



State of Oklahoma  
Office of Management and Enterprise Services  
Central Purchasing Division

Amendment of Solicitation

Date of Issuance: April 11, 2014

Solicitation No. SW797

Requisition No. SW797

Amendment No. 002

Hour and date specified for receipt of offers is changed: ☐ No ☒ Yes, to: 5/20/14 3:00 PM CST/CDT

Pursuant to OAC 580:16-7-30(d), this document shall serve as official notice of amendment to the Solicitation identified above. Such notice is being provided to all suppliers to which the original solicitation was sent.

Suppliers submitting bids or quotations shall acknowledge receipt of this solicitation amendment prior to the hour and date specified in the solicitation as follows:

- (1) Sign and return a copy of this amendment with the solicitation response being submitted; or,
- (2) If the supplier has already submitted a response, this acknowledgement must be signed and returned prior to the solicitation deadline. All amendment acknowledgements submitted separately shall have the solicitation number and bid opening date printed clearly on the front of the envelope.

**ISSUED BY and RETURN TO:**

**U.S. Postal Delivery or Personal or Common  
Carrier Delivery:**

Office of Management and Enterprise Services,  
Central Purchasing Division  
Will Rogers Building  
2401 N. Lincoln Blvd., Suite 116  
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**Description of Amendment:**

a. This is to incorporate the following:

1. The closing date for this RFP has been extended until May 20, 2014 at 3:00pm CDT.
2. Answers to the questions that were submitted are attached. Questions regarding these answers only may be submitted by 4/18/14.

b. All other terms and conditions remain unchanged.

Supplier Company Name (**PRINT**)

Date

Authorized Representative Name (**PRINT**)

Title

Authorized Representative Signature

## QUESTIONS AND ANSWERS

SW797

Q1. Page 3, III Body Structure: Please accept Tekmodo Dynalite as an equal to Azdel Superlite for the backing material. Goshen Coach has used both materials and found the Tekmodo Dynalite superior. Product specifications attached.

A1. This substitution request is approved.

Q2. Page 7, XVI Interior: Please accept Tekmodo Dynalite as an equal to Azdel Superlite.

A2. This substitution request is approved.

Q3. Page 8, XX Floor Covering: Please accept Gerflor Tarabus floor covering as an equal to Altro floor covering. Produce specifications attached.

A3. This substitution request is approved.

Q4. Page 10, Air Conditioning: Please accept American Cooling Technology (ACT) air conditioning system ACT-913/21. Product specifications attached. Carrier no longer manufactures a product for the transit industry.

A4. This substitution request is NOT approved.

Q5. Page 15, XXXI Lighting: Please accept Optronics as an equal to Dialight for all lighting products. Optronics has a lifetime warranty. Product specifications attached.

A5. This substitution request is approved.

Q6. Page 16, XXXI.G, Step Lighting: Goshen Coach steps for the raised floor are incorporated in the main step well so there is not a mini-step which poses a trip hazard. Since all steps are in the main step well we are requesting that no strip light is required for the Goshen Coach buses.

A6. This substitution request is approved.

Q7. Page 22, XLVII, Engine: For the CNG option should the cost of the Ford option 91G be added to the base cost or only the CNG option cost?

A7. All chassis regardless of fuel type shall have Ford Option 91G.

Q8. Page 25/26, LXXV, Warranty: Please accept Goshen Coach warranty of 5 years/100,000 miles on body structural integrity and 3 years/36,000 miles on exterior, wiring, flooring, insulation, etc.

A8. This substitution request is approved.

Q9. Page 25/26, LXXV, Warranty: Please accept Ford's standard powertrain warranty of 5 years/60,000 miles.

A9. This substitution request is approved.

Q10. Page 31, Option #5, Back Up Monitor: Please accept Rear View Safety back up monitor as an equal to ASA. Specifications attached.

A10. This substitution request is approved.

Q11. Page 31, Options #6/#7, ICOM Radio: ICOM F5021 and F6021 are available with or without the LCD display, please advise your preference?

A11. LCD display is to be provided.

Q12. Page 39, Option #22, Bike Rack Parts: Please identify which bike rack parts the dealer must stock? The parts are readily available for the manufacture.

