### Amendment of Solicitation / Modification - Purchase Order

<table>
<thead>
<tr>
<th>AMENDMENT/MODIFICATION NO.</th>
<th>EFFECTIVE DATE</th>
<th>AGENCY/LOCATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>March 6, 2020</td>
<td>PDRTA/Florence, SC</td>
</tr>
</tbody>
</table>

**ISSUED BY:** Pee Dee Regional Transportation Authority  
Purchasing Department  
313 S Stadium Road  
Florence, SC 29506

**ADMINISTERED BY:** Lindsey Cusaac  
Purchasing Agent

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**CONTRACTOR NAME & ADDRESS:**

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**Amendment of: RFP# 0120-01**  
Up to (2) 35 Foot Low Floor Diesel Buses

**THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS**

The above numbered solicitation is amended as set forth below. The hour and date specified for receipt of offers ( ) is extended. (X) is not extended.

Offerors must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation, or as amended, by one of the following methods: (a) by signing and returning one copy of this amendment, (b) by acknowledging receipt of this amendment on each copy of the offer submitted or (c) by separate letter or email which includes a reference to the solicitation & amendment numbers. **FAILURE OF YOUR ACKNOWLEDGEMENT TO BE RECEIVED AT THE ISSUING OFFICE PRIOR TO THE HOUR & DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER.** If, by virtue of this amendment you desire to change an offer already submitted, such change may be made by e-mail or letter, provided such e-mail or letter makes reference to the solicitation & this amendment, & is received prior to the opening hour & date specified. The changes set below are made to the above numbered order.

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**DESCRIPTION OF AMENDMENT/MODIFICATION:**

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**Please see the attached:**

**CONTRACTOR’S SIGNATURE**

BY_________________________  
(Signature of Authorized Rep.)  
DATE: ________________

_________________________  
(Company Name)

BY_________________________  
(Signature of PDRTA’s Authorized Rep.)  
DATE: ________________
PART I - PRE-PROPOSAL CONFERENCE MINUTES


Lindsey Cusaac called the meeting to order at 11:03AM stating “Any verbal response at a proposal conference shall be tentative responses. Any verbal responses at a pre-proposal conference that is not made confirmed by an addendum shall not be official or binding on the PDRTA.” Then asked if there were any questions or concerns about the RFP at that time. Jerome Conseco introduced himself and asked for a clarification on if we had a specific vendor for the Public Address Speaker System on the buses (p182, 5.10.4.6.1.2). Ronnie Newsome advised that PDRTA does not have any vendor in mind and the description is just a generic description. John Choo introduced himself and asked for further clarifications on the difference between deviations and approved equals. Lindsey updated him that deviations aren’t previously approved by PDRTA, the approved equals are sent in prior to the proposal submittal day. It was suggested to do the approved equals first to get prior approval from the RTA before submitting the proposal with deviations, in case the RTA doesn’t approve of the deviation. Once the request for the approved equal was approved by the RTA, a deviation would not need to be sent, since it would be in an addendum listed as approved. Chris Dabbs asked if this procurement was to replace a procurement that was done with them. Chris Greenman explained that the previous solicitation was only for a fixed number of units to be purchased and that contract had run out. Chris Dabbs wanted to clarify that this procurement was just for 35’ buses, and Chris Greenman updated that someone had requested to add in 40’ buses that have the equivalent turning radius of the 35’ and that we would probably entertain other sizes, but nothing smaller. Chris Dabbs also wanted to clarify that this procurement wasn’t for hybrid and that this was just for diesel units. Jerome Conseco asked about section 2.5.2 Documents and Appendix D about the manuals, but that it didn’t state how many of what manuals for this solicitation. Ronnie Newsome stated one printed manual and one PDF manual. Chris Dabbs stated to define that so that it could be priced appropriately. Chris Greenman asked if there were any other questions. No more questions were asked, and meeting was adjourned at 11:20AM.

PART II - SECTION 2.5.2 DOCUMENTS/APPENDIX D

In section 2.5.2 Documents, the PDRTA would like one part, one maintenance, and one operator written and PDF manual per unit purchased.

PART III – QUESTIONS AND APPROVED_EQUALS

Please see attached the response to approved equals and questions for RFP 0120-01:
Request for Clarification, Exception or Approved Equal

ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am February 28, 2020 11:00am as per Amendment #1

Bid Document Section: 5.1.6.13.10

Section Title: Floor Height / Tires

Nature of Request: Request #1

Specifications:
305/70R 12R22.5 or equal, tires

Grande West / Alliance Bus Request:
The proposed Vicinity bus is equipped with 275/70R22.5 tires. These tires are inherent in the bus design. The tires are sized to meet the GVW requirements and low floor design. Given the lower curb weight of the 35' Vicinity these are the appropriate tires. We are requesting consideration for this size tire. Various makes of tires are available, see attached brochure of our recommended Goodyear G652 transit rated tires.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: [Signature]

PDRTA Response

Approved: √   Denied: 

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal

ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am February 28, 2020 11:00am as per Amendment #1

Bid Document Section: 5.1.6.13.11

Section Title: Head Room

Nature of Request: Request #2

Specifications:
Headroom above the aisle and at the centerline of the aisle seats shall be no less than 78 inches in the forward half of the bus tapering to no less than 74 inches forward of the rear settee.

Grande West / Alliance Bus Request:
The proposed bus has an interior height of 92", and 72.75" at the rear riser.
We are requesting consideration for the slightly reduced height of the rear riser.
The rear riser area has room for approximately 4 standees. See the attached photo with measurements of the rear deck.

Signed: [Signature]

PDRTA Response

Approved: _____ Denied: _____ Pending

Explanation:
THIS request could be approved if we know if there is engine access from the rear riser.

Signed: [Signature]
Request for Clarification, Exception or Approved Equal

ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am February 28, 2020 11:00am as per Amendment #1

Bid Document Section: 5.1.6.13.13

Section Title: Door Opening Dimensions

Nature of Request: Request #3

Specifications:
The front door clear width shall be no less than 31 inches with the doors fully opened. The rear door opening clear width shall be no less than 24 inches with the doors fully opened. When open, the doors shall leave an opening no less than 76 inches in height.

Grande West / Alliance Bus Request:
Front door clear width is 33" and rear door clear width is 34". Opening height is 74". We are requesting consideration for the slightly less door height. We have had no complaints from the hundreds of in-service buses. See photo on next page of front door dimensions.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: [Signature]

PDRTA Response

Approved: ☑ Denied: ___

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00 am February 28, 2020 11:00am as per Amendment #1

Bid Document Section: 5.3.1.1

Section Title: Front Axle

Nature of Request: Request #4

Specifications:
The front axle shall be a solid beam non-driving axle, Arvin Meritor, or submitted deviation. Front axle shall have a minimum rating of 14,600 lbs.

Grande West / Alliance Bus Request:
The front axle is a double wishbone independent front suspension. Voith Model IFS TJ 58-225.
Advantages of this type of axle system are:
- Exceptional ride and handling
- Weight savings over solid beam axles
- Better roll stability
- Smoother dry park steering
- Air spring on upper wishbone for maximum roll stability
- Low maintenance - bushings are easily replaceable, hub bearing lifetime sealed unit
- Brake rotor can be replaced without disassembly of the bearing
- Maximum steering angle 60 deg for short turning radius

PDRTA Response

Approved:  
Denied:  

Explanation:

Signed:
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00 am February 28, 2020 11:00 am as per Amendment #1

Bid Document Section: 5.3.1.4.1

Section Title: Wheels

Nature of Request: Request #5

Specifications:
Alcoa 8.25 x 22.5 machine finished hub piloted wheels, or submitted deviation shall be provided. All wheels shall be interchangeable and shall be removable without a puller. Wheels shall be compatible with tires in size and load-carrying capacity.

Grande West / Alliance Bus Request:
We request consideration for deviation for the wheels:
- Front and rear wheels have different disc offset and are not interchangeable.
- Our standard is powder coated steel wheels.
- Aluminum wheels are available, but not Alcoa brand.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: Eric Holmberg

PDRTA Response

Approved: ✓ Denied: __________

Explanation:

Signed: __________
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am February 28, 2020 11:00am as per Amendment #1

Bid Document Section: 5.4.2.2

Section Title: STARTER

Nature of Request: Request #6

Specification:
Starter shall be a heavy duty "Delco Products Division" Model 42MT or approved equal as recommended by the engine manufacturer.

Grande West / Alliance Bus Request:
We are requesting consideration for a Prestolite M97R3009SE starter. This is the recommended starter for the smaller ISB engine. We have good reliability with this starter and the cost is less than the larger Delco.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √  Denied: _____

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am February 28, 2020 11:00am as per Amendment #1

Bid Document Section: 5.4.2.10.2.2

Section Title: Fuel Capacity

Nature of Request: Request #7

Specifications:
The fuel tank shall have a total minimum capacity of 120 gallons

Grande West / Alliance Bus Request:
The Vicinity bus stainless steel fuel tank is 71 gallons, with a 5.3 gallon DEF tank. The estimated range is 335 mi CBD, 365 mi Aiterial, 620 mi Commuter. Fuel economy average is 5.4 mpg, with average transit duty cycle range of 360 miles.

The good fuel economy of the Vicinity bus is due to the lower curb weight, efficient ISB B300R powertrain, aerodynamics, 275/70R22.5 tires.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: [Signature]

PDRTA Response

Approved: ✓ Denied: ___

Explanation:

[Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am February 28, 2020 11:00am as per Amendment #1

Bid Document Section: 5.4.2.12.9

Section Title: Alternator Requirements

Nature of Request: Request #9

Specifications:
An alternator, a Delco 50DN+ alternator (www.delcoreny.com) or submitted deviation

Grande West / Alliance Bus Request:
We are requesting a deviation for a C.E. Neihoff C706 air cooled alternator. This alternator has proven to be reliable and functional for the Vicinity bus. Please refer to the following Alternator Application Bulletin with complete testing data.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: [Signature]

PDRTA Response

Approved: ✓  Denied:  

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am February 28, 2020 11:00am as per Amendment #1

Bid Document Section: 5.5.1.7

Section Title: WINDSHIELD WIPERS

Nature of Request: Request #10

Specifications:
The bus shall be equipped with an electrically powered, Sprague Industries, or submitted deviation.

Grande West / Alliance Bus Request:
We request approval for electrically powered DOGA wiper system. This is a heavy duty system common in some transit buses, and good success in Vicinity buses. Refer to the following information and test report on the DOGA wiper system

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: [Signature]

PDRTA Response

Approved: ✓  Denied: ____

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00 am February 28, 2020 11:00 am as per Amendment #1

Bid Document Section: 5.10.3.5.1

Section Title: General Requirements / Multiplex System

Nature of Request: Request #11

Specifications:
A programmable multiplexed electrical control system. I/O Controls DINEX G2/T2 or G3 Multiplex System or submitted deviation, shall be provided.

