulation at 49 CFR Part 665.

The undersigned understands that misrepresenting the testing status of a vehicle acquired with Federal financial assistance may subject the undersigned to civil penalties as outlined in the Department of Transportation's regulation on Program Fraud Civil Remedies, 49 CFR Part 31. In addition, the undersigned understands that FTA may suspend or debar a manufacturer under the procedures in 49 CFR Part 29.

Date: SEPTEMBER 18, 2015

Signature: 

Company Name: MIDWEST TRANSIT EQUIPMENT INC.

Title: PRESIDENT

7. PRE-AWARD AND POST DELIVERY AUDITS REQUIREMENTS

The Contractor agrees to comply with 49 U.S.C. § 5323(1) and FTA's implementing regulation at 49 C.F.R. Part 663 and to submit the following certifications:

(1) Buy America Requirements: The Contractor shall complete and submit a declaration certifying either compliance or noncompliance with Buy America. If the Respondent certifies compliance with Buy America, it shall submit documentation which lists 1) component and subcomponent 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.

(2) Solicitation Specification Requirements: The Contractor shall submit evidence that it will be capable of meeting the proposal specifications.

(3) Federal Motor Vehicle Safety Standards (FMVSS): The Contractor shall submit 1) manufacturer's FMVSS self-certification sticker information that the vehicle complies with relevant FMVSS or 2) manufacturer's certified statement that the contracted buses will not be subject to FMVSS regulations.

**BUY AMERICA CERTIFICATE OF COMPLIANCE WITH FTA REQUIREMENTS
FOR BUSES, OTHER ROLLING STOCK, OR ASSOCIATED EQUIPMENT**

(To be submitted with a bid or offer exceeding the small purchase threshold for Federal assistance programs, currently set at \$100,000.)

Certificate of Compliance

The Respondent hereby certifies that it will comply with the requirements of 49 U.S.C. Section 5323(j)(2)(C), Section 165(b)(3) of the Surface Transportation Assistance Act of 1982, as amended, and the regulations of 49 C.F.R. 661.11:

CERTIFICATION OF COMPLIANCE WITH FTA'S BUS TESTING REQUIREMENTS

The undersigned [Contractor/Manufacturer] certifies that the vehicle offered in this procurement complies with 49 U.S.C. A 5323(c) and FTA's implementing regulation at 49 CFR Part 665.

The undersigned understands that misrepresenting the testing status of a vehicle acquired with Federal financial assistance may subject the undersigned to civil penalties as outlined in the Department of Transportation's regulation on Program Fraud Civil Remedies, 49 CFR Part 31. In addition, the undersigned understands that FTA may suspend or debar a manufacturer under the procedures in 49 CFR Part 29.

Date: September 14, 2015

Signature: _____

Andy Conner

Company Name: The Braun Corporation

Title: Commercial Entervan Manager

7. PRE-AWARD AND POST DELIVERY AUDITS REQUIREMENTS

The Contractor agrees to comply with 49 U.S.C. § 5323(l) and FTA's implementing regulation at 49 C.F.R. Part 663 and to submit the following certifications:

(1) Buy America Requirements: The Contractor shall complete and submit a declaration certifying either compliance or noncompliance with Buy America. If the Respondent certifies compliance with Buy America, it shall submit documentation which lists 1) component and subcomponent 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.

(2) Solicitation Specification Requirements: The Contractor shall submit evidence that it will be capable of meeting the proposal specifications.

(3) Federal Motor Vehicle Safety Standards (FMVSS): The Contractor shall submit 1) manufacturer's FMVSS self-certification sticker information that the vehicle complies with relevant FMVSS or 2) manufacturer's certified statement that the contracted buses will not be subject to FMVSS regulations.

BUY AMERICA CERTIFICATE OF COMPLIANCE WITH FTA REQUIREMENTS FOR BUSES, OTHER ROLLING STOCK, OR ASSOCIATED EQUIPMENT

(To be submitted with a bid or offer exceeding the small purchase threshold for Federal assistance programs, currently set at \$100,000.)

Certificate of Compliance

The Respondent hereby certifies that it will comply with the requirements of 49 U.S.C. Section 5323(j)(2)(C), Section 165(b)(3) of the Surface Transportation Assistance Act of 1982, as amended, and the regulations of 49 C.F.R. 661.11:

CERTIFICATION OF COMPLIANCE WITH FTA'S BUS TESTING REQUIREMENTS

The undersigned [Contractor/Manufacturer] certifies that the vehicle offered in this procurement complies with 49 U.S.C. A 5323(c) and FTA's implementing regulation at 49 CFR Part 665.

The undersigned understands that misrepresenting the testing status of a vehicle acquired with Federal financial assistance may subject the undersigned to civil penalties as outlined in the Department of Transportation's regulation on Program Fraud Civil Remedies, 49 CFR Part 31. In addition, the undersigned understands that FTA may suspend or debar a manufacturer under the procedures in 49 CFR Part 29.

Date: August 25, 2015

Signature: _____

Joy Cundiff

Company Name: Elkhart Coach Div. of Forest River, Inc.

Title: General Manager

7. PRE-AWARD AND POST DELIVERY AUDITS REQUIREMENTS

The Contractor agrees to comply with 49 U.S.C. § 5323(l) and FTA's implementing regulation at 49 C.F.R. Part 663 and to submit the following certifications:

(1) Buy America Requirements: The Contractor shall complete and submit a declaration certifying either compliance or noncompliance with Buy America. If the Respondent certifies compliance with Buy America, it shall submit documentation which lists 1) component and subcomponent 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.

(2) Solicitation Specification Requirements: The Contractor shall submit evidence that it will be capable of meeting the proposal specifications.

(3) Federal Motor Vehicle Safety Standards (FMVSS): The Contractor shall submit 1) manufacturer's FMVSS self-certification sticker information that the vehicle complies with relevant FMVSS or 2) manufacturer's certified statement that the contracted buses will not be subject to FMVSS regulations.

**BUY AMERICA CERTIFICATE OF COMPLIANCE WITH FTA REQUIREMENTS
FOR BUSES, OTHER ROLLING STOCK, OR ASSOCIATED EQUIPMENT**

(To be submitted with a bid or offer exceeding the small purchase threshold for Federal assistance programs, currently set at \$100,000.)

Certificate of Compliance

The Respondent hereby certifies that it will comply with the requirements of 49 U.S.C. Section 5323(j)(2)(C), Section 165(b)(3) of the Surface Transportation Assistance Act of 1982, as amended, and the regulations of 49 C.F.R. 661.11:

Date: SEPTEMBER 18, 2015

Signature: 

Company Name: MIDWEST TRANSIT EQUIPMENT INC.

Title: PRESIDENT

Certificate of Non-Compliance

The Respondent hereby certifies that it cannot comply with the requirements of 49 U.S.C. Section 5323(j)(2)(C) and Section 165(b)(3) of the Surface Transportation Assistance Act of 1982, as amended, but may qualify for an exception to the requirements consistent with 49 U.S.C. Sections 5323(j)(2)(B) or (j)(2)(D), Sections 165(b)(2) or (b)(4) of the Surface Transportation Assistance Act, as amended, and regulations in 49 C.F.R. 661.7.