A12. Vendor is to make best effort to ensure parts availability. Back ordered parts are not acceptable.

Q13. In section 6, you specify an ACC TC70 system. The Thermo King SLR 75 system will meet the 75,000 btu requirement with a TM-21 compressor. Will you accept that as an approved equal? Specifications are attached.

A13. This substitution request is approved for Section R – Low Floor Kneeling Bus.

**Clarifications for the Oklahoma Section J MFSAB bid:**

Q14. **I.-Delivery** – Delivery to be within sixty (90) days from receiving chassis. We do not have control of the chassis manufacturer therefore we cannot predict any delays in chassis production. Under normal circumstances we should be able to deliver buses on 120-150 day lead time.

A14. This substitution request is approved.

Q15. **IX.-Drivers Door** – Ford doesn't offer power windows or power locks on a door delete chassis of which is used for the MFSAB.

A15. This substitution request is approved.

Q16. **X.-Running Boards** – We do not recommend bolting the driver's side running board to the body. The front cap/cowl is made of fiberglass. If bolted it will not allow the body to flex and will caused stress fracture cracks. On the previous built units for Oklahoma we stopped the running board just short of the cap/cowl and added extra materials and support for compensation.

A16. This substitution request is approved.

Q17. **XIV.-Modesty Panel** – A padded barrier the width of the first row of seats is required by FMVSS on a MFSAB. No modesty panel is needed. The entrance way on the left side of the entry steps will have an angled handrail and stanchion per your specifications.

A17. This substitution request is approved.

Q18. **XIX-Floor Assembly-** Please accept the FRP floor designed by Supreme. Spec's attached.

A18. This substitution request is approved.

Q19. **XXII- Bumpers** – Romeo Rim doesn't offer an energy absorbing bumper to mount the application of a MFSAB. Our rear bumper is built to the specifications specified to meet Federal School Bus Standards for a Type "A" Bus.

A19. This substitution request is approved.

Q20. **XXIV-Air Conditioning**-Please see attached spec for ACT -50HD system as approved equal.

A20. This substitution request is NOT approved.

Q21. **XXVIII Mirrors**- Velvac does not offer mirrors that work with the crossover mirrors required for MFSAB, so we will be offering the Rosco Heated Power Mirrors.

A21. This substitution request is approved.

Q22. **XXIX Seats**– Supreme does not offer IMMI seats. They have not been tested in the SII MFSAB bus. We offer CE White seats with the ICS. Contoured seats are not available with 36" ICS's. Seat belt extensions are not available with 3pt seats.

A22. This substitution request is approved.

Q23. **XXXI-Lighting**– The LED front marker lights are flush mounted in the front cap.

A23. This substitution request is approved.

Q24. **XL VII- Engine**—CNG prep package is not available on the school bus chassis

A24. This substitution request is approved.

Q25. **LVI-Fuel Capacity** – A 55 gallon fuel tank is not available on a school bus chassis. Max is 40 gallon

A25. This substitution request is approved.

Q26. **LXXII-Radio** – Speakers on a MFSAB must be located 48" behind the furthest point of the driver's seat. Speakers are not allowed in the cab door. The bus comes standard with four (4) speakers in the coach area but additional speakers can be added for an additional cost.

A26. This substitution request is approved.

Q27. We respectfully request approval of our standard passenger entry door with a 30x82" clear opening. We use the A&M door actuator and meet all other requirements of this specification.

A27. This substitution request is approved.

Q28. We respectfully request approval of our standard wheelchair lift doors with a 44 ¾ x 69 ¼" clear opening. Our standard lift door clear opening will accommodate the Braun NL919FIB-2 lift or equal.

A28. This substitution request is NOT approved.

Q29. We respectfully request approval to use rivets with structural steel backers when mounting handrails.

A29. This substitution request is NOT approved.

Q30. We respectfully request approval to use rivets with structural steel backers when mounting stanchions.

A30. This substitution request is NOT approved.

Q31. We respectfully request approval to use rivets with structural steel backers when mounting handrails.

A29. This substitution request is NOT approved.

Q30. We respectfully request approval of our standard entry steps. 12.5" from ground to first step, 8.5" riser, 12" step depth.