Grande West / Alliance Bus Request:
The Vicinity bus uses a Parker Vanseo multiplexing system. The system uses five
VMM1615 controllers which have 16 inputs and 15 outputs each.
Built to meet and exceed SAE J1455 environmental standards, the system advances
multiplexing technology through enhanced diagnostics and Windows-based ladder logic
programming. The VMM1615 can be used alone or with other multiplexing modules. The
multiplexing system was designed to simplify and reduce electrical system
troubleshooting, maintenance, and file management time. The modules are plug and play
configurable, and have status LEDs that indicate the condition of inputs, outputs, power,
and network activity.

The VMM1615 monitors its 15 outputs continuously for fault information. Detected faults
include short circuits (to ground or power), over currents and open load. The VMM1615
allows systems to reduce the number of fuses by allowing the outputs to protect themselves
electronically. If the event of a fault, the unit will disable the output(s) that are faded.

Signed: 

PDRTA Response

Approved: ✓ Denied: ___

Explanation: Need to know if this will require
new diagnostics software subscription?

Signed: 

[Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am February 28, 2020 11:00am as per Amendment #1

Bid Document Section: 5.3.1.2

Section Title: Rear Axle

Nature of Request: Request #12

Specifications:
Rear axle shall have minimum rating of 26,000 lbs.

Grande West / Alliance Bus Request:
The rear HanDe axle is a heavy-duty single reduction transit rated axle. Model HD 425. Gear reduction of 5.57:1. Traction control is provided by the Bendix system. Knorr-Bremse air disk brakes are standard. Rear sway bar and 4-bag air suspension provide excellent ride quality and handling.

We request approval for GAWR of 11,500 kg (25,353 lb). This axle weight rating is more than sufficient for the loading requirements of the Vicinity 35' bus.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √   Denied: ______

Explanation:

Signed:
Bid Document Section: 2.5.3

**Section Title:** PARTS AVAILABILITY GUARANTY

**Nature of Request:**
New Flyer requests approval: if the parts ordered by PDRTA are not received within two working days of the agreed upon time/date and a bus procured under this Contract is out-of-service due to the lack of said ordered parts, then New Flyer shall provide PDRTA, within twenty four hours of the Agency's verbal or written request, the original suppliers' and/or manufacturers' parts numbers, company names, addresses, telephone numbers and contact persons' names for all of the specific parts not received by PDRTA.

**Specification Language:** Where the parts ordered by PDRTA are not received within two working days of the agreed upon time/date and a bus procured under this Contract is out-of-service due to the lack of said ordered parts, then the Contractor shall provide PDRTA, within eight hours of PDRTA's verbal or written request, the original suppliers and/or manufacturers parts numbers, company names, addresses, telephone numbers and contact persons names for all of the specific parts not received by PDRTA.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

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**PDRTA Response**

Approved: ✓  Denied:  

Explanation:

Signed: [Signature]

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Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 2.5.3

Section Title: PARTS AVAILABILITY GUARANTY

Nature of Request:
NFI Parts requests acknowledgement that parts pricing lists are not generated. Thirty (30) day pricing information will be only provided for parts listed in the Recommended Stocking List during customer's first-bus delivery, and more inclusive Parts Provisioning List following last-bus delivery. Thereafter pricing will be made available by PDRTA designated NFI Parts Customer Service Representative.

Specification Language: The Contractor shall furnish current price information.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √ Denied: __

Explanation:

Signed: [Signature]
Bid Document Section: 2.5.3

Section Title: PARTS AVAILABILITY GUARANTY

Nature of Request:
New Flyer requests approval to only provide OEM cross-reference information on a case-by-case basis, where:
The parts ordered by the agency are not received within two working days of the agreed upon time/date and a bus procured under this Contract is out-of-service due to the lack of said ordered parts, then New Flyer shall provide the agency, within twenty four hours of the agency’s verbal or written request, the original suppliers’ and/or manufacturers’ parts numbers, company names, addresses, telephone numbers and contact persons’ names for all of the specific parts not received by the agency.
New Flyer fails to honor the parts guaranty, or where New Flyer’s supplier is unable to fulfill the request of the parts ordered by the agency within 30 (thirty) days of the agreed upon delivery date, then New Flyer shall provide to the agency within 5 (five) days of the agency’s verbal or written request: the design and manufacturing documentation for those parts manufactured by the New Flyer and the original suppliers’ and/or manufacturers’ parts numbers, company names, addresses, telephone numbers and contact persons’ names for all of the specific parts not received by the agency. New Flyer’s proprietary design and manufacturing documentation provided to the agency shall be for its sole use in regard to the buses procured under this Contract and for no other purpose.

Specification Language: An appendix giving the original suppliers complete address and telephone numbers for their offices responsible for parts ordering shall be included.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √   Denied: 

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 4.2.1

Section Title: REPAIR PERFORMANCE

Nature of Request:
It is New Flyer’s priority to ensure that all warranty-covered repairs are completed by the appropriate party in order for you to receive the highest quality, least expensive and most efficient outcome possible. With this goal in mind, New Flyer requests your approval on the following solutions:
1. Minor & Major Warranty-covered repairs should be carried out by the PDRTA and reimbursed by the contractor through New Flyer on-line warranty system. New Flyer is available to assist in completing these warranty-covered repairs when it is beyond the PDRTA scope of expertise.
2. Major Component Warranty repairs should be carried out by the equipment suppliers (engine, transmission, HVAC and destination sign suppliers). These suppliers mandate that all warranty repairs be performed by an authorized dealer unless the PDRTA is an authorized warranty center. If the PDRTA elects to perform these repairs, without the written permission of the original equipment manufacturer, the remaining warranty coverage may be voided.

Specification Language: The Contractor is responsible for all warranty-covered repair work.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓  Denied: 

Explanation:

Signed: [Signature]
Bid Document Section: 4.2.2

Section Title: REPAIRS BY CONTRACTOR

Nature of Request:
The New Flyer Service team will always strive to solve your problems and get your bus up and running as fast as possible. When available, using PDRTA shop space to complete repairs is the best location to getting the repairs done quickly. This is why New Flyer requests your approval to provide PDRTA with spare parts and tools required to complete warranty repairs, and whenever possible, to complete these repairs in PDRTA shop space.

Specification Language: The Contractor shall provide at its own expense all spare parts, tools, and space required to complete repairs. At PDRTAs option, the Contractor may be required to remove the bus from PDRTAs property while repairs are being affected.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

----PDRTA Response----

Approved: [ ] Denied: [ ]

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 4.2.3.5

Section Title: REIMBURSEMENT FOR LABOR

Nature of Request:
New Flyer requests approval to cover towing costs for the warranty period as specified in Section 4.1.1.2 Complete Bus.

Specification Language: plus the cost of towing in the bus if such action was necessary and if the bus was in the normal service area.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved:  ____  Denied:  √

Explanation: Seeking approval while a vehicle and employee wait is not acceptable.

Signed:
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 4.2.3.6

Section Title: REIMBURSEMENT FOR PARTS

Nature of Request:
New Flyer requests approval to provide a reimbursement of parts at the current published price plus applicable taxes. Handling costs will be reimbursed up to a maximum of $100 per claim. New Flyer requests for this cap because New Flyer pre-pays shipping for the customer to return the parts to the nearest New Flyer parts distribution center.

Specification Language: The reimbursement shall be at the current price at the time of repair and shall include taxes where applicable and 15 (fifteen) percent handling costs.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓  Denied: 

Explanation: 

Signed: 

[Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.1.6.13.16

Section Title: Maximum Operating Distance

Nature of Request:
New Flyer would like to clarify that we comply with the requested range. New Flyer's goal is to achieve the highest mileage possible. However, driver habits, terrain, environmental conditions, and the operating profile directly impact fuel economy. As New Flyer has no control over these factors, it cannot guarantee mileage.

Specification Language: The operating range of the bus when run on the transit bus duty cycle shall be at least 350 miles.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓ Denied: 

Explanation:

Signed: [Signature]
Bid Document Section: 5.1.6.15.1.2

Section Title: Materials Requirements

Nature of Request:
New Flyer requests approval to provide a bus interior which is compliant to standards of FMVSS 302, as Docket 90 is a recommended standard only.
New Flyer additionally requests approval to provide FMVSS for all Docket 90 called out sections: 28.1, 61.2 & 63.2.1.

Specification Language: All materials used in the construction of the Passenger Compartment of the bus shall be in accordance with the Recommended Fire Safety Practices defined in FTA Docket 90, dated October 20, 1993. Materials entirely enclosed from the passenger compartment, such as insulation within the sidewalls, need not comply.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved:  ✓  Denied:  

Explanation:

Signed:
Bid Document Section: 5.2.1.2, 5.2.1.5 & 5.2.1.7

Section Title: STRUCTURE LIFE

Nature of Request:
New Flyer requests approval to provide a hybrid structure (Ferritic stainless steel and carbon steel) frame structure with semi-monoque design, using high-strength low-alloy (HSLA) steel sheet and plate (ASTM A242, A588, A606, A568, CSA G40.21 44W, 50A, 50W) and structural tube and channel (ASTM A500, CSA G40.21 50A, 50W) for structural strength and durability. Unlike traditional austenitic stainless steel, ferritic stainless steel is easily weldable to HSLA steel and retains its corrosion-resistant properties even after welding. 41003 is also known for its good toughness and weld joints when exposed to cold temperatures. Interior and exterior structural components are subject to New Flyer's extensive standard corrosion protection procedures. The proposed structure has been proven successful and reliable in service and is provided with a 12-year structural warranty.

Specification Language: The bus shall be constructed using only inherently corrosion-resistant materials and fasteners to minimize deterioration.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✔ Denied: ___

Explanation:

Signed: [Signature]
Bid Document Section: 5.2.1.5

Section Title: FRAME MATERIALS

Nature of Request:
New Flyer requests approval to provide a hybrid structure (Ferritic stainless steel and carbon) frame structure with semi-monocoque design, using high-strength low-alloy (HSLA) steel sheet and plate (ASTM A242, A588, A606, A568, CSA G40.21 44W, 50A, 50W) and structural tube and channel (ASTM A500, CSA G40.21 50A, 50W) for structural strength and durability. Unlike traditional austenitic stainless steel, ferritic stainless steel is easily weldable to HSLA steel, and retains its corrosion resistant properties even after welding. 41003 is also known for its good toughness and weld joints when exposed to cold temperatures. Interior and exterior structural components are subject to New Flyer's extensive standard corrosion protection procedures. The proposed structure has been proven successful and reliable in service. Please refer to the attached Sales Information Bulletin #400-001, "Partial Stainless Steel Structure," for more information. Please be aware that while the bulletin is labeled for a 40' bus length, the material and structural information still applies.