Date: _____

Signature: _____

Company Name: _____

Title: _____

8. LOBBYING

(To be submitted with each bid or offer exceeding \$100,000)

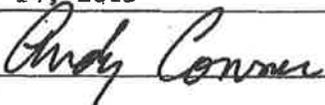
The undersigned [Contractor] certifies, to the best of his or her knowledge and belief, that:

(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for making lobbying contacts to an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form--LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions [as amended by "Government wide Guidance for New Restrictions on Lobbying," 61 Fed. Reg. 1413 (1/19/96). Note: Language in paragraph (2) herein has been modified in accordance with Section 10 of the Lobbying Disclosure Act of 1995 (P.L. 104-65, to be codified at 2 U.S.C. 1601, *et seq.*)]

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

Date: September 14, 2015

Signature: 

Company Name: The Braun Corporation

Title: Commercial Entervan Manager

Certificate of Non-Compliance

The Respondent hereby certifies that it cannot comply with the requirements of 49 U.S.C. Section 5323(j)(2)(C) and Section 165(b)(3) of the Surface Transportation Assistance Act of 1982, as amended, but may qualify for an exception to the requirements consistent with 49 U.S.C. Sections 5323(j)(2)(B) or (j)(2)(D), Sections 165(b)(2) or (b)(4) of the Surface Transportation Assistance Act, as amended, and regulations in 49 C.F.R. 661.7.

Date: _____

Signature: _____

Company Name: _____

Title: _____

8. LOBBYING

(To be submitted with each bid or offer exceeding \$100,000)

The undersigned [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 influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for making lobbying contacts to an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form-LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions [as amended by "Government wide Guidance for New Restrictions on Lobbying," 61 Fed. Reg. 1413 (1/19/96). Note: Language in paragraph (2) herein has been modified in accordance with Section 10 of the Lobbying Disclosure Act of 1995 (P.L. 104-65, to be codified at 2 U.S.C. 1601, *et seq.*)]

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Date: August 25, 2015

Signature: Jonny Curdery

Company Name: Elkhart Coach Div. of Forest River, Inc.

Title: General Manager

Certificate of Non-Compliance

The Respondent hereby certifies that it cannot comply with the requirements of 49 U.S.C. Section 5323(j)(2)(C) and Section 165(b)(3) of the Surface Transportation Assistance Act of 1982, as amended, but may qualify for an exception to the requirements consistent with 49 U.S.C. Sections 5323(j)(2)(B) or (j)(2)(D), Sections 165(b)(2) or (b)(4) of the Surface Transportation Assistance Act, as amended, and regulations in 49 C.F.R. 661.7.

Date: _____

Signature: _____

Company Name: _____

Title: _____

8. LOBBYING

(To be submitted with each bid or offer exceeding \$100,000)

The undersigned [Contractor] certifies, to the best of his or her knowledge and belief, that:

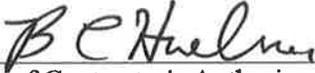
(1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the undersigned, to any person for influencing or attempting to influence an officer or employee of an agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

(2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for making lobbying contacts to an officer or employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this Federal contract, grant, loan, or cooperative agreement, the undersigned shall complete and submit Standard Form--LLL, "Disclosure Form to Report Lobbying," in accordance with its instructions [as amended by "Government wide Guidance for New Restrictions on Lobbying," 61 Fed. Reg. 1413 (1/19/96). Note: Language in paragraph (2) herein has been modified in accordance with Section 10 of the Lobbying Disclosure Act of 1995 (P.L. 104-65, to be codified at 2 U.S.C. 1601, *et seq.*)]

(3) The undersigned shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by 31, U.S.C. § 1352 (as amended by the Lobbying Disclosure Act of 1995). Any person who fails to file the 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 Contractor, MIDWEST TRANSIT EQUIPMENT INC., certifies or affirms the truthfulness and accuracy of each statement of its certification and disclosure, if any. In addition, the Contractor understands and agrees that the provisions of 31 U.S.C. A 3801, *et seq.*, apply to this certification and disclosure, if any.



Signature of Contractor's Authorized Official

BARRY C. HUEBNER, PRESIDENT

Name and Title of Contractor's Authorized Official

SEPTEMBER 18, 2015

Date

9. FEDERAL CHANGES

Contractor shall at all times comply with all applicable FTA regulations, policies, procedures and directives, including without limitation those listed directly or by reference in the Master Agreement between Requesting Entity and FTA, as they may be amended or promulgated from time to time during the term of this contract. Contractor's failure to so comply shall constitute a material breach of this contract.

10. CLEAN AIR

(1) The Contractor agrees to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act, as amended, 42 U.S.C. §§ 7401 *et seq.* The Contractor agrees to report each violation to the Requesting Entity and understands and agrees that the Requesting Entity will, in turn, report each violation as required to assure notification to FTA and the appropriate EPA Regional Office.

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

11. RECYCLED PRODUCTS

Recovered Materials - The contractor agrees to comply with all the requirements of Section 6002 of the Resource Conservation and Recovery Act (RCRA), as amended (42 U.S.C. 6962), including but not limited to the regulatory provisions of 40 CFR Part 247, and Executive Order 12873, as they apply to the procurement of the items designated in Subpart B of 40 CFR Part 247.

12. NO GOVERNMENT OBLIGATION TO THIRD PARTIES

(1) The Requesting Entity and Contractor acknowledge and agree that, notwithstanding any concurrence by the Federal Government in or approval of the solicitation or award of the underlying contract, absent the express written consent by the Federal Government, the Federal Government is not a party to this contract and shall not be subject to any obligations or liabilities to the Requesting Entity, Contractor, or any other party (whether or not a party to that contract) pertaining to any matter resulting from the underlying contract.

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

13. PROGRAM FRAUD AND FALSE OR FRAUDULENT STATEMENTS AND RELATED ACTS

Program Fraud and False or Fraudulent Statements or Related Acts.

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

(2) The Contractor also acknowledges that if it makes, or causes to be made, a false, fictitious, or fraudulent claim, statement, submission, or certification to the Federal Government under a contract connected with a project that is financed in whole or in part with Federal assistance originally awarded by FTA under the authority of 49 U.S.C. § 5307, the Government reserves the right to impose the penalties of 18 U.S.C. § 1001 and 49 U.S.C. § 5307(n)(1) on the Contractor, to the extent the Federal Government deems appropriate.

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

14. TERMINATION

a. Termination for Convenience (General Provision) The State of Indiana (hereafter known as "Recipient") may terminate this contract, in whole or in part, at any time by written notice to the Contractor when it is in the Government's best interest. The Contractor shall be paid its costs, including contract close-out costs, and profit on work performed up to the time of termination. The Contractor shall promptly submit its termination claim to (Recipient) to be paid the Contractor. If the Contractor has any

property in its possession belonging to the (Recipient), the Contractor will account for the same, and dispose of it in the manner the (Recipient) directs.

b. Termination for Default [Breach or Cause] (General Provision) If the Contractor does not deliver supplies in accordance with the contract delivery schedule, or, if the contract is for services, the Contractor fails to perform in the manner called for in the contract, or if the Contractor fails to comply with any other provisions of the contract, the Recipient may terminate this contract for default. Termination shall be effected by serving a notice of termination on the contractor setting forth the manner in which the Contractor is in default. The contractor will only be paid the contract price for supplies delivered and accepted, or services performed in accordance with the manner of performance set forth in the contract.