A30. This substitution request is approved.

Q31. We respectfully request approval of our standard ¾" 7-ply marine grade plywood. It is designed for rigorous marine use with superior "CP" grade face. All vehicles are undercoated.

A31. This substitution request is approved.

Q32. We respectfully request approval of our adhesive which has been approved by Altro Flooring. We understand your concerns with the installation of the Altro Flooring because of multiple failures from other manufacturers. We have spent a lot of time testing different glues and found that the glue we currently use today works very well in all climates and is manufacturing friendly. The flooring is covered under our limited 5-year/100,000 mile warranty.

A32. This substitution request is approved.

Q33. We respectfully request approval of our carbon steel for strength-primers with marine primer, sealed with sealant, urethane foam & undercoated.

A33. This substitution request is approved for Section P – ADA Minivan only.

Q34. We respectfully request approval of our carbon steel because of the added strength-its properly undercoated and painted.

A34. This substitution request is approved for Section P – ADA Minivan only.

Q35. We respectfully request approval of our modern technology, closed cell foam for insulation.

A35. This substitution request is approved for Section P-ADA Minivan only.

Q36. Page 4 of 44, VII Wheelchair Lift Doors. Please accept wheelchair door opening dimensions of 47.5" wide x 71.5" tall. This opening size is in compliance with ADA requirements and provides ample space for the wheelchair lift and lift platform that is specified.

A36. This substitution request is approved.

Q37. Page 5 of 44, VII Wheelchair Lift Doors. Please accept our standard Stabilus Lift-O-Mat gas spring ILO the A.L. Hansen Type 23 Door Check. The Stabilus Lift-O-Mat gas spring is sized appropriately with 22 lbs of pressure to adequately hold open the wheelchair lift doors. We utilize one on each double wheelchair lift doors.

A37. This substitution request is NOT approved.

Q38. Page 6 of 44, XIV Stanchions, Bullet Point #5. Please accept laminated hard surface modesty panels ILO vinyl padded modesty panels. Laminated hard surface modesty panels provide a surface that is much easier to maintain and clean, and is much more durable than the padded vinyl, which is prone to cuts, tears and other damage.

A38. This substitution request is approved.

Q39. Page 6 of 44, XIV Stanchions, Bullet Point #5. Please accept carpet wrapped modesty panels ILO vinyl padded modesty panels. Carpet wrapped modesty panels are much more durable than the padded vinyl, which is prone to cuts, tears and other damage. Carpet wrapped modesty panels will still provide a soft touch, padded modesty panel, but in a much more durable manner.

A39. This substitution request is approved.

Q40. Page 8 of 44, XIX Floor Assembly. Please accept our 3/4" Tongue & Grooved Marine Grade plywood floor as an approved equal. We utilize high quality Marine Grade plywood supplied by Bluelinx that is treated for moisture resistance to prevent rot. In addition we tongue & groove all of the floor joints glue at each seam, rather than simple butt joints. Our floor is installed on top of an extremely strong and durable framework of 2" x 4" boxed steel floor joists. The entire floor system is thoroughly undercoated for additional protection.

A40. This substitution request is approved.

Q41. Page 8 of 44, XX Slip-Resistant Floor Covering. Please accept Altro Meta Flooring as an approved equal. It would still be Altro flooring that is 2.2 millimeters thick.

A41. This substitution request is approved.

Q42. Page 10 of 44, XXIV Air Conditioning. Please accept the ACC Climate Control, Inc. System #R476021 as Carrier no longer produces a transit bus air conditioning system. This system is a Dual Compressor system that utilizes a skirt mounted condenser (25060) and a rear ceiling mounted evaporator (23047). Combined with the OEM chassis air conditioning system, this system is rated at a total of 87,000 BTU.

A42. This substitution request is NOT approved.

Q43. Page 10 of 44, XXIV Air Conditioning. Please accept the ACT, American Cooling Technology . System #ACT-913/21HD as Carrier no longer produces a transit bus air conditioning system. This system is a Dual Compressor system that utilizes a skirt mounted condenser (CS-3) and a rear ceiling mounted evaporator (EZ-91). Combined with the OEM chassis air conditioning system, this system is rated at a total of 97,000 BTU.

