VEHICLE SPECIFICATION AMENDMENTS
FOR
KANSAS CTD COUNCIL
COURTESY BID
001-17

The following additions, corrections, changes, and notes to the vehicle specifications were made based on input at (or received before) the Pre-Bid Conference held on December 6, 2016. The Request for Quotation **#001-17** was mailed from the Kansas CTD Council on November 15, 2016. The courtesy bids are due back to the Kansas CTD Council by **mail** on **January 13, 2017 by 4:00 pm** or they may be **hand delivered** to the bid opening on **January 17, 2017**.

RAMP ACCESSIBLE MINIVAN (RMV-17)
FULL SIZE VAN (FSV-17)
SMALL TRANSIT COMPOSITE/FIBERGLASS BUS (C20-17)
SMALL TRANSIT METAL BUS (M20-17)

The following change applies to these 4 types of vehicles:

Schedule requirement for deliveries:
ALL vehicles ordered by 06/30/17 MUST be delivered prior to 12/31/17.
ALL vehicles ordered between 07/01/17 - 09/30/17 MUST be delivered by 03/31/18.
All vehicles ordered between 10/01/17 - 12/31/17 MUST be delivered by 06/30/18

RAMP ACCESSIBLE PASSENGER CONVERSION MINI-VAN (RMV-17)

The following changes apply to this type of vehicle:

- The specification for **ACCESSORIES** been replaced with the following:

_____ **ACCESSORIES**: All safety items and air pollution controls required by statute or regulation in effect at the time the vehicle is produced, OEM engine block heater, dual sunshades, horn, prismatic type day/night mirror, power point, parking brake with warning light, factory standard electronic AM/FM stereo radio with compact disc player (if available from OEM), and clock, undercoating, factory tinted glass in all windows, jack and tire tool, spare tire, and all other accessories or optional items which may be shown in the proposal shall be installed in each vehicle. Inclusion of **DVD** Player & Overhead Rail System is not required or recommended. Three sets of keys shall be provided with the vehicle. The vehicle shall be equipped with the following gauges or warning lights: voltmeter, oil pressure, temperature and fuel.

Exceptions: _____

- The specification for **WHEELS AND TIRES** been replaced with the following:

_____ **WHEELS AND TIRES:** Five tubeless steel-belted radial all season (of the same brand, type, & size), including full size spare, with OEM aluminum wheels (or bolt on wheel covers if steel wheels are standard). Full size spare must be mounted in the rear hatch area behind the rear seat or under the vehicle. Emergency Equipment may not be mounted behind this spare tire, unless the spare tire is on a swing out arm to allow easy access to the emergency equipment. Equipment must be secured in a different location that is easily accessible. Minimum of 5 inch clearance required if mounted under the vehicle. Tires shall be the best tires available from the OEM and shall carry the full manufacturer's warranty. OEM standard wheels to be compatible with vehicle GVWR.

Exceptions: _____

- The specification for **EMERGENCY EQUIPMENT** been replaced with the following:

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

_____ One (1) UL-approved, two and a half (2.5) lb. 1A10B:C rated dry chemical fire Extinguisher shall be firmly mounted to the driver's seat or the vehicle floor. It must be located so that a driver can release it from the driver's seat.

_____ 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: _____

- The specification for **WHEELCHAIR RAMP** been replaced with the following:

_____ **WHEELCHAIR RAMP:** Vehicle will be equipped with a manually deployed ramp. The ramp shall be designed to swing-away when in the upright position to allow access for non-wheelchair passengers. When in the upright position, the ramp must not interfere with full movement of the front passenger seat. The edge of the ramp closest to the front passenger seat shall be coated with a material to help prevent wear on the front passenger seat. The ramp must fold up completely below the window line for unobstructed visibility. The ramp surface shall be continuous, with the surface being either expanded or solid metal. If solid metal, it shall be covered with (Armstrong Crosswalk, or equivalent) slip-retardant flooring. The surfaces of the boarding edge of the ramp and door threshold shall have a bright yellow finish

running the full surface, in order to contrast with the finish on the rest of the ramp. **Vinyl tape is not acceptable.** Ramp must meet all ADA requirements as set out in the Federal Register, Part IV Department of Transportation, 49 CFR Parts 27, 37 and 38, Transportation for Individuals with Disabilities; Final Rule, published Friday, September 6, 1991.

