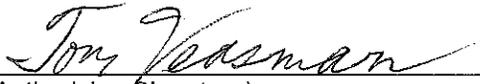


Missouri Department of Transportation
David B. Nichols, Director

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**ADDENDUM 003
Transit Vehicles
Request for Bid 3-130815TV**

Bidders should acknowledge receipt of Addendum 003 (THREE) by **signing** and **including it** with the original bid. The due date for receipt of bids was extended to August 20th, 2013 at 2:00pm by Addendum 002. Accordingly, the following clarifications are believed to be of general interest to all potential bidders. All other terms and conditions remain unchanged and in full force.

Name and Title of Signer (Print or type)	Name and Title of Department Authority Name: Tom Veasman Title: Sr. General Services Specialist
Contractor/Offeror Signature <hr/> (Signature of person authorized to sign)	Department of Transportation  (Authorizing Signature)
Date Signed:	Date Signed: August 13, 2013

VENDOR QUESTION:

1. Item 8... Vinyl Seats (preferred) after-market vinyl seats acceptable if OEM quality, or leather seats... **Concern:...** "Vinyl Seats are not offered from the vehicle manufacturer and after market prices for Vinyl seats should be considered "In my opinion" when purchasing multiple vehicles.

ANSWER:

On the seating issue its either vinyl or leather as stated in the specifications. Since some of the riders in these vehicles may have bladder and or bowel control issues, having vinyl or leather makes clean-up simpler whereas without that feature our end users have had to replace the cloth and the foam in seats.

For many years on the minivan spec, we awarded to a vendor that prior to delivery sent the minivans out to an upholstery shop to install vinyl seat covers that looked very good, conformed to the specification and operationally met the clean up needs of our transit partners.



Our mission is to provide a world-class transportation experience that delights our customers and promotes a prosperous Missouri.

www.modot.org

Vendor Questions (Answers in red):

A- Lowered Floor Accessible Minivan

1. **YES** - Addendum 001 added Option 2- Compressed natural gas (CNG) engine package. Will the pricing sheet be updated to reflect this option?

B- Narrow Body Cutaway

1. **NO** - Page 2, Floor and Floor Covering. Please allow 2-Step undercoating process in place of the belly pan requirement. This configuration protects the floor without having water getting trapped between the floor and belly pan causing a possible premature floor failure.
2. **EQUAL** - Page 3, Step well Grab rails. Please allow the lower end of the right and left grab rail to end on the floor (see attached Pictures) as an alternative configuration. This configuration provides for a strong grab rail that does not pull or distort the door frame.
3. **NO** Page 5, Driver's Seat. Please allow OEM seat cover as an alternative configuration. This configuration will allow use of the OEM seat material allowing warranty and repair to be done at the local Ford Dealership.
4. **NO** - Page 5, Driver's Seat. Please allow the OEM power seat as meeting the specifications. The OEM Seat has a tilt function which raises and lowers the seat but not a true up and down function. This configuration will allow the warranty and repair to be done at the local Ford Dealership.

C- Light Duty Cutaway – Wide Body

1. **YES** - Addendum 001 added Option 4- Compressed natural gas (CNG) engine package for Floor Plans CC and JJ. Will the pricing sheet be updated to reflect this option?
2. **NO** - Page 1, Chassis Type. Please allow for Floor Plan "LL" a 138" Wheel base with a 11,500 GVW as an alternative configuration. This configuration allows the use of a smaller bus with better handling and turning than a larger bus while still meeting the seating and floor plan requirements.
3. **NO** - Page 2, Floor and Floor Covering. Please allow 2-Step undercoating process in place of the belly pan requirement. This configuration protects the floor without having water getting trapped between the floor and belly pan causing a possible premature floor failure.
4. **EQUAL** - Page 3, Step well Grab rails. Please allow the lower end of the right and left grab rail to end on the floor as an alternative configuration. This configuration provides for a strong grab rail that does not pull or distort the door frame.
5. **NO** - Page 5, Driver's Seat. Please allow OEM seat cover as an alternative configuration. This configuration will allow use of the OEM seat material allowing warranty and repair to be done at the local Dealership.