A42. This substitution request is NOT approved.

Q43. Pages 12 & 13 of 44, XXIX Seats/Driver's Seat and Co-Driver's Seat. Please remove the requirement of adjustable lumbar for both seats, as the Ford OEM seats are not equipped with this feature. This would allow us to still utilize the OEM Driver & Co-Pilots seats that are specified.

A43. This substitution request is approved.

Q44. Page 13 of 44, XXIX Seats/Passenger Seats. Please approve Freedman's US Armrest as an acceptable "padded fold up armrest".

A44. This substitution request is approved.

Q45. Pages 14 to 16 of 44, XXXI Lighting. Please accept Kaper II brand LED lights as approved equals to the specific Dialight part numbers listed in the specifications. Kaper II brand LED lights provide all of the required features and are equal in performance to the specific Dialight items noted. In addition, they are DOT approved and meet all applicable FMVSS standards.

A45. This substitution request is approved.

Q46. Page 17 of 44, XXXII Windows/Ventilation Window. Winnebago's Metro Link features a superior ventilation window designed and rigorously tested by Winnebago Industries. This ventilation window is a top horizontal tip-out style ventilation window that features heavy duty gaskets and a positive seal latching mechanism that minimizes water intrusion and noise, and closes flush to the adjacent fixed window. The window is hung/mounted within an aluminum track along the exterior of the vehicle. This window design is easily maintainable and repairable and is rated for years of continuous use. Window glass size for the ventilation window is 35.75" x 7.75".

A46. This substitution request is approved.

Q47. Pages 19 to 20 of 44, XXXVIII Wheelchair Securement. Please accept Q'Straint Q-8306-L2, L-Track system as an approved equal to Q'Straint's Slide N Click system that is specified.

A47. This substitution request is NOT approved.

The following questions are for:

Section I - 24' 12 Passenger Metal Bus

Section L - 24' 15 Passenger Metal Bus

Section N - 26' 20 Passenger Metal Bus

Q48. Page 1, Delivery. Please accept delivery of 90 days from receipt of chassis by the bus manufacturer versus 90 days from issuance of purchase order. Neither the vendor nor the bus manufacturer have control over the chassis manufacturer and their ability to provide product in a timely manner.

A48. This substitution request is approved.

Q49. Page 2, NO PROTOTYPES. We request that there be a change in the specifications making a "B" pillar bus as the standard bus. An "A" pillar bus is standard construction for transit operators in the country and therefore there are more manufactures that build a "A" pillar bus in the market, giving your agency the opportunity to open your market for a better bid submittal. "B" pillar being a standard will limit competition and keep your agency from seeing great proposals from equal if not better manufactures than the ones building "B" pillar buses. We propose a modification to the spec of

"Section I-A" representing an A pillar bus and "Section I-B" for a B pillar bus. This would apply to the products in section I, L, N, K and M of the spec.

A49. This substitution request is NOT approved.

Q50. Page 3, Body Structure. Please allow floor to ceiling height of 75" on buses with a raised floor. Standard floor buses will have a height of 77".

This substitution request is NOT approved.

Q51. Page 3, Body Structure. Please accept aluminum outer skins that are .040" thick.

A51. This substitution request is NOT approved.

Q52. Page 3, Body Structure. Please accept fiberglass outer skins that are .040" thick which is approximately that 1/16". Versus 3/16" thick minimum

A52. This substitution request is NOT approved.

Q53. Page 3, Body Structure. Please accept that a flat sheet of fiberglass will be bent on the sides to connect to the sidewalls. Denial of this request will prevent this and other manufacturers from participating in this procurement.

A53. This substitution request is NOT approved.

Q54. Page 3, Body Structure. Request for waiver on the requirement for added gussets to the body structure. Our bus has passed all 220 testing without gussets or skin. Our construction is the only bus body that has passed the Altoona fitness test with no structural failures and we do not use gussets in our construction. Please consider.

A54. This substitution request is NOT approved.

Q55. Page 3, Body Structure. Please approve our method of not using any backing material behind our .060" body skin. Again our bus has passed all 220 testing without gussets or skin. is the only bus body that has passed the Altoona fitness test with no structural failures and we do not rely on substrates for integrity. Please consider.