Exceptions: _____

FULL SIZE VAN (FSV-17)

The following changes apply to this type of vehicle:

- The specification for **DIMENSIONS** been replaced with the following:

_____ **DIMENSIONS:**

1. Exterior height: Maximum of 100 inches without lift, 108 with lift purchased
2. Exterior length: Minimum of 235 inches.
3. Exterior width: Minimum of 81 inches.
4. Interior floor to ceiling height: Minimum of 60 inches.
5. Wheelbase: Minimum of 140 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: _____

The specification for the **SEATING** been replaced with the following:

_____ **SEATING:** The driver's seat shall be a deluxe bucket, OEM power seat with heavy-duty vinyl covering. The upholstery covering color of the driver's seat shall be complimentary 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. Passenger seats shall be covered with performance fabrics that have a water repellant 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.

Exceptions: _____

- The specification for the **OPTIONAL ITEM: WHEELCHAIR LIFT AND ELECTRIC RIGHT-SIDE SLIDING PASSENGER DOOR** been replaced with the following:

_____ **WHEELCHAIR LIFT AND 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. 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 an 800-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).

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 mouting 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.

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.

- 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.

- The specification for the **OPTIONAL ITEM: RETRACTABLE WHEELCHAIR SECUREMENT SYSTEM** been replaced with the following:

_____ **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.**

Wheelchair positions and optional fold-up 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: _____

SMALL TRANSIT METAL BUS (M20-17)

The following changes apply to this type of vehicle:

- The specification for the **ROOF** been replaced with the following:

_____ **ROOF:** Shall be constructed of metal or fiber-reinforced plastic (FRP), with sufficient roof bows and longitudinal stringers to support the roof and interior liner. Roof shall be of sufficient height to provide at least 74" 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 the FMVSS 220. All roof seams need to be properly sealed to prevent leakage.

Exceptions: _____

SMALL TRANSIT COMPOSITE/FIBERGLASS BUS (C20-17)
SMALL TRANSIT METAL BUS (M20-17)

The following changes applies to these 2 types of vehicles:

- **The first paragraph of the specification has been replaced with the following:**

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 with seating for 12 ambulatory and 2 wheelchair positions, but be capable of seating up to 20 ambulatory passengers, depending on the optional items and vehicle configuration selected. The Kansas Coordinated Transit District Council (KCTDC) reserves the right to waive minor technicalities under these specifications.

- The specification for the **ACCESSORIES** been replaced with the following:

_____ **ACCESSORIES:** To be equipped with self-canceling turn indicators, flasher lightswhich signal front (in parking lights) and rear (in dual tail lights), with odometer, speedometer, oil filter, , 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 (to be inside at the rear of the unit). Vehicle shall be equipped with front and rear bumpers, defroster, and all regularly furnished tools and equipment.

- The specification for the **WIRING SCHEMATICS** been replaced with the following:

_____ **WIRING SCHEMATICS:** Detailed schematic for vehicle as well as the bus body shall be provided to each agency at the time of delivery. The wiring shall be as follows:

1. All general purpose wires shall be vinyl insulated, and shall be of OEM quality and gauge or equivalent. All wiring shall meet SAE standards, and shall be color and function coded at least every eighteen (18) inches and permanently labeled to identify their function. Battery cables shall be 2/0 gauge with minimum of 0.075" wall plastic insulation. All wiring shall be of sufficient size to carry the required currents without excessive voltage drop. If possible, all wiring shall be run inside the body in a protected area. If necessary, a small amount (no more than 15%) may be run underneath the body in a protected location on the inside of the chassis frame. This wiring shall be enclosed in weatherproof covering and all exterior connections shall be weatherproof. All wiring shall be in a loom and securely clipped for maximum protection. Clips shall be rubber or plastic-coated to prevent them from cutting the wiring insulation. Any electrical connections exposed to the elements must be of a waterproof design. Convoluted (black plastic loom type) tubing may be used but must not be considered waterproof.

2. All fuses and relays (other than chassis OEM) shall be placed in a single circuit box which is easily accessible. The circuit box shall be conveniently mounted and have a secure cover. Inside the circuit box cover shall be a legend identifying each circuit and wire by color, number, function, and location. This legend shall be permanently mounted.

   Additional wiring shall be installed in the ceiling of the front of the bus for future installation purposes of a two way radio system. Circuits shall include a ground plane, and shall consist of one fused 20 amp positive lead and one negative lead. Positive circuit shall have power only when the OEM ignition key is in the ON or ACCESSORY position. Wiring shall be covered in a manner to protect the wiring.

