

2019 State Price Agreement Base Vehicle Specifications Category E-3 and E-2

1. Specifications for Base Vehicle in Category E3 and E2 Rear Lift / Ramp Minivan

This minivan must be capable of carrying in one trip at least three (3) ambulatory adult forward-facing seated passengers and one (1) passenger seated in mobility aids, in addition to the driver. The vehicle is convertible to at least five (5) ambulatory passengers, plus the driver, when the (2) passenger cantilever seat is deployed. This minivan must be made ADA compliant through a modification whereby the vehicle floor area is cut in the center of the vehicle just behind the front seats and extends all the way to the rear hatch and is lowered to meet minimum ADA door opening height requirement (56"). There must be no modification to any portion of the vehicle roof in meeting the ADA door opening height requirement. A 34" usable clear width manual, mobility aid ramp/lift system is to be mounted vertically and inboard of the rear hatch door, and one (1) mobility aid position must be included.

1.1. Chassis

The basic vehicle factory color must be OEM standard white, with other available OEM factory colors options available through request for quote (RFQ) process.
The minivan must have a 121" minimum wheelbase.
The vehicle must be equipped with 4-wheel disc brakes and a factory Anti-Lock Brake System. The vehicle must be equipped with the factory OEM parking brake assemblies and dash warning light.
The chassis must offer a minimum GVWR of 6050#. The vehicle as converted must not exceed the OEM chassis GVWR.
The rear suspension must incorporate coil springs of sufficient rate to be capable of providing weight capacity and height control to meet ADA requirements and for proper ground clearance. Vertical damping of the suspension must be accomplished by OEM equivalent shock absorbers that must maintain their effectiveness for at least standard OEM warranty period without repairs in normal service. Suspension system components must be matched and tuned to provide maximum load capacity, ride quality, stability, and desirable steering and handling characteristics.
Minimum 3.6 L, V-6, gasoline engine with electronic fuel injection with heavy-duty 6-speed automatic, electronically controlled transmission with overdrive or equivalent must be installed
OEM Standard Radiator and cooling system, with coolant recovery system factory installed; 50-50 mixture of factory specified antifreeze and water must be included
Vehicle must have the heaviest-duty available factory installed battery. Battery cables and connectors must be, at a minimum, OEM (600 cca, 12 volt maintenance free).
Full aluminized steel exhaust system or equivalent must be installed
Alternator shall be factory installed, heaviest duty available (160 amp minimum).
The minivan must be equipped with four (4) Stamped Steel wheels with Painted Bolt-on Wheel Covers, 17" minimum, and an OEM compact size spare. Tires must be steel belted radials, as required by the OEM for the chassis specified.
The spare tire must mount inside the vehicle and be secured with an easily accessible carrier. Tire changing equipment, as provided by the OEM, must include a jack of sufficient strength/capacity, and

other tools necessary for changing the mounted tires, must be stored in a compartment/ container within the vehicle.
Driver's side console with 12V powerpoint (2); USB Port(s) and either overhead console or front or side console storage for driver's gear
Two (2) sunvisors must be installed for driver and co-pilot
Tinted windows all around, to the extent allowed by Oregon Law. Power front one touch windows; Second row power windows and power third row vented windows
Power door locks with 3 Key fobs – programmed and included on separate tags at delivery
Fuel tank must have OEM capacity. Tank, fuel lines, and hardware must meet all current FMVSS, including FMVSS 301, as well as all current CARB and EPA requirements and must be OEM equivalent in connection types, etc. The use of worm clamps is limited to that of the OEM. Tank must be calibrated with the OEM dash fuel gauge.
OEM Intermittent windshield wipers shall be installed
Rear window washer-wiper and power defroster shall be installed
Front and rear license plate brackets with mounting frames / screws on each shall be installed
An OEM heating/defrosting and air conditioning system with vents front and rear shall be installed. All lines and hoses must be sufficiently fastened, protected, and insulated to ensure against wear from friction and the elements. The lines must be mechanically attached, with OEM clamps, to the vehicle structure at no greater than 18 inch intervals and must be routed so as not to be exposed to wheel spray and not pass within 2 inches of any part of the exhaust system. Conversion must not impede access to front and rear air conditioning components.
Heated, electrically controlled exterior mirrors, manually folding shall be installed
The minivan must have rear non-logo mud flaps
Stereo must be OEM AM/FM stereo with CD and MP3 with factory installed speakers.
Minivan must come equipped with OEM back-up camera mounted in dash screen and activated when the minivan is shifted into reverse
The minivan must come with auxiliary wiring harnesses including fused circuits
The rear cargo door shall be installed with a quick release, manual override for opening the door from inside the vehicle. Capable of opening the door even if the door is locked. The vehicles override device must be spring loaded and mounted on the inside of the rear door to prevent accidental release. A decal must be included showing operating instructions.
OEM tilt steering wheel, cruise control, and OEM power steering shall be installed
The minivan must have daytime running lights
The minivan must come equipped with an engine block heater