If it is later determined by the (Recipient) that the Contractor had an excusable reason for not performing, such as a strike, fire, or flood, events which are not the fault of or are beyond the control of the Contractor, the (Recipient), after setting up a new delivery of performance schedule, may allow the Contractor to continue work, or treat the termination as a termination for convenience.

c. Opportunity to Cure (General Provision) The Recipient in its sole discretion may, in the case of a termination for breach or default, allow the Contractor [an appropriately short period of time] in which to cure the defect. In such case, the notice of termination will state the time period in which cure is permitted and other appropriate conditions

If Contractor fails to remedy to (Recipient)'s satisfaction the breach or default of any of the terms, covenants, or conditions of this Contract within [ten (10) days] after receipt by Contractor of written notice from (Recipient) setting forth the nature of said breach or default, (Recipient) shall have the right to terminate the Contract without any further obligation to Contractor. Any such termination for default shall not in any way operate to preclude (Recipient) from also pursuing all available remedies against Contractor and its sureties for said breach or default.

d. Waiver of Remedies for any Breach In the event that (Recipient) elects to waive its remedies for any breach by Contractor of any covenant, term or condition of this Contract, such waiver by (Recipient) shall not limit (Recipient)'s remedies for any succeeding breach of that or of any other term, covenant, or condition of this Contract.

e. Termination for Convenience (Professional or Transit Service Contracts) The (Recipient), by written notice, may terminate this contract, in whole or in part, when it is in the Government's interest. If this contract is terminated, the Recipient shall be liable only for payment under the payment provisions of this contract for services rendered before the effective date of termination.

f. Termination for Default (Supplies and Service) If the Contractor fails to deliver supplies or to perform the services within the time specified in this contract or any extension or if the Contractor fails to comply with any other provisions of this contract, the (Recipient) may terminate this contract for default. The (Recipient) shall terminate by delivering to the Contractor a Notice of Termination specifying the nature of the default. The Contractor will only be paid the contract price for supplies delivered and accepted, or services performed in accordance with the manner or performance set forth in this contract.

If, after termination for failure to fulfill contract obligations, it is determined that the Contractor was not in default, the rights and obligations of the parties shall be the same as if the termination had been issued for the convenience of the Recipient.

g. Termination for Default (Transportation Services) If the Contractor fails to pick up the commodities or to perform the services, including delivery services, within the time specified in this

contract or any extension or if the Contractor fails to comply with any other provisions of this contract, the (Recipient) may terminate this contract for default. The (Recipient) shall terminate by delivering to the Contractor a Notice of Termination specifying the nature of default. The Contractor will only be paid the contract price for services performed in accordance with the manner of performance set forth in this contract.

If this contract is terminated while the Contractor has possession of Recipient goods, the Contractor shall, upon direction of the (Recipient), protect and preserve the goods until surrendered to the Recipient or its agent. The Contractor and (Recipient) shall agree on payment for the preservation and protection of goods. Failure to agree on an amount will be resolved under the Dispute clause.

If, after termination for failure to fulfill contract obligations, it is determined that the Contractor was not in default, the rights and obligations of the parties shall be the same as if the termination had been issued for the convenience of the (Recipient).

h. Termination for Default (Construction) If the Contractor refuses or fails to prosecute the work or any separable part, with the diligence that will insure its completion within the time specified in this contract or any extension or fails to complete the work within this time, or if the Contractor fails to comply with any other provisions of this contract, the (Recipient) may terminate this contract for default. The (Recipient) shall terminate by delivering to the Contractor a Notice of Termination specifying the nature of the default. In this event, the Recipient may take over the work and complete it by contract or otherwise, and may take possession of and use any materials, appliances, and plant on the work site necessary for completing the work. The Contractor and its sureties shall be liable for any damage to the Recipient resulting from the Contractor's refusal or failure to complete the work within specified time, whether or not the Contractor's right to proceed with the work is terminated. This liability includes any increased costs incurred by the Recipient in completing the work.

The Contractor's right to proceed shall not be terminated nor the Contractor charged with damages under this clause if-

1. the delay in completing the work arises from unforeseeable causes beyond the control and without the fault or negligence of the Contractor. Examples of such causes include: acts of God, acts of the Recipient, acts of another Contractor in the performance of a contract with the Recipient, epidemics, quarantine restrictions, strikes, freight embargoes; and
2. the contractor, within [10] days from the beginning of any delay, notifies the (Recipient) in writing of the causes of delay. If in the judgment of the (Recipient), the delay is excusable, the time for completing the work shall be extended. The judgment of the (Recipient) shall be final and conclusive on the parties, but subject to appeal under the Disputes clauses.

If, after termination of the Contractor's right to proceed, it is determined that the Contractor was not in default, or that the delay was excusable, the rights and obligations of the parties will be the same as if the termination had been issued for the convenience of the Recipient.

i. Termination for Convenience or Default (Architect and Engineering) The (Recipient) may terminate this contract in whole or in part, for the Recipient's convenience or because of the failure of the Contractor to fulfill the contract obligations. The (Recipient) shall terminate by delivering to the Contractor a Notice of Termination specifying the nature, extent, and effective date of the termination. Upon receipt of the notice, the Contractor shall (1) immediately discontinue all services affected (unless the notice directs otherwise), and (2) deliver to the Contracting Officer all data, drawings, specifications,

reports, estimates, summaries, and other information and materials accumulated in performing this contract, whether completed or in process.

If the termination is for the convenience of the Recipient, the Contracting Officer shall make an equitable adjustment in the contract price but shall allow no anticipated profit on unperformed services.

If the termination is for failure of the Contractor to fulfill the contract obligations, the Recipient may complete the work by contract or otherwise and the Contractor shall be liable for any additional cost incurred by the Recipient.

If, after termination for failure to fulfill contract obligations, it is determined that the Contractor was not in default, the rights and obligations of the parties shall be the same as if the termination had been issued for the convenience of the Recipient.

j. Termination for Convenience of Default (Cost-Type Contracts) The (Recipient) may terminate this contract, or any portion of it, by serving a notice of termination on the Contractor. The notice shall state whether the termination is for convenience of the (Recipient) or for the default of the Contractor. If the termination is for default, the notice shall state the manner in which the contractor has failed to perform the requirements of the contract. The Contractor shall account for any property in its possession paid for from funds received from the (Recipient), or property supplied to the Contractor by the (Recipient). If the termination is for default, the (Recipient) may fix the fee, if the contract provides for a fee, to be paid the contractor in proportion to the value, if any, of work performed up to the time of termination. The Contractor shall promptly submit its termination claim to the (Recipient) and the parties shall negotiate the termination settlement to be paid the Contractor.

If the termination is for the convenience of the (Recipient), the Contractor shall be paid its contract close-out costs, and a fee, if the contract provided for payment of a fee, in proportion to the work performed up to the time of termination.

If, after serving a notice of termination for default, the (Recipient) determines that the Contractor has an excusable reason for not performing, such as strike, fire, flood, events which are not the fault of and are beyond the control of the contractor, the (Recipient), after setting up a new work schedule, may allow the Contractor to continue work, or treat the termination as a termination for convenience.