Exceptions: _____

- The specification for the **BODY** been replaced with the following:

_____ **BODY:** The body shall be a steel cage manufactured out of a minimum of 16 gauge metal integrally mounted to the chassis and conform structurally to FMVSS. The outside layer of the body shell shall be of a metal construction (not fiberglass). All doors shall be fitted with tinted safety glass windows to provide maximum visibility to the driver. The initial entry step at the passenger door shall not exceed 11.5 inches in height from the ground. Less than 11.5" is preferable.

Exceptions: _____

- The specification for the **COLOR** been replaced with the following:

_____ **COLOR:** Solid white color with contrasting trim stripe/decals. Trim stripe/decal color to be specified at order. **A color chart of available colors must be provided prior to bid award.** Paint/decals shall be applied in a clean and professional manner with no blatant evidence of overspray or painting over of decals or vehicle emblems.

Exceptions: _____

- The specification for the **DOORS** been replaced with the following:

_____ **DOORS:** Shall be as follows:

1. All external doors, except for the front passenger entrance door, shall be capable of being locked from the outside of the vehicle. 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.

2. Wheelchair lift door shall be a double out-door design with windows. It shall be capable of being locked from the outside. 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 insure 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 open in high winds.

Emergency Exit Doors (Standard for all vehicles). The vehicle shall have a single emergency exit door in the rear with upper and lower tempered safety glass, which can be opened from either the inside or outside. The door shall be plainly marked "**Emergency Exit**" in contrasting letters at least 2" high on the inside. The door shall be marked "**Emergency Exit**" in at least 2" high letters on the door exterior. The door shall have a buzzer that will warn the driver if the door is ajar. There must also be a starter interrupt installed that prevents the engine from starting if the emergency exit door is locked. The inside-operating handle shall be clearly marked to indicate location and operation, and this handle must be padded for occupant protection. The handle shall “turn-up” to open to prevent someone from accidentally bumping the handle and the door opening. Vehicles must comply with FMVSS 217 concerning provision of emergency exits. Rear seat shall be modified to allow use of the emergency door by having a minimum of a 14" aisle between the rear seat to allow exit through the door(s). The emergency door height must be a minimum 47" from the top of the

floor. A cushioned door header pad shall be provided on the inside of the rear emergency door. This pad shall be vinyl covered and compliment the interior color scheme.

There shall be a grab handle installed on the rear of the vehicle outside the Emergency Exit Door. It shall be a minimum of 10 inches in length and a minimum of 1 inch in diameter. It shall be accessible for entry and exiting of the vehicle.

Arrangement of seats shall be designed to provide maximum seating capacity. The following dimensions shall be used:

14" minimum aisle
17" minimum rump room
29" minimum center to center seat row spacing

A black plastic armrest must be provided at the aisle end of each passenger seat. 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. Seating Plan for use with wheelchair lift and restraint systems will be treated as an optional item and any additional cost must be bid with the options. **Each wheelchair location shall provide for forward facing of wheelchair. All wheelchair locations will be in the rear of the vehicle.** See Padded Stanchions and Handrails for additional seat information. Rear seat shall be modified to allow for use of the emergency exit as detailed in DOORS, Emergency Exit Doors.

Exceptions: _____

- The specification for the **DRIVER'S SHIELD** been replaced with the following:

_____ **DRIVER'S SHIELD:** Standard. A clear plexiglass barrier shall be erected behind the driver and extend from the stanchion crossbar behind the driver up to the ceiling. This shield should start at the wall on the driver's left side (close enough to prevent a passenger from reaching through to the driver) and should extend 3 inches past the right side of the driver's seat., but shall not obstruct the view from the rear view mirror. This barrier shall consist of clear plexiglass and shall be least ¼ inch thick. A 1½ inch clearance between the stanchion and barrier should be provided to allow a hand hold on the right side. This shield shall be installed with the appropriate hardware to prevent the shield from becoming loose or cracking. A modesty panel shall be positioned from the stanchion crossbar behind the driver down towards the floor. Panel shall have 1 1/2" between the bottom of the panel and the floor to facilitate cleaning of the floor. Fastening of the panel shall be by bolts, rivets or screws. Screws must be mounted into steel; fastening into wood is not acceptable.

- The specification for the **PADDED STANCHIONS (YELLOW), HANDRAILS AND MODESTY PANEL** been replaced with the following:

_____ **PADDED STANCHIONS (YELLOW), HANDRAILS AND MODESTY PANEL:** All stanchions and handrails shall be of 1 1/4 inches (minimum) diameter metal tubing and covered with bright yellow colored (to assist the visually impaired), impact-absorbing material at least 3/8" thick. Handrails shall be installed at the locations listed below.