1.2. Body Conversion

Conversion of a minivan by modifying the existing sidewalls and floor shall require the construction that maintains OEM structural equivalent. All metal components that are added must be welded by qualified operators and made corrosion resistant through suitable primer application and the use of undercoating.
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Conversion must allow a minimum clearance of 58" at the vehicle center of the interior roof
Body Length: Chassis must not exceed 202.5" in length.
All exposed floor seams must be sealed with an industrial grade butyl sealant or equivalent which conforms to ASTM C920. The entire surface of exterior lowered floor must 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 must comply with current Federal and State flammability standards.
All metal, plastic, and rubber fluid lines beneath the vehicle that are altered or exposed as a result of floor modification must be secure and reasonably protected from road damage. Any fuel and brake line modification/alteration must be of OEM equivalent material or workmanship. Straightening and re-bending OEM brake or fuel lines is strictly prohibited.
The minivan must have standard OEM driver and passenger front and sliding doors; and one manually operated mobility aid accessible rear door. The manual rear mobility aid accessible entry door must offer a minimum opening height of 56", a minimum usable ramp width of 34", and a maximum of 12" floor-to-ground height. Or Lift - ADA approved, must meet or exceed FMVSS #403 & #404 requirements and all State, Federal, ICC, and ADA requirements. Minimum clear dimensions for platform are 34" wide X 51" length. The standard location for the lift is rear, out the rear OEM doors. The standard lift must be rated for 1000 lbs.
All interior panels must be OEM or OEM equivalent. Panel fastening devices must match the color of the panels. The interior must contain smooth finishes without any unprotected sharp edges. The basic vehicle interior must be gray. All interior panels must meet FMVSS 302.
Each vehicle must have a 12-volt electrical charging system as supplied from the OEM. All electrical wiring must be automotive stranded copper, of sufficient gauge to handle the load, color-coded to match the OEM. All harnesses that are modified or added to the vehicle must be secured to the frame/body at a maximum of two feet intervals with insulated clamps, or adhesive tape, etc. All exposed terminals and wiring must be protected from the elements using sealed terminals or heat shrink where necessary. Exposed wires must be wrapped or loomed in corrosion/moisture-resistant material.
5 total seats, (4 rear including double folding seat for 2 passengers + 1 front) with one ADA wheelchair station. All seats to be vinyl covered – No cloth All seats and restraints in the vehicle as specified must comply with current FMVSS standards.
The driver seat must be manually operated, OEM covered in matching vinyl with inboard armrest.
The front passenger seat must be OEM, matching the driver's seat.
The OEM quad seats are mounted on bases that fold towards the outside of the minivan to create additional space for the wheelchair if needed. The back of the seat folds down flat, and the entire seat assembly flips to the side, and stores between the lowered floor area and the sliding door.
The minivan must include a (2) passenger cantilever seat for rear seat position (increases ambulatory capacity to five (5) passengers plus driver.) Vinyl covered fabric to match all other seats.
Restraints must be furnished for all passengers, consisting of shoulder seatbelts and/or lap belts. Each belt must be equipped with an automatic retractor. Securement devices, both for ambulatory and mobility aid passengers, must meet all State and Federal Standards.
The lowered floor skin must be constructed of 14 ga. galvanized steel or equivalent. The frame rails must be made of laser cut and formed 7 ga. Steel or equivalent. The floor must be lowered from the rear of front row seats to the rear hatch. The width of the floor must be a minimum of 33". Mobility aid restraint tracks and seat locks must be beveled, with no sharp edges and must protrude no more than 1/4" above floor surface.

