

2024
KANSAS COORDINATED TRANSIT DISTRICT COUNCIL
SPECIFICATIONS
FOR
Full Size Van
(12 Passenger)

The following specifications shall apply to the purchase of Small Transit Bus vehicles by the transit providers receiving State of Kansas and/or Federal Transit Administration (FTA) funds. Purchases of such vehicles will be funded at 80% participation with federal and/or state funds. This dual rear wheel vehicle will come standard to accommodate 12 ambulatory passengers including the driver. Optional configurations for up to three wheelchairs must be available and included in bid. The Kansas Coordinated Transit District Council (KCTDC) reserves the right to waive minor technicalities under these specifications.

All full-size vans purchased under this bid must meet the Buy America Requirements of more than more than 70 percent domestic content for FY2020 and beyond and final assembly in the United States. Any vehicles that are bid or delivered that do not meet these requirements will not be accepted. In the case that no vehicles bid meet the Buy America Requirements, KCTDC, through KDOT, will request a waiver based on non-availability from the Federal Transit Administration.

The Full-Size Van must comply with all Federal (to include the Americans with Disabilities Act of 1990) and applicable Kansas laws for passenger vehicles of this type.

Vehicles must be of the latest model year in standard production and, of which, parts are stocked, and warranty service is available at one or more points in Kansas or a border city (defined for this purpose as within 1 hour of the Kansas border). Lack of such parts and service may be cause for rejection of the bid. If the current year is not available, then the next future model year shall be supplied at the same price. Vehicle must be designed for passenger use and have all passenger safety equipment throughout the entirety of the vehicle. The base chassis shall not be cargo type.

Vehicles must comply with all applicable Federal Motor Vehicle Safety Standards (FMVSS) for this type of vehicle. **A written certification that the vehicle to be supplied through this proposal will be in compliance with FMVSS must accompany this bid, as well as any additional pre-award bid certifications.** Bidders must comply with all certifications regarding remanufacture or two-stage manufacture of vehicles under this bid. **Each vehicle delivered will also need to have an “as built” Buy America Certification provided with the vehicle at the time of delivery. This needs to include the domestic part content and the final assembly location.**

The bidder agrees, if their proposal is accepted by the KCTDC, to guarantee that the design, materials and workmanship throughout the vehicle will conform to the highest

standards of the vehicle bid according to the standard factory warranty, a copy of which must be furnished with the bid, and the bidder shall furnish a properly executed service and warranty policy with each vehicle delivered. See WARRANTY section for additional details and requirements. The bidder also agrees to provide upon request all information required by **FTA** to implement the various programs.

Please review each item and initial on the line next to each item indicating that product being supplied meets or exceeds the specification. If items do not meet the specification, please list any exceptions on the lines provided below each item.

ESTIMATED QUANTITY TO BE PURCHASED: 0-50.

Unless otherwise specified, all items listed below as OEM parts or equipment means that those items were made by the Chassis Manufacturer, not the conversion company.

A requirement of this bid is that the bidder must be licensed to do business in the State of Kansas. A copy of that license **MUST** be included with the bid.

GENERAL

_____ **ACCESSORIES:** To be equipped with self-canceling turn indicators, flasher lights which signal front (in parking lights) and rear (in dual tail lights), with odometer, speedometer, oil filter, power locks for all doors with the switch at the driver's position (if available), dual electric two speed intermittent windshield wipers, windshield washers, dual sun visors (driver side and passenger side-aftermarket visor is acceptable for passenger side), coolant temperature indicator, horn, three sets of keys for all locks, oil pressure indicator, volts indicator, and spare wheel and inflated tire . Vehicle shall be equipped with front and rear bumpers

Exceptions: _____

_____ **AIR BAGS:** Driver side and passenger side, Generation II. Dual full-length side curtain airbags shall be included.

Exceptions: _____

_____ **BRAKES:** 4-wheel disc anti-lock brakes with front vented discs.

Exceptions: _____

_____ **CRUISE CONTROL:** OEM, to be furnished as standard.

Exceptions: _____

_____ **DIMENSIONS:**

1. Exterior height: Minimum of 100 inches
2. Exterior length: Minimum of 263 inches.
3. Exterior width: Minimum of 81 inches.
4. Wheelbase: Minimum of 147 inches.

The bidding manufacturer or dealer shall supply, in writing, the overall length of the vehicle, measured from the outside edge of the front bumper to the outside edge of the rear bumper, to the Kansas 'CTD' Council along with its submitted courtesy bid.

Exceptions: _____

_____ **G.V.W.R.:** Minimum of 10,300 pounds or higher if required to support the loaded weight of the completed vehicle including any optional equipment selected. It is the bidding manufacturer's or dealer's responsibility to calculate the actual loaded weight and to provide a heavier tire, wheel, spring, and axle combination if required.

