

KANSAS CITY AREA TRANSPORTATION AUTHORITY

REQUEST FOR PROPOSALS (RFP) #F19-5001-53

PURCHASE OF 30-FOOT, 35-FOOT AND 40-FOOT TRANSIT BUSES

ADDENDUM #1

Issue Date: January 8<sup>th</sup>, 2019

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This Addendum is hereby made a part of the Request for Proposals and Project Documents to the same extent as if it was originally included therein and is intended to modify and/or interpret the bidding documents by additions, deletions, clarifications or corrections. The Contractor shall acknowledge receipt of this Addendum in their Proposal on the attached "Receipt of Addenda" form, which is to be included with the Proposal submittals. In Volume III – Contractual.

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**PROPOSER QUESTIONS**

- GILLIG received your Request for Proposals today. In reviewing the Proposal Calendar, we note the Questions, Comments and Requests for Clarifications are due on January 23, 2019, or in less than eleven (11) working days.
- Due to the extremely short time required to process the 182-page specifications for any Approved Equals, and a usually large number of previous bids currently in process, we request your consideration to extend the due date two (2) weeks to FEBRUARY 6, 2019.

**CLARIFICATIONS/ADDITIONAL INFORMATION**

- Section 1 Proposal Calendar. This form has been revised.

**ATTACHMENTS**

- Receipt of Addenda Form
- Revised Section 1 Proposal Calendar

**END OF ADDENDUM 1**

KANSAS CITY AREA TRANSPORTATION AUTHORITY

PURCHASE OF 30-FOOT, 35-FOOT AND 40-FOOT TRANSIT BUSES

REQUEST FOR PROPOSALS (RFP) #F19-5001-53

**RECEIPT OF ADDENDA**

Proposers shall return this form when submitting their proposal as part of Volume III – Contractual. The form shall be signed and dated by an authorized representative of the firm. Failure to submit this form may deem the Bidder non-responsive.

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*We hereby acknowledge that the Addenda noted below have been received and all information has been incorporated into the Invitation for Bid as required.*

Addendum #1 dated January 8, 2019

Date Received \_\_\_\_\_

Addendum #2 dated \_\_\_\_\_

Date Received \_\_\_\_\_

Company Name \_\_\_\_\_ Date \_\_\_\_\_

Address/City/State/Zip \_\_\_\_\_

Authorized Signature \_\_\_\_\_ Printed Name \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_ Email \_\_\_\_\_

**SECTION 1  
PROPOSAL CALENDAR**

RFP Advertised and Issued ..... January 3, 2019

Questions, Comments and Requests for Clarifications Due to KCATA ..... February 6, 2019  
4:00 p.m.

*Please send email to Andy Robichaud at [arobichaud@kcata.org](mailto:arobichaud@kcata.org) and to Larry Williams at [lwilliams@kcata.org](mailto:lwilliams@kcata.org)*

KCATA's Response to Questions, Comments and Requests for Clarification ..... February 13, 2019

RFP Closing ..... February 25, 2019  
2:00 p.m.

Interviews (Tentative and as Required) ..... Week of March 11 - 15 2019

Contract Award/Notice to Proceed ..... April 2019

KANSAS CITY AREA TRANSPORTATION AUTHORITY

REQUEST FOR PROPOSALS (RFP) #F19-5001-53

PURCHASE OF 30-FOOT, 35-FOOT AND 40-FOOT TRANSIT BUSES

ADDENDUM #2

Issue Date: January 28<sup>th</sup>, 2019

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This Addendum is hereby made a part of the Request for Proposals and Project Documents to the same extent as if it was originally included therein and is intended to modify and/or interpret the bidding documents by additions, deletions, clarifications or corrections. The Contractor shall acknowledge receipt of this Addendum in their Proposal on the attached "Receipt of Addenda" form, which is to be included with the Proposal submittals. In Volume III – Contractual.

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**PROPOSER QUESTIONS**

**ALTRO Question**

1. **Question:** ALTRO would like to be listed as an option on this contract since some of the cities listed in the bid currently use ALTRO as their floor covering.

**Reply:** The vendor needs to contact the manufacturer to see if this could be included or something they would be interested in.

**VOLVO Questions**

1. **Question:** Since multiple awards is an option as indicated in the RFP, could you please indicate the possible scenario of split award that KCATA is willing to entertain? This will help bidders clarify their ability to participate in this solicitation should a manufacturer be able to bid only certain lengths and certain propulsions.

**Reply:** KCATA reserves the right to award as needed but may award by propulsion drive. The KCATA will complete a bid analysis based on each drive-train length for all configurations. There are three bus lengths, (30', 35', and 40') and three propulsion systems (CNG, diesel, and electric). Thus, there is a potential for 6 awards.

2. **Question:** Since it is a multiple awards RFP and since it is a joint procurement, would it possible to provide the number of buses in each bus model and by agency at least for the first year? It would also be interesting to know for the options.

**Reply:** Andy: No. The total number of buses, along with the demand for the first year, has been included within the procurement. The ratio of propulsion systems anticipated to be purchased is still under review by the KCATA and partnering agencies.

3. **Question:** As part of the technical proposal, a limit of 30 pages is currently indicated. The Altoona test being one of the items to submit with the technical proposal this report itself is more than 150 pages, are all attachments excluded from the 30 pages limit?

**Reply:** The Altoona test and attachments are excluded from the 30-page limit.

4. **Question:** At some occasions (TS73 and TS82.5), a reference is made to "Pre-Bid Conference" however, since no date seems to be fixed for this event, would it possible to provide, at this time, the information to Proposers?

**Reply:** No Pre-Bid. Can be answered in Pre-Build.

5. **Question:** Reference is made to the “Form for Proposal Deviation” (section 6.1.1.4), however this document has not been found in the RFP package. Can we provide our own format for deviations?

