



METROPOLITAN WASHINGTON
AIRPORTS AUTHORITY

RFP 1-06-C076
Low Floor Diesel Powered Passenger Shuttle Buses
for
Washington Dulles International Airport

Questions and Answers

1. Question: Section VI - Special Provisions, Page Section VI-1, Paragraph E. EIDorado National wishes to clarify to the Authority that this Procurement and bid is not applicable to a "school bus". We request approval of this deviation.

Answer: The offeror should check yes or no for each jurisdiction. A check in the "yes" column denotes a desire to authorize extension of this Contract to that jurisdiction..

2. Question: Attachment 01, Section 1.5 Warranty, Page 3, EIDorado National requests approval to warrant the engine and components for "five years/300,000 miles" in keeping with the engine manufacturer's warranty.

Answer: The Authority does not evaluate and pre-approve deviations to the Specifications prior to submittal of proposals. Deviations to the Specifications should be noted as an exception. The offeror should clearly demonstrate how the substitution meets or exceeds the specification.

3. Question: Attachment 01, Section 2.1 Bus Configuration and Dimensional Units, Page 4, paragraph H.3., EIDorado National requests approval to provide a floor height dimension of 17 3/8 inches.

Answer: See Response to Question 2.

4. Question: Attachment 01, Section 2.1 Bus Configuration and Dimensional Units, Page 4, paragraph J. Turning Radius, EIDorado National request approval of our E-Z Rider II 30' turning radius of 32.4 feet.

Answer: See Response to Question 2.

5. Question: Attachment 01, Section 2.2 Vehicle Under-Structure, paragraph D., Page 5, EIDorado National requests approval to provide PPG CRE-904 primer and PPG Corashield 8071.

Answer: See Response to Question 2.

6. Question: Attachment 01, Section 2.3 Body Structure Construction, paragraph D., page 6, EIDorado National requests approval of our exterior roof panel which is a "two-piece, non-seamless" design.

Answer: See Response to Question 2.

7. Question: Attachment 01, Section 2.4 Floor Construction, paragraph A.1., page 6, EIDorado National requests approval to provide the Altro Safety Flooring which is a "single seam" vinyl floor material.

Answer: See Response to Question 2.

8. Question: Attachment 01, Section 2.4 Floor Construction, paragraph A.1., page 6, EIDorado National requests approval to provide the Altro Safety Flooring with a thickness of 0.1063 inches.

Answer: See Response to Question 2.

9. Question: Attachment 01, Section 2.4 Floor Construction, paragraph A.1., page 6, EIDorado National requests approval to provide the edge trim in anodized aluminum.

Answer: See Response to Question 2.

10. Question: Attachment 01, Section 2.5 Doorway Construction, paragraph A.1., page 8, EIDorado National request approval of our door panels that provide a clearance of 78.5 inches.

Answer: See Response to Question 2.

11. Question: Attachment 01, Section 3.1 Engine, paragraph A., page 9 EIDorado National requests approval to provide an engine that will meet the 2007 emissions which must include a diesel oxidation catalyst and a regen-particulate filter. This is a requirement on the Cummins 2007 diesel engine products.

Answer: See Response to Question 2.

With consideration to the timeframe of the solicitation, the Authority is expecting a year 2007 manufacturing and delivery schedule for the buses. Therefore; all buses shall be equipped with 2007 model year tier 4 emissions EPA certified diesel engines.

12. Question: Attachment 01, Section 3.3 Fuel and Exhaust System, paragraph B., page 10, same request for approval as in ENC REQUEST #11.

Answer: See Response to Question 2.

13. Question: Attachment 01, Section 3.6 Steering System, page 11, same request for approval as in ENC REQUEST #4.

Answer: See Response to Question 2.

14. Question: Attachment 01, Section 3.7 Suspension System, paragraph A.1., page 11, EIDorado National advises that Arvin-Meritor has replaced the FF946 with the Arvin-Meritor MFS-13. We request approval to provide the Arvin-Meritor MFS-13 front steer axle.

Answer: See Response to Question 2.

15. Question: Attachment 01, Section 3.7 Suspension System, paragraph A.1., page 11, EIDorado National requests approval of our standard design which is one single front leveling valve and dual rear leveling valves. Secondly, we utilize a "panhard rod" in lieu of a stabilizer bar.