Exceptions: _____

_____ **TILT STEERING:** OEM, standard.

Exceptions: _____

_____ **WHEELBASE:** Minimum 147".

Exceptions: _____

CHASSIS

_____ **ALTERNATOR:** 220 OEM Amp. minimum (gas engine).

Exceptions: _____

_____ **BATTERY:** Dual maintenance free heavy-duty batteries of combined 1210 CCA minimum.

Exceptions: _____

_____ **CHASSIS:** Ford Transit Chassis (or equivalent) to meet payload requirements.

Exceptions: _____

_____ **DRIVESHAFT:** Must be properly supported, balanced and guaranteed not to vibrate. A metal driveshaft loop or loops must surround it to protect the vehicle in case of universal joint or other driveshaft failure.

Exceptions: _____

_____ **FRONT AND REAR (LIMITED SLIP) AXLES:** Both axles shall have a load rating equal to or exceeding the GVWR of the vehicle. Rear axle differential shall be limited slip (positraction) unit, standard.

Exceptions: _____

_____ **FRONT SUSPENSION:** Front end alignment will be required of the manufacturer after the bus is completed and prior to delivery to the customer. It must be fully adjustable for full range of possible necessary changes in camber, caster, and toe-in at time of front-end alignment. A report printed after the alignment has been completed shall be provided with the delivered vehicle.

Exceptions: _____

_____ **SHOCK ABSORBERS:** Shall be heavy-duty and load rated, capable of controlling the ride when the vehicle is empty, as well as when loaded to the GVWR.

Exceptions: _____

_____ **SPRINGS:** Heavy-duty with a ground load rating equal to or exceeding the GVWR of the vehicle.

Exceptions: _____

_____ **STEERING:** To be equipped with OEM power steering.

Exceptions: _____

_____ **TIRES:** Seven (7) BSW all-season radials to meet the GVWR of the vehicle. Spare tire to be mounted on rim and mounted on a tire carrier under the rear of the vehicle. The weight distribution of the vehicle with maximum load shall not load the tires beyond their rated capacity. Tires shall be the best tires available from the OEM and shall carry the full manufacturer's warranty or a minimum warranty of 40,000 miles.

Exceptions: _____

_____ **WHEELS:** To be a minimum 16", seven to be furnished including a spare-tire wheel. Spare tire to be mounted on a tire carrier under the rear of the vehicle.

Exceptions: _____

BODY

_____ **AIR CONDITIONING:** Cooling equipment shall conform to the following:

Exceptions: _____

1. OEM under hood compressor(s) – shall be standard equipment.
2. Dash Unit and rear air conditioning unit– OEM factory installed.
3. The unit must include adjustable vents and have ducting that provides air flow to the last row of passenger seats.
4. The air conditioning equipment shall be installed in a manner that will not affect the seating capacity of the vehicle. All controls will be located to allow convenient access from the operator's seat. All wiring, tubing and fittings shall be encased to provide protection from the weather and secured in critical areas to provide maximum protection against accidental damage. All tubing and fittings aft of the firewall shall be secured every foot.

_____ **BODY:** The body shall be a van type with two front doors (one right and one left). In addition to the front doors, there shall be a cargo-type passenger door with window(s), and rear single or double swing-out door(s) with window(s). There must be no exposed metal or plastic with sharp edges that could cause a passenger to cut themselves when boarding. All vehicle doors shall be capable of being opened from the inside of the vehicle. The body and the roof construction will meet or exceed FMVSS.

Exceptions: _____

_____ **BUMPERS:** Shall be provided with OEM bumpers at front and rear of the vehicle.

Exceptions: _____

_____ **COLOR:** Solid color to be specified at order. Paint shall be completed in a clean and professional manner with no blatant evidence of overspray or painting over decals or vehicle emblems. Color chart must be included with bid. The bid price for the base vehicle must include a variety of color choices, including white. A bid of white paint only is **NOT ACCEPTABLE.**

Exceptions: _____

_____ **DOORS:** All external doors, except for the driver's side entrance door, shall be capable of being locked from the outside of the vehicle with the use of remote key fob. Driver's door should have an outside OEM lock cylinder that can use a key to unlock in situations where fob does not work.

Exceptions: _____

_____ **EMERGENCY EQUIPMENT:** The vehicle shall be provided with the following:

_____ One (1) UL-approved, five (5) lb. 1A10B:C rated dry chemical fire extinguisher, with mounting bracket secured to metal (if not possible, please contact the purchasing agency to discuss the location in which to mount it)

_____ E-Vac-Aid (or equivalent) type of heavy-duty drag blanket with built-in handles to assist in the removal of mobility impaired passengers.

_____ First-aid kit- The required first-aid kit shall be an all in one First Aid-CPR-Clean Up kit equivalent to the Honeywell First Aid kit 35-TP195. This first aid kit shall be contained in a metal or plastic box designed to seal out dirt and moisture and shall have a carrying handle and mounting bracket.

_____ Webbing cutter and reflective fluorescent triangle set as specified by FMVSS 125.

_____ Blood-borne pathogen kit - The required blood-borne pathogen kit shall be an OSHA approved Blood-borne Pathogen Standard Safety kit.