Commercial grade vinyl transit floor covering must cover the entire lowered floor surface and driver area. No carpeting allowed on the floor of the minivan. Indicate the type of flooring included with RFP response
Each vehicle must be equipped with one (1) Q-Straint QRTMAX slide-n-click series or equivalent forward facing mobility aid securement and occupant restraint system. The system shall utilize slide-n-click receivers, capable of securing a variety of common mobility aid designs and accommodate a wide range of occupant sizes. All attachment hardware and anchorages must meet or exceed the 30 mph/20 Impact Test criteria per SAE J2249, 36 CFR Part 1192 and CFR Part 38, and all applicable Federal Motor Vehicle Safety Standards, as amended. Each securement position system shall consist of four (4) retractable securement strap assemblies that attach to the structural frame of the mobility aid at four separate points and anchor into the Q'Straint pucks 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 an adjustable lap and a shoulder belt and must meet all applicable Federal Motor Vehicle Safety Standards. Storage bags must be included for each system.
Priority seating signs and all other ADA required signage must be in place and installed per lift/ramp manufacturers and ADA standards.
The ramp/lift door must be interlocked with the vehicle transmission to ensure the vehicle cannot be shifted out of park while the rear hatch door is ajar. Interlock system must comply with Americans with Disabilities Act (ADA) requirements, as set forth in ADA 49CFR 38.23(b), and protected from the weather.
The vehicle must be equipped with a manually operated mobility access ramp which stows vertically and deploys through the rear hatch door. The installed ramp must not obstruct the view of the driver through any vehicle window. The ramp must have a minimum usable width of 34" and a slope meeting the requirements of ADA, 49 CFR. The ramp surface must be continuous and made skid resistant through powder coating. It must have no protrusions from the surface greater than 1/4" and shall accommodate both four-wheel and three-wheel mobility aids. The ramp must have a rated capacity of 1000 lbs, with a safety factor of at least three (3) based on the ultimate strength of the material. Each side of the ramp must have protective barriers at least two (2) inches high to prevent mobility aids from rolling off of the ramp edge. Or Contractor must install the Lift in the OEM rear without body structure modifications. The base vehicle must have a rear lift that exits out the rear OEM double doors. Lift Door - Vertically hinged, horizontal swing, double doors - with windows, must be installed for the installation of a wheelchair lift device meeting ADA standards. The height of the lift door must be in compliance with CFR 49 Part 38.25 (ADA) and can accommodate 34" lift platform. The doors must be equipped with gas struts to prevent unintentional closure while operating W/C lift. Lift doors for Base vehicle must be in a rear lift location (behind the wheel wells).
(2) OEM seat belt extenders
(1) Seat belt extender and belt extender to match securement system for wheelchair occupant
Driver and passenger running boards – may be integrated or add-on.
Include a 5# Fire Ext., 10 Unit F.A.K., Triangle Flare Kit, Body Fluid Clean-up Kit– secured in the minivan at time of delivery
Seat Belt Cutter, Mounted to driver dash in reach of driver while seated
Pre-Wire for 2 way Radio – wires to terminate to right of doghouse
Usable driver's cupholder in doghouse
Overhead LED lighting shall be installed in the rear hatch of the vehicle and at side sliding doors for ambulatory passengers that provides not less than two foot-candles of illumination at the entrance area.

This system must illuminate automatically when the vehicle doors are open. All accessory vehicle lighting must conform to ADA 49 CFR, Part 38, Subpart B.
The minivan must come equipped with a 3 camera surveillance system with a minimum 1tb hard drive. One camera facing out the front, one camera facing front to back and one camera out the back. One spare hard drive and a hard driver reader shall also be supplied. Indicate which manufacturer of surveillance equipment shall be supplied in the base unit.
One set of chassis manuals including service and electrical manuals to be delivered with the minivan at time of delivery