A55. This substitution request is NOT approved.

Q56. Page 3, Body Structure. Please approve our method of using our .060" body skin either aluminum or fiberglass. We are not aware of anyone using 3/16" material as a roof or outer vehicle skin. Again our construction is the only bus body that has passed the Altoona fitness test with no structural failures and we do not use 3/16" skin material in our construction. Please consider.

A56. This substitution request is NOT approved.

Q57. Page 4, Doors. Please accept that the front entry door will have a clear opening between open door panels of 32" and 29 1/2" between passenger assist grab handles

A57. This substitution request is approved.



Q58. Page 4, Wheelchair lift doors. Please accept a double lift door opening that is 68" high which meets ADA requirements and 43" wide which is adequate to allow the lift platform to deploy without interference.

A58. This substitution request is NOT approved.

Q59. Page 5, Co-Driver Door. Please delete the requirement for a co-driver door and seat. This will allow for additional seating in the bus and improved curb view for the driver. Denial of this request will prevent this and other manufacturers from participating in this procurement

A59. This substitution request is NOT approved.

Q60. Page 5, Co-Driver Door. Please consider removing the requirement for both power windows and door locks. This requires special order chassis away from vehicle all manufacture vehicle pools, which will delay delivery 6-12 weeks further.

A60. This substitution request is NOT approved.

Q61. Page 5, Handrails. Please allow the overhead grab rails to be secured every 48" versus 24" as specified. Manufacturer guarantees that there will be no flexing or rattling and securement will be into structural steel.

A61. This substitution request is approved.

Q62. Page 7, Stepwell. Please delete the requirement for galvanized stepwell. Stepwell will be steel that has been thoroughly coated to prevent corrosion and will be warranted for 5 years/100,000 miles against rust through.

A62. This substitution request is approved.

Q63. Page 7, Interior. Please allow manufacturer to seal all seams thoroughly against dirt and moisture versus covering with molding. This will provide a cleaner, automotive look

A63. This substitution request is NOT approved.

Q64. Page 8, Floor Assembly. Please accept 3/4" marine grade plywood with aluminum underbelly as equal to Advantech. Advantech adds unneeded cost to the bus and marine grade plywood will remain in tack for the service life of the vehicle.

A64. This substitution request is NOT approved.

Q65. Page 8, Floor Assembly. The floor shall consist of 3/4 inch Marine Tech Plywood with edge undercoating.

A65. This substitution request is approved but flooring MUST be completely undercoated.

Q66. Page 9, Rear Bumper. Request approval to use a SMI rear bumper as approved equal to Romeo Rim rear bumper.

A66. This substitution request is NOT approved.

Q67. Page 12, Mirrors. Please accept Rosco Eurostyle mirrors as equal to Velvac. They will be heated, remote controlled and have turn signals. Additional info provided in file marked XXVII Mirrors.

A67. This substitution request is NOT approved.

Q68. Page 12, Seats. Please accept Freedman Shield Seat as equal to OEM driver seat. Additional information provided in file called XXVIII Seats.

A68. This substitution request is NOT approved.

Q69. Page 14, Seats. Please accept that the aisle width will be 16" when measured from seat cushion but width will be reduced if measured between arm rests.

A69. This substitution request is NOT approved.

Q70. Page 15, Lighting. Please accept Maxima LED lights as equal to Dialight. Dialight fixtures on average cost three times more than Maxima and do not provide superior quality. Maxima will provide same lifetime warranty as Dialight. See warranty statement attached called XXX Lighting.

A70. This substitution request is approved.

Q71. Page 15, Lighting. Request approved equal to use Optronics LED lighting as approved equal to Dialight. Optronics holds a better lifetime guarantee than Dialight and is under half the cost.

A71. This substitution request is approved.

Q72. Page 15, Lighting. Please remove the requirement for a strip light on the top riser in the stepwell. This requirement is typically only made when the top step is inside the bus at the front aisle. The top riser in these buses will be in the step well and so will be adequately lighted by the stepwell lights.

A72. This substitution request is approved.

Q73. Page 16, Electrical Wiring. Please accept that wires on the inside of the bus will not be environmentally sealed. This is not necessary for wires that are not exposed to the weather.