1. Handrails shall have a cross-sectional diameter between 1 1/4 inches and 1 1/2 inches or shall provide an equivalent grasping surface, and have eased edges with 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.

2. Handrails and stanchions shall be sufficient to permit safe boarding, onboard circulation, seating and standing assistance, and alighting by persons with disabilities.

3. Interior handrails and stanchions shall permit sufficient turning and maneuvering space for wheelchairs and other mobility aids to reach a securement location from the lift or ramp.

4. Handrails and stanchions shall be provided in the entrance to the vehicle running parallel to the steps 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. (Including handrails provided at the right and left of the entrance door, handrail mounted on the modesty panel, handrail at the top of the entrance steps on the right side and continuing throughout the boarding process). If a manual door is installed on the vehicle, then the handrail needs to be located in a manner to provide sufficient assistance to the passenger boarding. The location shall not interfere with the operation of the manual door.

5. Entrance handrails shall not be padded.

6. All stanchions and handrails extending from the vehicle walls to the stanchions must be covered with impact absorbing material at least 3/8" thick.

7. A stanchion from the floor to roof shall be installed on the interior left side of the front passenger door approximately 14 inches inside the vehicle. A horizontal handrail shall be installed between the stanchion and the right wall approximately 30 inches above the floor.

8. A stanchion shall be located in the rear of the driver's seat at the edge of the aisle and a handrail shall extend from the stanchion to the side wall of the vehicle behind the driver's seat. The stanchion shall not interfere with rearward travel of driver’s seat adjustment.

9. A handrail shall be provided along the top of all passenger seats located on the aisle, to assist passengers while walking down the aisle and for exiting the passenger seating. Accompanying seat(s) must have the handrail along the top of the seat.

10. A modesty panel shall be positioned at the rear edge of the step well. This will be made up of a vertical stanchion at the inner rear corner of the step well with a rail running from that stanchion to the wall at windowsill height, and the modesty panel installed therein. Panel shall have no less than 1 1/2" between the bottom of the panel and the floor to facilitate

cleaning of the floor. Fastening of the panel shall be by bolts, rivets or screws. Screws must be mounted into steel; fastening into wood is not acceptable.

11. All stanchions and handrails shall be securely attached to a structural support member where possible, other wise to the vehicle floor, ceiling, and/or wall. Attachment to the floor is to be with bolts, washers, and nuts treated or coated so as to be rustproof. The use of screws to anchor the stanchions to the floor is not acceptable. Additional stanchions and handrails may be added as deemed necessary for safety and mobility purposes. The location of stanchions and handrails shall be shown on the proposed seating plan.

Exceptions: _____

- The specification for the **ROOF HATCH** been replaced with the following:

_____ **ROOF HATCH:** The vehicle shall be equipped with one roof escape hatch. Hatch shall be a full pop-up, such as the Spheros SMART Hatch(or equivalent) with a height no more than one (1.7) inches above the bus roof. Roof hatch shall be installed by the vehicle manufacturing company using the product manufacturer's suggested installation procedures. The hatch shall have a minimum opening of 23" by 23" and shall meet all FMVSS 217 requirements.

Exceptions: _____

- The specification for the **SEATING** been replaced with the following:

_____ **SEATING:** The driver's seat shall be a deluxe bucket, OEM power seat with heavy-duty cloth covering. The upholstery covering color of the driver's seat shall be complimentary to the vehicle's interior color and the other passenger seats (if available). The seat shall include shoulder and lap restraining belt with retractor and the longest extra length seat belt extender (if available) that has been safety tested for this application. The driver's seat must be fully adjustable its entire travel distance and not be stopped by the stanchion at the rear of the driver's seat or the passenger area floor behind the driver's seat. Passenger seats shall be track seating that are mid back seats with external 3 point seat belt (shoulder and lap). Contoured seat and back cushion for comfort and support which includes standard top mount grab rail, such as the Freedman GOSEAT-ES, or equivalent. Seats must have been tested to meet FMVSS 210. Fold-up seats shall be mid back seats with lap belt. Passenger seats shall be covered with performance fabrics that have a water repellant surface, waterproof barrier backcoating, and that are antimicrobial, such as the CMI nano protected fabrics (or equivalent). Color options need to be available for agencies to choose from.