15. GOVERNMENT-WIDE DEBARMENT AND SUSPENSION (NONPROCUREMENT)

Suspension and Debarment

This contract is a covered transaction for purposes of 49 CFR Part 29. As such, the contractor is required to verify that none of the contractor, its principals, as defined at 49 CFR 29.995, or affiliates, as defined at 49 CFR 29.905, are excluded or disqualified as defined at 49 CFR 29.940 and 29.945.

The contractor is required to comply with 49 CFR 29, Subpart C and must include the requirement to comply with 49 CFR 29, Subpart C in any lower tier covered transaction it enters into. By signing and submitting its bid or proposal, the Respondent certifies as follows:

The certification in this clause is a material representation of fact relied upon by **the State of Indiana**. If it is later determined that the Respondent knowingly rendered an erroneous certification, in addition to remedies available to **the State of Indiana**, the Federal Government

may pursue available remedies, including but not limited to suspension and/or debarment. The Respondent agrees to comply with the requirements of 49 CFR 29, Subpart C while this offer is valid and throughout the period of any contract that may arise from this offer. The Respondent further agrees to include a provision requiring such compliance in its lower tier covered transactions.

Signature of Contractor's Authorized Official

Name and Title of Contractor's Authorized Official

Date

16. CIVIL RIGHTS REQUIREMENTS

Civil Rights - The following requirements apply to the underlying contract:

(1) Nondiscrimination - In accordance with Title VI of the Civil Rights Act, as amended, 42 U.S.C. § 2000d, section 303 of the Age Discrimination Act of 1975, as amended, 42 U.S.C. § 6102, section 202 of the Americans with Disabilities Act of 1990, 42 U.S.C. § 12132, and Federal transit law at 49 U.S.C. § 5332, the Contractor agrees that it will not discriminate against any employee or applicant for employment because of race, color, religion, sexual orientation, gender identity, national origin, sex, age, disability, income status or Limited English Proficiency. In addition, the Contractor agrees to comply with applicable Federal implementing regulations and other implementing requirements FTA may issue.

(2) Equal Employment Opportunity - The following equal employment opportunity requirements apply to the underlying contract:

(a) Race, Color, Religion, Sex, Sexual Orientation, Gender Identity, National Origin - In accordance with Title VII of the Civil Rights Act, as amended, 42 U.S.C. § 2000e, and Federal transit laws at 49 U.S.C. § 5332, the Contractor agrees to comply with all applicable equal employment opportunity requirements of U.S. Department of Labor (U.S. DOL) regulations, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor," 41 C.F.R. Parts 60 et seq., (which implement Executive Order No. 11246, "Equal Employment Opportunity," as amended by Executive Order No. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," 42 U.S.C. § 2000e note), and with any applicable Federal statutes, executive orders, regulations, and Federal policies that may in the future affect construction activities undertaken in the course of the Project. The Contractor agrees to take affirmative action to ensure that applicants are employed, and that employees are treated during employment, without regard to their race, color, religion, sex, sexual orientation, gender identity, or national origin. Such action shall include, but not be limited to, the following: employment, upgrading, demotion or transfer, recruitment or recruitment advertising, layoff or termination; rates of pay or other forms of compensation; and selection for training, including apprenticeship. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.

(b) Age - In accordance with section 4 of the Age Discrimination in Employment Act of 1967, as amended, 29 U.S.C. § 623 and Federal transit law at 49 U.S.C. § 5332, the Contractor agrees to refrain

from discrimination against present and prospective employees for reason of age. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.

(c) Disabilities - In accordance with section 102 of the Americans with Disabilities Act, as amended, 42 U.S.C. § 12112, the Contractor agrees that it will comply with the requirements of U.S. Equal Employment Opportunity Commission, "Regulations to Implement the Equal Employment Provisions of the Americans with Disabilities Act," 29 C.F.R. Part 1630, pertaining to employment of persons with disabilities. In addition, the Contractor agrees to comply with any implementing requirements FTA may issue.

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

17. BREACHES AND DISPUTE RESOLUTION

Disputes - Disputes arising in the performance of this Contract which are not resolved by agreement of the parties shall be decided in writing by the authorized representative of Indiana Department of Administration (INDOT). This decision shall be final and conclusive unless within [ten (10)] days from the date of receipt of its copy, the Contractor mails or otherwise furnishes a written appeal to the Indiana Department of Administration. In connection with any such appeal, the Contractor shall be afforded an opportunity to be heard and to offer evidence in support of its position. The decision of the [title of employee] shall be binding upon the Contractor and the Contractor shall abide by the decision.

Performance During Dispute - Unless otherwise directed by (Recipient), Contractor shall continue performance under this Contract while matters in dispute are being resolved.

Claims for Damages - Should either party to the Contract suffer injury or damage to person or property because of any act or omission of the party or of any of his employees, agents or others for whose acts he is legally liable, a claim for damages therefore shall be made in writing to such other party within a reasonable time after the first observance of such injury or damage.

Remedies - Unless this contract provides otherwise, all claims, counterclaims, disputes and other matters in question between the (Recipient) and the Contractor arising out of or relating to this agreement or its breach will be decided by arbitration if the parties mutually agree, or in a court of competent jurisdiction within the State in which the (Recipient) is located.

Rights and Remedies - The duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available by law. No action or failure to act by the (Recipient), (Architect) or Contractor shall constitute a waiver of any right or duty afforded any of them under the Contract, nor shall any such action or failure to act constitute an approval of or acquiescence in any breach thereunder, except as may be specifically agreed in writing.

18. DISADVANTAGED BUSINESS ENTERPRISE (DBE)

The Indiana Department of Transportation, Office of Transit must receive certification from each transit vehicle manufacturer bidding on a federally assisted contract that the manufacturer has complied with DBE requirements in 49 CFR 26.49. Vehicle manufacturers are required to submit annual DBE goals directly to FTA. Federal funds cannot be used to purchase a vehicle from a manufacturer who has not submitted a goal to FTA.

Disadvantaged Business Enterprise (DBE) Certification for Transit Rolling Stock

I hereby certify, as a representative of a Transit Vehicle Manufacturer, that

THIS CERTIFICATION PROVIDED BY VARIOUS MANUFACTURERS. SEE ATTACHED

_____ (Manufacturer) has complied with the requirements of 49 CFR 26.49, Participation by Disadvantaged Business Enterprises in DOT Programs, and that our program and goals have not been disapproved by the Federal Transit Administration.

Signature of the Transit Vehicle Manufacturer Authorized Official

Name and Title of the Manufacturer’s Authorized Official

Date

19. INCORPORATION OF FEDERAL TRANSIT ADMINISTRATION (FTA) TERMS

Incorporation of Federal Transit Administration (FTA) Terms - The preceding provisions include, in part, certain Standard Terms and Conditions required by DOT, whether or not expressly set forth in the preceding contract provisions. All contractual provisions required by DOT, as set forth in FTA Circular 4220.1F http://www.fta.dot.gov/legislation_law/12349_8641.html are hereby incorporated by reference. Anything to the contrary herein notwithstanding, all FTA mandated terms shall be deemed to control in the event of a conflict with other provisions contained in this Agreement. The Contractor shall not perform any act, fail to perform any act, or refuse to comply with any grantee requests which would cause the grantee to be in violation of the FTA terms and conditions.