1.3. SERVICE, WARRANTIES AND DELIVERY

Maintenance and Inspection Schedule - a single comprehensive maintenance and inspection schedule for each vehicle shall be supplied when delivering the vehicle to the Authorized Purchaser. Maintenance and Inspection schedules must include, but are not limited to, the required maintenance and inspection of body, chassis, tires, wheelchair ramp and other equipment and sub-systems, as prescribed by the respective manufacturers.
Quality - body converter must meet chassis manufacturer's quality assurance program, if available. Certification from chassis manufacturer must be submitted with RFQ process.
Tires shall be covered by O.E.M warranty.
Wheelchair ramp/lift system must be covered by O.E.M warranty.
Body structure materials and workmanship shall be covered by O.E.M. warranty.
Installation, labor and workmanship (including electrical) performed by the body converter, final stage manufacturer or vendor (if vendor installs components or otherwise completes vehicle) shall be covered by O.E.M. warranty.
All other components and accessory equipment shall be covered by a warranty of at least one (1) year/12,000 miles, unless covered by an applicable manufacturer's warranty exceeding this. Contractor shall assist as needed in coordinating repairs within the warranty period for each component and applicable warranty.
Contractor shall provide a report of all warranties and excluded warranties associated with each vehicle.
During established warranty periods, the contract vendor and respective manufacturer shall furnish all warranty parts at no cost to the transit system.
The contract vendor shall provide the recipient, or a designated representative of the recipient, the opportunity to inspect the vehicle for compliance with these specifications and applicable motor vehicle regulations. The inspection(s) must be completed prior to the delivery and acceptance of the vehicle.
Prior to releasing the vehicle to the recipient, the contract vendor shall provide hands on instructions, by a qualified and experienced employee, in the proper and safe operation of all mechanical, electrical and hydraulic components in the vehicle. Towing procedures must be included in the instruction. The recipient's driver/designee will conduct an operational familiarization test drive with the contract vendor's employee.

1.4. Optional Equipment

Attached to Contractor's RFP proposal was a comprehensive listing of optional equipment that is incorporated into the Price Agreement. Authorized Purchasers ordering under this Price Agreement shall be able to select optional equipment from this listing without incurring cost for additional engineering hours for any changes in optional equipment.
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2. Specifications for Base Vehicle in Category E2 and E3 Side Entry Minivan

This minivan must be capable of carrying in one trip at least three (3) ambulatory adult forward-facing seated passengers and two (2) passengers seated in mobility aids, in addition to the driver. The vehicle is convertible to at least five (5) ambulatory passengers, plus the driver, when the (2) passenger cantilever seat is deployed. This minivan must be made ADA compliant through a modification whereby the vehicle floor area is cut from the engine firewall to the rearmost passenger seat and lowered to meet minimum ADA door opening height requirement (56"). There must be no modification to any portion of the vehicle roof in meeting the ADA door opening height requirement. Must include an accessible manually operated In-Floor or fold/swing out ramp, or an ADA approved lift, that meets or exceed FMVSS #403 & #404 requirements and all State, Federal, ICC, and ADA requirements.

2.1. Chassis

The basic vehicle factory color must be OEM standard white, with other available OEM factory colors options available through request for quote process.
The minivan must have a 121" minimum wheelbase.
The vehicle must be equipped with 4-wheel disc brakes and a factory Anti-Lock Brake System. The vehicle must be equipped with the factory OEM parking brake assemblies and dash warning light.
The chassis must offer a minimum GVWR of 6050#. The vehicle as converted must not exceed the OEM chassis GVWR.
The chassis must come with anti-skid stability / electronic traction control with self-leveling heavy-duty, air-ride type or equivalent suspension system
Minimum 3.6 L, V-6, gasoline engine with electronic fuel injection with heavy-duty 6-speed automatic, electronically controlled transmission with overdrive or equivalent shall be installed
OEM Standard, with coolant recovery system factory installed; 50-50 mixture of factory specified antifreeze and water must be included
Vehicle must have the heaviest-duty available factory installed battery. Battery cables and connectors must be, at a minimum, OEM (600 cca, 12 volt maintenance free).
Full stainless steel exhaust system or equivalent shall be installed
Alternator shall be factory installed, heaviest duty available (160 amp minimum).
The minivan must be equipped with four (4) Stamped Steel wheels with Painted Bolt-on Wheel Covers, 17" minimum, and an OEM compact size spare. Tires must be steel belted radials, as required by the OEM for the chassis specified.
The spare tire shall mount underneath the vehicle and be secured with an easily accessible carrier. Tire changing equipment, as provided by the OEM, must 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.
Driver's side console with 12V powerpoint (2); USB Port(s) and either overhead console or front or side console storage for driver's gear
Two (2) vinyl sunvisors shall be installed for driver and co-pilot
Tinted windows all around, as allowed by Oregon law. Power front one touch windows; Second row power windows and power third row vented windows