**Reply:** See Form for Proposal Deviation Attachment O included in this addendum.

6. **Question:** As the previous item, in section 5.7.1 a reference is made to the Contractor’s Service and Parts Support Data, but the form is not included in the package nor it is expected according to the Proposal submittal requirements. Do you want Proposers to provide the standard White Book document?

**Reply:** See form Contractor’s Service and Parts Support Data Attachment P.

7. **Question:** As per section 3.3 Volume II- technical Proposal, item 6 should be the proposed delivery schedule but in Attachment B, this document is requested in Volume III. Which one is correct?

**Reply:** The schedule should be listed by the proposer in Attachment L and include all the necessary information listed in the RFP.

8. **Question:** In section TS72.1, paint colors are not listed. If possible, knowing the colors would be appreciated. Also, if possible, the paint scheme would be nice to have in order to adequately evaluate the work.

**Reply:** See KCATA and Joint Procurement Agencies general design schematic and color examples attached as Attachment Q. Paint scheme will be done during pre-Build.

9. **Question:** Since part of the evaluation is based on the seating capacity, we are kindly requesting the current seat layout for guidelines.

**Reply:** KCATA Seat Layout. See attachment R for seat layout.

10. **Question:** We are kindly request your approval to use an Excel format for the submittal of our Request for Change or Approved Equal instead of the Attachment C form for both technical and commercial requests. The form will include all information required as per the Attachment C.

**Reply:** Yes, best way to get it to us. – The vendor is welcome to submit in Excel.

11. **Question:** In regard to the pricing form provided in excel, we understand that the list of items is to clearly indicate items that are included in our base pricing. We would add “base” on the left column and “included” in the right column. Is this correct? If an item is listed in the price form but not part of the RFP, is it expected to be considered as an option? If so, a price (upcharge or credit) is to be indicated. Is our understanding correct?

**Reply:** Volvo question 11 and 12 are combine. This is the correct way to read the price sheet. The top row (base bus) in each tab is the base price for the proposed bus. Each component listed on the price sheet, if included in the base price, should be left blank or list “base price.” Any component not included in the base price should have a price listed in the right column.

12. **Question:** If an item of the price form is not offered by a manufacturer, do we need to submit an RFA or indicating so on the document is satisfactory?

**Reply:** Yes, see attachment C in Request for Proposal (RFP) that was sent out January 3, 2019.

13. **Question:** Similar to the item above, if an item of the price form is not offered but a similar option is available by a manufacturer, do we need to submit an RFA or changing the description on the price sheet is acceptable?

**Reply:** Yes, see attachment C in Request for Proposal (RFP) that was sent out January 3, 2019.

14. **Question:** Also, for example, we note that the extended engine warranty is listed in the price list while section 6.1.1.4 indicates that the extended warranty should be offered in option. Is it acceptable to change the price form to indicate "option" in the left column and add a pricing? Please confirm.

**Reply:** Yes, this is acceptable.

15. **Question:** Finally, for the price sheet, is it expected that manufacturer add lines to offer alternative items not listed? Please confirm. For clarity, a note would to be added in the left column to be indicated "option" where applicable and a pricing would be provided. Is this acceptable?

**Reply:** The top row (base bus) in each tab is the base price for the proposed bus. Each component listed on the price sheet, if included in the base price, should be left blank or list "base price." Any component not included in the base price should have a price listed in the right column.

#### **Proterra Inc Questions**

1. **Question:** Please clarify that KCATA will accept proposals for, and will consider issuing contract(s) for, certain fuel types and lengths only as not all OEMs offer all the propulsion variations and/or lengths described in this solicitation. Example: Proterra exclusively manufactures zero-emission battery electric buses in 35-foot and 40-foot lengths and cannot, therefore, submit proposals for diesel or CNG buses; or for any buses in the 30-foot category. Requiring successful proposers to offer all fuel types and all vehicle lengths in order to bid on a single vehicle fuel type and length would unduly restrict competition.

**Reply:** Yes, Multi Awards

2. **Question:** Please provide anticipated quantities for each length and propulsion type that KCATA anticipates ordering with the initial order as well as options. It is very difficult for Proposers to determine costs for each variation without knowing approximately how many of each KCATA and/or the additional participating agencies plan to purchase. This is especially important for proposers who only manufacture electric buses if most of purchases under this contract will be diesel or CNG propulsion

**Reply:** KCATA reserves the right to award as needed but may award by propulsion drive.

3. **Question:** Please clarify that purchasing on-going coverage for the two-year period specified meets the requirement for completed operations (versus having a 24 month completed operations

**Reply:** Insurance Coverage updated annually.

4. **Question:** Please clarify the approximate number of 40-foot electric buses that KCATA anticipates including in the initial purchase; and that the proposal bond would be limited to that number for OEM's that do not propose any length of diesel or 30-foot electric buses.

**Reply:** This information, as far as the ratio of propulsion systems procured, will not be given by the KCATA. The total number of buses and the anticipated first year demand has been listed on the RFP.

5. **Question:** Request approval to delete the requirement for a performance bond. The FTA has previously provided guidance that such a bond is not required or recommended in circumstances where there are no progress payments.

**Reply:** Approved

6. **Question:** Please clarify whether KCATA has preferred forms that should be used for the required bonds.

**Reply:** No.

7. **Question:** Please clarify whether KCATA intends that the 30-page limit is per Vehicle fuel type and length proposed, or whether KCATA is limiting the entirety of any technical proposal, including all variations to 30-pages. If the latter approach is intended, please clarify the format that the technical proposal should take in order to ensure independent consideration of each vehicle length and fuel type.

**Reply:** The technical proposal asks for information regarding the Base Information Proposes. Attachments are excluded.