Arrangement of seats shall be designed to provide maximum seating capacity. The following dimensions shall be used:

14" minimum aisle
17" minimum rump room

29" minimum hip to back row spacing

A black plastic armrest must be provided at the aisle end of each passenger seat. 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. Seating Plan for use with wheelchair lift and restraint systems will be treated as an optional item and any additional cost must be bid with the options. **Each wheelchair location shall provide for forward facing of wheelchair. All wheelchair locations will be in the rear of the vehicle.** See **Padded Stanchions and Handrails** for additional seat information. Rear seat shall be modified to allow for use of the emergency exit as detailed in **DOORS**, Emergency Exit Doors.

Exceptions: _____

- The specification for the **STEPS** been replaced with the following:

_____ **STEPS:** The main passenger entrance step well shall be modified to have two or more interior steps below the floor level. Each step shall be a minimum of 30" wide and have a minimum tread depth of 9". Risers shall be equal with a maximum height of 9" (less if possible) and covered with Altro flooring (or equivalent). The steps shall be capable of supporting 500 lbs. of evenly distributed load in the center 10 sq. inches of each step. The steps shall be constructed of steel, adequately braced to prevent deflection and shall be an integral part of the basic vehicle structure. All step edges shall have a band of yellow vinyl, such as the Altro yellow safety vinyl (or equivalent), running the full width of the step or edge, which contrast, from the step tread and riser. Edging is to be heat welded to the main floor and step tread to provide for a long lasting seam. The exposed edges of the plywood and vinyl at all entrances shall be trimmed with metal-edge trim securely fastened. Step tread and riser are to be a one continuous piece construction eliminating the seam at the back of the step. Tread to be supported at the upward bend at the back of the step and up the riser by coving material. Piecing the material together will not be accepted. Flooring shall be installed using manufacturer's application and there shall be minimal lip or overhang, on the edge where the riser meets the tread that would create a "toe-catching" condition. The first step into the vehicle shall not be more than 11.5" (lower if possible) from the ground.

Exceptions: _____

- The specification for the **OPTIONAL ITEM: EXTRA LENGTH SEAT BELTS:** been replaced with the following:

_____ **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.

If you are providing the Freedman 3 pt seats, there is an 18 inch extra length seatbelt extender available that has been safety tested. The part number is 27084 and these can be ordered from Freedman at the time the seats are ordered. If you are providing a seat from another manufacturer, please contact them to find out the availability and the product information.

Exceptions: _____

- The specification for the **OPTIONAL ITEM: CHILD RESTRAINT SEAT:** been replaced with the following:

_____ **CHILD RESTRAINT SEAT:** C. E. White or Freedman Integrated Child Restraint Seat, 36" (or equivalent). Price bid will be for a double child restraint seat. A lap belt must still be provided in all positions where an integrated child restraint seat is placed. This will allow the use of the seat by another passenger (adult or larger child) when the child restraint is not being used. This belt must be an under the seat retractable type. A handrail will be provided along the top of each seat.

Exceptions: _____

- The specification for the **OPTIONAL ITEM: PASSENGER SEATS:** has been added with the following and all optional items have been renumbered per the attached 'Form of Bid' documents.

_____ **PASSENGER SEATS:** Passenger seats shall be track seating that are mid back seats with external 3 point seat belt (shoulder and lap). Contoured seat and back cushion for comfort and support which includes standard top mount grab rail, such as the Freedman GOSEAT-ES, or equivalent. Seats must have been tested to meet FMVSS 210. Passenger seats shall be covered with performance fabrics that have a water repellant surface, waterproof barrier backcoating, and that are antimicrobial, such as the CMI nano protected fabrics (or equivalent). Color options need to be available for agencies to choose from. A black plastic armrest must be provided at the aisle end of each passenger seat. All material used in the upholstery of the seats shall meet FMVSS302. These are additional seats and are to be the same seats provided in the base 12 passenger vehicle. Price bid is for a double (36") seat.

Exceptions: _____

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VEHICLE SPECIFICATION AMENDMENTS
FOR
KANSAS CTD COUNCIL
COURTESY BID
001-17

I have received and read the "Vehicle Specification Amendments" and understand that the changes, additions or corrections included supersede the vehicle specifications mailed on November 15, 2016. I also understand that if my company is awarded the courtesy bid on any of the vehicles, I am responsible for complying with the "Vehicle Specification Amendments" and all other specifications when I supply the vehicles ordered.

COMPANY NAME: _____

SIGNED BY: _____

DATE: _____

(This form along with the initialed “Vehicle Specification Amendments” must be submitted along with the other required forms as a part of your bid proposal.)