



COLORADO

Department of Transportation

Division of Transit & Rail
4201 E. Arkansas Ave., Rm. 227
Denver, CO 80222

DATE: November 9, 2018
TO: Transit & Rail Advisory Committee (TRAC)
FROM: Nate Vander Broek, Transit Planner
SUBJECT: Cutaway Bus Price Agreement Update

Purpose

The purpose of this memo is to provide an update on CDOT's Cutaway Bus Price Agreement.

Action

No formal action is requested.

Background

The Colorado Department of Transportation's (CDOT) Division of Transit and Rail issued a Request for Proposal, #RFP 18-184 NM, in March of 2018 to establish a five-year contract for the purchase of Cutaway/Body on Chassis Buses. Proposals were requested for four (4) groups of vehicles: Light Duty, Medium Duty, Low Floor and Alternative Fuel, delineated by classes which define the passenger capacity needed for each group.

There are six classes of seating capacity.

- Class A - 6-10 passengers; 2 W/C
- Class B - 10-14 passengers; 2 W/C
- Class C - 10-16 passengers; 2 W/C
- Class D - 14-18 passengers; 2 W/C
- Class E - 18-24 passengers; 2 W/C
- Class F - 24-30 passengers; 2 W/C

The four groups of vehicles were determined after surveying the needs of transit agency purchasers across the state. Group categories are defined by size of bus (wheelbase and length) as well as the type of chassis needed to support the bus type.

Light Duty: 138 inch to 190 inch wheelbase, depending on Class. Classes A-D are offered in the Light Duty category. Vehicles range from 21 to 27 feet in length. There is only a Ford chassis offered in this Group, with varying fuel capacities depending on size. The Ford chassis offered are the Transit, the E350, and the E450.

Medium Duty: 191 inch to 260 inch wheelbase, depending on Class. Classes E-F are offered in the Medium Duty category. Vehicles range from 27 to 35 feet in length. Chassis come in either a Ford F550 or Freightliner S2C, depending on size of the vehicle and number of passengers. The Freightliner chassis offers a more comfortable ride for longer trips, but is more expensive and comes standard with a diesel engine.

Low Floor: 150 inch to 240 inch wheelbase, depending on Class. Classes D-E are offered in the Low Floor category. Vehicles range from 26 to 31 feet in length. Chassis come in a variety of offerings from Ford, GM and Freightliner, depending on the size of the vehicle and number of passengers. Low Floor cutaways are distinct in that these vehicles kneel for passenger entry/egress and only offer a ramp for both ambulatory and ADA entrance/egress. Wheelchair lifts are not part of a low floor cutaway configuration.

Alternative Fuels: The Alternative Fuels category includes several offerings from the Light, Medium and Low Floor Groups, but with a different fuel system. Alternative Fuel choices are Compressed Natural Gas (CNG) or Liquefied Petroleum Gas (LPG), otherwise known as Propane. 158 inch to 260 inch wheelbase, depending on Class. Classes B-F are offered in the Alternative Fuels category. Vehicles range from 24 to 34 feet in length. There is only a Ford chassis offered in this Group, with varying fuel capacities depending on size. The Ford chassis offered are the E450 and the F550.

The predominant fuel type is gasoline. A Diesel fueled bus option is limited to the Light Duty Class A Ford Transit offering and the Medium Duty buses. The Alternative Fuels group was specifically identified to accommodate purchasers with CNG and LPG fueling needs.

Details

The Price Agreement offers a set "base" price for the vehicles listed. This base price includes a floorplan with a set number of fixed seats along with standard features for purchasing agencies to receive a complete bus without having to add any additional optional vehicle features or cost.

These standard features include:

- Engine Block Heater
- All Season Tires
- OEM Power Driver Seat
- Spare Wheel and Tire
- Front and Rear Mud Flaps
- Remote Power & Heated Exterior Mirrors
- 65K BTU Rear Heater
- 55K (min) BTU Rear Air Conditioner
- Manual Reset Circuit Breakers
- As Built Wiring Schematics
- T-Slider Passenger Windows
- Exterior Rain Gutters
- Roof Hatch
- Marine Grade Plywood Subfloor
- Non-Slip Floor Covering; Coved
- Rear Wall Emergency Window
- Freedman Featherweight Mid-Hi Passenger Seats
- Freedman Level 3 Upholstery Choices
- Freedman USR Seat Belt System
- Q'Straint QRT Max Wheelchair Securements
- Q'Straint L-Track Wheelchair Securement Track
- Chassis, Bus Body & Subcomponent Warranty Package
- Braun 1,000 lb. Wheelchair Lift
- 4 Camera Surveillance Camera System
- Fire Extinguisher
- First Aid & Bloodborne Pathogen Kits
- As Built Body Parks Manual

The Price Agreement also offers 100+ optional vehicle features and pricing to allow for complete customization of a vehicle to meet service needs. All floorplans provided with the base price can be customized to address any type of ambulatory and ADA seating needs.

Next Steps

Contract negotiations with the vendors has begun, and is expected to be completed in November.

During this fall's 2019 Consolidated Capital Call for Projects, FTA and CDOT grant recipients in Colorado are strongly encouraged to purchase off this master Price Agreement for cutaway bus purchases. The Price Agreement was developed in accordance with all applicable state and federal procurement requirements, to allow grant recipients to place orders without having to meet any other federal or federal procurement requirements.

Because the Price Agreement allows for customization and various total bus costs, CDOT has hired a Contract Administration Firm to assist applicants and purchasers with navigating the pricing options. The Contract Administrators also assist purchasers with all CDOT and FTA required paperwork, oversee the dealers and manufacturers to verify compliance with master Price Agreement provisions, and support CDOT staff in communicating about Price Agreement orders.

Attachment

Attachment 1 - Cutaway Award Details