20. PROHIBITION AGAINST GEOGRAPHIC PREFERENCES

Per Federal Transit Administration (FTA) guidelines as noted in FTA Circular 4220.1E, the State of Indiana shall conduct procurements in a manner that prohibits the use of statutorily or administratively imposed in-State or local geographical preferences in the evaluation of bids or proposals, except in those cases where applicable Federal statutes expressly mandate or encourage geographic preference. This does not preempt State licensing laws.

21. ACCESS TO RECORDS

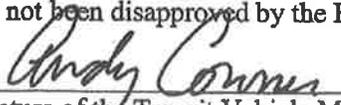
The State of Indiana (recipient) agrees to require, and assures that its subrecipients require, their third party contractors and third party subcontractors at each tier to provide to the U.S. Secretary of Transportation and the Comptroller General of the United States or their duly authorized representatives, access to all third party contract records as required by 49 U.S.C. § 5325(g). The Recipient further agrees to require, and assures that its subrecipients require, their third party contractors and third party subcontractors, at each tier, to provide sufficient access to third party procurement records as needed for compliance with Federal laws and regulations or to assure proper Project management as determined by FTA.

22. STATE/FEDERAL GUIDELINES PREVALENCE

Should any of the State’s Terms and Conditions conflict with the Federal Guidelines, the Federal Guidelines will prevail.

Disadvantaged Business Enterprise (DBE) Certification for Transit Rolling Stock
I hereby certify, as a representative of a Transit Vehicle Manufacturer, that

The Braun Corporation (Manufacturer) has complied with the requirements of 49 CFR 26.49, Participation by Disadvantaged Business Enterprises in DOT Programs, and that our program and goals have not been disapproved by the Federal Transit Administration.


Signature of the Transit Vehicle Manufacturer Authorized Official

Andy Conner, Commercial Entervan Manager
Name and Title of the Manufacturer's Authorized Official

September 14, 2015
Date

19. INCORPORATION OF FEDERAL TRANSIT ADMINISTRATION (FTA) TERMS

Incorporation of Federal Transit Administration (FTA) Terms - The preceding provisions include, in part, certain Standard Terms and Conditions required by DOT, whether or not expressly set forth in the preceding contract provisions. All contractual provisions required by DOT, as set forth in FTA Circular 4220.1F http://www.fta.dot.gov/legislation_law/12349_8641.html are hereby incorporated by reference. Anything to the contrary herein notwithstanding, all FTA mandated terms shall be deemed to control in the event of a conflict with other provisions contained in this Agreement. The Contractor shall not perform any act, fail to perform any act, or refuse to comply with any grantee requests which would cause the grantee to be in violation of the FTA terms and conditions.

20. PROHIBITION AGAINST GEOGRAPHIC PREFERENCES

Per Federal Transit Administration (FTA) guidelines as noted in FTA Circular 4220.1E, the State of Indiana shall conduct procurements in a manner that prohibits the use of statutorily or administratively imposed in-State or local geographical preferences in the evaluation of bids or proposals, except in those cases where applicable Federal statutes expressly mandate or encourage geographic preference. This does not preempt State licensing laws.

21. ACCESS TO RECORDS

The State of Indiana (recipient) agrees to require, and assures that its subrecipients require, their third party contractors and third party subcontractors at each tier to provide to the U.S. Secretary of Transportation and the Comptroller General of the United States or their duly authorized representatives, access to all third party contract records as required by 49 U.S.C. § 5325(g). The Recipient further agrees to require, and assures that its subrecipients require, their third party contractors and third party subcontractors, at each tier, to provide sufficient access to third party procurement records as needed for compliance with Federal laws and regulations or to assure proper Project management as determined by FTA.

22. STATE/FEDERAL GUIDELINES PREVALENCE

Should any of the State's Terms and Conditions conflict with the Federal Guidelines, the Federal Guidelines will prevail.

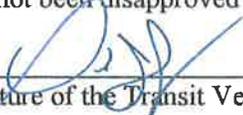
18. DISADVANTAGED BUSINESS ENTERPRISE (DBE)

The Indiana Department of Transportation, Office of Transit must receive certification from each transit vehicle manufacturer bidding on a federally assisted contract that the manufacturer has complied with DBE requirements in 49 CFR 26.49. Vehicle manufacturers are required to submit annual DBE goals directly to FTA. Federal funds cannot be used to purchase a vehicle from a manufacturer who has not submitted a goal to FTA.

Disadvantaged Business Enterprise (DBE) Certification for Transit Rolling Stock

I hereby certify, as a representative of a Transit Vehicle Manufacturer, that

Mobility Ventures LLC (Manufacturer) has complied with the requirements of 49 CFR 26.49, Participation by Disadvantaged Business Enterprises in DOT Programs, and that our program and goals have not been disapproved by the Federal Transit Administration.



Signature of the Transit Vehicle Manufacturer Authorized Official

Devin Ikenberry Manager, Government Bids & Contracts
Name and Title of the Manufacturer's Authorized Official

September 2, 2015
Date

Transit Vehicle Manufacturers (TVMs)

 [Sign up for email updates on this topic.](#)

If you are an FTA recipient, you must require in your DBE program that each transit vehicle manufacturer, as a condition of being authorized to bid or propose on FTA-assisted transit vehicle procurements, certify that it has complied with the requirements of this section. You do not include FTA assistance used in transit vehicle procurements in the base amount from which your overall goal is calculated.

Only those transit vehicle manufacturers listed on FTA's certified list of Transit Vehicle Manufacturers, or that have submitted a goal methodology to FTA that has been approved or has not been disapproved, at the time of solicitation are eligible to bid.

A TVM's failure to implement the DBE Program in the manner prescribed by 49 C.F.R. 26 may result in removal from FTA's certified TVMs list and the inability to bid on future FTA-assisted vehicle procurements.

An FTA recipient's failure to comply with the TVM DBE provisions may result in formal enforcement action or appropriate sanctions as determined by FTA (e.g., FTA declining to participate in the vehicle procurement).

TVMs must submit the Uniform Report of DBE Awards/Commitments and Payments on June 1 and December 1 of each fiscal year. Access a copy of the [Uniform Reporting form \(Excel\)](#). Reports must be submitted via email to FTA at theresa.robinson.ctr@dot.gov.

TVM training materials can be found on the [Civil Rights Training Materials](#) webpage.

 An [important program notice regarding FY 2015 DBE goal and program submissions \(PDF\)](#) is now available.

TVMs Eligible to Bid on Federally Funded Transit Agency Contracts in Federal Fiscal Year 2015

The chart below identifies the transit vehicle manufacturers that have obtained 49 CFR § 26.49 certification, each transit vehicle manufacturer's address, and their current DBE goal. All TVMs listed are eligible to bid on federally funded transit procurements.

This chart will be periodically updated as other TVMs become certified.

FTA recipients should contact their Regional Civil Rights Officer or the FTA Office of Civil Rights before accepting bids from transit vehicle manufacturers that are not listed in this chart.

Note: Click any header to sort by that topic.