6. **NO** - Page 5, Driver's Seat. Please allow the OEM power seat as meeting the specifications. The OEM Seat has a tilt function which raises and lowers the seat but not a true up and down function. This configuration will allow the warranty and repair to be done at the local Dealership.
7. **NO** - Page 20, Batteries. Please allow step well mounted batteries as an alternative configuration. This configuration has been used in the past providing a safe and convenient location for the addition battery.

C-Light Duty Cutaway-Wide Body - Vendor Questions:

Page 1 #2: Last sentence in this section states "Floor plan LL may utilize a 158" 14,000 GVWR chassis". Not sure what is being said here. In this section it already states 14,000# GVWR requirements and there is nothing in the specifications that indicate wheelbases required. Some can be done with 158" minimum (i.e. DD, II, LL) while the others will require a minimum of 176". Also, floor plans II and LL may be able to be built on the 12,300# min. GVWR chassis.

NO - Request that floor plans II and LL be allowed on a minimum of 12,300# GVWR and **YES** - that floor plans AA, CC, DD, FF, GG, HH, and JJ be on a minimum of 14,000# GVWR. **NO** - Also request that a minimum wheelbase of 158" be allowed for floor plans DD, II **YES** - and LL **YES** - and 176" **allowed** for AA, CC, FF, GG, HH, and JJ. **(Results in no changes to spec)**

Page 3 Grab rails and Stanchions: Reference is made in the specifications about overhead handrails that meet ADA requirements. On floor plans AA and DD which are non-wheelchair units and as such do not need to meet ADA requirements, are these handrails then required for floor plans AA and DD? **YES, handrails required as specified**

Page 4 Grab rails and Stanchions: Third and fifth paragraphs make reference to Fareboxes and a horizontal assist across front of the bus for buses which have fare collection systems. We see no requirements in the specifications about and fare collection devices being required or will bidders have anyway to know if the end user plans on installing their own. Request that these two paragraphs be deleted. **Floor Plan CC has an optional ADA package when so equipped can be used in ADA accessible fixed route transit service. On such orders, the vendor would need to inquire with the end user to determine if a farebox would be used.**

Page 6 FMVSS225 latch systems; **NO – Spec already allows for latch system on fold a way seats for Floor Plans GG and LL.** Request approval to install the two required FMVSS225

latch systems on separate aisle side fixed seats or **NO** - where it is necessary to install on fold a way seats that both sets of 225 latch systems be allowed on the same fold a way seat. Seat manufacturer does not allow for only one 225 latch on a fold a way seat. There must be two. **Latch system on two separate seats is specified to allow two (2) children in child seats to be seated with an adult on each seat. If this results in additional latches, then the arrangement meets and exceeds specification.**

Page 17 Cooling system: Please verify that dual compressor AC systems are required and that the front and rear system shall function independently of each other. **NO – This is a performance specification based on BTU ratings and does not necessarily require dual compressors as long as the front, rear and total BTU performance, as specified, is attained.**

Page 18 Lights and signals: **NO** - In addition to two red 6" diameter strobe type light in the rear corners of the bus, also request approval to use 4" diameter LED flush mount type lights that match the other rear red lights. Offers better appearance, brighter light and commonality of parts as they match other rear lights.

Misc: In several places in the bid document it states that buses must meet applicable ADA requirements. For floor plans AA and DD which are all seated passengers (non-wheelchair) these units obviously are not ADA compliant. So the question is do these floor plans (AA and DD) that are not ADA compliant buses require overhead hand rails - **YES**, ADA priority seating signage **YES** and exterior ADA entrance door light **YES** ? Please clarify.