8. **Question:** Page 22 section 3.4 Volume – Contractual; Financial Condition of the Firm

**Reply:** This will be answered directly to Proterra in a separate email

9. **Question:** This section states that “Rolling stock not subject to a general waiver must be manufactured in the United States meet the then current domestic content requirements, which is 65 percent.” Please clarify that KCATA intends for the successful proposer to comply with the current Buy America requirement for vehicles delivered in FY2020 and beyond, which is 70 percent. Further, please note that this section is duplicated on page 162 except that the domestic content requirement is described as being 60 percent.

**Reply:** Yes, the successful proposer must comply with applicable Buy America requirement of 70% percent domestic content for vehicles produced after October 1, 2019. The language in the contract clause is corrected as follows:

40. FTA REQUIRED CLAUSES

N. United States Product and Service Preference.

1. Buy America.

- a. The Contractor agrees to comply with 49 U.S.C. §5323(j), and 49 CFR. Part 661, which provide that federal funds may not be obligated unless steel, iron, and manufactured products used in FTA-funded projects are produced in the United States, unless a waiver has been granted by FTA or the product is subject to a general waiver. General waivers are listed in 49 CFR 661.7 and include final assembly in the United States for 15 passenger vans and 15 passenger wagons produced by Chrysler Corporation, microcomputer equipment & software. Separate requirements for rolling stock are set out at 5323(j)(2)(C) and 49 CFR Part 661.11. Rolling stock not subject to a general waiver must be manufactured in the United States and have a 70 percent domestic content.

10. **Question:** Please clarify that the requirement to submit the Altoona Test Report with the proposal submittal means that this report will not be counted as part of the 30-page limit allowed for the technical submittal as stated in section 3.3 Volume 3 Technical Proposal on page 20.

**Reply:** All attachments are excluded

11. **Question:** The proposal states the following: “Price is an important determinant for award but is not the only consideration. Price will be evaluated to determine what is most advantageous and favorable to KCATA. Optional prices for the additional vehicles will be evaluated with the cost of the original vehicles.” Please clarify how price

will be evaluated, and if the optional pricing refers to vehicle's types/lengths aside from the base order of 30 and 40-foot diesel, and 30 and 40-foot electric, or the pricing of any of the base or option vehicles in future years.

In addition, please clarify how option pricing will be evaluated. The RFP states that "optional prices for the additional vehicles will be evaluated with the cost of the original vehicles", but the RFP also states that the option price will be the base order multiplied by the fraction "Latest Published Preliminary Index Number Prior to Notice of Exercise of Option / Index Number on Effective Date of the Contract". If the price of an option vehicle cannot be determined until the point of option exercise in the future, please clarify how that vehicle price can be evaluated. In general, please clarify how Proposal Evaluation Criteria will be applied across multiple fuel and vehicle length types, as it relates to either a single Technical Proposal or multiple Technical Proposals.

**Reply:** Proterra request 11 and 12 combined. Pricing will only be evaluated for all like vehicles. The pricing for optional vehicles will be the base.

12. **Question:** The RFP states the following: "Passenger/Operator Amenities. Purchasing a bus, which meets passenger and operator needs is critical. In the evaluation process the bus will be examined to assure that seating capacity is maximized, and the number of forward-facing seats is maximized. Further, aisle clearance, passenger visibility, and ramping will be considered. The operator's area will be reviewed for comfort and ease of bus operation, layout, driver safety in case of an accident etc. This list is not to be considered comprehensive but only to offer a guideline of standards and elements to be examined." Passenger and Operator Amenities may vary based on the vehicle length and fuel type in the vehicle. In addition, many of these amenities discussed are the result of the use third components which may be used by any OEM on any vehicle, such as a particular driver's seat or a particular data terminal mounting. Please also provide clarity on how the number of forward-facing seats and seating capacity will be evaluated, given that this is largely a function of the bus length and a custom seating configuration available to any bus OEM.

**Reply:** KCATA Seat Layout. See attachment R for seat layout.

13. **Question:** The RFP states that "The Committee will consider design features that create a style of bus compatible with the current fleet of transit vehicles. This may include, but not be limited to, exterior design, exterior lighting features, trim package and interior features. Provide either vehicle photos or other data that demonstrates the manufactures product.". Please provide additional clarity on the meaning of 'a style...compatible with the current fleet of transit vehicles. As KCATA operates a variety of model years of standard and BRT-styled buses, please provide clarity on features desired that are OEM-neutral.

**Reply:** See section 3.5, Page 24. The proposal will be evaluated by the Selection Committee based on the following criteria:

Price

Design and Maintainability

Technical Capabilities and Quality Assurance

Passenger/Operator Amenities

Style

Delivery

14. **Question:** Please clarify that the performance bond will be returned upon receipt and acceptance of the initial number of buses ordered (base order), and that any subsequent orders would be covered by new bonds, per lot, (if required) which would also be returned upon receipt and acceptance of the total number of buses in each order.

**Reply:** Yes

15. **Question:** Proterra respectfully requests that the Warranty bond amount be Reduced to 10% of the total contract sum for each lot of buses ordered and delivered. Further, please clarify that the warranty bond only covers the period from one year after final payment (per lot) and exclusive of any component which has warranty periods that exceed 1 year.

**Reply:** Approve 10% Maintenance Bond of contract sum per lot covering all warranty periods by component.

16. **Question:** Proterra respectfully requests that this section (D) be deleted as it is not commercially available to the extent that Proterra is the primary insured and KCATA would an additional insured.