Specification Language: The frame shall consist of structural stainless steel and or aluminum for maximum durability, reduced maintenance, weight and improved corrosion resistance.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✔ Denied: 

Explanation:

Signed:
Bid Document Section: 5.2.1.9

Section Title: UNDERCOATING

Nature of Request:
New Flyer requests approval to provide New Flyer Standard Corrosion Protection Procedures. Axalta's Ganicin™ Zinc-Rich Polyurethane primer is used as our primary corrosion protection, and all of our steel tubes are coated internally from the roof line down with Tufcote™ UC-7101™ Cavity Coating by Axalta.
Please refer to the attached Sales Information Bulletin, #304-001, "Corrosion System," for more detailed information on New Flyer's superior corrosion protection procedures.

Specification Language: Undercoating shall be PPG Corashield 7972 (www.ppg.com) material or submitted deviation.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √ Denied:

Explanation:

[Signature]
Bid Document Section: 5.2.2.4

Section Title: INSTALLATION

Nature of Request:
New Flyer requests approval to provide Greenwood Forest, NTa ACQ Bus Panel ¾ in. 7-PLY Veneer plywood Flooring that is undercoated with Corashield for superior protection against the elements. Pressure treated plywood shall be supplied in the wheelchair ramp cavity also. The forward five (5) feet of the upper level floor has been designed with a lightweight durable molded "Fiberglass honey comb core with polyester resin" composite which incorporates a stylized step up to the upper level and wraps over the fuel tank on the 40 ft bus.
The Greenwood Forest, NTa ACQ Bus panel does not require sealing of cut edges as it is developed to assure full penetration and retention of ACQ, the environmentally-friendly preservative that prevents decay and insect damage.

Specification Language: The edges of each piece of floor deck shall be sealed with liquid neoprene, liquid urethane, Tuffcote (www.hexham.indirect.co.uk), or submitted deviation before installation.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: □ Denied: □

Explanation:

Signed:
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.2.1.13

Section Title: TOWING

Nature of Request:
New Flyer requests approval to provide a tow adapter that accommodate a 1.25 in. (31.8 mm) crane hook

Specification Language: Each cable attachment shall accommodate a hook with a 1-inch throat.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ☑ Denied: 

Explanation:

Signed: [Signature]
Bid Document Section: 5.3.1.1.1

Section Title: General Requirements

Nature of Request:
New Flyer requests approval to provide a front axle and suspension installation that consists of a MAN VOK-07-F low floor axle complete with wheel hub assembly, brake caliper & brake disc assembly, center link assembly, tie rod arms and a steering arm. The axle assembly also includes ABS sensor and pulse generating wheel. The brake chambers are mounted directly on the disc brake caliper assembly. (Cast drop beam design)

Specification Language: The front axle shall be a solid beam non-driving axle, Arvin Meritor, or submitted deviation, with a load rating sufficient for the bus loaded to GVWR.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √  Denied: _____

Explanation: ____________________________

Signed: ________________
Bid Document Section: 5.3.1.4.1

Section Title: General Requirements

Nature of Request:
New Flyer requests approval to provide a drag link which has vertical studs at both the pitman arm and the axle, as our steering gear, is mounted horizontally.

Specification Language: The drag link assembly shall have a horizontal socket for attachment at the Pitman arm, and a vertical stud for attachment at the steering knuckle arm.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

-----------------------------------------------------------------------------------
PDRTA Response

Approved:   √  Denied:   

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.3.1.1.4.1

Section Title: General Requirements

Nature of Request:
New Flyer requests approval to provide tie rod ends which are threaded into the center link tube, but the rod end must be removed from one of the tie rod arms to allow rotation/adjustment.

Specification Language: Front axle tie rod ends shall be threaded into the tube for adjustment without removal. Lubrication fittings shall be provided on the non-serviceable end assemblies.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved:  Denied:

Explanation:

Signed: [signature]
Bid Document Section: 5.3.1.1.4.4

Section Title: Steering Column

Nature of Request:
New Flyer requests approval to provide Douglas Autotech with tilt and telescopic features.

Specification Language: The steering column shall be manufactured by Ross/TRW. or submitted deviation.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved:    [ ]    Denied:    [ ]

Explanation:

Signed:  [Signature]
Bid Document Section: 5.3.1.2.1

Section Title: General Requirements

Nature of Request:
New Flyer requests approval to provide the M.A.N. HY-1350-F rear axle with disk brakes. The rear axle is a rigid, driven, non-steerable axle made of high-quality spherical center castings, utilizing a single-stage power reduction gear train. The maximum axle load is 28,660 lbs for the rear axle.

Specification Language: The rear axle shall be a heavy-duty, full floating type, Dana Spicer or submitted deviation, incorporating a single reduction, spiral bevel drive.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓  Denied: ___

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.3.1.4.2

Section Title: Tires

Nature of Request:
New Flyer requests approval to provide tire of size 70 (305/70R22.5) for every bus length. This tire size fits our standard Xcelsior platform, and is inherent to the Xcelsior design.

Specification Language: Tires shall be suitable for the conditions of transit service and sustained operation at the maximum speed capability of the bus, 305/85R22.5 or submitted deviation.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response
Approved: √ Denied: 

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.3.2.2.1

Section Title: Air Springs

Nature of Request:
New Flyer requests approval to provide a bus design that incorporates two rolling lobe air bellows at the front axle, greatly improving the ride quality.

Specification Language: Air suspension system shall consist of four (4) rear and four (4) front Rolling Lobe Firestone (www.Firestoneindustrial.com) air bellows or two (2) front air bellows if using ZF axles or submitted deviation.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓  Denied:  

Explanation:

Signed: [Signature]
Bid Document Section: 5.3.2.2.2

Section Title: Leveling Valves

Nature of Request:
New Flyer requests approval to provide a total of three (3)-leveling valves: one at each rear wheel and only one at the front axle, which controls both sides, and maintains the required ride height regardless of bus load.

Specification Language: A leveling valve, manufactured by Barksdale (www.Barksdale.com) or submitted deviation, shall be provided at each wheel by which the air pressure is automatically regulated in proportion to the bus loading.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✔️  Denied: ___

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.3.2.3.2

Section Title: Kneeling Valve

Nature of Request:
New Flyer requests approval to provide a Parker supplied Kneeling Valve.

Specification Language: The kneeling valve shall be manufactured by Bendix or submitted deviation.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓ Denied: 

Explanation:

Signed: [Signature]
Bid Document Section: 5.3.3.1.2

Section Title: Other Brake Types (Option)

Nature of Request:
New Flyer would like to clarify that drum brakes are not an available option for our bus configurations.

Specification Language: Other brake configurations, such as drum brakes may be provided as an option.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓ Denied: 

Explanation:

Signed: [Signature]
Bid Document Section: 5.3.3.1.5

Section Title: Friction Material (entire section)

Nature of Request:
New Flyer requests approval to provide disc brakes on the front and rear of the bus from M.A.N.

Specification Language: The entire service brake system, including friction material, shall have a minimum overhaul or replacement life of 30,000 miles with a brake retarder on the design operating profile.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √ Denied: 

Explanation:

Signed: [Signature]
Bid Document Section: 5.3.3.1.6

Section Title: Slack Adjusters

Nature of Request:
New Flyer requests approval to provide a M.A.N. disc brakes system common to front and rear wheels equipped with ABS and ATC, but not an S-Cam system. The M.A.N. disc brake axles are equipped with MGM type 20 front brake chambers and MGM MJB 2024ET753 rear brake chambers. Specifications include a rotor diameter of 17 inches, a swept area of 636.4 sq. inches and a pad area of 31 sq. inches. M.A.N. has advised New Flyer that the rotor disc may be machined on either side, but overall thickness cannot be less than 37 mm, otherwise discs have to be replaced. Disc brakes greatly reduce the life-cycle costs over the anticipated 12-year service life of the proposed buses, and are inherent to New Flyer’s bus design. Please refer to the attached Sales Information Bulletin, #203/204-001, "Disc Brakes," for further information.

Specification Language: Automatic slack adjusters. Haldex (www.haldex.com) or submitted deviation, shall be provided.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

----------------------------------------------------------------------------------
PDRTA Response

Approved: √ Denied: ___

Explanation:

Signed: [Signature]
Bid Document Section: 5.3.3.1.6

Section Title: Slack Adjusters

Nature of Request:
New Flyer requests approval to provide disc brakes without the visible stroke indicators, as this feature is not applicable to a disc brake system.

Specification Language: Visible stroke indicators shall be provided to easily identify when the brakes are not in correct adjustment.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √  Denied: 

Explanation:

Signed: [Signature]
Bid Document Section: 5.3.3.1.7.1 & 5.3.3.1.7.2

Section Title: Front brake chambers & Rear brake chambers

Nature of Request:
New Flyer requests approval to provide a M.A.N. disc brakes system common to front and rear wheels equipped with ABS and ATC, but not an S-Cam system. The M.A.N. disc brake axles are equipped with MGM type 20 front brake chambers and MGM MJB 2024ET753 rear brake chambers. Specifications include a rotor diameter of 17inches, a swept area of 636.4sq. inches and a pad area of 31sq. inches. M.A.N. has advised New Flyer that the rotor disc may be machined on either side, but overall thickness cannot be less than 37mm, otherwise discs have to be replaced. Disc brakes greatly reduce the life-cycle costs over the anticipated 12-year service life of the proposed buses, and are inherent to New Flyer’s bus design. Please refer to the attached Sales Information Bulletin, #203/204-001, "Disc Brakes," for more detailed information.

Specification Language: The front brake chambers shall be Anchord (www.haldex.com) or MGM (www.mgmbreakes.com), minimum size type 24 with protective box over the push rod, or submitted deviation.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √  Denied: ___

Explanation:

Signed: [Signature]
Bid Document Section: 5.3.3.1.7.2

Section Title: Rear brake chambers

Nature of Request:
New Flyer requests approval to provide rear brake chambers of MGM Type 24 p/n MJB2424ET762

Specification Language: The rear brake chambers shall be Anchorlok or MGM, minimum size type 36 with protective boot over the push rod, or submitted deviation.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √  Denied: ___

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.3.3.1.8

Section Title: Brake Chamber Hoses

Nature of Request:
New Flyer requests approval to provide the following flexible synthetic rubber lines with standard crimped end fittings manufactured by Manuli Rubber Industries and Aeroquip.
Equator 1 (EQ1) / Equator 2 (EQ2) / 2807 PTFE / GH100, to accommodate the different ratings as required.

Specification Language: Flexible brake lines shall be Parker 293 (www.parker.com) or submitted deviation, with nut and sleeve type fittings.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √    Denied: _____

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.3.3.3

Section Title: DOOR BRAKE

Nature of Request:
New Flyer request approval to provide a braking effort that is non-adjustable.
New Flyer has experienced that constant readjustment of the adjustable regulator tends to drift the settings. The non-adjustable feature eliminates the constant monitoring of the regulator and reduces the maintenance issues.

Specification Language: The braking effort shall be adjustable, with hand tools only, from zero to maximum brake effort of the rear axle.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √ Denied: 

Explanation:

Signed: ____________________________
Bid Document Section: 5.4.2.1.4

Section Title: Engine Diagnostics

Nature of Request:
New Flyer requests approval to provide an electronically controlled powertrain that meets this requirement but does not have the ability to time-stamp events.