Addendum #1: Under addendum #1 an option was added for CNG fuel package. Upon review there are several issues with the specifications as follows. Based on what was issued, this appears to be specifications that would apply to larger transit type buses and not smaller cutaway type buses.

1. Virtually all CNG conversion we are aware of that are available for the smaller cut a way type buses are type 3 tanks and not type 4. Type 4 are much larger tanks (typically used on large transit buses) and will not fit under a cutaway type bus. **YES Type 3 tank(s)** - We request that type 3 be approved. Also, any Altoona test reports we are aware of for CNG on the cutaway bus are based on type 3 tanks.
2. Specifications call for "70 diesel gallon equivalent (DGE)" capacity. First of all these buses are not diesel powered. So the equivalent is "GGE" and not "DGE".

3. **Revise to CNG Tank to 38 GGE minimum** - We are not aware of any cutaway bus that has been Altoona tested with a 70 gallon capacity. This capacity is common with the larger type 4 tanks used in large transit buses as noted under #1 above. The largest we know of is 50 gallons GGE. We would request that the equivalent be changed to **minimum** of 40 gallons GGE. The reason for 40 gallons is that these CNG systems are heavier than the OEM fuel system and while some buses/floor plans may be able to accommodate 40 gallons and not exceed the chassis GVWR others if 50 gallons is required may end up exceeding the GVWR of the chassis.

In addition the following issues arise with other bus features and options.

- a.) **YES, condenser relocation as needed to accommodate CNG** - With a 40 GGE system (4 tanks) a skirt mounted condenser is not possible. It requires the condenser to be moved to the roof and adds additional cost to AC system.
 - b.) **YES, battery box relocation as needed to accommodate CNG** - With a 50 GGE system (5 tanks) in addition to having to remove the skirt mounted condenser, a skirt mounted battery box cannot be installed. OEM chassis battery locations will need to be maintained.
4. With regards to the requirement of an Altoona test report be provided with the bid this creates the following issues.
 - a.) **Altoona Test report and any associated FTA letter on CNG to be submitted with bid** - Not every bus manufacturer according to FTA needs to do an Altoona test for a CNG conversion. Since the CNG system is classified as an add on option, FTA has been issuing letters indicating that as long as the base bus offered has been Altoona tested and that the CNG system design configuration that will be installed has been tested on a similar type bus then no additional testing is required. So many bus manufactures are grandfathering the CNG Altoona test performed by other bus manufacturers. Enclosed is a letter we have on a similar request. However the configuration for this procurement will require another letter based on the GGE required.
 - b.) It will be possible to present the CNG Altoona test as performed by another bus manufacturer for a CNG conversion that is the same as we would propose. However, we are in the process of getting a letter from FTA that will allow us to grandfather on the test previously performed by another bus manufacturer. These letters take time to get from FTA and based on the short notice of the CNG option getting the letter will not happen before bid opening. **NO** - We request that in lieu of this proof

being required with the bid that documentation (supporting Altoona test report and/or FTA grandfather letter) be required before any CNG conversion option that may be bought be installed and not with bid submission.

5. As a point of information, with the addition of the CNG option this will eliminate the possibility of anyone offering anything other than a Ford chassis. To our knowledge the Chevrolet chassis has not been tested with a CNG conversion by any bus manufacturer.
6. **YES** - With the addition of the CNG option under addendum #1, will a revised pricing page be issued that adds this option? Currently pricing page only shows places to price options #1-3. If not where should we price this option?
7. Since the CNG is an option, in the event a bidder would not have an option to meet the requirements and would not be able to provide a price for the option, would this make bidder non-responsive and preclude them from a possible award even if they were low bidder for floor plans CC and JJ? – **NO, but it may mean that MoDOT would award to a floor plan without CNG, if no other bids offer CNG.** We feel that the way the CNG option is currently written that it may preclude several if not all prospective bidders from quoting the option.