**Reply:** KCATA shall be given a thirty (30) day notice if any insurance coverage required under this contract has been denied, amended or cancelled. ~~All such insurance, with the exception of Professional Liability coverage, shall contain endorsements that the policies may not be canceled or amended or allowed to lapse by the insurers with respect to KCATA its commissioners, officers and employers by the insurance company without thirty (30) days prior notice to KCATA in addition to the Named Insured (s) and that denial of coverage or voiding of the policy for failure of Contractor to comply with its terms shall not affect the interest of KCATA, its commissioners, officers and employees thereunder.~~

17. **Question:** Please clarify the range requirement on the line for Electric Battery Performance on line 89 which states minimum of 290-mile range on a single charge. This requirement for 290-miles contradicts the requirement in the Fuel System section on line 75, as well as TS 9.2.1 and 9.2.5 in the Technical specifications, which require a minimum of 150 miles on a single charge.

**Reply:** This was reviewed, and it was a discrepancy. Correct miles are 150.

18. **Question:** Please clarify that it is acceptable for proposers to state: "Included in Base", or "No Charge" (for example) in the price proposal for those line items that are standard on all buses. Example: LED Low Beam Headlights or Air Disc Brakes.

**Reply:** The correct way to read the price sheet is to use the top section (base bus) in each tab is the base price for the proposed bus. Each component listed within the price sheet, if included in the base price, should be left blank or list "base price." Any component not included in the base price should have a price listed in the right column. It is acceptable for a proposer to state "included in base" and "no charge" for base pricing and use the right column within the price sheet to list additional pricing options.

19. **Question:** Please clarify that it is not mandatory to provide pricing for all options listed on the price proposal worksheet. Example, not all OEMs offer inductive charging.

**Reply:** For the charging stations: the KCATA encourages proposers to bid on either or both charging station method for the electric buses. However, the charging station will not be included on the bid analysis and will not be included in determining an award.

If a vendor cannot bid on an option that is not included on the base, the vendor needs to specify "no bid" for that option or provide a suitable alternate.

20. **Question:** Please remove items from the price sheet that are not applicable to the vehicle propulsion type in question. For example, the price sheet requests pricing for a "CUMMINS NEAR ZERO EPA MANDATED ENGINE", which only occurs on buses of other propulsion types, not a zero-emission bus.

Reply: See revised price sheets attached as Attachment S

**ATTACHMENTS**

- Receipt of Addenda Form   nc       ated
- Attachment O - Form for Proposal Deviation   nc       ated
- Attachment P - Contractor Service and Parts Support Data   nc       ated
- Attachment Q - KCATA and Joint Agencies Paint Scheme   nc       ated
- Attachment R - KCATA Seat Layout   nc       ated
- Attachment S - Revised Price Sheet   e a ate e ce d cument

**END OF ADDENDUM 2**

KANSAS CITY AREA TRANSPORTATION AUTHORITY  
PURCHASE OF 30-FOOT, 35-FOOT AND 40-FOOT TRANSIT BUSES  
REQUEST FOR PROPOSALS (RFP) #F19-5001-53

**RECEIPT OF ADDENDA**

Proposers shall return this form when submitting their proposal as part of Volume III – Contractual. The form shall be signed and dated by an authorized representative of the firm. Failure to submit this form may deem the Bidder non-responsive.

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*We hereby acknowledge that the Addenda noted below have been received and all information has been incorporated into the Invitation for Bid as required.*

Addendum #1 dated January 8, 2019                      Date Received \_\_\_\_\_

Addendum #2 dated January 28, 2018                      Date Received \_\_\_\_\_

Company Name \_\_\_\_\_ Date \_\_\_\_\_

Address/City/State/Zip \_\_\_\_\_

Authorized Signature \_\_\_\_\_ Printed Name \_\_\_\_\_

Telephone \_\_\_\_\_ Fax \_\_\_\_\_ Email \_\_\_\_\_



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**ATTACHMENT P KCATA**

**RFP #F19-5001-53**

**Contractor Service and Parts Support Data**

**– Location of nearest Technical Service Representative to Agency**

Name:

Address:

Telephone:

Describe technical services readily available from said representative:

**– Location of nearest Parts Distribution Center to Agency:**

– Name:

Address:

Telephone:

Describe the extent of parts available at said center:

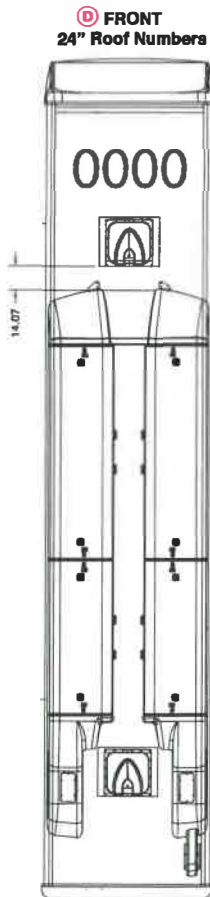
**– Policy for delivery of parts and components to be purchased for service and maintenance:**

– Regular method of shipment:

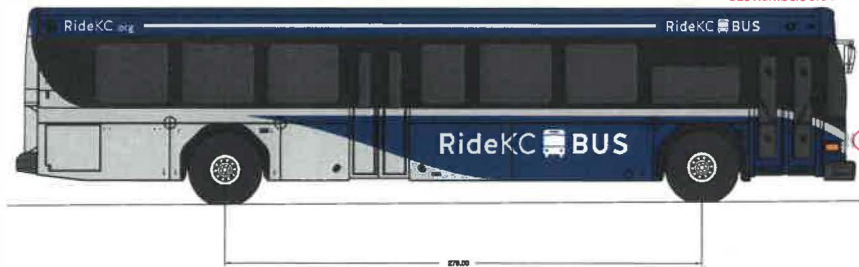
Cost to Agency:

**Addendum #2**  
**ATTACHMENT Q KCATA**  
**RFP #F19-5001-53**

**KCATA 40' Diesel Bus**

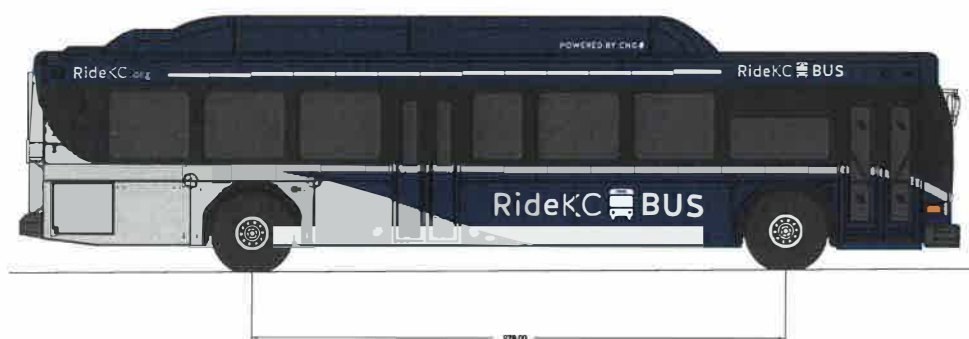


RideKC/logo /BUS are 54.7" x 8"  
 stripe is 2"  
 RideKC.org are 39.75" x 7.5"  
 (D) Large RideKC/logo /BUS are 5109.5" x 16.13"  
 Rear RideKC.org/phone is 17.5" x 6"  
 Rear RideKC.org is 30" x 5.6"  
 Bus numbers are 5"

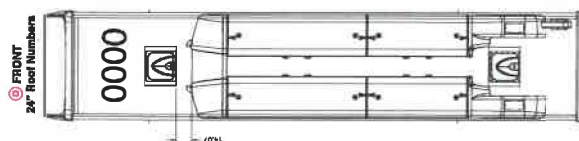


(P) Grey stripe is 4.3125"

KANSAS CITY, MISSOURI	PAINT (Dupont)	DECALS	Approval & Acceptance
(4) Low Floor, 40 foot by 102 inches Serial Numbers: 186200 - 186203 Bus Numbers: 4600 - 4603  <small>Graphics, positioning and dimensions (w/ .307) are for visual representation at optimal viewing distance.            Approx. Prod. Start: 2-1-16            BWHG: 10-63572-000</small>	Bright Silver Sparkle C9339-EB Clearcoat required over the silver Blockbuster Blue K9359-EX Black Gloss N0001-EX White-Hubs & Hubodometer Cameras painted to match scheme	3M White 180C-10 3M Black 7725-12-roof number 3M Reflective White 680CR-10 bus numbers	Approved by: <u>Bridget A. Herrick</u> Title: <u>Graphic Designer</u> For: <u>KCATA</u> Date: <u>10/5/15</u> Rev: <u>2</u> Date: <u>9-23-15</u> PCO: _____
	Paint chip to cust: <input type="checkbox"/> Yes <input type="checkbox"/> NO Sales Eng: CG Date sent: NA Approved: <input type="checkbox"/> Yes <input type="checkbox"/> NO Paint Stencil: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> NO Hard <input checked="" type="checkbox"/> Soft <input type="checkbox"/>		