Specification Language: The engine control system shall have onboard diagnostic capabilities able to monitor vital engine functions; store and time stamp out of parameter conditions in memory, and communicate faults and vital conditions to service personnel.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response
Approved: ☑  Denied: 

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.4.2.3.3

Section Title: Transmission Diagnostics

Nature of Request:
New Flyer requests approval to provide an electronically controlled transmission with on-board diagnostic capabilities, but which is unable to time stamp out-of-parameter conditions.

Specification Language: The electronically controlled transmission shall have on-board diagnostic capabilities, be able to monitor functions, store and time stamp out-of-parameter conditions in memory, and communicate faults and vital conditions to service personnel.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✔ Denied: ___

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.4.2.4.1

Section Title: General Requirements

Nature of Request:
New flyer requests approval to provide a drive shaft manufactured by PROP SHAFT SUPPLY INC, a Flange 1710 half round with female and male shaft diameters of 3.504" and 2.071", respectively.

Specification Language: Propeller shaft shall be Dana Spicer, or submitted deviation.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved:  V  Denied:  

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.4.2.7.3.5

Section Title: Surge Tank

Nature of Request:
New Flyer requests approval to provide reservoirs that are equipped with a spring loaded, level style valve to release pressure.

Specification Language: A spring-loaded, momentary push button type valve to safely release pressure or vacuum in the cooling system shall be provided.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

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PDRTA Response

Approved: ✔ Denied: ___

Explanation:

Signed: [Signature]

Bid Document Section: 5.4.2.8.4

Section Title: Air System Drier

Nature of Request:
New Flyer requests approval to provide a Haldex "Gemini MDx" Tandem air dryer (includes Multi-Treatment Cartridge) with consep oil/water separator.

Specification Language: The air dryer system shall be a Graham White, QBA15 drier (www.grahamwhite.com) or submitted deviation.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✔️ Denied: __________

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.4.2.11.8

Section Title: Flexible Line Type

Nature of Request:
New Flyer requests approval to provide flexible fuel and air lines which are manufactured by Manuli and come equipped with plated steel fittings. The proposed hoses meet or exceed the operating parameter requirements. Manuli hoses are rated for extended temperature range.

Specification Language: Flexible lines shall be Teflon hose with a braided stainless steel jacket with standard SAE or JIC brass or steel, swivel, end fittings.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ☑  Denied: 

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.4.2.11.10.4

Section Title: Coolant Hose Clamps

Nature of Request:
New Flyer requests approval to provide hoses secured by Ideal clamps.

Specification Language: All hose connections shall be secured with premium, stainless steel clamps. Breeze constant tension or submitted deviation that provides a complete 360 degree seal.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √  Denied: ___

Explanation: **must be constant tension**

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.4.2.11.11.1

Section Title: General Requirements

Nature of Request:
New Flyer requests approval to include
Blue colored tubing for Suspension.

Specification Language: Nylon tubing shall be installed in accordance with the following color-code: Green - Indicates primary brakes and supplyRed - Indicates secondary brakesBrown - Indicates parking brakeYellow - Indicates compressor governor signalBlack - Indicates accessories

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓  Denied: 

Explanation:

Signed: [Signature]
Bid Document Section: 5.4.2.11.14.2

Section Title: Charge Air Hose Type

Nature of Request:
New Flyer requests approval to provide Manuli hoses.

Specification Language: The charge air hose type shall be Thermopol (www.contitech.de/) or submitted deviation.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √ Denied: ______

Explanation:

Signed: [Signature]
Bid Document Section: 5.4.2.11.14.4

Section Title: Charge Air Hose Clamps

Nature of Request:
New Flyer requests approval to provide Ideal clamps.

Specification Language: The charge air hose clamps shall be R. G. Ray (www.normaamericansds.com) or submitted deviation.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓ Denied: 

Explanation:

Signed:
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.4.2.12.2

Section Title: Circuit Protection

Nature of Request:
New Flyer would like to clarify that we use high-current fuses for circuits with current requirements of 80 amps or higher. These would be the main power distribution circuits that originate in the fuse box and distribute power throughout the coach. Please note that failure of one of these high-current fuses would indicate a severe problem that requires immediate action and that it cannot be delayed by resetting a circuit breaker.

Specification Language: Fuses shall be used only when a circuit breaker is not practicable.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

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PDRTA Response

Approved: √ Denied: ___

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.4.2.12.6.1

Section Title: Wire Type

Nature of Request:
New Flyer requests approval to provide GXL wiring as opposed to SXL for the following reasons:
- GXL wiring is built to meet the requirements of SAE J1128
- The insulation is fabricated out of cross-linked polyethylene which is a durable thermoset plastic capable of withstanding the harsh environments present on heavy duty vehicles
- GXL wiring is intended for use in engine compartments where higher heat resistance is required; according to SAE J-1128, this allows the wiring to be used throughout the coach
- The operating temperature range for this wiring is -60°F to 257°F
- GXL wiring works with most standard electrical connectors.

Specification Language: SAE #8 and smaller shall be type SXL per SAE J1128.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓    Denied: ___

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.4.2.12.6.8

Section Title: Terminals

Nature of Request:
New Flyer requests approval to provide wiring with no T-splices of any kind except for the CAN wiring drops.

Specification Language: Terminations or splices shall not be concealed within the second layer of insulation. T-splices are prohibited.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓  Denied: 

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.4.2.12.7.2

Section Title: Battery Cables

**Nature of Request:**
New Flyer requests approval to label (with wire codes) and color-code our battery cables as opposed to etching the connection points with "+" and "-" symbols.
Please note that we provide a decal on the fuse box door that clearly identifies how to connect the cables in the event that the cables need to be replaced or are disconnected from the electrical system.

**Specification Language:** The cable shall be permanently marked with a "+" and "-" at the battery end and shall be color-coded with red for the primary positive, black for negative.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

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**PDRTA Response**

Approved:  √  Denied:  

Explanation:

Signed:  

[Signature]

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Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.4.2.12.7.4

Section Title: Battery Trays

Nature of Request:
New Flyer requests approval to provide a polyethylene battery tray supported by a stainless steel sub-frame.
This design is corrosion-resistant, light-weight and has proven to be extremely robust.
Please note that the batteries are supported by structural stainless steel U-channels sized to support up to four (4) Group-31 batteries or two (2) 8D batteries.
Please refer to the attached Sales Information Bulletin, #260-001, "Battery System," which provides further information on the battery tray we offer.

Specification Language: The batteries shall be securely mounted on a stainless steel or equivalent tray that can accommodate the size and weight of the batteries.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✔ Denied: ___

Explanation:

Signed: [Signature]
Bid Document Section: 5.4.2.13.2

Section Title: Engine Run Box

Nature of Request:
New Flyer requests approval to provide an engine control panel constructed of aluminum with components that are dust and water-proof.
Please note that we provide a single electrical gauge to monitor oil pressure and coolant temperature.

Specification Language: Such a box shall be water tight and constructed of stainless steel and include: - Oil pressure gauge - Coolant temperature gauge - Engine front/rear control switch - Engine start button - Drivetrain Level diagnostic port - Engine compartment light switch

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √  Denied: 

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.4.2.13.6.1.2

Section Title: Auxiliary Oil Filter

Nature of Request:
New Flyer requests approval to provide a Spinner II (model 576) centrifugal bypass oil filter.

Specification Language: A remote mounted centrifugal bypass oil filter, a Spinner II Model 976 (www.spinneri.com) or submitted deviation, shall be provided.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: [✓]  Denied: 

Explanation:

Signed:
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.4.2.13.6.3.2

Section Title: Auxiliary Fuel Filter

Nature of Request:
New Flyer requests approval to provide the Davco DP245 fuel filter, which meets Cummins' requirement.

Specification Language: A secondary fuel filter, fuel/water separator, a Davco 384 (www.davotec.com) without electric heat or submitted deviation, shall be provided.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓ Denied: ___

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.5.1.3.1

Section Title: General Requirements

Nature of Request:
New Flyer requests approval to provide both the driver's and passenger window by Arow Global.

Specification Language: All passenger windows and drivers window shall be quick-change design manufactured by Transit Care, Inc. Colton, CA or submitted deviation.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ☑ Denied: ______

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.5.1.3.1

Section Title: General Requirements

Nature of Request:
New Flyer requests approval to provide a destination sign window at the curb side, with a fixed clear top and a fixed bottom.

Specification Language: The destination window assembly shall be split fix with the transom glazing clear.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response
Approved: ✓ Denied: ___

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.5.1.4

Section Title: SIDE SKIRT PANELS

Nature of Request:
New Flyer requests approval to provide a low floor bus without skirt panels.

Specification Language: Side skirt panels below the lower daylight opening shall be essentially flat, without ripples and with minimal visible joints.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✔   Denied:   

Explanation:

Signed: 

[Signature]
Bid Document Section: 5.5.1.7

Section Title: WINDSHIELD WIPERS

Nature of Request:
New Flyer would like to clarify that the electric wiper will sustain damage to motor gears or linkage if the wiper arms are manually manipulated.

Specification Language: No part of the windshield wiper mechanism shall be damaged by manual manipulation of the arms.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √ Denied: ___

Explanation:

Signed: [Signature]
Bid Document Section: 5.5.1.7

Section Title: WINDSHIELD WIPERS

Nature of Request:
New Flyer uses two-piece windshields with wipers parked at the venter vertical edge. We ask this to be approved as an equal.

Specification Language: Both wipers shall park along the edges of the windshield glass.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ☑  Denied: □

Explanation:

Signed:

[Signature]
Bid Document Section: 5.5.1.14

Section Title: FINISH AND COLOR

Nature of Request:
New Flyer requests approval to use our standard and thorough paint application process/system. Please refer to the attached document, "Exterior Paint Appearance Standard," which details New Flyer's high paint quality standards.

Specification Language: Paint shall be applied smoothly and evenly with the finished surface free of dirt and the following other imperfections: A) Blisters or bubbles appearing in the topcoat film B) Chips, scratches, or gouges of the surface finish C) Cracks in the paint film D) Craters where paint failed to cover due to surface contamination E) Overspray F) Peeling G) Runs or sags from excessive flow and failure to adhere uniformly to the surface H) Chemical stains and water spots

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √ Denied: ______

Explanation:

Signed: ______
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.5.2.3

Section Title: FRONT LIGHT INSTALLATION

Nature of Request:
New Flyer requests approval to provide headlights which are LED for low and high beams. Please refer to the attached Sales Information Bulletin, #273-001, "LED Headlights," for more detailed information on the headlights we offer.

Specification Language: Headlamps shall be guide lamp, rectangular or round sealed beam, dual 12 volt Halogen H50 54.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓  Denied: ___

Explanation:

Signed: [Signature]
Bid Document Section: 5.5.4.2

Section Title: BATTERY CHARGE CONNECTION

Nature of Request:
New Flyer requests approval to provide a jumpstart connector located in the rear curbside of the bus, directly beside the engine compartment.