E- Adult Non-School Bus - Medium Duty

1. **NO** - Page 1, Chassis Types. Please allow a 26,000 GVW as an alternative configuration. This configuration is in line with the chassis, body length, and floor plan specified. Please see the attached additional information on M2 Freightliner chassis and basic Champion Specification. This chassis have been successfully used in the past.
2. **NO** - Page 6, Floor Plan BB. Please allow a Total Capacity of 32 ambulatory and two wheelchairs; 36 ambulatory with zero (no) wheelchairs as an alternative configuration. The 38 passenger configuration requires a length of bus that has not been tested to FMVSS 220 by the bus manufacturer. This configuration allows the bus to meeting testing as specified. Please see the attached proposed floor plan.
3. **REI Model FLY1018 EQUAL** - Page 19, Option 1 Backing Vision System. Please allow the REI System as an alternative configuration. This system is user friendly, reliable, and similar to the current system.

1. REVISED PRICING PAGE (includes Option 2)

Lowered Floor Accessible Minivan, complete and meeting the attached Missouri Department of Transportation Specification **MM-A**.

Questions concerning specifications should be directed to Steve Billings at (573) 751-2523.

PURCHASE ORDERS MAY BE ISSUED FOR VARIOUS ORGANIZATIONS IN THE STATE OF MISSOURI.

LIST YOUR NET DELIVERED PRICE, MEETING THE ATTACHED SPECIFICATIONS, TO ANY DESTINATION IN THE STATE OF MISSOURI.

Please indicate make and model _____

Floor Plan AAA \$ _____ **Per Unit**

Floor Plan BBB \$ _____ **Per Unit**

Floor Plan CCC \$ _____ **Per Unit**

Floor Plan DDD \$ _____ **Per Unit**

Option 1 **Safety Vision SV 5000, Backing Vision BV 1350 (or approved equal) backing vision system.**
Price \$ _____ **Per Unit**

Option 2 **Compressed natural gas (CNG) engine package.**
Price \$ _____ **Per Unit**

Delivery will be made _____ days after receipt of order.

Name of the Bidder's Firm _____
Signature of Authorized Representative _____
Date Signed

1. REVISED PRICING PAGES (includes Option 4)

New standard equipped (MAKE & MODEL) _____
Light Duty Cutaway – Wide Body, complete and meeting the attached Missouri Department of Transportation Specification MM-C.

Questions concerning specifications should be directed to Steve Billings at (573) 751-2523.

PURCHASE ORDERS MAY BE ISSUED FOR VARIOUS ORGANIZATIONS IN THE STATE OF MISSOURI.

LIST YOUR NET DELIVERED PRICE, MEETING THE ATTACHED SPECIFICATIONS, TO ANY DESTINATION IN THE STATE OF MISSOURI.

Please indicate make and model _____

Floor Plan AA \$ _____ **Per Unit**

Floor Plan CC \$ _____ **Per Unit**

Floor Plan DD \$ _____ **Per Unit**

Floor Plan FF \$ _____ **Per Unit**

Floor Plan GG \$ _____ **Per Unit**

Floor Plan HH \$ _____ **Per Unit**

Floor Plan II \$ _____ **Per Unit**

Floor Plan JJ \$ _____ **Per Unit**

Floor Plan LL \$ _____ **Per Unit**

Option 1 **Safety Vision SV 5000, Backing Vision BV 1350 (or approved equal) backing vision system.**

Price \$ _____ **Per Unit**

Option 2 **Overhead storage shelf (with netting) located above all ambulatory Seating on the driver's side.**

Price \$ _____ **Per Unit**

Option 3 **Fixed Route ADA Compliance Package**

Price \$ _____ **Per Unit**

Option 4 **Compressed natural gas (CNG) engine package on Floor Plans CC and JJ.**

Price \$ _____ **Per Unit**

Delivery will be made _____ days after receipt of order.

Name of the Bidder's Firm

Signature of Authorized Representative

Date Signed