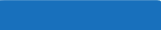



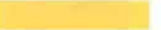


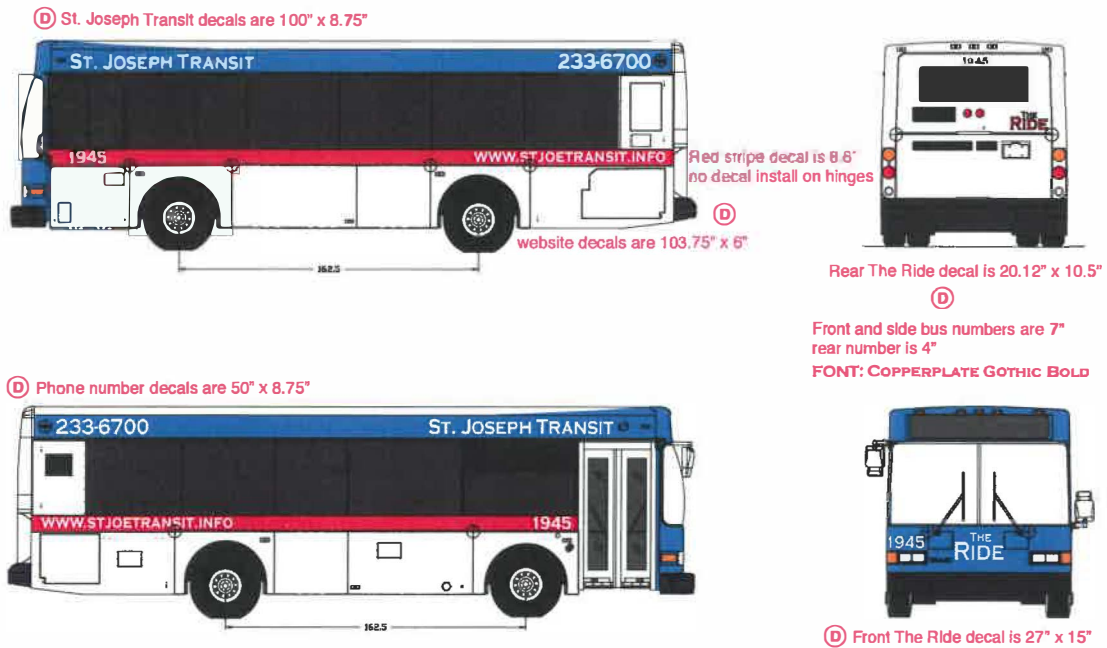
METRO BUS



## BRAND COLORS

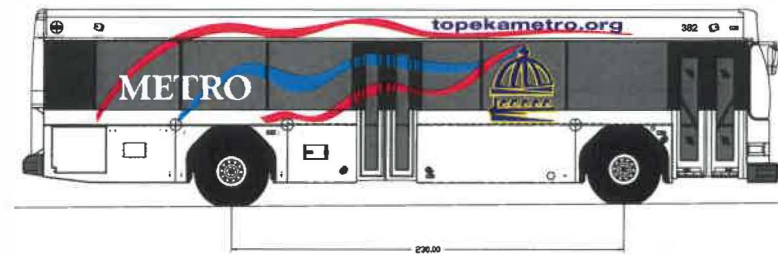
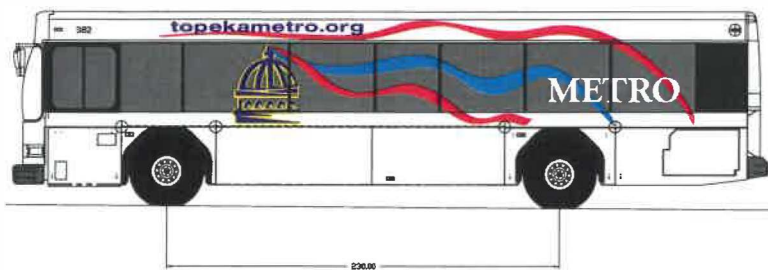
### PANTONE® COATED COLORS

 <p>PMS 301 C</p> <p>RideKC BLUE</p>  <p>CMYK 100/79/20/5</p>  <p>RGB 0/73/135</p>  <p>HEX #004E7D</p>	 <p>PMS 300 C</p> <p>RideKC BUS</p>  <p>CMYK 99/50/0/0</p>  <p>RGB 0/94/184</p>  <p>HEX #215EAC</p>	 <p>PMS 185 C</p> <p>RideKC MAX</p>  <p>CMYK 0/93/79/0</p>  <p>RGB 228/0/43</p>  <p>HEX #EA1D2C</p>	 <p>PMS 1655 C</p> <p>RideKC BIKE</p>  <p>CMYK 0/73/98/0</p>  <p>RGB 252/76/2</p>  <p>HEX #F05123</p>	 <p>COOL GRAY 11 C</p> <p>RideKC FREEDOM</p>  <p>CMYK 44/34/22/77</p>  <p>RGB 83/86/90</p>  <p>HEX #55565A</p>
 <p>PMS 369 C</p> <p>RideKC Green</p>  <p>CMYK 68/79/100/0</p>  <p>RGB 100/167/11</p>  <p>HEX #62A744</p>	 <p>PMS 2184 C</p> <p>RideKC STREETCAR</p>  <p>CMYK 94/29/0/0</p>  <p>RGB 0/132/212</p>  <p>HEX #0081C6</p>	 <p>COOL GRAY 6 C</p> <p>RideKC GRAY</p>  <p>CMYK 16/11/11/27</p>  <p>RGB 167/168/170</p>  <p>HEX #AAA9AA</p>	 <p>PMS 129 C</p> <p>RideKC YELLOW</p>  <p>CMYK 0/11/78/0</p>  <p>RGB 243/208/62</p>  <p>HEX #F6CE3E</p>	



ST. JOSEPH, MO	PAINT (Axalta)	DECALS	Approval & Acceptance
<p>(9) Low Floor, 29 foot by 102 inches            Serial Numbers: 93526 - 93534            Bus Numbers: 1945 - 1953</p> <p>Graphics, positioning and dimensions (+/- .30")            are for visual representation at optimal viewing distance.            Approx. Prod. Start: 1-21-19</p> <p>DWG: 10-63574-002</p>	<p>White 735085-EX            Blue Saryaya 828362-EX            Black Gloss N0001-EX            Silver Aervoe #310 - Hubs            Camera painted to match</p> <p>Paint chip to cust: <input type="checkbox"/> Yes <input type="checkbox"/> NO            Sales Eng: DR Date sent: NA            Approved: <input type="checkbox"/> Yes <input type="checkbox"/> NO            Paint Stencil: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> NO            Hard <input type="checkbox"/> Soft <input type="checkbox"/></p>	<p>3M Black            3M White            3M Perfect Match Red</p>	<p>Approved by: _____            Title: _____            For: _____            Date: _____            Rev: <u>1</u> Date: <u>8-23-18</u>            PCO: _____</p>

**FRONT**  
**24" Roof Numbers**



**TOPEKA, KS**

(10) Low Floor, 35 foot by 102 inches  
Serial Numbers: 184266 - 184275  
Bus Numbers: 382 - 391

Graphics, positioning and dimensions (+/- .30")  
are for visual representation at optimal viewing distance.  
Approx. Prod. Start: 11-24-14

DWG: 10-65573-000-184266

**PAINT (Dupont)**

White 735085-EX  
Gloss black N0001-EX  
Black - Hubs  
Cameras are unpainted

Paint chip to cust: ☐ Yes ☐ NO

Sales Eng: CG Date sent: NA

Approved: ☐ Yes ☐ NO

Paint Stencil: ☐ Yes ☒ NO

Hard ☐ Soft ☐

**DECALS**

3M White  
3M Black  
3M Peacock Blue  
3M Tomato Red

Dome Logo, URL are  
Custom Digitally printed to match:  
3M Intense Blue  
3M Bright Yellow