#	Transit Vehicle Manufacturer	Address	City	State / Country / Territory	DBE Goal %	DBE Liaison Officer (DBELO)	
1	Alexander Dennis, Inc.	31566 Railroad Canyon Road Suite 342	Canyon Lake	CA	2.20%	Judy Lovitt	judy.l
2	Alstom Transportation, Inc.	1 Transit Drive	Hornell	NY	9.59%	Michelle Studer	michs
3	AnsaldoBreda Inc.	101 The Embarcadero, Suite 210	San Francisco	CA	3.00%	James Core	jcore@
4	AnsaldoBreda SpA	Via Ciliegiole 110/B 51100	Pistoria	Italy	12.00%	Andrea Pepi	pepi.a
5	ARBOC Specialty Vehicles	51165 Greenfield Parkway	Middlebury	IN	3.30%	Donna Ballge	dballg
6	Blue Bird Corporation	402 Blue Bird Blvd, P.O. Box 937	Fort Valley	GA	1.00%	Angela Mann	angel
7	Bombardier, Inc.	1101 Parent Street, Saint-Bruno	Quebec	Canada	10.00%	Sophie Moore	sophi
8	Braun Corporation	631 W 11th Street	Winamac	IN	5.00%	Ken Morgel	ken.r
9	Brookville Equipment Corporation	175 Evans Street	Brookville	PA	2.40%	Becky Griffin	bgriff
10	BYD Motors	1800 South Figueroa Street	Los Angeles	CA	4.00%	Greg Davis	greg.d
11	CAFUSA, Inc.	1401 K Street, N.W.	Washington	DC	8.50%	Tonia Crosby	tonia
12	Champion Bus, Inc.	331 Graham Road	Imlay City	MI	1.00%	Larry Mabery	lmab

13	Coach & Equipment Manufacturing Corporation	130 Horizon Park Drive/P.O. Box 36	Penn Yan	NY	1.92%	Carl Bix	cbix@
14	Diamond Coach Corporation	2300 W 4th Street	Oswego	KS	1.00%	Kate Strickland	kstric
15	EIDorado National, Inc.	9670 Galena Street	Riverside	CA	5.00%	Jake Calvo	jake.c
16	Enviornmental Performance Vehicles (EPV) Corporation	2309 Nevada Blvd	Charlotte	NC	5.00%	Joshua Anderson	josh.a
17	Forest River: Elkhart, Glaval, Starcraft	914 County Road 1	Elkhart	IN	1.55%	Joe Goeglein	jgoeg
18	Gillig, LLC	25800 Clawiter Road	Hayward	CA	2.25%	Chris Turner	chris.
19	Goshen Coach, Inc.	25161 Leer Drive	Elkhart	IN	0.37%	Mike Person	mpers
20	Hometown Trolley/Double K, Inc.	701 North Railroad Avenue	Crandon	WI	3.00%	Talia Walerko	talia@
21	Hyundai Rotem USA Corporation	2400 Weccacoe Avenue	Philadelphia	PA	5.00%	Andy Hyer	andy.
22	Kinkisharyo International, LLC	400 Blue Hill Drive	Westwood	MA	5.00%	Lyndie Avery	avery
23	Lone Star	12953 Hwy 64 West	Tyler	TX	15.00%	Norma Niderhofer	norm
24	Mitsubishi Heavy Industries America, Inc.	630 Fifth Avenue, Suite 2650	New York	NY	2.00%	Michael Ang	miche
25	Mobility Transportation Services	42000 Koppernick Road, #A3	Canton	MI	2.02%	Dave Brown	dave@
26	Mobility Ventures (MV-1)	12200 Hubbard St.	Livonia	MI	1.99%	Kirk Alston	kirk.a
27	Mobility Works	1090 W. Wilbeth Road	Akron	OH	1.00%	Cindy Poinar	cpoin
28	Motive Power, Inc. (A Webtec Company)	4600 Apple Street	Boise	ID	4.00%	Zach Maulik	zmau
29	Motor Coach Industries	1700 E. Gulf Road	Schaumburg	IL	11.18%	Shannon Davis	shann
30	National Van Builders, Inc.	80 Pine Street	Attleboro	MA	2.50%	Glen Perlman	glen@
31	New Flyer Industries, Inc.	711 Kernaghan Ave.	Winnipeg	Manitoba	3.93%	Raul Ramirez	raul_
32	Nova Bus (a Division of Prevost Car, Inc.)	260 Banker Road	Plattsburgh	NY	5.00%	Michelle Sahai	miche
33	Proterra	1 Whitlee Court	Greenville	SC	5.00%	Jonathan Bearden	jonat
34	Siemens Industry, Inc.	7464 French Road	Sacramento	CA	5.65%	Michelle Picard	miche
35	Stadler US, Inc.	231 North Ave. W. #112	Westfield	NJ	3.95%	Stephen Bonina	steph
36	Sumitomo Corporation of America	600 Third Avenue	New York	NY	3.67%	Satoshi Suzuki	satosi
37	Talgo, Inc.	3533 North 27th Street	Milwaukee	WI	6.51%	Christopher Crist	ccrist
38	Transportation Technology, Inc.	940 Nepperhan Avenue	Yonkers	NY	3.34%	Warren Azzara	warre
39	Turtle Top	67819 State Road 15	New Paris	IN	0.76%	Janet Kercher-Dudley	janetc
40	Vossloh Espana S.A.U.	Mitjera	6 Albuixech		3.70%	Jose-Manuel Conde	jose-r
41	Vossloh Kiepe North America	359 Curie Drive	Alpharetta	GA	2.03%	Kevin Kirk	k.kirk
42	Winnebago Industries	605 W. Crystal Lake Road	Forest Lake	IA	0.40%	Jamie Sorenson	jsorer

23. ASSIGNABILITY CLAUSE

Federal funded Section 5307, 5310, 5311 and 5339 grant recipients located in the State of Indiana, with written approval from the Indiana Department of Transportation, Office of Transit Section, may participate in any contract(s) resulting from this RFP. INDOT reserves the right to revoke or deny this assignability clause at its discretion.

Interested grant recipients should contact Brian Jones at 317-232-1493. Any grant recipient utilizing any said contract(s) are solely responsible for ensuring compliance with FTA procurement guidelines and regulations.

24. FIVE YEAR LIMITATION

The Federal Transit Administration (FTA) limits a contract to purchasing no more than the recipient's material requirements for rolling stock or replacement parts for five years based on the effective date of the contract.

25. SPECIAL NOTIFICATION REQUIREMENTS FOR STATES

The Federal Transit Administration is or will be providing Federal assistance for the procurement. INDOT estimates up to \$4,250,000 in federal funds are available on an annual basis to purchase different types of mobility vehicles through the FTA Section 5310, 5311 and 5339 programs. The CFDA #s are 20.513, 20.509 and 20.526 respectively.

26. ADA ACCESS CLAUSE

Access for Individuals with Disabilities. The Contractor agrees to comply with 49 U.S.C. § 5301(d), which states the Federal policy that elderly individuals and individuals with disabilities have the same right as other individuals to use public transportation services and facilities, and that special efforts shall be made in planning and designing those services and facilities to implement transportation accessibility rights for elderly individuals and individuals with disabilities.