A73. This substitution request is approved.

Q74. Page 16, Electrical Wiring. Please accept that there will be a few butt connectors in the bus but they will be used sparingly.

A74. This substitution request is NOT approved.

Q75. Page 16, Electrical Wiring. Please accept that wires will be color and function coded but they will not be numbered. Function coding has replaced numbering.

A75. This substitution request is approved.

Q76. Page 20, Wheelchair Securement. Clarification: 24' 12 passenger front lift metal and 26' 20 passenger front lift metal only - correction: Spec says tie down locations are to be in the rear of the bus, one beside the other. The floor plan shows a front lift bus with tie downs nose to tail behind driver seat.

A76. This substitution request is approved. Spec is revised to remove the last sentence.

Q77. Page 23, Fuel Pump Access Door. Request to delete the spec that requires the access door to be centered over fuel pump to allow easy removal. Due to a Ford redesign the pump is now located in such a way that it is no longer possible to center the door above it because a chassis cross member is over the pump.

A77. This substitution request is NOT approved.

Q78. Page 25, Radio. Please approve aftermarket AM/FM/CD radio by Sony to be equal to chassis radio with Kicker KS speakers. Radio will be mounted in factory radio location in dash.

A78. This substitution request is NOT approved.

Q79. Page 25, Radio. Please accept Magnadyne 5" speakers in the passenger cabin as equal to Kickers KS series.

A79. This substitution request is NOT approved.

Q80. Page 25, Warranty. Please approve manufacturer's standard limited warranty of 3 years/36K miles for bus body and 6 years/72K miles for structural components. We feel the limited warranty should not be longer for the body than it is for the chassis

A80. This substitution request is NOT approved.

Q81. Page 29, Option 1-J. Please confirm that your requirements for the installer refers to the manufacturers authorized/licensed installer.

A81. This substitution request is NOT approved. System must be installed by an Ford approved QVM and must be installed by the system manufacturer.

Q82. Page 29, Option 2. CNG BI-FUEL systems are not CARB certified you will accept an EPA certificate.

A82. This substitution request is approved.

Q83. Page 30, Option 2-G. Please accept a 20 GGE capacity due to area constraints of leaving the OEM Fuel system in place.

A83. This substitution request is approved.

Q84. Page 30, Option 4. Please accept an ICOM North America EPA Certified System for this option. Roush at this time does not offer a dual fuel propane system.

A84. This substitution request is approved.

Q85. Page34, Option 21. Spec calls for spectrum destination signs that are too big to fit our available space on the front cap and in the side window. I have contacted Luminator/Twinvision and they have a spectrum multicolor signs with a display area of 41.1" wide by 4.31" tall for the front and 24.09 wide by 2.79 for the side. We would ask that these sized signs be allowed as equals.

A85. This substitution request is NOT approved.

Q86. Page 34, Option 21. Request to use Hannover Displays as an approved equal to Twin Vision. Hannover has the best warranty in the business of 10 years, has a required distributor no hassle replacement inventory standard, is free to program, and operator friendlier than Twin Vision.

A86. This substitution request is approved.

Q87. Page 38, Option 22. Please accept that, per Sportworks, the Veloporter 2 bike rack will not meet the spec regarding the steel frame. To quote Kat Anthony from Sportworks " 1. We cannot comply with the metal being requested on the spec. For a V2 rack, the tube that comprises all of the V2 frame is .083" wall: 8522 - Tube, Round, 1.25 x .083, T304 Stainless, Orn Unpol, ASTM A554 (test reports required)"

A87. This substitution request is approved.

Q88. Please accept the Challenger Door which has gas struts in lieu of top mounted spring. The gas strut is a standard application in the bus industry and has worked very well.

A88. This substitution request is NOT approved.

Q89. Please accept the standard Turtle Top control panel which is located above drivers head near rear view mirror.

A89. This substitution request is approved.

Q90. Turtle Top does not offer the Carrier System specified as Carrier is out of business and new company is MCC. Turtle Top can meet the specifications with ACT (American Cooling Technology) systems. Please advise is this is permissible.

A90. This substitution request is NOT approved.