Answer: See Response to Question 2.

16. Question: Attachment 01, Section 3.7 Suspension System, paragraph A.2., page 11, EIDorado National requests approval of our standard design which consists of two(2) air bellows and "panhard rod" with regards to the rear axle.
- Answer: See Response to Question 2.**
17. Question: Attachment 01, Section 3.7 Suspension System, paragraph B., page 11, EIDorado National requests approval to provide wheels that are 7.50 x 22.5.
- Answer: See Response to Question 2.**
18. Question: Attachment 01, Section 4.1 Wiring, paragraph E.1., EIDorado National requests approval to provide our main electrical panel which is located below the driver's window, outside the vehicle.
- Answer: See Response to Question 2.**
19. Question: Attachment 01, Section 4.2 Lights, Lamps, and Signals, paragraph A., page 13, EIDorado National requests approval of our clearance marker and I.D. lights in the configuration as: front cap series 45, flush mounted, all others are series 15, surface mounted.
- Answer: See Response to Question 2.**
20. Question: Attachment 01, Section 4.2 Lights, Lamps, and Signals, paragraph G., page 14, EIDorado National requests approval to provide and install Luminator brand surface mounted LED type interior step well lamps.
- Answer: See Response to Question 2.**
21. Question: Attachment 01, Section 6.4 Seating Configuration, paragraph A.1., EIDorado National requests approval to provide the bench seat height from the floor to the front top edge of the seat cushion a 20.5 to 21 inches in lieu of the stated 16 to 19 inches.
- Answer: See Response to Question 2.**
22. Question: Attachment 01, Section 7.1 Paint Scheme, paragraph B., page 18, EIDorado National requests approval to provide PPG Delfleet FDGU paint which is a 2.8 VOC polyurethane enamel designed to provide an extremely durable, high gloss finish.
- Answer: See Response to Question 2.**
23. Question: Attachment 01, Section 9.1 Maintenance Manuals, ENTIRE SECTION, pages 20/21, EIDorado National requests approval to provide our STANDARD manual offering. Samples will be provided for review by the Authority.
- Answer: The Authority requests samples of the standard maintenance manual, training program and spare parts inventory. The successful offeror will be required to provide these items customized for the vehicles received.**
24. Question: Attachment 01, Section 9.3 Replacement Parts, paragraph A., page 22, EIDorado National advises that it will supply "in-stock" components within 72 hours and will make every effort to supply "out-of-stock" components as quickly as possible as we cannot control the timeframe/deliveries from vendors and suppliers.

Answer: See Response to Question 2.

25. Question: Attachment 01, Section 9.3 Replacement Parts, paragraph B. 1., page 22, same request for approval as in ENC REQUEST #22.

Answer: See Response to Question 2.

26. Question: Clarify the wheel chair restraint system required

Answer: The wheel chair restraint system required is the American Seating, Q Straint, QRT Standard model.

27. Question: Clarify the passenger signal system required

Answer: The requirement for the passenger signal system would be a standard "Pull Cord" system running the length of the passenger seating area on both sides of the bus as well as an electronic switch that is easily accessible to any ADA passenger that is seated within the ADA restrained passenger area. This system shall incorporate and audible signal as well as a warning light in the driver's compartment.

28. Question: EIDorado National requests confirmation that a "kneeling front suspension system" is required. Under Section 3.7 Suspension System, Attachment 01 - Page 11, there is no call-out under paragraph A. The only call-out referring to kneeling is found in Section 2.1, Attachment 01 - Page 4, item E. and F.

Answer: Yes, a kneeling front suspension is required.

29. Question: Section V-4 PRE-AWARD SURVEY & Section VII-1 INSPECTION OF SUPPLIES: Is the contractor responsible for transportation, meals & accommodation of Authority employees at Contractor's facility during on-site inspections or survey and if yes, for how many employees and for what length of time?

Answer: No, the Authority will assume the expenses for travel of its employees for any visits to the Contractor's facility.

30. Question: Attachment 01, page 17 Section 6.4 A 5: All seat coverings shall be "Firth". Could you clarify the "Firth" brand as we are not familiar with it?

