



# **REQUEST FOR PROPOSALS**

## **HEAVY DUTY BUSES**

**DULUTH TRANSIT AUTHORITY**

### **Addendum #5**

February 5, 2021

1. Please note: **The Proposal due date HAS BEEN CHANGED to 2:00 P.M. ON THURSDAY, APRIL 8, 2021.** Please change all references to the Proposal due date accordingly.
2. Clarification: Section 4, ~~%Special Specifications+~~, paragraph A(3), Preproduction and Design Review meetings.  
Please **DELETE** the following: ~~%Cost of these meetings will be borne by the Contractor.+~~  
Please **INSERT** the following: ~~%The cost of remote or electronic meetings will be borne by the Contractor. If an in-person meeting is requested by the Agency, the Agency will bear the cost of the meeting which shall be agreed upon in advance.+~~
3. Clarification: Section 4, ~~%Special Specifications+~~, paragraph E(3)(i): DTA is allowing up to four weeks to delivery as-built drawings of the buses after delivery.  
Please **ADD** the following:  
~~%i) A complete set of as-built drawings, including electrical schematics that shows where added equipment was electrically attached to the factory electric power shall be delivered to the Agency within four weeks of the delivery date of the bus.+~~
4. Clarification: Section 4, ~~%Special Specifications+~~, paragraph (K)(11)(m): Regarding training for maintenance employees, the Contractor is not responsible for training the maintenance staff on how to drive the bus. DTA requests training on bus features for operating the bus.  
**Delete** the words ~~%Driving instruction+~~ and insert: ~~%Bus operation overview+~~  
~~%n. Bus operation overview for maintenance employees (this module is at the DTA's option).+~~
5. Clarification, Section 4, ~~%Special Specifications, Paragraph (K)(2)(d):~~ Manufacturer may provide sample manuals at the time of proposal submittal
6. Approved Equals. Please note that those items that are accepted as an approved equal are selected individually by the purchasing agency at the time of placing an order under the Contract.
  - a. ZF Ecolife Transmission is accepted as an approved equal.
  - b. The Air and Surface Purification System by New Flyer is the approved equal.
  - c. The New Flyer Driver Barrier, Part #6482699 is accepted as an approved equal.
  - d. USSC Gemini passenger seats are accepted as an approved equal.
  - e. USSC Driver Seat G2A is accepted as an approved equal.
  - f. Section 1. ~~%Height overall+~~ ENC request for maximum overall height to 140-inches, including roof mounted air conditioning, exhaust, fuel system, etc. is approved.
  - g. Section 1.24, Propulsion System: New Flyer's request to provide a 40-foot CNG bus that performs at 36 mph on a gradeability of 5% at SLW is approved.

- h. Section 1.24, Propulsion System: New Flyers request to provide a 40-foot diesel bus at 34-mph on a gradeability of 5% at GVWR is approved.
- i. Section 1.24, Propulsion System: New Flyers request to provide a 40-foot CNG bus at 31 mph on a gradeability of 5% at GVWR, and 17.5 mph on a gradeability of 8.5% at GVWR is approved.
- j. Section 1.35, Fire Suppression System: The Fogmaker Automatic Fire Suppression System is accepted as an Approved equal.
- k. Section 1, Overall Length: New Flyers request to provide a 35-foot bus with an overall length of 36.25 feet is approved.
- l. Section 1.04, Shell: Axalta Imron Elite polyurethane exterior paint is accepted as an approved equal.
- m. Section 1.04, Shell: 3M 680CR-10 reflective decals and 3M 180C-10 nonreflective decals are accepted as an approved equal.
- n. Section 1.10, Service Compartment and Access Doors: New Flyers request to provide a rear interior access door for the engine and transmission panel beneath the rear three center seats is approved.
- o. Section 1.10, Service Compartment and Access Doors: New Flyers request to provide a rear electronic equipment compartment access door located directly above the rear bench is approved.
- p. Section 1.10, Service Compartment and Access Doors: New Flyers request to provide a rear bulkhead access door centrally located on the rear panel above the bench seat is approved.
- q. Section 1.10, Service Compartment and Access Doors: New Flyers request to provide a rear panel access (SS and CS) behind the rear bench seat is approved.
- r. Section 1.10, Service Compartment and Access Doors: New Flyers request to provide rear access panels that are held open with captive hardware is approved.
- s. Section 1.10, Service Compartment and Access Doors: New Flyers request to provide an Engine and Transmission Access Panel that is hinged and held open by a support tube is approved.
- t. Section 1.10, Service Compartment and Access Doors: New Flyers request to provide horizontally hinged exterior major access doors is approved.
- u. Section 1.10, Service Compartment and Access Doors: New Flyers request to provide vertically hinged batter access door and exterior access panels is approved.
- v. Section 1.10, Service Compartment and Access Doors: New Flyers request to provide doors with top hinges that use gas struts on large doors, and over-center springs on smaller doors is approved.
- w. Section 1.13, Lighting Controls, Instruments: Marker lights at the front and rear sections of the vehicle with reflective decals at intermediate locations, and intermediate marker lights at the roof line are approved.