**Approval & Acceptance**

Approved by: Susan Duffy

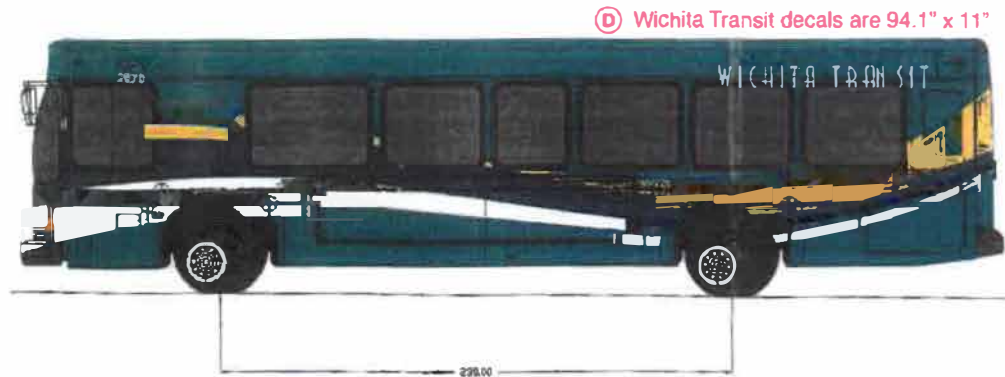
Title: General Manager

For: Topeka Transit

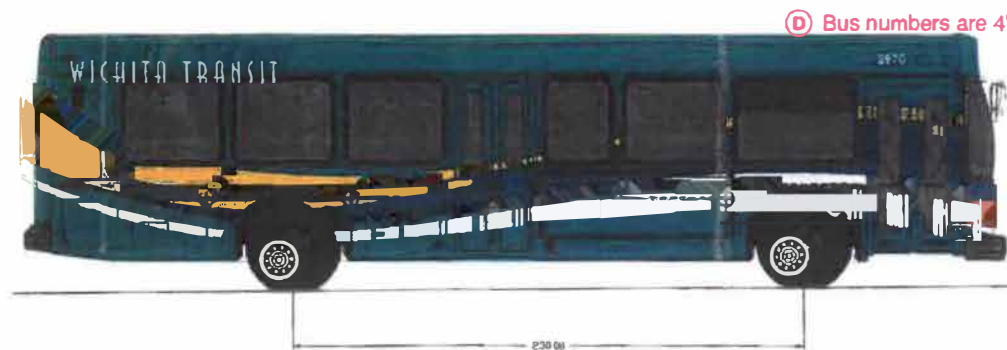
Date: 3/27/14

Rev: 3 Date: 3-28-14

PCO: \_\_\_\_\_



(P) Rear Yellow is 27.75"  
Blue is 6"  
White is 3.5"  
Teal is 25.75"



(P) Front blue stripe  
is 5"

#### WICHITA, KS

(9) Low Floor, 35 foot by 102 inches  
Serial Numbers: 185830 - 185838  
Bus Numbers: TBD

Graphics, positioning and dimensions (±.30")  
are for visual representation at optimal viewing distance.  
Approval Prod. Start: 3-18-15

DWG: 10-65573-000-185834

#### PAINT (Dupont)

Teal N0143-EX  
Blue BS453-EX  
White 735085-EX  
Yellow 755893-EX  
Silver - Hubs  
Cameras painted to match scheme