Exceptions: _____

_____ **FLOOR:** All modifications to the OEM floor plan shall be of the highest quality of construction. These modifications to the vehicle floor and frame must provide reinforcement to ensure that the structural integrity of the OEM vehicle is not compromised. All modifications must be properly sealed to prevent the entrance of exhaust fumes, moisture and dust into the vehicle. The exhaust pipes must have the necessary heat shields and the floor must have the proper insulation to prevent the exhaust from making the floor so hot that it is uncomfortable for the passengers. Rust inhibitors other than undercoating shall be applied to all conversion materials that are not stainless steel.

_____ **FLOOR SYSTEM:** The vehicle shall be provided with the following: The Floor System shall be designed and installed to allow for multiple seating arrangements utilizing a series of longitudinal and parallel floor mounted tracks. The tracks shall be mounted flush into the floor system. Vehicle modifier shall provide documentation of "in-vehicle" testing done on the Floor system that complies with all FMVSS regulations pertaining to Seat installation and Wheelchair securement devices.

Flush Mounted Track –Wheelchair Vehicles

A minimum of (8) eight sections of flush mount L-track panels shall be installed into the vehicle Floor System and shall be properly fastened to meet all FMVSS regulations.

Seat Legs - Removable

Seats legs shall be provided to allow the seats to mount into track and be removed without the use of tools. Seats shall have the ability to be moved throughout the cabin or moved back to provide the passenger with increased leg room. Seat legs and Seat shall be “in-vehicle” tested to meet all pertaining FMVSS regulations.

Exceptions: _____

_____ **FLOOR COVERING:** Shall be a continuous piece of fire retardant, nonskid transit-type flooring. The floor covering shall be butt jointed and cemented to the floor with a waterproof adhesive in order to prevent bubbles and blisters which could create a safety hazard.

_____ **FRAME:** Shall be constructed of a material of sufficient weight and strength to support the maximum GVWR specified by the manufacturer.

Exceptions: _____

_____ **HEATER/DEFROSTER:** Heating equipment shall conform to the following:

1. Dash Unit and rear heater– OEM standard factory heater/defroster to be furnished.
2. All usage controls will be located on the control panel.
3. Heater hoses shall be adequately supported to guard against excessive wear due to vibration. The hoses shall not dangle or rub against the chassis or sharp edges and shall not interfere with or restrict the operation of any engine function. Defrosting equipment, OEM or equivalent, shall keep the windshield and the window to the left of the operator clear of fog, frost and snow. Defroster ducts, if used, shall be designed to prevent the placing of objects which might obstruct the flow of air. Portable heaters may not be used.

Exceptions: _____

_____ **INSTRUMENTS:** The following instruments shall be located in the dash, in clear view of the driver: amp. indicator, coolant temperature, oil pressure & fuel. The instrument panel shall be properly illuminated for nighttime viewing.

Exceptions: _____

_____ **INTERIOR:** Shall have full trim including full length one-piece or sectional headliner, side and rear lower panels and window molding. All interior panels shall be flame retardant, nontoxic, and meet FMVSS 302.

Exceptions: _____

_____ **LIGHTS:** Shall be as follows:

1. All none OEM lighting shall be LED.
2. Adequate lighting shall be located inside the vehicle to provide for passenger and driver convenience and safety. All lighting controls shall be located within easy reach of the driver's seat. Exterior lighting shall conform to federal and state statutes covering vehicle lighting.

Exceptions: _____

_____ **MIRRORS:** Shall be as follows:

1. **EXTERIOR** - Right and left outside rear-view dual flat and convex mirrors. These mirrors shall be a minimum of 12 inch and be heated/remote mirrors. Mirrors must be securely mounted on the vehicle with the appropriate hardware to prevent the mirrors from becoming loose. Price Bid must be for a set of 2 (right side and left side) mirrors.
2. **INTERIOR:** The interior rearview mirror shall be a day/night type, conforming to FMVSS No. 111, and affording a good view of the road to the rear as well as the passenger area. The interior rearview mirror shall be made of safety glass, have rounded corners and protective edges, and have a minimum of 22 square inches of clear vision on the reflective surface area. In addition, an interior convex mirror shall be located above the windshield and shall be large enough to provide the driver with a full view of the vehicle interior (passenger compartment).

Exceptions: _____

_____ **MUD FLAPS:** Front and rear, securely mounted.

Exceptions: _____

_____ **RADIO:** Electronic AM/FM stereo and clock radio, OEM installed or equivalent (must meet or exceed factory radio quality), mounted in dash, 4 speakers (2 front & 2 rear), within easy reach of the driver.

Exceptions: _____

_____ **ROOF:** Roof shall be of sufficient height to provide at least 70" headroom for the full width of the vehicle body. The roof shall meet or exceed static load tests for this type of vehicle. The vehicle must comply with FMVSS requirements. All roof seams need to be properly sealed to prevent leakage.