Answer: All seat coverings shall be Holdsworth #WW/F22642 or Authority approved equivalent which is easily cleaned and representative of Washington Dulles International Airport color schemes. Final selection shall be approved in writing by the Authority

31. Question: Attachment 01, page 18 Section 7.1 B: Could you provide more information on dimensions and quantity for costing purposes on the lettering, striping and signing requirements?

Answer: Please see the attached pictures for examples of lettering, striping, and signing. The dimensions will be proportionate with the paint scheme approved by the Authority.

32. Question: MWAA allows billing no more than once per month we would require billing upon completion of each bus.

Answer: The Authority will accept a separate invoice for each vehicle.

33. Question: Insurance we do not carry Professional Liability, Environmental Impairment Liability or All Risk Property Insurance as required. Our limits are lower on the General Liability than required by MWAA. Would you consider something other than what is listed?

Answer: The offeror should request a waiver of this requirement and include this item in the price proposal envelope.

34. Question: Upon delivery, we are required to change all fluids, filters and make adjustments as needed if drive the bus. Is this a firm requirement?

Answer: Upon delivery it is required that the following fluids and filters be changed as well as making any needed adjustments to the bus after the initial drive period, oil fluid and oil filter, fuel filter(s), coolant filter, air filter.

35. Question: Rear door clearance of 48 ours is 34.

Answer: See Response to Question 2.

36. Question: Floor construction shown as critical and no exceptions allowed $\frac{3}{4}$ marine grade plywood even if we went back to plywood ours was $\frac{5}{8}$. Does not state or AE. Our standard is Space Age composite flooring with a lifetime warranty. This far exceeds a plywood floor.

Answer: See Response to Question 2.

37. Question: Passenger Windows Atwood Mobile Products Nex Gen windows flush mounted and bonded. Will the customer accept a different supplier and not flush mounted or bonded?

Answer: See Response to Question 2.

38. Question: Engine they request ISL rated at 280 hp. The OPUS bus is equipped with an ISB02 245 HP engine.

Answer: See Response to Question 2.

39. Question: Transmission they request a B400R. The match for the ISB02 245HP engine is the B300R.

Answer: See Response to Question 2.

40. Question: Wheels & Tires 8.25 x 22.5 polished aluminum Alcoa Dura Bright. The OPUS is equipped with 19.5 X 7.5 and the wheels are Alcoa brushed aluminum

Answer: See Response to Question 2.

41. Question: Passenger Seating minimum capacity of 25 with perimeter seating. Our perimeter seating with double doors would 20.

Answer: See Response to Question 2.

42. Question: Certify in writing of factory-authorized representatives, service facilities, and certified mechanics for the chassis, body and powertrain are available within a 100 mile radius of Dulles Airport. We Optima sells direct from our factory in Wichita, KS. We would contract to a suitable subcontractor for service and or warranty the vehicles directly to the end user.

Answer: The Offeror is required to indicate who the authorized representative is in this area.

43. Question: EIDorado National requests confirmation that the items called out for the "Offeror" to provide to the Authority under Sections 9.1,9.2, and 9.3 are required by the bidder to whom this contract is awarded, and not supplied at the time the bid is submitted.

Answer: See response to Question #23.

44. Question: EIDorado National requests clarification as to the location within the specifications to stated Exhibit J (Authority's Invoice Attachment Form) as called out in Section VII-14, under Section 19 BILLING INSTRUCTIONS.

Answer: Exhibit J is only required when there is an LDBE participation requirement. This RFP has a 0% LDBE participation requirement. No Exhibit J is required to be submitted with the invoices.

45. Question: 2.4 B.1. The proposed bus has front and rear wheel housings fabricated from composite material that meets the APTA Standard Bus Procurement Guidelines for impact protection (Section 5.4.2.7.2). the composite wheel housings are corrosion proof and provide additional sound and thermal insulation for the passenger compartment. Fro additional protection a stainless steel wheel liner is also provided.

Answer: See Response to Question 2.

46. Question: 2.4. B. The proposed bus is equipped with a Ricon FR2SS flip out ramp located at the entrance door. The Ricon ramp is full ADA compliant and meets the minimum load requirements specified. The ramp measures 30 x 43 inches, the shorter length allowable due to the low entry height of the proposed bus: 13 inches at ride height and 10 inches kneeled. The ramp is interlocked so that the bus cannot move with the ramp deployed.

