



TOPEKA METRO

Topeka Metropolitan Transit Authority
201 North Kansas Avenue
Topeka, KS 66603
(785) 730-8620

RFP TM-20-01
APPENDIX A
Technical Specifications
May 4, 2020

Technical Specifications – General Information

Topeka Metropolitan Transit Authority (Metro) is not going to use the common format for procuring buses. Most RFP's issued for the procurement of buses contain an exhaustive list of parts, with detailed specifications and requirements for each part. It is then up to the proposer to price the vehicle in accordance with the exact specifications. Metro is not using this procurement method.

This RFP is for standard floor and low-floor cutaway-style paratransit buses. This is a common type of bus, used by hundreds of transit properties. There are several manufacturers of cutaway buses, and Metro does not wish to limit competition by specifying the exact requirements of each individual bus part. Metro wants to receive as many proposals as possible.

In this appendix, we have listed only some of the bus parts and specifications. As you will see, the requirements are not overly specific – we merely want proposers to know what is needed in a general way. If a part is not listed, it is because we have no specific requirements for that part, other than it be of highest quality and perform as required. It is up to each proposer to complete the Technical Specifications at the end of this Appendix A. Measurements, where provided, are approximated to give proposers a general idea of the look, feel and type of bus that Metro prefers. All requested attachments should be labelled and attached to the end of this appendix in numerical order.

Metro believes that cutaway bus manufacturers are aware of the needs of the transit industry and construct their buses accordingly. Metro is looking for a cutaway bus that meets the requirements of the Federal Transit Administration (FTA). FTA requires that a cutaway bus be in service for at least four years or 100,000 miles, whichever comes first. All bus parts are to conform with this requirement.

Because of its maintenance department, Metro can typically keep cutaway buses in service well beyond 100,000 odometer miles. Accordingly, Metro's Director of Maintenance will be part of the Evaluation Committee for this procurement. As seen in the Evaluation Criteria on page 18 of the RFP, the quality of the vehicle is most important – price is secondary. Metro is looking for the best value in a cutaway bus.

Metro would like each proposer to arrange with our Director of Maintenance to bring a sample vehicle to our Maintenance Building for inspection. This is not a requirement – proposals will be considered from all sources – but it would be of assistance to Metro to inspect a sample of each proposer's product prior to proposal submission. Arrangements may be made with:

Alan Parrish, Director of Maintenance
maintenance@topekametro.org
785-730-8690

TECHNICAL SPECIFICATIONS

All bus components must be of high quality and conform with the FTA's 4-year/100,000-mile requirement. All measurements listed below are approximate – include a schematic with exact measurements of each proposed vehicle.

Bus Size:

Length – 314” --- Cab – 107” || Passenger Area – 207” || Wheelbase – 190”

Width – 96”

Height – 110”

Passenger Headroom – 72”

Entrance Door – 40” x 87”

Ramp / Lift Door – 48” x 72”

Attachment 1: Provide a schematic of each proposed bus with exact measurements.

Attachment 2: Provide photographs of a recently manufactured bus of this model; include a photograph of the bus with the lift/ramp deployed.

Bus Type: Low-Floor with Ramp and Standard Floor with Lift; please price both if applicable

Wheelchair Loading – curbside required; rear loading vehicles will not be considered

Lift Weight Limit – minimum of 1,000-pound capacity

Ramp Length – specify if extendable; grade must be ADA compliant

Passenger Windows: Square and privacy tinted; fill side panels; 46” x 34” each; bonded preferred

Seats for Ambulatory Passengers: 5-6; may be individual seats or bench-type seats; with seat belts; flip seats preferred

Wheelchair Securements: Three (3); at least two of the securements to have a 2-seat flip seat with seat belts

FTA Requirements: 4-year or 100,000 miles || ADA-compliant

Fuel: Unleaded gasoline

General Equipment: First aid kit, blood-borne pathogen kit, fire extinguisher, back-up alarm, back-up camera

Rear Emergency Door

Space for installation of a farebox

Tie backs for lift doors

Folding step for rear door

No steps in the passenger area