Exceptions: _____

_____ **RUNNING BOARDS:** Metal running boards will be provided on both sides of the vehicle to provide a lower step for passenger and driver entry and shall have a non-slip tread. Running board will be reinforced under the side passenger door area.

Exceptions: _____

_____ **SEATING:** The driver's seat shall be a cloth deluxe bucket, OEM power seat. The upholstery covering color of the driver's seat shall be complementary to the vehicle's interior color and the other passenger seats, if available (i.e. blue seat with blue interior and blue passenger seats). The seat shall include shoulder and lap restraining belt with retractor and the longest extra length seat belt extender that has been safety tested for this application. Seats must have been tested to meet FMVSS 210. Seats must be compatible with the Aluminum floor system and capable of being move throughout the cabin of the vehicle without the use of tools. Front passenger seat shall be OEM cloth bucket seat with color to match driver's seat. Passenger seats shall be covered with performance fabrics that have a water repellent surface. Color options need to be available for agencies to choose from.

An armrest must be provided at the aisle end of each passenger seat. All seats must have a minimum 15" rump room. All material used in the upholstery of the seats shall meet FMVSS302. All passenger seats must be the same color as the driver's seat. **A detailed diagram of the proposed seating plan to be used in the bid MUST be included with bid package.** The proposed seating plan is to be considered standard equipment and its cost must be included in the base bid.

If the Optional Wheelchair lift and lift door, and retractable securement systems are ordered, the original passenger seats to obtain maximum capacity are to still to be included with the vehicle to allow the purchaser flexibility.

Exceptions: _____

_____ **WINDOWS:** Factory tinted safety glass all around. All windows will comply with the FMVSS. Rear windows shall be factory, dark-tinted 'Privacy Glass', if available. If factory 'Privacy Glass' is not available, the tint on the rear windows shall be as follows: total light transmission of all rear passenger compartment windows, including the rear window, shall not be less than 35% when a sun screening device is used in conjunction with safety glazing materials or other existing screening devices. (This means that a minimum of 35% of the light shall be transmitted through to the passenger compartment of the vehicle, with a maximum of 65% of the light being reflected back to the exterior of the vehicle.)

Exceptions: _____

_____ **WINDSHIELD:** Laminated, tinted and in conformity with Federal safety requirements. The windshield will permit a driver's field of view as referenced in SAE recommended

practice J1050. The driver's side window shall open sufficiently to permit the seated driver to easily adjust the left outside rear-view mirror.

Exceptions: _____

POWER GROUP

_____ **BACK-UP WARNING DEVICE:** The vehicle shall be equipped with an audible warning device in compliance with SAEJ994b (with respect to acoustical performance for Type B device) that is activated when the vehicle transmission is engaged in reverse and continues as the vehicle is being backed up. This should be located behind the rear axle of the vehicle and all wires must be enclosed and secured.

Exceptions: _____

_____ **ENGINE:** Shall be minimum of 3.5-liter turbocharged V6 (gasoline), and will include an oil filter, air cleaner, and the heaviest duty cooling system capable of providing sufficient cooling capacity for the operation of all the air conditioning equipment contained in these specifications.

Exceptions: _____

_____ **ENGINE-BLOCK HEATER:** A 750-watt (minimum) OEM equipment engine heater shall be provided to assist cold weather starting. It shall be mounted in a manner that the wiring will not contact hot engine parts. The exterior plug must have a cover to prevent the entry of water. The plug-in must be accessible from outside the vehicle.

Exceptions: _____

_____ **EXHAUST SYSTEM:** The exhaust system shall be as follows:

1. A heavy duty, corrosion resistant exhaust system which meets or exceeds FMVSS and EPA noise level and exhaust emissions (smoke and noxious gas) requirements.
2. The tailpipe shall terminate behind the left rear wheel, exiting in the corner of the vehicle, and shall be directed away from the curb.
3. Exhaust shall be securely attached to the chassis frame. Where clamps are used, they must be side faced, not facing down.
4. The exhaust system shall be properly insulated from the fuel tank and any connections thereof. At any point 4" or less from the tank or connections, a shield shall be provided on the exhaust system.

Exceptions: _____

_____ **FAST IDLE:** A fast idle system shall be installed which will automatically increase the engine speed as needed up to approximately 1200 RPMs. This fast speed idle shall engage when the vehicle is in 'Park'.

Exceptions: _____

_____ **FUEL TANK:** 25 gallon (minimum) installed fuel tank, which meets EPA and CARB standards.

Exceptions: _____

_____ **CAMERA SYSTEM:** An OEM camera system shall be included that has an audible warning signal that alerts the operator to the presence of an obstacle in the monitored zone. The audible signal is designed to intuitively represent the location of an object in the monitored zones. Vendor shall submit description, warranty information and literature information of the product with the bid.

Exceptions: _____

_____ **TRANSMISSION:** The transmission shall be a heavy-duty automatic including overdrive, compatible with the engine specified.