Paint chip to cust: ☐ Yes ☐ NO

Sales Eng: DR Date sent: NA

Approved: ☐ Yes ☐ NO

Paint Stencil: ☒ Yes ☐ NO

Hard ☒ Soft ☐

#### DECALS

3M Black  
3M White

#### Approval & Acceptance

Approved by: \_\_\_\_\_

Title: \_\_\_\_\_

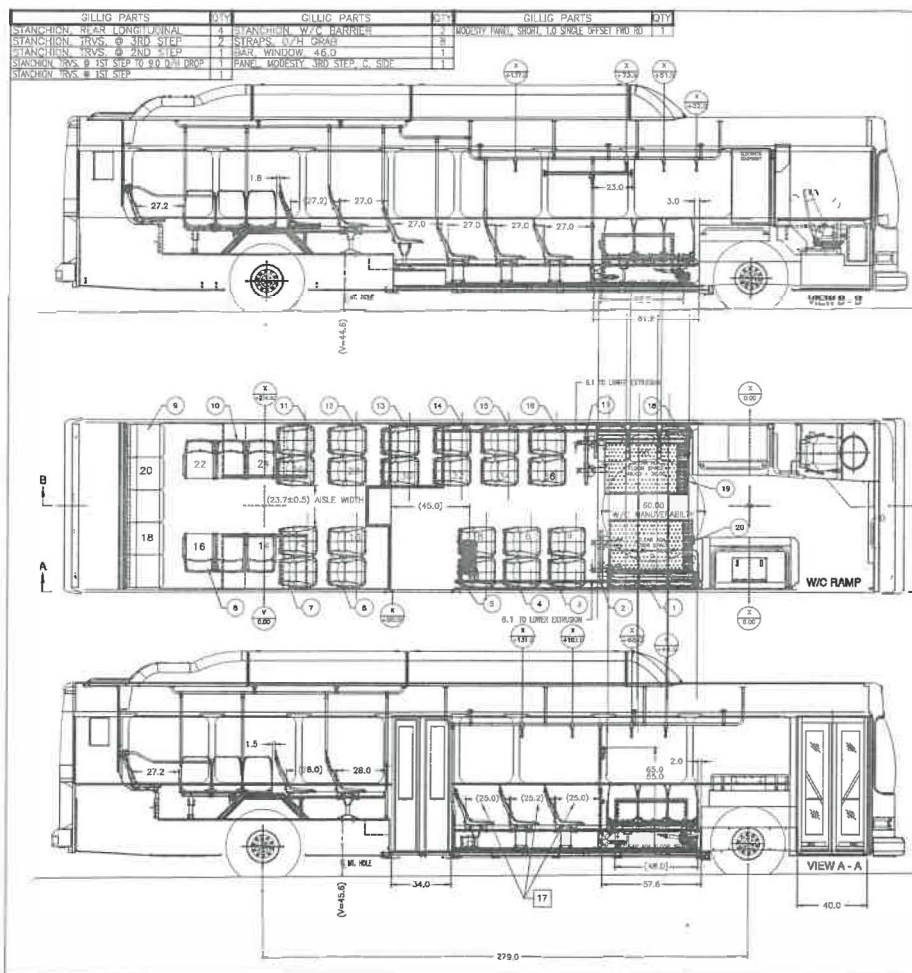
For: \_\_\_\_\_

Date: \_\_\_\_\_

Rev: \_\_\_\_\_

PCO: \_\_\_\_\_

**RFP #F19-5001-53**



GILLIG PARTS	QTY	GILLIG PARTS	QTY	GILLIG PARTS	QTY
STANCHION, REAR LONGITUDINAL	4	STANCHION, W/C BARRIER	2	MODIFY FLOOR, SHORT, 1.0 SINGLE OFFSET FROM	1
STANCHION, REAR, 3RD STEP	2	STRAPS, W/C GRAB	8		
STANCHION, REAR, 2ND STEP	2	W/C WINDOW, 46.0	1		
STANCHION, REAR, 1ST STEP TO 9.0 Q/H DROP	1	PANEL, MODIFY, 3RD STEP, C. SIDE	1		
STANCHION, REAR, 1ST STEP	1				

REVISIONS			
NO.	DESCRIPTION	DATE	BY
1	RELEASED FOR PRODUCTION	12/21/17	

- NOTES:
1. TO MAXIMIZE OCCUPANT CRASH PROTECTION AND REDUCE THE POTENTIAL FOR SIGNIFICANT INJURY TO PASSENGERS SEATED IN THE FIRST FORWARD FACING SEATS IMMEDIATELY REARWARD OF THE ADA AREA, GILLIG REQUIRES EITHER: 1.1 THE PLACEMENT OF A BARRIER FORWARD OF THESE SEATS. 1.2 USE OF A CRAB/STANCHION POLE FOR THE AISLE SEAT AND WALL MOUNTED GRAB HANDLE FOR THE OUTWARD SEAT OR 1.3 SEAT BELTS ON BOTH THESE SEATS.
  2. ALL DIMENSIONS ARE IN INCHES.
  3. FLOORING LAYOUT: SEE R-67522R084.
  4. THIS DRAWING IS TO BE USED FOR SEAT INSTALLATION. ALL OTHER GRAPHIC ARE SHOWN FOR REFERENCE ONLY AND THE FINAL DESIGN MAY VARY.
- SEAT AND RESTRAINT NOTES:
10. SEATS & RESTRAINT BELTS MUST MEET FMVSS 209 & 302 STANDARDS.
  11. GRAB HANDLE MATERIALS: ENERGY-ABSORBING.
  12. SEAT INSERT: 1.5 BOTTOM AND .50 BACK PADDING.
  13. W/C BELTS AND RESTRAINTS: O'STRAIT.
  14. CANTILEVERED SEATS SHALL HAVE NO SHROUDS.
  15. ALL SEATS WITH T-PEDESTALS SHALL HAVE AN OPEN CHANNEL DESIGN WITH 3.0 LONG MOUNTING SLOTS. EXCEPT ADA SEATS SHALL HAVE AN OPEN CHANNEL DESIGN WITH 3.0 LONG MOUNTING SLOTS.
  16. REF: FOR OTHER SEAT DETAILS NOT SHOWN, SEE PURCHASING ORDER SPECIFICATION SHEET.
  17. HIP TO KNEE DIMENSIONS SHOWN ARE NOMINAL. SEAT WILL BE EQUALLY SPACED.
  18. ALL FORWARD FACING SEATS EXCEPT THE SEITEE SEATS SHALL BE GEMINI 2.

OPTION A2: FLOOR POCKET	OPTION A2: FLOOR POCKET
1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0	1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0
1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0	1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0
1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0	1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0
1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0	1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0
1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0	1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0
1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0	1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0
1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0	1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0
1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0	1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0
1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0	1 W/C BARRIER, 21 P.D. P1=8.00, P2=18.00, T=8.0

**39 PASSENGERS**

**PASSENGER SEAT SUPPLIER:** 4ONE

**PASSENGER SEAT MODELS:** GEMINI

191918-191937 (50) (05/15/18)

**GILLIG DESIGN BULLETIN REQUIREMENTS: UNLESS OTHERWISE SPECIFIED**

DESCRIPTION	DB NUMBER	REV
SEITEE	DB 157.001	0
UPPER SECTION	DB 158.001	C
CENTER SECTION	DB 159.001	C
W/C RESTRAINT OPTION	DB 152.014	NL
ADA CLEAR FLOOR SPACE	DB 152.000	A
SEAT DIMENSIONAL SPEC.	DB 152.001	C

**NOTES AND COMMENTS**

SIGNATURE ON THIS DRAWING INDICATES CUSTOMER'S APPROVAL OF LAYOUT AND AGREEMENT THAT SAME IS IN COMPLIANCE WITH CUSTOMER'S SPECIFICATIONS. ONCE SIGNED THIS DRAWING BECOMES A PART OF CONTRACT # \_\_\_\_\_

PURCHASE ORDER # \_\_\_\_\_

SIGNED BY: \_\_\_\_\_

ACTING ON BEHALF OF AND WITH THE AUTHORITY OF \_\_\_\_\_

N. HOM 12/21/17

**GILLIG** GILLIG LLC HAYWARD, CA

**KIT & DIAGRAM, SEAT LF2010 40' X 102'**

**KANSAS CITY, MO**

**SL-76244-191918**

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