Q91. Please accept Optronics lighting as a equivalent to Dialight.

A91. This substitution request is approved.

The following questions are for:

#### Section Q – ADA Purpose Built Low Floor Vehicle

Q92. Respectfully request the requirement for all lighting to be LED be removed. Please note that the MV-1 is a mass-produced OEM vehicle and, while there are a number of LED lights incorporated into the vehicle, there are some incandescent bulbs.

A92. This substitution request is approved.

Q93. Respectfully request approval of the MV-1's standard interior rear view mirror, which has a manual day/night switch.

A93. This substitution request is approved.

Q94. Wish to clarify that the MV-1 is designed so that the interior overhead, and access door ramp lights illuminate when any door is ajar. Additionally, when the right-rear door is ajar, an audible tone sounds when the brake is depressed and the vehicle cannot be shifted out of park. In vehicles equipped with the power ramp, the ramp override light also flashes with the audible tone.

A94. This substitution request is approved.

Q95. Respectfully request approval of the MV-1's standard OEM warranty:

Bumper to Bumper: 3 years / 36,000 miles; Powertrain: 3 years / 36,000 miles; Rust-Through: 3 years / 36,000 miles; Emissions: As mandated (Federal and State); Ramp: 3 years / 36,000 miles; 24/7 Roadside Assistance: 3 years / 36,000 miles

A95. This substitution request is approved.

Q96. Wish to clarify that the MV-1 Purpose-Built Mobility Vehicle is designed with one (1) ADA compliant wheelchair position. While the MV-1 does have multiple tracks and shoulder belt points to accommodate a variety of mobility aids and/or situations, which makes it possible to secure two "normal sized" manual wheelchairs, Mobility Ventures LLC does not market it as having two wheelchair positions as many mobility aids are large enough to preclude a second mobility aid. Please approve the MV-1 floor plans submitted herewith as Exhibit "A".

A96. This substitution request is approved.

Q97. Request approval of the MV-1's standard ramps; both the base manual ramp and optional power ramp. Please note that the MV-1 was designed to meet or exceed all applicable ADA requirements but does not include a bright yellow finish on the boarding edge of the ramp or the door threshold.

A97. This substitution request is approved.

Q98. Request approval of the MV-1's standard ramp which is rated at 660 lbs, with a safety factor of at least three (3).

A98. This substitution request is approved.

**The following questions are for:**

**Section R – Low Floor Kneeling ADA Cutaway Bus**

Q99. Please allow the use of a Ford E450 for this procurement. You have an option for a CNG conversion and Ford is the only chassis that offers a CNG Gaseous Prep option. This option is not offered on the GM chassis and any CNG conversions done on the GM chassis will potentially void the GM engine warranty if the CNG conversion is found to be at fault. Changing heads after the fact will also void the GM engine warranty.

A99. This substitution request is NOT approved.

Q100. Please accept an exterior body width of 102" wide as this offers the operator and passengers more interior room for maneuverability and offers the only truly random access vehicle on the market.

A100. This substitution request is NOT approved.

Q101. Please change the ISO requirement to be ISO 9001:2008 as this is the most current ISO standard certification.

A101. This substitution request is approved.

Q102. Please accept an exterior body width of 102" wide as this offers the operator and passengers more interior room for maneuverability and offers the only truly random access vehicle on the market.

A102. This substitution request is NOT approved.

Q103. Please allow the use of a Ford OEM 225 amp alternator. This is a chassis OEM alternator and requires no body manufacturer modification and is covered under the standard Ford warranty.

A103. This substitution request is approved.

Q104. Please accept a single T-slider window. See attached picture. With fewer sliders in the windows, this minimizes the chances of the windows leaking.

A104. This substitution request is approved.

Q105. Please accept that while our buses have not been side impacted tested, we have had an independent rollover and crash test performed by FSU. See attached report.

A105. This substitution request is NOT approved.

Q106. Please accept a structure that is welded together and doesn't rely on caulk to hold the structure together. See attached typical structure drawing.

A106. This substitution request is NOT approved.

Q107. Please accept a flat back rear end that has the lights installed in the backwall. See attached picture.

A107. This substitution request is approved.