Specification Language: An electrical receptacle, Anderson 350 (www.hubbellpowersystems.com) or submitted deviation, shall be installed in the engine compartment.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved:  ✓  Denied:  

Explanation:

Signed:  [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.5.2.5

Section Title: REAR LIGHT INSTALLATION

Nature of Request:
New Flyer requests approval to provide our rear tail light arrangement based on the attached drawing #449209.

Specification Language: The rear lamp installation shall consist of:

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: [Signature]

PDRTA Response

Approved: ✓ Denied: _____

Explanation: IS there a center, higher mount stop/break light?

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.5.4.3

Section Title: TOWING AIR CONNECTION

Nature of Request:
New Flyer requests approval to remove the requirement for retained caps, as capping the tow fittings creates improper pressures in the air system.

Specification Language: A retained cap shall be installed to protect fitting against dirt and moisture when not in use.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √ Denied: ___

Explanation:

Signed: ________________________
Bid Document Section: 5.6.1.5

Section Title: HEADLINING/ CEILING

Nature of Request:
New Flyer requests approval to provide a ceiling panel made of ABS plastic to enhance the molding required in our Xcelsior bus platform.

Specification Language: Ceiling panels shall be a melamine-type laminated material.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √   Denied: __________

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.6.1.9.3.1 & 5.6.1.9.3.2

Section Title: Stepwell Requirements & 5.6.1.9.3.2 Operator and Farebox Platform Requirements

Nature of Request:
New Flyer requests approval to provide nosing covered with Full Metal Jacket (FMJ).

Specification Language: Yellow, rubber coated nosing, with integral LED lighting, shall be provided on the stepwell or step side.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓  Denied: 

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.6.1.11.2

Section Title: Ceiling/Sidewall

Nature of Request:
New Flyer requests clarification that the interior lighting will be TCB LED and not fluorescent.

Specification Language: The media shall be illuminated by the interior fluorescent light system. The card racks may be integral to the fluorescent light fixtures.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

-------------------------------------------------------------------------------------
PDRTA Response

Approved: ✓ Denied:  

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.7.4.2.1

Section Title: General Requirements

Nature of Request:
New Flyer requests approval to provide New Flyer’s patented self-contained, modular Flip Type ramp that is stored in a stainless steel box mounted into the floor of the bus. The ramp is equipped with a self-contained hydraulic system. The non-skid, 3/16 inch thick aluminum ramp platform has a clear width of 32.25 inches, a length of 47.6 inches and is rated at 660 lbs. with a deployment angle ratio of 1:7. The ramp exceeds ADA requirements.

Specification Language: An automatically-controlled, power-operated ramp system, a Lift-U Model LU-18 ramp with a 1:6 slope (Lift-U/Hogan Mfg. PO Box 398, Escalon, CA 95320, www.lift-u.com) or submitted deviation, compliant to requirements defined in 49 CFR Part 38, Subpart B, §38.23c shall provide ingress and egress quickly, safely, and comfortably, both in forward and rearward directions, for a passenger in a wheelchair from a level street or curb.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √ Denied: __

Explanation:

Signed: [Signature]
Bid Document Section: 5.8.2.8.6

Section Title: Exterior Light Test Switch - 2 Position Momentary Toggle Switch

Nature of Request:
New Flyer requests approval to initiate the exterior light test by simultaneously depressing both the left and right hand turn signal switches; the exterior light test remains active for 2 minutes.

Specification Language: A momentary toggle switch shall be provided to initiate the illumination of all exterior lights and all exterior warning devices except the horn.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓ Denied: ___

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.8.2.10.1

Section Title: Boom Microphone

Nature of Request:
New Flyer requests approval to provide a flexible gooseneck microphone that can be adjusted as needed.

Specification Language: A boom microphone as required by the automated announcement system shall be provided.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ☑ Denied: _____

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.8.5.1

Section Title: GENERAL REQUIREMENTS

Nature of Request:
New Flyer requests approval to momentarily activate all visual indicators during bus start-up to ensure that all indicator lights are working prior to bus operation.
A separate test button is not provided, in order to discourage the testing of these lamps while the bus is operating.

Specification Language: A lamp test button shall be provided to momentarily activate all visual indicators.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✔ Denied:

Explanation:

Signed: [Signature]

[Bid Document Page]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.8.5.1

Section Title: GENERAL REQUIREMENTS

Nature of Request:
New Flyer would like to clarify that most sensors we provide are closed-circuit type except for the following:
- Low coolant sensor
- Low power steering sensor
- Front height sensor
- Kneel sensor
However, please note that these sensors also activate the malfunction indicator in an event of a failure.

Specification Language: Whenever possible, sensors shall be of the closed circuit type, so that failure of the circuit and/or sensor shall activate the corresponding indicator. Displays visible to the operator should be limited to indicating the status of those functions described herein that are necessary for the safe operation and protection of the bus.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓ Denied: 

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.8.6.2.1

Section Title: General Requirements

Nature of Request:
New Flyer requests approval to provide brake and acceleration pedals angled at 45 degrees. Please note that this feature is standard on New Flyer buses.

Specification Language: The accelerator pedal assembly shall be manufactured by Williams, or submitted deviation, with an angle of 41 degrees at the point of initiation of contact, and extend downward to an angle of 10-18 degrees at full throttle.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

**********************
PDRTA Response
**********************

Approved:   √   Denied:   

Explanation:

Signed:
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUAULS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.8.6.4.1

Section Title: Turn Signal Platform

Nature of Request:
New Flyer requests approval to provide our turn signal floor platform which is angled at approximately 37 degrees.

Specification Language: The turn signal platform shall be angled at a minimum of 10 degrees and a maximum of 28 degrees.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓ Denied: 

Explanation:

Signed: [Signature]
Bid Document Section: 5.8.8.1.2

Section Title: Roadside Mirror Location

Nature of Request:
New Flyer requests approval to provide the Hadley heated streetside mirror with dimensions: 2/1 8" x 15".

Specification Language: #RS-7-U910HRI-5X7MC or submitted deviation

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √   Denied: ___

Explanation:

Signed: [Signature]
Bid Document Section: 5.8.8.1.3

Section Title: Curbside Mirror Location

Nature of Request:
New Flyer requests approval to provide the Hadley curbside remote heated mirror with dimensions: 2/1
8" x 15"

Specification Language: #CS-15-D1011HRF-5X7MC or submitted deviation.

If the vendor is seeking concurrence with an approved equal, please submit supporting
documentation (such as product specifications) and/or samples to support your contention that
the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓  Denied: ___

Explanation:

Signed: [Signature]
Bid Document Section: 5.8.8.2.5

Section Title: Bicycle Rack Mirror

Nature of Request:
New Flyer requests approval to provide a 6-inch bike rack mirror.

Specification Language: A 5-inch convex mirror shall be mounted to the right of the roadside seats rearview mirror to view the area immediately in front of the bus.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓ Denied: 

Explanation:

Signed: [Signature]
Bid Document Section: 5.8.9.2

Section Title: OPERATOR STORAGE BOX

Nature of Request:
New Flyer's proposal is based on providing an operator storage box located behind the operator's seat with a dimension of 19.5" x 12" x 9.5". Please note that this box is tapered to accommodate the driver's seat recline angle.
Please note there is a space limitation preventing installation of a larger box.

Specification Language: An enclosed Operator storage area shall be provided with a positive latching door and lock; minimum approximate size: 355 mm x 355 mm x 355 mm (14 inch x 14 inch x 14 inch)

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: \checkmark\  Denied: 

Explanation:

Signed: [Signature]
Bid Document Section: 5.9.1.1

Section Title: GENERAL REQUIREMENTS

Nature of Request:
New Flyer requests approval to provide a Thermo King RLF roof-mounted HVAC system. Safe-T-Walk is provided for rooftop units.

Specification Language: The Heating, Ventilation and Air Conditioning (HVAC) climate control system shall be manufactured by Thermo King "T" Series (www.thermoking.com) or submitted deviation and be capable of maintaining the interior of the bus at the temperature and humidity levels and to provide practical maximum comfort to passengers and the operator.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √ Denied: ___

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal  
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED  
BY February 10, 2020 11:00am

Bid Document Section: 5.9.1.5.2

Section Title: Compressor (Option)

Nature of Request:  
New Flyer requests approval to provide the Thermo King X430 compressor.

Specification Language: The system shall utilize a Thermo King X426 or submitted deviation, engine powered, belt driven compressor.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✔️  Denied:  

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.10.3.5.1

Section Title: General Requirements

Nature of Request:
New Flyer requests approval to provide the Vanseo Multiplexing system (as opposed to Dinex I/O Controls) to provide the following benefits:
- The Vanseo modules are auto-programming making it very easy to replace or add multiplexing modules
- The Vanseo Multiplexing system uses a single type of module minimizing required inventory
- The outputs on our system can drive loads up to 10 amps and are electronically self-protected. This reduces the number of fuses or breakers required.
- The Vanseo Multiplexing module has an IP rating of 66
- The Vanseo Multiplexing module has a operating temperature range of -40F to 185F.
Please refer to the attached Sales Information Bulletin #284+285-001, "Multiplexing System," for further information on the benefits of the Vanseo Multiplexing system.

Specification Language: A programmable multiplexed electrical control system, I/O Controls DINEX G2/T2 (www.iocontrols.com) or G3 Multiplex System or submitted deviation, shall be provided. It is intended to include as many functions as possible in the multiplex system.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: √  Denied: ___

Explanation: Need to know if this will require new diagnostics software subscription?

Signed:
Bid Document Section: APPENDIX G

Section Title: APPENDIX G - PRICING MATRIX

Nature of Request:
New Flyer requests approval to provide a training proposal showing pricing and number of hours for individual courses. This will provide the Procuring Agency the flexibility to select which courses and in what quantities are required based on their operation.

Specification Language:

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ✓         Denied: __________

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.10.3.5.3

Section Title: Module Requirements

Nature of Request:
New Flyer requests approval to provide its Vanseo Multiplex Modules (VMM) which come with internal protection for each individual output, and therefore do not require the use of a physical fuse.
The diagnostic LEDs on the VMM can be used for rapid diagnostic of malfunctions of the load circuit.

Specification Language: Each output of a module shall be equipped with its own fuse to protect each individual load circuit for over current protection. Highly visible, easily accessible fuses are required to assist in the rapid diagnostic of malfunctions of the load circuit.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved:    [X]    Denied:    

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.10.4.10.1

Section Title: General Requirements

Nature of Request:
New Flyer requests approval to provide an AVL system supplied by Clever Devices as per Section 5.10.4.7.4 Controller, and Section 5.10.4.6.2 Public Address Speakers.

Specification Language: The system is designed specifically to monitor and track bus movement and location. PDRTA used GMV Syncromatics. We use the Getac mobile data terminal, connected to the destination signs controller.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved:  
Denied:  

Explanation: Our entire fleet is outfitted with Syncromatics.