Power door locks with 3 Key fobs – programmed and included on separate tags at delivery
Fuel tank must be OEM with OEM capacity of (20) gallons minimum. Tank, fuel lines, and hardware must meet all current FMVSS, including FMVSS 301, as well as all current CARB and EPA requirements and must be OEM equivalent in connection types, etc. The use of worm clamps is limited to that of the OEM. Tank must be calibrated with the OEM dash fuel gauge.
OEM Intermittent windshield wipers shall be installed
Rear window washer-wiper and power defroster shall be installed
Front and rear license plate brackets with mounting frames / screws on each shall be installed
An OEM heating/defrosting and air conditioning system with vents front and rear shall be installed. All lines and hoses must be sufficiently fastened, protected, and insulated to ensure against wear from friction and the elements. The lines must be mechanically attached, with OEM clamps, to the vehicle structure at no greater than 18 inch intervals and must be routed so as not to be exposed to wheel spray and not pass within 2 inches of any part of the exhaust system. Conversion must not impede access to front and rear air conditioning components.
Heated, electrically controlled exterior mirrors, manually folding shall be installed
The minivan must have rear non-logo mud flaps
Stereo must be OEM AM/FM stereo with CD and MP3 with factory installed speakers.
Van must come equipped with OEM back-up camera mounted in dash screen and activated when the minivan is shifted into reverse
The minivan must come with auxiliary wiring harnesses including fused circuits
The rear cargo door shall be installed with a quick release, manual override for opening the door from inside the vehicle. Capable of opening the door even if the door is locked. The vehicles override device must be spring loaded and mounted on the inside of the rear door to prevent accidental release. A decal must be included showing operating instructions.
OEM tilt steering wheel, cruise control, and OEM power steering shall be installed
The minivan must have daytime running lights
The minivan must come equipped with an engine block heater

2.2. Body Conversion

Conversion of a minivan by modifying the existing sidewalls and floor must require the construction that maintains OEM structural equivalent. All metal components that are added must be welded by qualified operators and made corrosion resistant through a commercial primer application or the use of stainless steel material.
Interior Height: Conversion must allow a minimum clearance of 61” at the vehicle center of the interior roof.
Body Length: Chassis must not exceed 202.5” in length.
All exposed floor seams must be sealed with an industrial grade butyl sealant or equivalent which conforms to ASTM C920. The entire surface of exterior lowered floor must 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 must comply with current Federal and State flammability standards.

All metal, plastic, and rubber fluid lines beneath the vehicle that are altered or exposed as a result of floor modification must be secure and reasonably protected from road damage. Any fuel and brake line modification/alteration must be of OEM equivalent material or workmanship. Straightening and re-bending OEM brake or fuel lines is strictly prohibited.

The minivan must have standard OEM driver and passenger front doors; one manual left side rear door (extended to floor level), and one manual right side mobility aid accessible rear door. The manual left side sliding door must be OEM and extended to floor level to allow a minimum entry height of 56". This door must be equipped with an interlock system so that the door cannot be opened from the inside or outside when fuel door is open. The manual right side mobility aid accessible entry door must offer a minimum opening height of 56", a minimum usable ramp width of 30", and a maximum of 12" floor-to-ground height. Door extensions must be constructed of Aluminized steel or stainless steel. Both sliding doors must have a mechanism to securely hold doors in open position when vehicle is on a hill. Sliding doors must have reinforced glides with an added stop brace to prevent doors from sliding off track. Door tracks must be reinforced or strengthened beyond OEM standards as needed in all areas of contact with sliding door arms, or a Lift Door - Vertically hinged, horizontal swing, double doors - with windows, must be installed for the installation of a wheelchair lift device meeting ADA standards. The location of this door must be on the right side of the vehicle. The height of the lift door must be in compliance with CFR 49 Part 38.25 (ADA) and can accommodate 34" lift platform. The doors must be equipped with gas struts to prevent unintentional closure while operating W/C lift.