The Contractor also agrees to comply with all applicable provisions of section 504 of the Rehabilitation Act of 1973, as amended, with 29 U.S.C. § 794, which prohibits discrimination on the basis of disability; with the Americans with Disabilities Act of 1990 (ADA), as amended, 42 U.S.C. §§ 12101 et seq., which requires that accessible facilities and services be made available to individuals with disabilities; and with the Architectural Barriers Act of 1968, as amended, 42 U.S.C. §§ 4151 et seq., which requires that buildings and public accommodations be accessible to individuals with disabilities. In addition, the Contractor agrees to comply with applicable Federal regulations and directives and any subsequent amendments thereto, except to the extent the Federal Government determines otherwise in writing, as follows:

- (1) U.S. DOT regulations, "Transportation Services for Individuals with Disabilities (ADA)," 49 C.F.R Part 37;
- (2) U.S. DOT regulations, "Nondiscrimination on the Basis of Handicap in Programs and

Activities Receiving or Benefiting from Federal Financial Assistance," 49 C.F.R. Part 27;

(3) Joint U.S. Architectural and Transportation Barriers Compliance Board (U.S. ATBCB)/U.S. DOT regulations, "Americans With Disabilities (ADA) Accessibility Specifications for Transportation Vehicles," 36 C.F.R Part 1192 and 49 C.F.R Part 38;

(4) U.S. DOJ regulations, "Nondiscrimination on the Basis of Disability in State and Local Government Services," 28 C.F.R Part 35;

(5) U.S. DOJ regulations, "Nondiscrimination on the Basis of Disability by Public Accommodations and in Commercial Facilities," 28 C.F.R Part 36;

(6) U.S. General Services Administration (U.S. GSA) regulations, "Accommodations for the Physically Handicapped," 41 C.F.R Subpart 101-19;

(7) U.S. Equal Employment Opportunity Commission, "Regulations to Implement the Equal Employment Provisions of the Americans with Disabilities Act," 29 C.F.R Part 1630;

(8) U.S. Federal Communications Commission regulations, "Telecommunications Relay Services and Related Customer Premises Equipment for the Hearing and Speech Disabled," 47 C.F.R Part 64, Subpart F; and

(9) U.S. ATBCB regulations, "Electronic and Information Technology Accessibility Standards," 36 C.F.R Part 1194;

(10) FTA regulations, "Transportation for Elderly and Handicapped Persons," 49 C.F.R Part 609; and

(11) Federal civil rights and nondiscrimination directives implementing the foregoing regulations. FTA Contract Clauses.

27. CONTRACT WORK HOURS AND SAFETY STANDARDS ACT

Activities Not Involving Construction. Federal laws and regulations providing wage and hour protections for nonconstruction employees, including:

(1) Section 102 of the Contract Work Hours and Safety Standards Act, as amended, 40 U.S.C. § 3702, and other relevant parts of that Act, 40 U.S.C. § 3701 *et seq.*, and

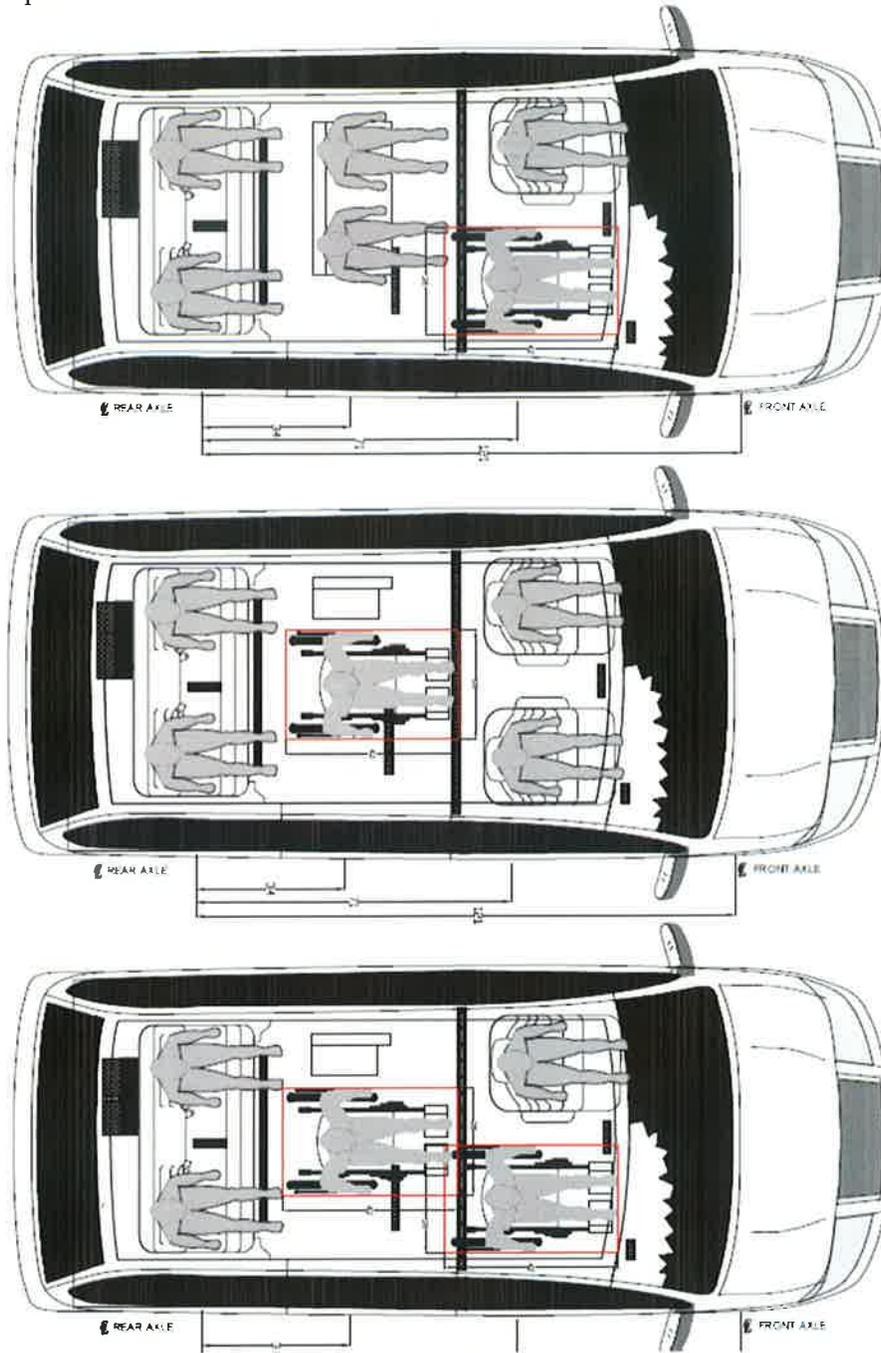
(2) U.S. DOL regulations, "Labor Standards Provisions Applicable to Contracts Covering Federally Financed and Assisted Construction (also Labor Standards Provisions Applicable to Nonconstruction Contracts Subject to the Contract Work Hours and Safety Standards Act)," 29 C.F.R. part 5,