Signed:
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.10.4.9.1

Section Title: General Requirements

Nature of Request:
New Flyer requests approval to provide a camera system provided by Safefleet, Safety Vision, or Apollo, as opposed to Angel Trax.

Specification Language: The system and its data are to be used for improvement of operator driving skills and to enhance operator security. A system is designed specifically to monitor and save both video and audio events based upon either predetermined criteria or manually triggered by an operator, as manufactured by Angel Trax or submitted deviation.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved:  Denied:  

Explanation: Our entire fleet utilizes Angel Trax.

Signed:  

[Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.10.4.7.5.2

Section Title: Side Sign

Nature of Request:
New Flyer requests approval to provide side sign size 14 x 112 at the second window as our first window can only accommodate 8 x 96.

Specification Language: The side sign shall be located adjacent to the upper edge of the first fixed window behind the front door and shall be a minimum size of 16 rows x 112 columns: 4 inches h x 42 inches w.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: [ ] Denied: [ ]

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY February 10, 2020 11:00am

Bid Document Section: 5.10.4.5.1

Section Title: General Requirements

Nature of Request:
New Flyer would like to clarify that we technically do not have a Vehicle Area Network.
We provide Vansco Multiplex system which has a different networking architecture compared to I/O
Controls’ system.
However, we provide two major networks (the power train network and chassis network) which both use
SAE J1939.
Please note that there are sub-systems such as the farebox and destination sign systems, which often use
SAE J1708/J1587.

Specification Language: The Information Level shall be integrated into a network utilizing an open and
published data protocol that allows component manufacturers to interface to the network and communicate with
other components. The FTA recommended Vehicle Area Network is SAE J1708 J1587. Alternative networks may
be furnished due to considerations such as component cost, compatibility, availability, and data transmission speeds.

If the vendor is seeking concurrence with an approved equal, please submit supporting
documentation (such as product specifications) and/or samples to support your contention that
the requested equal meets or exceeds the specification minimum requirement.

Signed:

PDRTA Response

Approved: ☑  Denied: 

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal

ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 1.1 REQUEST FOR PROPOSALS

Section Title: 1.1.4.3.1 A. FINANCIAL STATEMENTS (page 18)

Nature of Request:

GILLIG LLC is a privately held California company with the financial ability to complete this procurement. We have a fully operational, fully staffed manufacturing plant located in Hayward, California to manufacture the vehicles proposed in compliance with specifications.

We request approval to delete the submission of our "Confidential" financial report with the bid documents. On request, GILLIG proposes to provide our Financial Statement during the negotiation process.

Bid Document Section: 2.2 CONTRACT AND MODIFICATIONS

Section Title: 2.2.3.3 CHANGE ORDER PROCEDURE (page 55)

Nature of Request:

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

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PDRTA Response

Approved: √  Denied:  

Explanation: 

Signed: [Signature]
Request for Clarification, Exception or Approved Equal

ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

GILLIG requests confirmation that the Contracting Agency has the sole responsibility to amend or change specifications through the use of Approved Equals, amendments, and/or change orders. The Contracting Agency has the responsibility to ensure the Contractor meets all specification changes granted by the Contracting Agency.

Bid Document Section: 2.3 DELIVERY AND TITLE

Section Title: 2.3.5 REGISTRATION DOCUMENTATION (page 61)

Nature of Request:

GILLIG requests approval to provide the following industry standard documents if we are the successful bidder for this procurement:

1. Our Manufacturer's Statement of Origin (MSO) document for each vehicle. This form has been approved in all 50 states and transfers ownership directly from the manufacturer to the procuring agency.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

---

PDRTA Response

Approved: ✓ Denied: 

Explanation: [Signature]

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
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BY FEBRUARY 10, 2020 11:00am

2. The procuring agency provides the MSO document to your local Department of Motor Vehicles in order to transfer ownership and secure the title for each vehicle.
3. The procuring agency would be responsible for title fees or licenses, if any.

Bid Document Section: 2.7 RISK

Section Title: 2.7.1 INSURANCE (page 65)

Nature of Request:

GILLIG maintains and pays the premiums for insurance of the types and limits it deems sufficient for its protection.

Enclosed is a copy of our Certificate of Liability Insurance for your information and approval.

Gillig LLC Insurance 2020.pdf

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ☑ Denied:

Explanation: [Signature]

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 2.7 RISK

Section Title: 2.7.2 PERFORMANCE BOND (page 66)

Nature of Request:

GILLIG requests additional information regarding your requirements for a Performance bond.

(a) Do you intend to request a Performance Bond for this procurement? NO
(b) If so, what will be the amount of the Performance Bond? (i.e. 25% of total bid, 100%) N/A

It is necessary for the Contractor to purchase a performance bond for the procuring agency.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response

Approved: ✓ Denied: 

Explanation: None required.

Signed:
Request for Clarification, Exception or Approved Equal

ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section:  DRAFT AGREEMENT

Section Title:  ARTICLE 4. CONTRACTOR’S LIABILITY (page 188)

Nature of Request:

We request deletion of the wording in this section and to be replaced with the same
Indemnification wording included in your section 2.7.4, Indemnification (pages 66).

If the vendor is seeking concurrence with an approved equal, please submit supporting
documentation (such as product specifications) and/or samples to support your contention that
the requested equal meets or exceeds the specification minimum requirement.

Signed:  JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

---

PDRTA Response
Approved:  √  Denied:  

Explanation:  

Signed:  

[Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: DRAFT AGREEMENT

Section Title: ARTICLE 16 – INSURANCE REQUIREMENTS (PAGES 190 & 191)

Nature of Request:

GILLIG maintains and pays the premiums for insurance of the types and limits it deems sufficient for its protection.

Enclosed is a copy of our Certificate of Liability Insurance for your information and approval.

Gillig LLC Insurance
2020.pdf

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response

Approved:  √  Denied:  

Explanation:

Signed:  

[Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: APPENDIX B

Section Title: 28. DISADVANTAGED BUSINESS ENTERPRISE (DBE) (PAGES 217 & 218)

Nature of Request:

Your specifications state that “no specific DBE participation is required for this procurement, but the PDRTA will accord a DBE with appropriate consideration.”

GILLIG is not a DBE company, however, we submit our DBE information directly to the FTA each year as required by the regulations. We have been "approved" as a Transit Vehicle Manufacturer (TVM) by the FTA eligible to participate in FTA funded procurements.

We request confirmation that our attached Disadvantaged Business Enterprise (DBE/MBE) Certification complies with the requirements of this section to document adequate good faith efforts to comply with this requirement without the submission of any additional information.

[Attachment]

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ✓ Denied:  

Explanation: [Signature]

Signed: [Signature]
Request for Clarification, Exception or Approved Equal

ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED

BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 2.2.3 MODIFICATIONS TO CONTRACT

Section Title: 2.3.1.5 ACCEPTANCE OF BUS (PAGE 59)

Nature of Request:

GILLIG will require the In Service Date (ISD) of each bus delivered within 60 days after bus acceptance. GILLIG and our sub component suppliers are required to establish a warranty start date for each bus delivered under this contract and the ISD is required prior to filing any type of warranty claim. There are time limits to purchase and file for extended warranties which may be required per the Agency contract. The In Service Date is required to purchase any type of extended warranty at the quoted cost without penalties.

If no In Service Date is reported to GILLIG within 60 days after bus acceptance the In Service Date will automatically begin 60 days after bus acceptance.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response

Approved: ✓ Denied: 

Explanation:

Signed: [Signature]
Bid Document Section: 5.6.7

Section Title: IDENTICAL BUSES

GILLIG agrees that all buses to be manufactured within a given production run will be duplicates in design, manufacture, installation, etc., as required by this section.

However, since this solicitation includes an option for additional "years", GILLIG requests approval that such optional coaches to the initial contract award may include product improvements initiated by both the manufacturer and by vendors without obligation to retrofit.

For example, the engine manufacturer might change the means by which engine emission standards are met in order to assure a more reliable system or to meet regulatory requirements that might have changed. GILLIG agrees to advise the Agency regarding any significant variations between coaches in the basic award and those exercised as part of an option.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response

Approved: √   Denied: ______

Explanation: ______

Signed: ________________
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.1.6.9

Section Title: DELIVERY OF COMPLETE BUS

Nature of Request:
GILLIG would like to advise the Agency that the bus will be delivered complete and ready for service to the extent possible. Some items such as CAD/AVL, GPS enabled components etc. may not work until within the Agencies area. GILLIG cannot provide these items ready for service; only confirm that signal is being received by any particular device.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

---

PDRTA Response
Approved: ✔   Denied: 

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00 am

Bid Document Section: 5.1.6.13.10 Floor Height

Section Title: Floor Height

GILLIG request approval to provide tires in a minimum size of 305/85R22.5 or with an overall diameter of 43.4" (inches) is required for proper ride height, departure and approach angles on the 35' (foot) bus.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ☑ Denied: __________

Explanation: [Signature]

Signed: [Signature]
Request for Clarification, Exception or Approved Equal

ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.1.6.13.17

Section Title: Fuel Economy

GILLIG would like to advise the Agency due to the unique operating profiles of each customer, including terrain, traffic conditions, weather, idle time and other factors, such as weight and emission standards which are beyond the manufacturers control, GILLIG requests concurrence that the mileage, as specified by the Agency, is an expected mileage range goal, and not a guaranteed minimum by the manufacturer.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

---

PDRTA Response
Approved: ✔ Denied: 

Explanation:

Signed: [Signature]
Bid Document Section: 5.1.6.15.1.2

Section Title: Materials Requirements

Nature of Request:
GILLIG would like to advise the Agency that the GILLIG LOW FLOOR bus is fully compliant with all the applicable Federal Motor Vehicle Safety Standards (FMVSS), including FMVSS 302, which is the current industry standard.

Your specifications mention in several locations the requirement to comply with Docket 90-A. Please note that this regulation was issued by the Federal Transit Administration on January 13, 1993 and governs "RECOMMENDED Fire Safety Practices for Transit Bus and Van Materials."

Over the years GILLIG has continued a program with suppliers to provide components that meet or exceed these "voluntary recommended" guidelines. Developing technology, unavailability of suitable materials, product performance, reliability, and costs have precluded some materials being available for manufacturers' use.

Given the competitive nature of the transit bus industry, some items are very cost prohibitive in our competitive environment, and we wanted to clarify for the record that the Docket 90A requirement listed in the specifications is a voluntary recommended regulation.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ✓ Denied: 

Explanation:

Signed: 

Signature
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.2.1.9

Section Title: Undercoating

Nature of Request:
GILLIG requests approval to delete the requirement for the interior of the structure tubes to be coated with undercoating.

GILLIG will provide structural frame tubing, constructed of extruded aluminum that is highly corrosion resistant. The properties of aluminum are inherently self-protecting containing a naturally occurring oxide film that forms on all exposed surfaces.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

Approved:  √  Denied:  

Explanation:  

Signed:  

[Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.2.1.9

Section Title: Undercoating

GILLIG requests approval to provide HydroArmo 8000GR undercoating. This is the only approved product currently.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ✓  Denied:

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.2.1.10.1

Section Title: Passenger Compartment/Operator’s Area Requirements

Nature of Request:
GILLIG requests approval to provide the GILLIG standard polystyrene EPS insulation.