Exceptions: _____

DOCUMENTATION

_____ **BUILD SPECIFICATION:** A requirement of the bid is that a copy of the Technical Build Specifications be submitted for each vehicle type you bid. This must be included in your bid package submittal.

_____ **DELIVERY: FIRST VEHICLE** - The vehicle shall be delivered F.O.B. to the destination designated by the Kansas Department of Transportation (KDOT) at the time the orders are placed, and must be fully equipped in accordance with the specifications and proposal. The delivery shall be made between the hours of 9:00 a.m. to 12:00 noon or 1:00 p.m. to 4:00 p.m., Monday through Friday, except for holidays. The first unit of every type requires that **prior notice of intent to deliver the vehicle must be given, at least 10 business days in advance, to the proper State employee (Taylor Zortman) at taylor.l.zortman@ks.gov, and the purchasing organization during normal business hours.** The First Vehicle **MUST** be ready for inspection no later than February 15, 2024. Failure to follow prescribed delivery procedures may result in at least a 2-week delay in payment from KDOT. The intent is to have the first vehicle delivered to one of our maintenance facilities and have the KCTDC do the inspection.

SUBSEQUENT VEHICLES – All remaining ordered vehicles shall be delivered F.O.B. the destination shown on the purchase order, fully equipped in accordance with the specifications and proposal. All deliveries shall be made between the hours of 9:00 a.m. to 12:00 noon or 1:00 p.m. to 4:00 p.m., Monday through Friday, except for holidays. **These vehicles require that prior notice of intent to deliver vehicles must be given, at least 5 days in advance, to the proper State employee (Taylor Zortman) at taylor.l.zortman@ks.gov, and the purchasing organization during normal business hours.** Failure to follow prescribed delivery procedures may result in at least a 2-week delay in payment from the Kansas Department of Transportation. **The following applies to ALL delivered vehicles:**

Certificates of Origin and invoices must be sent to the organization named on the purchase order before delivery is made or must be delivered with the vehicle; receipt of these after delivery is not acceptable. Certificate of Origin must show “Secretary of Transportation of the State of Kansas, Public Trans. Office, 700 SW Harrison, Topeka KS 66603” as the lien holder on the vehicle. The vehicles are to be delivered having been properly serviced, including all lubricants (grease and oil) and fluids filled to the proper level. Properly serviced shall mean the doors shall have been checked and properly adjusted, fittings are all accounted for, and all other mechanical adjustments made, so that the vehicle is in the condition in which the transit bus would be offered to any section of the trade.

Factory pre-delivery service, or any other delivery service, is acceptable only when equivalent to that offered by the dealer to his regular retail customers. After the vehicle has been serviced, the dealer may make delivery by driving or truck transport delivery (see below). Delivery by any method other than detailed below is not acceptable.

Vehicles may be driven up to 1,500 miles (not to exceed 1,500.0 miles on the new vehicle’s odometer) from the factory or dealership to the final delivery point at the purchasing agency’s location, provided that the original factory warranty and any other applicable new vehicle warranties begin at the actual vehicle mileage at the time of final delivery at the purchasing agency’s location.

Any deliveries exceeding 1,500.0 miles must be transported to the final delivery point at the purchasing agency’s location by truck (not driven). Deliveries over 1,500.0 miles by any other method are not acceptable. When making truck transport delivery the dealer or his authorized representative (which may be the truck transport delivery driver) must be present and able to sign receipts, supervise unloading, and deliver the vehicle (complete with warranty) to the address shown on the purchase order.

The truck transport delivery driver or other authorized representative present at the time of delivery must be able to educate the purchasing agency on the vehicle’s features and must be able to demonstrate the vehicle’s subsystems and equipment.

At time of delivery the gasoline tank must be at least one-fourth (1/4) full as indicated on the fuel gauge. If dual gasoline tanks are used, the vehicle must have at least one-fourth (1/4) tank in each tank or one-half (1/2) in one of the two tanks. All vehicles shall be delivered with adequate radiator protection to at least -20F degrees below zero.

Schedule requirement for deliveries:

ALL vehicles ordered by 06/30/23 MUST be delivered prior to 9/30/24.

MISCELLANEOUS TECHNICAL SPECIFICATIONS:

1. There shall be no sharp corners on the unit. All corners shall be slightly rounded and filed smooth.
2. All welds shall have 100% penetration. All welds shall be free of slag inclusions and undercut. Filled weld sizes shall be equal to the thickness of the least of the joined plates.
3. All material installed shall be new and free of rust.
4. No wires shall be visible on the exterior or interior of the vehicle. All under-carriage wiring shall be contained in adequate housing so as to prevent damage from the elements, especially mud, snow and salt.