The rear suspension must incorporate a hydraulic suspension system capable of providing load leveling and height control to meet ADA requirements and for improved ground clearance. Spacers may be added to front and/or rear suspension to maintain ground clearance and ADA requirements; otherwise rear suspension shall be retained as supplied by OEM chassis manufacturer with minimal modifications. There must be a minimum of five (5) inches clearance between the break-over angle position of the vehicle exhaust pipe and level ground when loaded with 1100 lbs. maximum. Vertical damping of the suspension must be accomplished by OEM shock absorbers that shall maintain their effectiveness for at least standard OEM warranty period without repairs in normal service. Rear suspension components must be the heaviest duty OEM equipment available. Front and rear suspension systems must be the heaviest duty OEM equipment available. Suspension system components must be matched and tuned to provide maximum load capacity, ride quality, stability, and desirable steering and handling characteristics. The vehicle must be tested to FMVSS 126 Electronic Stability Control Test.

All interior panels must be OEM or OEM equivalent. Panel fastening devices must match the color of the panels. The interior must provide a pleasant atmosphere, be aesthetically pleasing, and contain smooth finishes without any unprotected sharp edges. The basic vehicle interior must be gray. All interior panels must meet FMVSS 302.

Each vehicle must have a 12-volt electrical charging system as supplied from the OEM. All electrical wiring must be automotive stranded copper, of sufficient gauge to handle the load, color-coded to match the OEM. All harnesses that are modified or added to the vehicle must be secured to the frame/body at a maximum of two feet intervals with insulated clamps, or adhesive tape, etc. All exposed terminals and wiring must be protected from the elements using sealed terminals or heat shrink where necessary. Exposed wires must be wrapped or loomed in corrosion/moisture-resistant material.

5 total seats, (4 rear including middle folding seat for 2 passengers + 1 front) with two ADA wheelchair stations. All seats to be vinyl covered

All seats and restraints in the vehicle as specified must comply with current FMVSS standards.

The driver seat shall be manually operated, OEM covered in matching vinyl with inboard armrest.

<p>The front passenger seat must be OEM, matching the driver's seat. The seat base must be adapted to permit easy roll out for mobility aid access/securement. The seat must lock and unlock easily from the floor area.</p>
<p>The rearmost passenger seat must be the OEM rear bench seat, LOWERED, capable of comfortably accommodating two adult passengers, and is to be covered with vinyl upholstery to match the driver and front passenger seats.</p>
<p>Restraints must be furnished for all passengers, consisting of shoulder seatbelts and/or lap belts. Each belt must be equipped with an automatic retractor. Securement devices, both for ambulatory and mobility aid passengers, must meet all State and Federal Standards.</p>
<p>The floor must be lowered from the front firewall to just before the rear axle. The width of the floor must extend from side doorsill to side doorsill. Mobility aid restraint tracks and seat locks must be beveled, with no sharp edges and must protrude no more than ¼" above floor surface.</p>
<p>2.2 mm thick commercial grade vinyl transit floor covering must cover the entire floor surface. Flooring must also possess anti-skid properties (Altro Transflor Meta series or equivalent). No carpeting allowed. Indicate the type of flooring included with RFP response</p>
<p>Each vehicle must be equipped with two (2) Q-Strait "QRT" series forward facing mobility aid securement and occupant restraint system. The system must utilize flanged "L" continuous track, capable of securing a variety of common mobility aid designs and accommodate a wide range of occupant sizes. All attachment hardware and anchorages must meet or exceed the 30 mph/20 Impact Test criteria per SAE J2249, 36 CFR Part 1192 and CFR Part 38, and all applicable Federal Motor Vehicle Safety Standards, as amended. Each securement position system must consist of four (4) auto-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 must have a corresponding occupant restraint system. The occupant restraint system must consist of an adjustable lap and shoulder belt and must meet all applicable Federal Motor Vehicle Safety Standards.</p>
<p>ADA decals including priority seating</p>
<p>The ramp/lift door must be interlocked with the vehicle transmission to ensure the vehicle cannot be shifted out of park while the right side slide door is ajar. Interlock system must comply with Americans with Disabilities Act (ADA) requirements, as set forth in ADA 49CFR 38.23(b), and protected from the weather.</p>
<p>The vehicle must be equipped with either a manually operated, 90-degree swing-away mobility access ramp which stows vertically or folds and unfolds through the right side door or lift door. The installed ramp must not obstruct the view of the driver through any vehicle window. The ramp must have a minimum usable width of 30" and a slope meeting the requirements of ADA, 49 CFR. The ramp surface must be continuous and made skid resistant through powder coating. It must have no protrusions from the surface greater than ¼" and must accommodate both four-wheel and three-wheel mobility aids. The ramp must have a rated capacity of 800 lbs, with a safety factor of at least three (3) based on the ultimate strength of the material. Each side of the ramp must have protective barriers at least two (2) inches high to prevent mobility aids from rolling off of the ramp edge. Lift Door - Vertically hinged, horizontal swing, double doors - with windows, must be installed for the installation of a wheelchair lift device meeting ADA standards. The location of this door must be on the right side of the vehicle. The height of the lift door must be in compliance with CFR 49 Part 38.25 (ADA) and can accommodate 34" lift platform. The doors must be equipped with gas struts to prevent unintentional closure while operating W/C lift.</p>
<p>(2) OEM seat belt extenders</p>
<p>(1) Seat belt extender and belt extender to match securement system for wheelchair occupant</p>