GILLI would like to advise the Agency that this standard GILLIG closed cell insulation meets the intent of this section; however, it is not self-scaling or scaled as described in this section.

Please see attached.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ⚡️ Denied: 

Explanation:

Signed: 

[Signature]
Request for Clarification, Exception or Approved Equal

ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.2.1.10.1 & 11.1 & 11.2

Section Title: Passenger Compartment/Operator's Area Requirements

Nature of Request:
GILLIG would like to advise the Agency that the GILLIG LOW FLOOR bus is fully compliant with all the applicable Federal Motor Vehicle Safety Standards (FMVSS), including FMVSS 302, which is the current industry standard.

Your specifications mention in several locations the requirement to comply with Docket 90-A. Please note that this regulation was issued by the Federal Transit Administration on January 13, 1993 and governs "RECOMMENDED Fire Safety Practices for Transit Bus and Van Materials."

Over the years GILLIG has continued a program with suppliers to provide components that meet or exceed these "voluntary recommended" guidelines. Developing technology, unavailability of suitable materials, product performance, reliability, and costs have precluded some materials being available for manufacturers' use.

Given the competitive nature of the transit bus industry, some items are very cost prohibitive in our competitive environment, and we wanted to clarify for the record that the Docket 90A requirement listed in the specifications is a voluntary recommended regulation.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response

Approved: ☑️  Denied:  

Explanation:  

Signed:  

[Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.2.2.3.1

Section Title: Plywood Requirements

GILLIG requests approval to provide a phenolic composite sub-floor manufactured by Milwaukee Composites, Inc. on the upper level only. The flooring sections are laid in a bed of Sikaflex and immediately attached to the stainless-steel chassis structure with stainless steel huck rivets. This provides an excellent and very durable installation. The lower level will include 3/4”-7 Ply GW Industries Transit Deck XP Plus Plywood.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ☑ Denied: 

Explanation: 

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.2.2.3.2

Section Title: Other Floor Structure Materials

Nature of Request:
GILLIG requests approval to provide a ¾ inch phenolic composite sub-floor manufactured by Milwaukee Composites, Inc. on the upper deck of the bus. MCI developed this light weight floor for the transit industry, and it is the only composite sub-floor available on a GILLIG coach.

GILLIG installs the composite flooring to MCI specification. The flooring sections are laid in a bed of Sika Flex and immediately attached to the stainless-steel chassis structure with stainless steel huck rivets.

This provides an excellent and very durable installation

Please see attached.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ✓ Denied: 

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
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BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.2.2.4

Section Title: Installation

Nature of Request:
GILLIG requests approval to provide HydroArmo 7790 undercoating on the underside of each piece of plywood floor deck and to seal the edges of each piece of plywood floor deck.

Please see attached.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: [ ] Denied: [ ]

Explanation:

Signed:
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.2.2.5
Section Title: Floor/wall Transition

Nature of Request:
GILLIG request to approve to install the flooring in the lower front section and in the raised rear platform area with fully sealed butt joint configuration at the side wall. This is our GILLIG standard.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ✓ Denied:

Explanation:

Signed:
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.2.3.1

Section Title: Raised Platforms

Nature of Request:
GILLIG requests approval to provide raised platforms at the rear upper deck section of our 35’ (foot) bus. The riser is required to obtain forward facing seats on the rear deck.

Please see attached.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ✓  Denied:    

Explanation:  
Signed:  

Florence bid
SL-71513-020-BID pc
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.3.1.1.4.4

Section Title: Steering Column

GILLIG requests approval to provide a Douglas steering column that will have full tilt capability with an adjustment range of 35 degrees from the vertical position. The Douglas steering column is easily adjustable by the driver and is accessible by a 5th percentile female and 95th percentile male.

This is the standard with the Douglas steering column.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

---

PDRTA Response

Approved: ☑️  Denied: 

Explanation:

Signed:
Request for Clarification, Exception or Approved Equal

ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.3.1.2.1

Section Title: General Requirements

GILLIG requests approval for the Meritor rear axles for the 35' (foot) buses.
GILLIG would like to advise the Agency that the end tubes on the Meritor axles are fixed.

This is standard on a GILLIG bus.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

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**PDRTA Response**

Approved: ✓  Denied:  

Explanation:  

Signed:  

Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.3.1.4.1

Section Title: Wheels

Nature of Request:
GILLIG requests clarification on the quantity of wheels that are required.

7 wheels per vehicle.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ✓ Denied:    

Explanation: 7

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.3.1.4.2

Section Title: Tires

Nature of Request:
GILLIG requests clarification if the tires are to be provided by the Agency for installation by
GILLIG or if the tires are required to be procured by GILLIG for installation by GILLIG.
GILLIG request the manufacture and model of the tire that will either be provided by the Agency
or procured by GILLIG.

If the vendor is seeking concurrence with an approved equal, please submit supporting
documentation (such as product specifications) and/or samples to support your contention that
the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: √     Denied: 

Explanation: GILLIG to procure & install

Signed: [Signature]
Bid Document Section: 5.3.2.3.2

Section Title: Kneeling Valve

Nature of Request:
GILLIG requests approval to provide an electro-pneumatic valve manufactured by Norgren.

This is standard on a GILLIG bus.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved:  
Denied:  

Explanation:  

Signed:  

[Signature]
Bid Document Section: 5.3.3.1.4.1

Section Title: Front Drum Size

GILLIG advises the Agency that the Meritor FH946 front axle specified contains 16.5" brake drums.

GILLIG requests approval.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ☑   Denied:    

Explanation:  

Signed:  

[Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.3.3.1.4.2

Section Title: Rear Drum Size

GILLIG advises the Agency that the Meritor 79163 axle specified contains 16.5" brake drums.

GILLIG requests approval.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

---

PDRTA Response
Approved: ☑ Denied:

Explanation:

Signed:
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.4.2.1.1

Section Title: General Requirements

GILLIG requests approval to provide the Cummins L9 280 diesel engine rated at 280 HP and 900 pounds/torque to meet EPA Urban Bus Requisition. This is the only available diesel engine currently.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response

Approved:    ■    Denied:    ■

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal

ALL REQUESTS FOR APPROVED EQUAALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.4.2.3.1

Section Title: General Requirements

GILLIG has been advised by Voith that the DiWA.6 transmission electronically measures low oil conditions and is equipped with a protection system that can guard against transmission / clutch damage due to low fluid or low-pressure conditions. The electronic oil level detection system does not have the ability to accurately measure the fluid level. All fluid level measurements should be taken by using the either the OEM dipstick or the Voith dipstick.

GILLIG requests approval.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response

Approved: ✓ Denied: 

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal

ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.4.2.7.2

Section Title: Cooling Fan Operation (Option)

Nature of Request:
GILLIG requests approval to provide a Modine 8 fan electric Frameless Efan system.

This is standard on a GILLIG bus.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

---

PDRTA Response

Approved: ☑ Denied:

Explanation:

Signed:
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.4.2.7.2

Section Title: Cooling Fan Operation (Option)

Nature of Request:
GILLIG would like to clarify that an EMP cooling system will be priced as an option, but the current version of the system that EMP offers on a GILLIG bus is a (5) fan system.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ☑️ Denied: 

Explanation: [Signature]

Signed:
Bid Document Section: 5.4.2.8.4

Section Title: Air System Dryer

Nature of Request:
GILLIG requests approval to provide a SKF High Capacity Turbo 2000 dual desiccant cartridge heated air dryer with integral filtration plus option to satisfy the requirements of this section.

This is GILLIG's new standard installation and so far, is the only approved air dryer with enough capacity and effectiveness to meet the increased air flow output (63%) of the new 2010 Cummins engines equipped with the WABCO 30.4 CFM air compressor.

The dryer is mounted on the curbside frame rail aft of the drive axle.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

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PDRTA Response
Approved: ✔️  Denied:  

Explanation: [Signature]

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.4.2.8.6

Section Title: Air Reservoir Drains

Nature of Request:
GILLIG requests approval to delete the requirement for all air tanks to be equipped with clean-out plugs and guarded or flush type drain valves.

The air reservoirs on a Low Floor bus are mounted in the roof structure in an air tank compartment under the roof, making these drain valves impractical.

GILLIG will supply four (4) drain valves on the road side of the bus conveniently located approximately waist high above the battery box.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR., DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: √  Denied:     

Explanation:  

Signed:  

[Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00 am

Bid Document Section: 5.4.2.9.4

Section Title: Sensors

GILLIG requests approval to provide the standard GILLIG hydraulic drive system. This system incorporates a low hydraulic fluid sensing device located in the hydraulic fluid reservoir but does not include a low system operating pressure sensor. This is since most transit bus hydraulic systems are demand responsive and the hydraulic pressure varies greatly, and low pressure is not necessarily indicative of a problem but is regularly encountered when the system has a low or no demands on it. The GILLIG system complies with all other requirements of this section.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response

Approved: ✓  Denied: 

Explanation: 

Signed: ___________________________
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.4.2.11.11.1
Section Title: General Requirements

GILLIG requests approval to furnish air lines of Parker nylon tubing, color coded, meeting the requirements of SAE type J844, except for the supply lines, which will be 2807 stainless steel braid, teflon inner core for its heat resistant characteristics. GILLIG advises that will provide fuel, oil and water line hoses manufactured by AeroQuip.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: √   Denied: ___

Explanation:

Signed:
Bid Document Section: 5.4.2.11.14.4

Section Title: Charge Air Hose Clamps

Nature of Request:
GILLIG requests approval to provide Breeze or oetiker hose clamps.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

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PDRTA Response
Approved: ✔️ Denied: ❌

Explanation: 

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.4.2.12.6.7
Section Title: Spare Wires

Nature of Request:
GILLIG would like to clarify that not all harnesses on the bus over 5 feet long have 10% (minimum one) spare wires. Additional spare wires can be negotiated during the pre-production meeting if GILLIG is the successful bidder.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ✓ Denied: 

Explanation:

Signed: [Signature]
Bid Document Section: 5.4.2.12.7.2

Section Title: Battery Cables

GILLIG request approvals to provide battery cables that are color coded red 24V, yellow for 12V and black for ground. This eliminates the need for the battery cables to be permanently marked with "+" or "-" at the battery end.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved:  ✓  Denied:  

Explanation:

Signed:
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.4.2.12.9
Section Title: Alternator Requirements

GILLIG requests approval to provide a NiehoffC803 @ 500 Amp.
GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: V Denied:

Explanation:

Signed:
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.4.2.12.10

Section Title: Battery Equalizer

GILLIG requests approval to provide a 60-amp Vanner battery equalizer. This is standard on a GILLIG bus.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

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PDRTA Response
Approved: [ ] Denied: [ ]

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.4.2.13.3
Section Title: Fluid Fill Requirements

GILLIG requests approval to provide twist on engine and radiator filler caps as seen below. Each cap is designed to provide a positive lock which prevents leakage. Each cap is securely tethered to each fill neck assembly to prevent loss or misplacement of the caps while filling. GILLIG requests approval of our proven standard installation.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

---

PDRTA Response
Approved: ✓  Denied: 

Explanation: [Signature]

Signed: [Signature]
Bid Document Section: 5.4.2.13.6.1.2

Section Title: Auxiliary Oil Filter

GILLIG requests approval to provide Spinner II Model 576

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ✔  Denied: 

Explanation:

Signed:
Request for Clarification, Exception or Approved Equal

ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.5.1.3.4.3

Section Title: Egress Windows

GILLIG would like to advise the egress handle will be on the left side of window frames looking from inside the bus. The window manufacturer provides the egress handle at this location as a standard.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response

Approved: ✔ Denied: 

Explanation: ____________________________

Signed: ____________________________
Bid Document Section: 5.5.1.7

Section Title: WINDSHIELD WIPERS

GILLIG requests approval to provide the wiper blades to park along the middle of the windshield glass. This is the standard on the GILLIG bus.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response

Approved: □  Denied: □

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.5.1.13.2

Section Title: Front Bumper

Nature of Request:
GILLIG requests approval to provide our standard energy absorbing bumpers installed on both the front and rear of the bus.