Q108. Please clarify if this roof liner is the interior or exterior roof liner. If exterior please accept a one piece composite material, but not a molded fiberglass piece. If interior, please accept FRP panels that are the full width of the vehicle and 48" wide. This permits easier access and replacement further down the road in case there is damage.

A108. This substitution request is NOT approved.

Q109. Please clarify that there isn't a section 14 that is required.

A109. There is no Section 14 for this vehicle.

Q110. Please allow the use of one Intellicsync heavy duty electric air compressors specifically engineered and designed for a bus application. See attached specifications.

A110. This substitution request is NOT approved.

Q111. Please accept that the bus will fully kneel when the door is opened. This allows for easier passenger entry even when the ramp is not deployed.

A111. This substitution request is approved.

Q112. Please allow the use of the Braun ramp that has a coated chain that eliminates any pinch points. We have found that this type of ramp to be more reliable.

A112. This substitution request is NOT approved.

Q113. Please clarify if the agency is requesting slide and click tiedowns or track. In this section the specification refers to floor mounted pucks, but in section 18.3 it refers to L-track.

A113. Slide and Click wheelchair securement shall be used.

Q114. Please allow the use of our standard undercoating in lieu of the poly urea for the coating on the bottom of the plywood. See attached specifications.

A114. This substitution request is NOT approved.

Q115. Please allow the use of GerFloor as a floor covering in lieu of the poly urea floor covering. This serves the same purpose and is easier to replace in the case of damage. It doesn't require special spray equipment to replace. See attached specifications.

A115. This substitution request is approved.

Q116. Please accept a structure that is welded together and doesn't rely on caulk to hold the structure together. See attached typical structure drawing.

A116. This substitution request is NOT approved.

Q117. Please approve that you will only accept a CNG package that is on a Ford chassis that is ordered from Ford with the Gaseous Prep option as this is the only option that will allow the chassis OEM engine warranty to stay intact. Any aftermarket changes to the heads and manifolds will void the GM engine warranty.

A117. This substitution request is NOT approved.

Q118. Request for clarification, as the auxiliary battery pull out tray is provided by Arboc as part of the body upfit and not part of the GM 4500 chassis.

A118. This substitution request is approved.

Q119. Arboc heater hoses are connected underneath the floor and are routed beneath the engine compartment, not through the fire wall, for manufacturability and serviceability in the field. Connections made above the floor and through the fire wall would be a non standard design and production process. Please approve the use of under floor and under engine compartment (not through fire wall) hose connections.

A119. This substitution request is approved.

Q120. Arboc offers the Velvac 2020 SS Shuttle Bus Mirror and the 2020 SG is not available on Arboc. Please approve the Velvac 2020 SS.

A120. This substitution request is approved.

Q121. 18.2 and 18.3 contradict each other. Please clarify.

A121. Slide and Click wheelchair securement shall be used.

Q122. 20.3 and 20.4 contradict each other. Please clarify. Arboc applies Poly-Urea with a material thickness of 40 mils. Please approve.

A122. This substitution request is approved.

Q123. Please clarify if the black area is the window frame only, or if the area also includes black paint on the fiberglass exterior wall around the window trim – also known as black out windows.

A123. Please provide Black Out windows.

Q124. A GM 4500 OEM AM/FM/CD radio requires a special chassis purchase outside what is normally ordered for the Arboc chassis pool. This will create longer chassis leads and higher costs for the AM/FM/CD radio. Please approve the use of REI CD-2000.

A124. This substitution request is NOT approved.

Q125. The Arboc warranty for LED lighting is consistent with the electrical system 3 years/36000 miles. Please approve 3 years/36000 miles for the LED lights.

A125. This substitution request is approved.

Q126. We are not familiar with the Arrow Stik light bar. Please provide a manufacturer and model #.

A126. Whelen TAL 85. 8 lamp LED, flat style housing, 2 7/8" H x 2 1/4" W x 46 7/8" L.

Q127. Request approval to substitute REI Mobile Video Surveillance Systems.

A127. This substitution request is approved.

The following question is for Section P – ADA Minivan

Q128. Please accept that the ElDorado National Amerivan has a floor drop of 14 inches to meet the door opening spec of 56 inches.

A128. . This substitution request is approved.