Rear passenger bench seat to have folding footrests
Driver and passenger running boards – may be integrated or add-on, but must not be lower than 7” from ground height
5# Fire Ext., 10 Unit F.A.K., Triangle Flare Kit, Body Fluid Clean-up Kit– mounted in rear of minivan in storage area
Seat Belt Cutter, Mounted to driver dash in reach of driver while seated
Pre-Wire for 2 way Radio – wires to terminate to right of doghouse
Usable driver’s cupholder in doghouse
LED passenger door lights for ramp/lift and passenger access – activated when door opens
The minivan must come equipped with a 3 camera surveillance system with a minimum 1tb hard drive. One camera facing out the front, one camera facing front to back and one camera out the back. One spare hard drive and a hard driver reader must also be supplied. Indicate which manufacturer of surveillance equipment must be supplied in the base unit.
One set of chassis manuals including service and electrical manuals to be delivered with the minivan at time of delivery

2.3. SERVICE, WARRANTIES AND DELIVERY

Maintenance and Inspection Schedule - a single comprehensive maintenance and inspection schedule for each vehicle must be supplied when delivering the vehicle to the Authorized Purchaser. Maintenance and Inspection schedules must include, but are not limited to, the required maintenance and inspection of body, chassis, tires, wheelchair ramp/lift and other equipment and sub-systems, as prescribed by the respective manufacturers.
Quality - body converter must meet chassis manufacturer's quality assurance program, if available. Certification from chassis manufacturer must be submitted with RFQ process for each chassis.
Tires shall be covered by O.E.M warranty.
Wheelchair ramp/lift system must be covered by O.E.M warranty.
Body structure materials and workmanship must be covered by O.E.M. warranty.
Installation, labor and workmanship (including electrical) performed by the body converter, final stage manufacturer or vendor (if vendor installs components or otherwise completes vehicle) shall be covered by O.E.M. warranty.
All other components and accessory equipment shall be covered by a warranty of at least one (1) year/12,000 miles, unless covered by an applicable manufacturer's warranty exceeding this. Contractor shall assist as needed in coordinating repairs within the warranty period for each component and applicable warranty.
Contractor shall provide a report of all warranties and excluded warranties associated with each vehicle.
During established warranty periods, the contract vendor and respective manufacturer shall furnish all warranty parts at no cost to the transit system.
The contract vendor shall provide the recipient, or a designated representative of the recipient, the opportunity to inspect the vehicle for compliance with these specifications and applicable motor vehicle regulations. The inspection(s) must be completed prior to the delivery and acceptance of the vehicle.
Prior to releasing the vehicle to the recipient, the contract vendor shall provide hands on instructions, by a qualified and experienced employee, in the proper and safe operation of all mechanical, electrical and

hydraulic components in the vehicle. Towing procedures must be included in the instruction. The recipient's driver/designee shall conduct an operational familiarization test drive with the contract vendor's employee.

2.4. Optional Equipment

Attached to Contractor's RFP proposal was a comprehensive listing of optional equipment that is incorporated into the Price Agreement. Authorized Purchasers ordering under this Price Agreement shall be able to select optional equipment from this listing without incurring cost for additional engineering hours for any changes in optional equipment.