The front bumper is a three-piece design, and the rear, a three-section design without side extensions due to the bus design and width requirements.

Bumpers are solid black in color and the rear bumper is an anti-ride type design.

Bumpers are manufactured by RO-LAB American Rubber Co. in Tracy, CA.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ✓  Denied:  

Explanation: 

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.5.1.13.3

Section Title: Rear Bumper

Nature of Request:
GILLIG requests approval to provide our standard energy absorbing bumpers installed on both the front and rear of the bus.

The front bumper is a three-piece design, and the rear, a three-section design without side extensions due to the bus design and width requirements.

Bumpers are solid black in color and the rear bumper is an anti-ride type design.

Bumpers are manufactured by RO-LAB American Rubber Co. in Tracy, CA.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ☑️ Denied: □

Explanation:

Signed: [Signature]
Bid Document Section: 5.6.1.1

Section Title: GENERAL REQUIREMENTS

Nature of Request:
GILLIG requests approval to delete the requirement for the entire interior to be cleanable with a hose. When cleaning the floor, GILLIG recommends using a broom and mop, and not a hose. GILLIG also recommends that caulking/sealer in flooring seams be regularly inspected and maintained. Cracks in the flooring or at seams can allow water or other liquids to seep through and damage the flooring adhesive and the plywood floor.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: √  Denied: ______

Explanation: ____________________________

Signed: _______________________________
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.6.1.3 & 5.7.2.3

Section Title: OPERATOR'S BARRIER & Vestibule

GILLIG requests to clarify that the Operator’s Barrier will be an opaque barrier that runs continuously from the wheel housing to the air tank compartment immediately behind the operator’s area with a wraparound at the aisle side with a provision for a passenger assist. Reference photo below. GILLIG requests approval

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ☑ Denied: 

Explanation: 

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.6.2.1.1

Section Title: General Requirements

GILLIG requests approval to provide passenger interior LED type lights manufactured by I/O controls or Pretoria.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ✓ Denied: 

Explanation:

Signed:
Bid Document Section: 5.6.2.1.6
Section Title: Watertight Requirements

Nature of Request:
GILLIG would like to advise the Agency that cleaning the interior overhead LED lighting with a pressure washer will result in water intrusion to the interior overhead lighting. Interior lighting is designed to resist water from spray bottles and prevent dust intrusion but is not water tight.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

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**PDRTA Response**
Approved: ✓  Denied:  

Explanation: 

Signed:
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.7.1.1.1

Section Title: General Requirements

GILLIG requests approval to provide American Seating Insight model in lieu of Metropolitan seats. AMSECO has discontinued the metropolitan seat model.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

---

PDRTA Response

Approved: ☑️  Denied: 

Explanation:

Signed:
Request for Clarification, Exception or Approved Equal

ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.7.5.3

Section Title: STANCHION STOP REQUEST PUSH BUTTONS

Nature of Request:
GILLIG requests approval to provide a “stop” stop request push button at the stanchion forward of the rear door.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES Operations

PDRTA Response
Approved: ✓  Denied:  

Explanation: 

Signed:  

[Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00 am

Bid Document Section: 5.8.2.1

Section Title: GENERAL REQUIREMENTS

GILLIG would like to note that SAF Recommended Practice 1680, Revised 1988, “Location and Operation of Instruments and Controls in Motor Truck Cabs,” is recommended for adoption by manufacturers of trucks and truck-tractors in new or revised designs in order to avoid confusion when drivers shift from one truck to another, to promote safety and convenience, and to simplify design, production, and servicing.

This standard would not apply to the GILLIG Low Floor bus. Of prime importance in this recommended practice is the basic premise that all controls requiring operation while the vehicle is in motion be located so that the driver can manipulate them with his right hand and keep his left hand on the steering wheel.

GILLIG has the flexibility to locate various Operator control buttons/switches to accommodate the needs of the Agency and can be discussed in detail during negotiations. We have provided a preliminary dash layout for review and will create a custom dash layout if GILLIG is the successful bidder.

GILLIG requests approval of our standard dash configuration with the Agency having the flexibility to locate various Operator control buttons/switches as needed

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: √ Denied: 

Explanation:

Signed:
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00 am

Bid Document Section: 5.8.3.4
Section Title: TELESCOPIC ADJUSTMENT

GILLIG requests approval to provide a Douglas steering column with a telescopic adjustment of 1.875". The maximum telescopic range with 0-degree tilt is 30.75" inches and a low-end telescopic adjustment of 28.87". This is standard with the Douglas steering column.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ✓ Denied: ___

Explanation:

Signed: 

[Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.8.6.2.1

Section Title: General Requirements

GILLIG requests approval to provide a Kongsberg Accelerator and Brake Pedals.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

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PDRTA Response
Approved: [ ]  Denied: [ ]

Explanation: [Handwritten]

Signed: [Handwritten]
Request for Clarification, Exception or Approved Equal

ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.8.9.2

Section Title: OPERATOR STORAGE BOX

GILLIG requests approval to provide our standard 20" deep x 22.5" wide x 44" high electrical equipment box. This box will include (4) slide out wooden slide out trays. There will be a minimum 3" diameter "stove pipe" on the top of the box for routing of conduits and/or pull wires.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response:
Approved: √  Denied: ___

Explanation: Wooden?

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.9.1.5.4

Section Title: Receiver Tank, Moisture Indicator, Filter/Dehydrator

GILLIG wishes to advise the Agency that the Thermo King A/C receiver tank is equipped with a sight glass with a floating ball.

GILLIG requests approval.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ☑️  Denied:  

Explanation: [Signature]

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.9.1.6

Section Title: Air Filtration

GILLIG requests approval to provide our standard industry proven HVAC return air filter. This filter is cleanable and reusable. The dust holding capacity of our filter is 60 grams.

GILLIG Engineering advises that filters meeting the 120 grams are available; however, they are not cleanable and would require to change and dispose of these filters on a more frequent basis.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ☑️ Denied: ___

Explanation: ___

Signed: ________
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.9.2.2

Section Title: DEFROSTER REQUIREMENTS

GILLIG requests approval to provide the driver's heater/defroster with brush type motors supplied by our heater manufacturer rather than the motors specified.

The brush type motors supplied by our heater manufacturer (Mobile Climate Control) are providing excellent life cycle cost relative to replacement at many different transit agencies.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: √  Denied:     

Explanation: [Signature]

Signed: [Signature]
Request for Clarification, Exception or Approved Equal

ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.10.3.5.1

Section Title: General Requirements

GILLIG requests approval to delete any reference to the Dinex G3 multiplexing system. Any multiplexing system under this contract will be a Dinex G4 or then current I/O Dinex system.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ✓ Denied:

Explanation:

Signed:

[Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.10.4.8

Section Title: FAREBOX

GILLIG requests clarification from the Agency on farebox procurement and installation. If the contractor is to provide the farebox, GILLIG requests clarification on what model farebox is required. This is needed to accurately price the bid as fareboxes are a high price item that can vary greatly depending what model it is.

GILLIG requests clarification from the Agency if the farebox needs to integrate with Syncromatic.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ✓  Denied: 

Explanation: Odyssey 3.6”

Signed:
Bid Document Section: 5.10.4.7.5.2

Section Title: Side Sign

GILLIG requests approval to provide a side sign with 16 rows x 112 columns. This is standard with the Twin Vision Smart Series III destination signs.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

---

PDRTA Response

Approved: ☑  Denied:  

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal

ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.8.9.2

Section Title: OPERATORS STORAGE BOX

Nature of Request:
GILLIG request approval to provide our standard size typical overhead storage box 21"x8"x14.5" (2560 cubic in.) with a door and latch integrated into the operator barrier.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ✓ Denied: 

Explanation: 

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.10.4.2

Section Title: WIRELESS COMMUNICATION REQUIREMENTS

GILLIG requests approval to delete the requirement for GILLIG to provide and install any equipment at the PRDTA administrative facility to form a wireless path to control the flow of data to and from the bus regarding the programming of the destination signs other data as necessary from the drive train and multiplexing levels and to the video surveillance system.

GILLIG requests concurrence.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved:  ✔  Denied:  

Explanation:

Signed: [Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.10.4.3.3

Section Title: Diagnostic Data

GILLIG would like to advise the agency that any on bus equipment as required under this contract to provide network data will only broadcast diagnostic data if the equipment, software, and hardware are all currently provided to the Agency from each respective vendor. GILLIG in no way will be responsible for providing component integration if it is not already developed by equipment, software, or hardware required under this contract.

GILLIG would also like to advise that Agency that GILLIG will not pay for or provide any integration services required for equipment, hardware, or software if it is required under this contract and is not already designed by each respective manufacture required under this contract.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response

Approved: ✓    Denied:   

Explanation: 

Signed: 

[Signature]
Request for Clarification, Exception or Approved Equal
ALL REQUESTS FOR APPROVED EQUALS MUST BE RECEIVED
BY FEBRUARY 10, 2020 11:00am

Bid Document Section: 5.10.4.5.1

Section Title: General Requirements

GILLIG requests more information on the Vehicle Area Network currently in use in the Agency fleet. Information such as devices using the VAN interfaces to the VAN and specific protocols used with the VAN system currently installed and used on the Agency’s fleet.

This will allow us to properly cost the bus and determine systems, engineering and locations of specific components required to meet this specification.

If the vendor is seeking concurrence with an approved equal, please submit supporting documentation (such as product specifications) and/or samples to support your contention that the requested equal meets or exceeds the specification minimum requirement.

Signed: JAVIER HERNANDEZ JR, DIRECTOR OF SALES OPERATIONS

PDRTA Response
Approved: ✅ Denied:  
Explanation: None installed, N/A  
Signed: [Signature]