Exceptions: _____

WARRANTY: A Bumper-to-Bumper Warranty shall apply to all vehicles and shall last for three years or 36,000 miles after delivery, whichever occurs first. Vehicles delivered by driving them (not to exceed 1,500.0 miles—see DELIVERY section) will have the warranty begin at the actual vehicle mileage at the time of final delivery at the purchasing agency's location. A properly executed warranty MUST be delivered with each vehicle. This bumper to bumper warranty is to cover all parts/components of the vehicle for three years or 36,000 miles after delivery unless an item has a different specific warranty called out in that section of the specification. If a part/component is not covered by the OEM, then the vendor is responsible for all repairs and expenses associated with them. **POWER TRAIN SHALL HAVE a full five year/100,000 miles warranty.** Disclaimers of Warranty coverage such as claims of driver error, acts of god, debris, etc. will not be considered. The price of the vehicle bid should include this warranty and must be provided to the agency with the new vehicle(s). The vendor will be responsible for working with the agency to fill out ALL of the vehicle and sub-component warranty information and the vendor will be responsible for registering all of the products and provide proof of registration of each item to the agency. This includes all items on the vehicle (tires, AC, Reverse Sensing System, etc.). This warranty does not include schedule maintenance items listed in the OEM owner's manual.

Exceptions: _____

On-Site Repair Calls: After the final acceptance of the delivered vehicle (which includes the thorough inspection and verification of equipment ordered and condition of the vehicle), and during the 3 year/36,000 miles after delivery bumper-to-bumper warranty period, the purchasing agency is allowed a maximum of two “on-site repair calls” as follows: if warranty work is required that cannot be repaired through normal efforts by a local dealer at the purchasing agency’s location, the purchasing agency will call the vendor, and the vendor must either:

- 1) send a service agent to the purchasing agency’s location to repair the vehicle on-site, or
- 2) pick up the vehicle on-site and take it to the vendor’s location, factory, or other authorized repair location to be repaired and then return it to the purchasing agency’s location.

The warranty work performed under these “on-site repair calls” shall be at no cost to the purchasing agency and must be conducted so as to minimize the vehicle’s out-of-transit service time.

All service called for in the warranty shall apply without exception. An owner’s care book shall also be included with each vehicle. A copy of a detailed maintenance and inspection schedule supplied by the respective manufacturers of the vehicle and its subsystems (e.g. wheelchair lift, etc.) shall be included with each vehicle.

Vendor is responsible for coordinating all warranty work of **ALL** equipment on the vehicle during the warranty period. All repairs need to minimize the number of days the unit is out of service.

Costs of **warranty service trips** for vehicles in the first 18,000 miles of the warranty period is at the expense of the vendor. This includes fuel and salary of agency’s driver. Service is to be completed in a timely manner so as to not inconvenience the agency and their clients. This does not include OEM warranty work performed at a local OEM dealership.

Exceptions: _____

_____ A 60-day Temporary Tag must be delivered with each vehicle.

Exceptions: _____

_____ **SUPPORT BID DOCUMENTATION:** The following materials **MUST** accompany each bid. The omission of any of these materials may result in rejection of the bid.

1. Seating plan - Delineating maximum seating arrangements (to scale and labeled)
2. Signed copies of all applicable pre-award certifications.

3. Listing of all exceptions (and reasons of exceptions) to bid specifications.

_____ **ADDITIONAL SUPPORT BID DOCUMENTATION:** The following materials **MUST** be submitted prior to bid award. The omission of any of these materials may result in rejection of the bid.

1. Warranty for vehicle and its subsystems. Registrations of ALL warranties to be completed by vendor and supplied to purchasing agency within 30 days of vehicle delivery.
2. Copy of license to do business in the State of Kansas.
3. Color chart.

_____ **SUPPORT DELIVERY DOCUMENTATION:** The following materials **MUST** accompany each delivered vehicle. The omission of any of these materials may result in the vehicle not being accepted.

1. Warranty for vehicle and its subsystems.
2. Owner's Manual.
3. A copy of a detailed maintenance and inspection schedule for the vehicle and subsystems.
4. List of warranty stations available.
5. A label placed on the inside of the glove compartment or driver storage area of the vehicle giving a telephone number for the owner to call when they have any questions regarding the vehicle (ideally, the number should be toll-free).
6. Details on the as-supplied specifications for the alternator, rear heater unit, rear air conditioning unit, and both batteries (listed individually). Make sure to include the make, model and BTUs for the rear heater and AC unit. If heater and AC are OEM and this information is not available, please indicate as an exception.
7. "As built" electrical manual.
8. "As built" parts manual.
9. 60-day Temporary Tag.
10. Alignment Report.

**SPECIFICATIONS
FOR
OPTIONAL ITEMS
ON THE
FULL SIZE VAN
(12 Passenger)**

OPTIONAL ITEMS:

_____ **1. EXTRA LENGTH SEAT BELTS:** Inboard positions to be equipped with seat belts of a length to fit around large adults. Shall include extender-type (adapters) belts so as to lengthen the standard type lap belts. Price bid must be for each seating position.