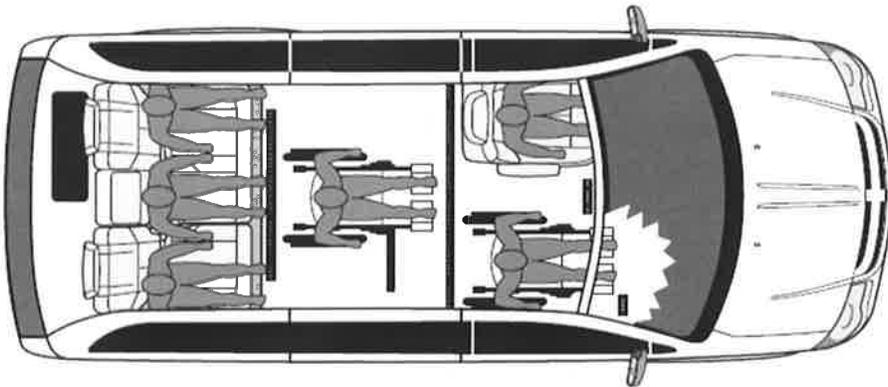
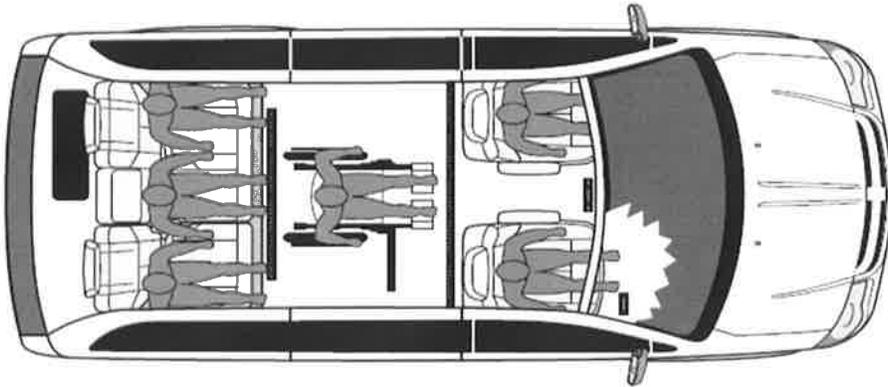
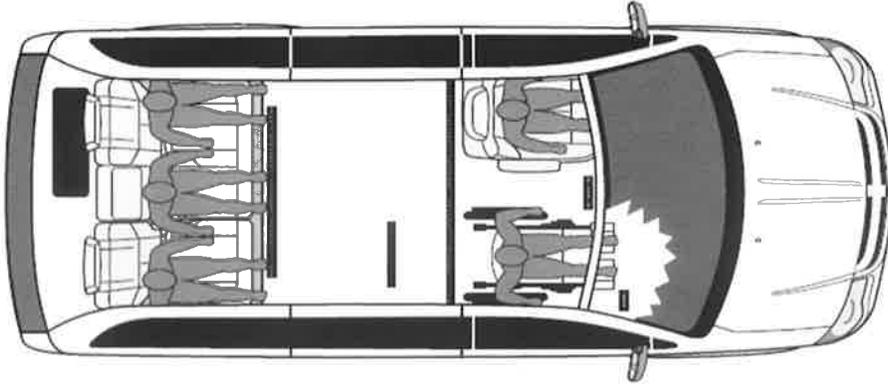
3. Typical Floor Plans

The following are examples of acceptable floor plans for each vehicle. However, it is the Respondent's responsibility to assure that the vehicle proposal meets all specifications (dimensions, etc.) even if using the example floor plans. Other floor plans may be submitted by the Respondent for approval. If they are not approved, the Respondent will have the option of providing a floor plan matching the example for the vehicle, at no cost increase, or of withdrawing their proposal.

3.1. Low Floor Minivan

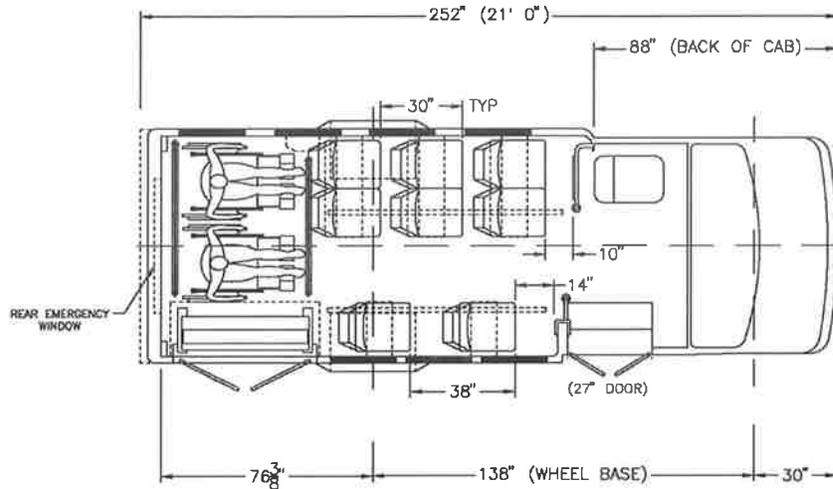
The following are examples of acceptable floor plans for low floor minivans, with and without the removable seat option.





3.2. Small Transit Vehicle

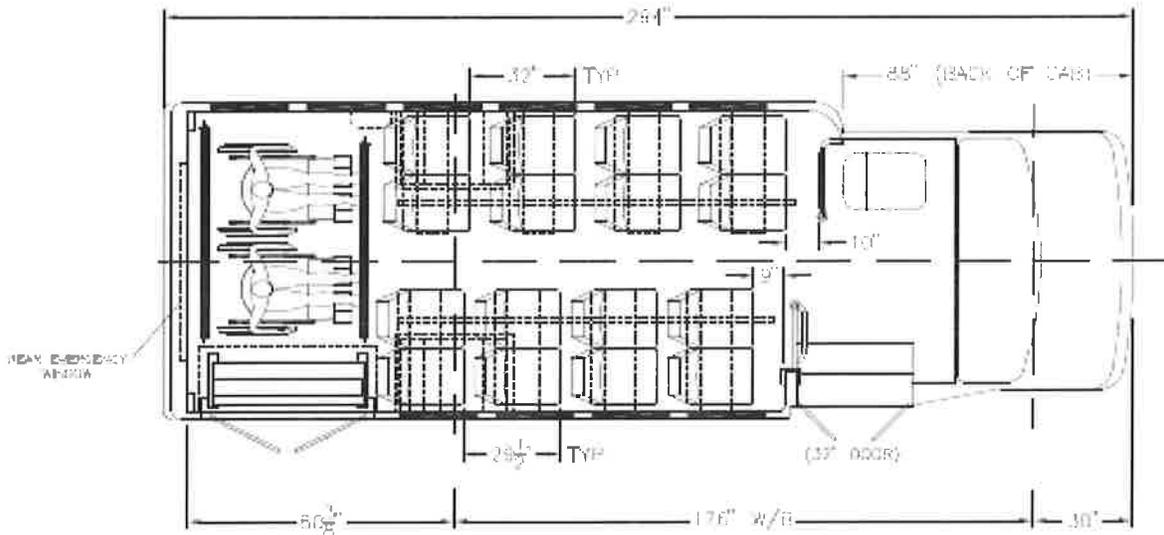
STANDARD FLOOR PLAN



With standard seating configuration (8 ambulatory, 2 w/c)

3.3. Large Transit Vehicle

STANDARD FLOOR PLAN for 176" wheelbase (Large Transit Vehicle)



Actual floor plans will vary by manufacturer.

FLOOR PLAN for Option #1 158" w/b (floor plan will vary by manufacturer)