Answer: See Response to Question 2.

47. Question: 3.1 A. The proposed bus is equipped with a Cummins ISB rear mounted T-drive diesel engine rated at 275 hp and 660 ft lbs torque. In the 30 ft bus this will provide excellent performance and fuel economy. The engine will be fitted with an oxidation catalyst to further reduce emissions.

Answer: See Response to Question 2.

48. Question: 3.5 The proposed bus is equipped with a Bendix AD-IS air drier that has an integral air governor, integral purge tank, integral system check valves and an easily replaceable spin-on desicant filter. The AD-IS eliminates excess plumbing in the pneumatic system, simplifies installation and does not overtax the system during purge cycles.

Answer: See Response to Question 2.

49. Question: 3.7 A.1. The proposed bus is equipped with Meritor independent front suspension, rated at 10,000 lbs. The Meritor IFS provides superior ride and handling characteristics compared to a solid beam axle, reduces the turning radius and reduces un-sprung weight on the bus.

Answer: See Response to Question 2.

50. Question: 3.7 A.2 The proposed bus is equipped with an air spring tailing beam rear suspension with one rolling loobe air spring per side and leveling valves to maintain correct ride height. A lateral tracking arm provides axle alignment and Koni shock absorbers are standard equipment.
- Answer: See Response to Question 2.**
51. Question: 3.7 B The proposed bus is equipped with 265/70R19.5 inch tires and 19.5 inch Alcoa polished aluminum wheels. The smaller size provides improved maneuverability, reduces unsprung weight and makes the bus easier to steer.
- Answer: See Response to Question 2.**
52. Question: 4.1 E.1. The main electrical panel on the proposed bus is located behind the right inside front dash panel and is easily accessible for servicing.
- Answer: See Response to Question 2.**
53. Question: 4.3 B. The proposed bus is equipped with an air cooled 24 volt 300 amp Niehoff belt driven alternator. the Niehoff alternator exceeds the specification requirements and eliminates external oil lines that can become damaged or leak.
- Answer: See Response to Question 2.**
54. Question: 4.3 D. Please clarify which PA system is required: the DR600 or the DR 500C+.
- Answer: The PA system is required to operate utilizing the Digital Recorder DR600 system.**
55. Question: 7.1 B. The proposed bus would be painted using a high solids, low VOC polyurethane enamel provided by PPG in the Authority's chosen color.
- Answer: See Response to Question 2.**
56. Question: EIDorado National requests clarification with regards to page III-1 of 1, SCHEDULE, under BASIS OF EVALUATION, where is Section X, on Attachment 02 Evaluation Criteria?
- Answer: The Evaluation Criteria can be found in Section VIII – Attachment 02.**
57. Question: Contract Award -- EIDorado National requests clarification as to how the long the bid is to be held and the timeframe for an award.
- Answer: The Authority makes every effort to complete the process in 30 days. However, there are situations and conditions that arise in the evaluation process that can extend this process. The Solicitation Offer and Award requires the offer to be valid for a period of 60 days.**
58. Question: Please clarify door widths. Page 4 requires the rear door to be 48 inches to 56 inches (clear opening). On page 7, #2.5, A., 1. The specification calls for a doorway width of 35 inches.
- Answer: Both front and rear passenger doors should provide a minimum of 35 inches clearance when completely opened.**

59. Question: Will the MWAA accept a one (1) door D30LF (Diesel 30' Low Floor) coach configuration? A two (2) door 30' bus is something we cannot provide.

Answer: The Authority requirements for both front and rear doors remain unchanged.

60. Question: Will you accept a bid for an alternate bus? The Champion EZ-Trans is a low floor, 102" wide, rear wheel drive bus on an International Chassis with one passenger door. The GVWR is 25500. This unit is equipped with a ramp not a lift and Altoona tested for 10 years opposed to 12-15 as specified.

Although there are differences, the EZ-Trans will offer great savings in the initial price and fuel economy.

Answer: The Authority requirements remain unchanged.

Example Pictures for Lettering, Striping and Signing