Exceptions: _____

_____ **2. LABELING:** Vehicles to be labeled on both sides with minimum 5" high contrasting upper-case vinyl letters, GENERAL PUBLIC TRANSPORTATION and include a 4" high contrasting ten-digit telephone number with two dashes (example: 785-296-0963). Labeling shall be centered on vehicle sides below the windows if possible. Price bid should be for labeling on both sides of the vehicle.

Exceptions: _____

_____ **3. WHEELCHAIR LIFT:** The lift shall have a platform, which can be raised and lowered, to a fully cantilevered position, and platform is to be of **sufficient strength** to support a 1000-pound load. The lift shall be mounted on the vehicles in such a manner that cutting of structural members is not required, and also the lift shall be constructed so as to clear the side of the vehicle without extensive, if any, structural body modifications. The lift platform shall have a provision for mechanically (interior & exterior roll stop barriers) holding the wheelchairs in place as they are raised or lowered. The lift must meet all ADA requirements as delineated in the Federal Register, Part IV, Department of Transportation, 49 CFR Parts 27, 37, and 38, Transportation for Individuals with Disabilities; Final Rule, Friday, September 6, 1991, and the FMVSS regulations as delineated in the Federal Register, Part IV, Department of Transportation, 49 CFR Part 571, Federal Motor Safety Standards; Platform Lifts Systems for Accessible Motor Vehicles, Platform Lift Installation on Motor Vehicles; Final Rule, Friday, December 27, 2002. Platform shall have a usable minimum width of 34 inches and a minimum depth of 48 inches. **WARNING:** Failure of the lift to meet the ADA and FMVSS requirements will be cause for the vehicle to be rejected. Power unit shall be 12-volt electro-hydraulic operated. Power unit shall be capable of operation in temperatures to -20F degrees and shall be readily accessible for maintenance. The lift shall be equipped with a hand pump for powering lift up and down in the event of power failure. Throughout the range of

lift operation, all edges of the platform surface and the visible edge of the vehicle floor or bridging device must be outlined in a minimum of 1-inch wide outlines that contrast greatly with the background color (e.g., bright yellow outlines on a black platform surface). There must also be a starter interrupt installed that prevents the engine from starting if the right-side passenger door is open.

Installation of the wheelchair assembly shall not cause excessive unbalanced loading of the vehicle. The installed lift shall be free from rattles and other objectionable noises in the stowed position when the vehicle is operated over rough roads. The design and installation shall minimize metal-to-metal contact points. If necessary the bidder shall supply additional restraints or padding to ensure the quiet riding of the lift in the stowed position. The installation of the lift mounting system shall be done in a manner that does not require notching, cutting, or welding the existing OEM frame or cross members. The mounting system shall be fastened to the vehicle floor structure using self-locking fasteners and should be zinc coated to resist corrosion. System should be installed in a manner that it can be easily serviced. The mounting system should allow the lift to be slid to the side to allow ambulatory passengers to enter the vehicle through this door. The mounting system is to include a photo electric eye to prevent lateral movement if an obstruction is detected in the walk through area. All sliding mechanisms shall be constructed of materials to best resist corrosion and friction and require minimal maintenance. The mounting system must comply with all applicable FMVSS requirements.

The 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.

If Bidding both options – please submit a Form of bid price sheet for each option.

Option 1: ELECTRIC RIGHT-SIDE SLIDING PASSENGER ENTRY DOOR: An electro-hydraulic or electro-mechanical powered wheelchair lift shall be mounted on the curbside of the vehicle and be accessible via access doors.

Wheelchair lift door shall be the standard OEM electric sliding side door and must be a “dual access” entry for ambulatory and non-ambulatory passengers to enter and exit the vehicle and must provide a minimum of 30” wide entry for ambulatory passengers when the mounting system is retracted. If the electric sliding door is not available from the OEM, then an aftermarket kit may be installed. Lift shall be mounted on the curbside of the vehicle.

Option 2: REAR LIFT DOOR: An electro-hydraulic or electro-mechanical powered wheelchair lift shall be mounted on the curbside of the vehicle and be accessible via access doors. Wheelchair lift door shall be a double out-door

design, capable of being locked from the outside. The door handle shall be heavy duty and mounted with a stop to prevent the locking mechanism from over rotating. Lift shall be mounted on the curbside of the vehicle, behind the rear wheel. Pneumatic cylinders for opening and closing the doors shall be installed. These cylinders shall be capable of holding the doors in the fully open position when the lift is in use. The door latch shall control the upper and lower slam type or 3-point latching system to ensure a positive latching and sealing around the door's periphery. The doorframe shall be constructed of aluminum, steel or stainless steel with sufficient weight and strength to support the wheelchair lift door and the wheelchair lift. The wheelchair lift doors shall have outside latches or "T" catches to keep the doors fully open in high winds.

The entrance door must be an electric two-piece school bus type split-leaf with curb vision windows and overlapping rubber seals with a manual override. Shall include an electric exterior key switch for entry door, such as a Kubota brand (or equivalent). The entrance door opening shall be a 26" clear opening measured between the handrails.