- x. Section 1.13, ~~%Lighting Controls, Instruments~~: Side directional lights fore of the rear wheelhouse on both curbside and street side of the bus is approved.
- y. Section 1.13, ~~%Lighting, Controls, Instruments~~: One recessed and lit location for the rear license plate is accepted provided there is room for mounting the second plate on the rear of the vehicle in a location that is visible from the behind the vehicle.
- z. Section 1.13, ~~Lighting, Controls, Instruments~~: New Flyers request to provide LED interior lighting with quick access removable panels held in place by filler strips that snap into the light panel extrusion (without locks) is approved.
- aa. Section 1.13, ~~Lighting, Controls, Instruments~~: New Flyers request to provide automatically activated diagnostic light test during engine start up in lieu of a test switch is approved.
- ab. Section 1.13, ~~%Lighting Controls, Instruments~~: New Flyers request to provide a Vansco Instrument LCD display for additional indicators is approved.
- ac. Section 1.14, ~~%Interior Trim~~: DTA acknowledges that seat vendors must comply with FMVSS 302 and Docket 90.
- ad. Section 1.14, ~~%Interior Trim~~: New Flyers request to cover the bulkhead panel with melamine material is approved.
- ae. Section 1.15, ~~%Passenger Seats~~: DTA acknowledges that Insight seating comes with composite resin handholds.
- af. Section 1.18, ~~%Windows~~: New Flyers request for a driver window with a fore and aft sliding sashes with an interior and exterior handle on the fore sash is approved.
- ag. Section 1.18, ~~%Insulation~~: DTA acknowledges that New Flyers insulation complies with Docket 90 requirements.
- ah. Section 1.24, ~~%Propulsion System~~: Tethered engine oil and radiator caps are approved.
- ai. Section 1.26, ~~%Power Plant Mounting and Accessories~~: A single electronic gauge for monitoring oil pressure and water temperature is approved.
- aj. Section 1.26, ~~%Engine~~: Please note that the location of the amber LED light on the exterior of the bus shall be approved by the purchasing agency. The light should only be on when the retarder is in use. The manufacturer shall run the wiring and provide the light and the mounting hole. DTA will install the light.
- ak. Section 1.28, ~~%Final Drive~~: MAN rear axle, model JY-1350-F with a ratio of 4.56:1 and GAWR of 28,660 lbs is an approved equal.
- al. Section 1.29, ~~%Suspension~~: A MAN steering axle, model VOK-07F is an approved equal.
- am. Section 135, Electrical Components, paragraph (6), please add the following: ~~%Bus build~~ must include a farebox interface to the Trapeze system via the J1708 cable.+
- an. Section 1.34 ~~%Electrical System~~: Please add: ~~%Current fuses~~ for high current circuits of 80 amps or higher are permitted.+
- ao. Section 1.4, ~~%Electrical System~~, paragraph 5, ~~%Wiring and Terminals~~: Please add the following: Wirings located inside a junction box that are secured to prevent chaffing does not require double insulation.+

7. Please note that further approved equals will be provided in a subsequent addendum, along with revised technical specifications and pricing sheets.
8. Please DELETE item (3) from Addendum 2, FTA Clause ~~C~~ Combating Race and Sex Stereotyping Executive Order 13950. This Executive Order has been rescinded and is not applicable to this procurement.
9. Please DELETE item (4) from Addendum 2, Certificate L, ~~E~~ Executive Order on Race and Sex Stereotyping+. This certificate is no longer required for this procurement.