

June 25, 2020**Addendum No. 02****File Reference Number: RFP 2020 022****Title: Purchase of Six (6) 13.7M (45') Intercity Highway Coaches****RE: Clarifications/Questions**

Please note the following clarifications associated with the above referenced RFP.

Question 1 - Page 1 – 1.0 Scope

Please provide clarification regarding the wheel chair lift.

- This technical specification covers the requirements for a 13.7 intercity highway coach (no wheel chair lift)
- The vehicle must meet the Accessibility for Ontarians with Disabilities Act, 2005

Approval is requested that the requirements to meet the Accessibility Act be removed in order that we can provide coaches without wheelchair lifts.

Answer - We concur to remove Accessibility Act requirements.

Question 2 - Page 2 – 4.2 Cooling system shall be Electric cooling fan system, EMP or Equivalent.

Approval is requested for equivalent Modine electric fan in lieu of EMP.

Answer - Noted, will be accepted.

Question 3 - Page 2 - 4.3 Air Conditioning System shall be roof type A/C unit

Exception requested to the Roof Top style air conditioning, all our coaches are built with the air conditioning compressor in the engine compartment and the evaporator in a central compartment as well as in the parcel rack area for better fit, form and function. Total cooling BTU's for this set up exceeds requested 110,000 BTU with a total cooling capacity of 173,000 BTU.

Answer - We agree to an exception.

Question 4 - Page 2 - 4.4 Bendix/Wabco AD-9 or approved equal

Approval requested in lieu of Bendix/Wabco AD-9, we will provide our standard Bendix AD-IS.

Answer - Bendix AD-IS will be accepted as equivalent

Question 5 - Page 2 - 4.5 Systems – Air Brake System

Approval requested to install Bendix ADB22X disc brakes in lieu of Knorr.

Answer - Bendix ADB22X will be accepted as equivalent.

Question 6 - Page 3 - 5.2 Electrical - Alternator

Alternate request to supply and install Dual Delco alternators in lieu of Bosch or Denso.

Answer – Will be rated, Vendor must provide sufficient technical data to quantify the application.

Question 7 - Page 3 - 5.6 Electrical – Inverter system

Approval requested for the battery equalizer from Surepower in lieu of Vanier.

We do not provide dual inverters, and request approval for a single inverter with dual channels which provides power to LH and RH side passenger seat plug outlets separately.

Answer – Will be accepted as equivalent.

Question 8 - Page 3 - 6.1 Coach construction shall be frameless monocoque chassis in stainless steel.

Approval requested for our standard monocoque chassis which is Semi-Monocoque. We provide mostly stainless steel upper and lower frame with the exception of the bogie areas where high strength steel is required. Fasteners are combination of stainless, zinc coated, or magni finish.

Answer - Exception is granted on the Semi – Monocoque Bogie areas only.

Question 9 - Page 3 - 6.2 Heated Step Well

We have a recently improved dedicated air flow to the step well providing functional equivalent to a heated step tread. Therefore, we request approval to eliminate the requirement for a heated step tread.

Answer - Will be accepted as equivalent.

Question 10 - Page 3 - 6.5 Dual windshield wiper motors shall be provided.

We wish to clarify that on our coach we will provide a single motor for the windshield wipers.

Answer - Single wiper motor will be accepted.

Question 11 - Page 4 - 6.10 Body- Flush Toilet

Approval requested for a chemical toilet in lieu of flush toilet.

Answer - Will be accepted as equivalent.

Question 12 - Page 4 - 7.2 Axles and Suspension

We wish to clarify that tag axles will be independent suspension type, w/passive steering. Retractable tag is not available as it places more weight on the drive axle than is allowed by CVMSS standards. Our tag unload system provides equivalent functionality while retaining adherence to CVMSS requirement.

Answer - Will be accepted.

Question 13 - 9.1 - Passenger Seat

We request clarity on the number of seats desired. Page 39 suggests a maximum seating of 51 while page 58 suggests a maximum seating of 55.

Answer - 51 seats is requested.

Question 14 - Page 4 - 9.3 Driver's Seat

Approval requested for Isringhausen driver's seat in lieu of USSC. Isringhausen is our standard driver's seat. Our driver's area has been optimized for the dimensions and functionality of the Isringhausen model.

Answer - USSC is requested, no approval for alternate Drivers seat.

Question 15 - Item 4.2 Cooling system shall be Electric cooling fan system, EMP or Equivalent. Cooling Fans shall be controlled electrically.

Can this be changed to a rated requirement. We are working with R&D and engineering and this feature will become available in 2021, but likely not before your required delivery.

Answer - Agreed, will change to rated

Question 16 - Item 4.3 Air Conditioning System shall be roof type A/C unit

A roof top unit is currently not available for 45 foot bus model. We offer as standard, a split unit air conditioning system that meets the performance requirements of the specification. Condenser is installed on the road side of the vehicle. Evaporators (x4) are installed inside of vehicle in the main parcel rack and the compressor in the engine compartment. Can you change the requirements for the A/C unit?

Answer - Will be accepted as equivalent.

Question 17 - Item 4.5 Coach shall be equipped with an air brake system for service and parking brakes. The system shall meet the requirements of (FMVSS) (CMVSS). A full dry air, dual circuit with auto slack adjuster /Knorr disc break at front and rear with WABCO (ABS) (TCS).

We use a Bendix system instead of WABCO. Can you confirm it that will be acceptable?

Answer - Will be accepted as equivalent.

Question 18 - Item 6.5 Dual windshield wiper motors shall be provided.

We offer a single electric wiper motor that operates both wiper arms in tandem. Can you kindly accept this design?

Answer - Will accept as equivalent.

Question 19 - Item 6.14 Coach shall be equipped with Adaptive cruise control / Collision Avoidance system.

Can this be changed to a rated requirement? We offer many safety features and will offer these on future builds, but engineering and testing will not be completed before your delivery requirements.

Answer - Agreed, will change to rated

Question 20 - Item 8.2 Coach shall be equipped with (2) Two Michelin 315-80R/22.5Z X Line Energy tires on steer axle and (2) Two on tag axle including spare. (4) Four Michelin 315-80R/22.5 XDN2 on drive axle

Our coaches are equipped with (8) eight Continental Coach HA3 315-80R/22.5. Can you confirm it that will be acceptable?

Answer - No alternate to specification.

Regards,



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