- Grab bars are to be installed on both sides of the ambulatory walk-through area. The location shall not interfere with the operation of the sliding passenger door.
- This must also include a standard fixed running board to use for boarding unless the Side Step and Cover optional item is selected.

Exceptions: _____

_____ **4. SIDE STEP and COVER: An optional step that is installed to assist passenger with boarding. A Cover for the step shall be installed to the right-side sliding door to shield the step from debris. This cover shall be installed in a manner to move with the door.**

Exceptions: _____

_____ **5. RETRACTABLE WHEELCHAIR SECUREMENT SYSTEM: A four-point, heavy duty tie-down system that is permanently in place and retracts the belts to be out of the way when not in use. Should be self-tensioning, fully automatic retractable tie-down system, with J-hook attachments, and an auto-release. This tie-down system must meet WC18 standards and is compatible with WC19 Wheelchairs such as the Q'Straint QRT 360 retractable system or the Sure-Lok Titan 800 retractable system (or equivalent). Track Sections must be recessed below the surface of the floor to minimize the tripping hazards. The edges shall be trimmed with metal edge trim to provide a neat, clean appearance, and shall run the full width of the vehicle and extend towards the front of the vehicle to the last row of passenger seats in front of the securement location. A flanged L-track may be used if it provides the same clean, neat appearance and has no sharp edges. **Belt/track equipment must meet FMVSS 208, 209, and 210.****

Securement device shall remain in the locked (latched & secured) position under all normal and crash conditions.

Each wheelchair location shall be equipped with retractable pelvic-high, lap-type safety belt and retractable shoulder belt to secure the passenger in wheelchair. The safety belts shall conform to FMVSS No. 210. **Each wheelchair location shall provide for forward facing of wheelchairs. Vendor will supply written or video instructions on the use of the restraint system or provide agency the website to this information.**

Wheelchair positions and moveable seats must be interchangeable with maximum ease and safety to both ambulatory and non-ambulatory riders.

One set of storage bags shall be provided per set of tie downs. The storage bags shall be mounted in a convenient location within the restraining area.

Price bid must be for each wheelchair position.

Exceptions: _____

- _____ **6. TRANSIT BIKE RACK:** A bike rack made of stainless steel shall be properly secured to the front of the vehicle without any drilling into the bumper. It should be a quick-release rack that can easily be removed. The rack shall be a 2-position model that can carry up to 250 pounds. This will allow transportation of 2 bikes. The rack shall not extend past the width of the vehicle's bumper on either side and should be capable of transporting bikes that have wheel diameters that range in size from a minimum of 16" to a maximum of 29". The rack shall not make contact with any part of a bicycle except for the wheels. The rack and installation must meet all FMVSS safety standards. The lifting weight to operate the rack must be less than 30 pounds to meets OSHA and NIOSH limits.

Exceptions: _____

- _____ **7. OXYGEN CYLINDER HOLDER:** Designed with tightening and release knob with visual lock indicator. Shall have two-anti-slip straps to contain cylinder. Shall be made of high-grade anodized aluminum and shall fit in track installed in vehicle. Shall be compact in size for ease of transportation and storage, such as the SURE-LOK GO2 (or equivalent). Shall be quick release for easy height adjustment to accommodate a single O2 cylinder from size M2 to E (Americas). Must meet all applicable safety standards and regulations.

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**Form of Bid
Full Size Van
(12 Passenger)**

<u>ESTIMATED QUANTITY</u>	<u>BASE VEHICLE</u>	<u>ESTIMATED PER UNIT COST</u>	<u>TOTAL COST</u>
_____	Full Size Van (gas engine)	\$_____/ea.	\$_____

Specify Overall Vehicle Length (outside of bumper to outside of bumper): _____

Specify Alternator Amps: _____

OPTIONAL ITEMS

_____ 1.	Extra Length Seat Belts	\$_____/ea. pos.	\$_____
_____ 2.	Labeling (General Public Transportation & telephone number)	\$_____/vehicle	\$_____
_____ 3.	Wheelchair Lift (34" x 48") & Option 1: Electric Right-Side Sliding Passenger Entry Door	\$_____/ea.	\$_____
	Option 2: Rear Lift Door	\$_____/ea.	\$_____
	(specify model of lift: _____)		
_____ 4.	Side Step & Cover	\$_____/ea. pos.	\$_____
_____ 5.	Retractable Wheelchair Securement System (per WC position)	\$_____/ea. pos.	\$_____
_____ 6.	Transit Bike Rack	\$_____/ea. pos.	\$_____
_____ 7.	Oxygen Cylinder Holder	\$_____/ea. pos.	\$_____
	TOTAL ESTIMATED COST		\$_____

NOTE: The vehicle(s) bid on this Contract Proposal must meet the attached specifications titled 'Full Size Van'.

Specify Make and Model of Vehicle Offered:

Specify Approximate Delivery Date:

BID EXCEPTIONS:

Please list any and all bid exceptions next to each item in the specification.

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