

**Pee Dee Regional Transportation Authority
Purchasing Department
Amendment of Solicitation /Modification-Purchase Order**

<u>AMENDMENT/MODIFICATION NO.</u>	<u>EFFECTIVE DATE</u>	<u>AGENCY/LOCATION</u>
1	9/22/2011	PDRTA/Florence, SC

<u>ISSUED BY:</u> Pee Dee Regional Transportation Authority Purchasing Department 313 Stadium Road Florence, SC 29506	<u>ADMINISTERED BY:</u> Sandy Garris Purchasing Manager
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<u>CONTRACTOR NAME & ADDRESS:</u>	<u>Amendment of:</u> IFB# 1010-01 14 Passenger Hybrid Electric E450 Cutaways
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THIS BLOCK APPLIES ONLY TO AMENDMENTS OF SOLICITATIONS

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

This is amendment is to answer questions received from a potential offeror:

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

The changes set below are made to the above numbered order.

DESCRIPTION OF AMENDMENT/MODIFICATION:

- Question:** Page 43-Vehicle Classes Chart. Where is the rear lift located?
Answer: The side curb rear.
- Question:** Page 44, Section 3.c. Can an upgraded 345 volt, 6.8Ah, Lithium Ion battery be accepted as an approved equal to the Nickel Metal Hydride pack.
Answer: Yes, this is an upgrade on the Azure Systems.
- Question:** Page 44, Section 8. Is cruise control available on a hybrid chassis?
Answer: Cruise control is not available on a hybrid chassis. Please remove this section.
- Question:** Page 44, Section 11. Does PDRTA want a Romeo Rim, Help Bumper?
Answer: No - Please take òRomeo Rim, Help Bumperö out of this section.
Please add Hawk-reverse assistance system or approved equal.

5. **Question:** Page 45, Section 14.b ó Will a Fast **idle** work with a hybrid?
Answer: No.
Please add to section 14.b: Behind the OEM the charging system will have to maintain 12.5 volts under all conditions.
Please remove the following from Section 14.b: A fast idle system equal to Intermotive Gateway shall be installed. The fast idle system must be able to automatically increase the engine speed to 1,500 RPM on gas engines. The fast idle shall engage only when the vehicle is in Park and the vehicle is not in motion (must sense vehicle movement) and activate when vehicle voltage drops below 12.5 volts, the chassis A/C is commanded on, or when the coach A/C (non OEM) system is turned on. A manual switch/button shall be located convenient to the driver to engage the system when the vehicle is in Park and vehicle is not in motion, as described above.
6. **Question:** Page 46, Section 14.d/e ó BATTERIES: Section d states the chassis OEM batteries are to be installed as per the electric hybrid manufacturer's instructions and body builders guide ó Section c asks for a sliding battery tray. The hybrid system cannot accommodate a sliding tray due to lack of space (the high voltage battery is installed where the tray is to be installed) ó does section d eliminate (over rule) the requirements in section e.
Answer: Please make the following change to Section 14.d:
Each vehicle shall have two maximum capacity chassis OEM batteries of equal capacity and rating. One battery shall be installed in an easily accessible tray on the outside of the frame rail with an access door and the other shall remain in the OEM engine compartment location. Provisions shall be made to charge the auxiliary battery from the engine alternator. Battery cables installed in place of chassis manufacturer's battery cables shall be a continuous run and sized to match the electrical systems maximum current draw. The vehicle shall be equipped with a storage battery electrical power main disconnect switch. The disconnect switch shall be labeled in red lettering óBattery Disconnect, Emergency Use Onlyö. Hybrid vehicles require that the two OEM batteries supplied with the chassis be installed as per the electric hybrid manufacturer's instructions and body builder's guide.

Remove Section 14.e from IFB.
7. **Question:** Page 48, Section 20 ó SEATING: Will PDRTA accept minimum level #1 vinyl (36 oz per running yard).
Answer: This is an acceptable recommendation.
8. **Question:** Page 50, Section 20k-Driver Seat
The IFB states that the vehicle to be equipped with Freedman Sport adjustable bucket seat with right hand armrest. This will require a power seat base will the Freedman Shield Recliner seat be accepted an approved equal?
Answer: Yes
9. **Question:** Page 50, Section 21-FLOORS Please add the following;
Answer: The floor shall be a raised floor
10. **Question:** Page 50 Section 22 ó REAR EMERGENCY WINDOW: Does PDRTA want a rear emergency window or a rear emergency door?
Answer: A rear emergency door. Change Section 22 to read as follows: óThe rear emergency door shall be large enough so that in conjunction with the rear view mirrors, blind spots are not created.ö Seat backs shall not intrude in required emergency exit door openings. Low back seats shall be used on rear wall when raised floor option is chosen. Please add the following: There shall be glass at the top of the rear door (no glass at the bottom rear door shall include emergency exit

functionality). The window shall accommodate the egress of disabled persons and meet FMVSS requirements.

11. **Question:** Should an exception be made for the following?
Page 52, Section 32 UNDERCOATING: Need exception to undercoating requirement stating no undercoating shall be applied to the High Voltage Battery, Traction Motor, High Voltage Controllers, DC/DC Converters, High Voltage Air Conditioning Drive System, or any High Voltage Cables/Wiring. Please see revision below:
Answer: Please reword section 32 as stated below:
The entire underside of the body including floor members, side panels below floor level (if metal), and fender wells shall be undercoated, with the exception of the Hybrid Drive System at the time of manufacture, with a nonflammable resin type polyolefin or equivalent equal to Tectyl 12-LV or BASF Degacoat for bus applications. All openings in the floorboards and firewall shall be sealed
12. **Question:** Page 51, Section 25 MODESTY PANELS, STANCHION AND HANDRAILS. The lower 30% portion shall be constructed of a gray Formica laminate or equal, with plastic edge molding, the color to match the interior. The manufacturer uses modesty panels that are covered with padded vinyl (medium gray color) in place of Formica. Will PDRTA accept the manufacturer's standards?
Answer: This is an acceptable recommendation.
13. **Question:** Page 52 Section 28: WINDOWS All window, except the windshield, rear and doors, shall be egress transit type or a top T-slide panel type, a minimum of 860 square inches. As Specified 24" wide windows can be used resulting in dead space of up to 10 inches in between each. Please consider upgrading spec to require 1224 square inches resulting in a 36" wide window and less than 1 inch dead space in between each window.
Answer: This is an acceptable recommendation
14. Page 53 Section: 35 AIR CONDITIONING. This section should read as follows:
All vehicles require an OEM integral front air conditioner and an auxiliary rear air conditioner. Rear systems shall be completely independent of the front system, and sized as follows; Gasoline vehicles require auxiliary systems capable of producing a minimum 70,000 BTU equal to or better than Trans/Air TA 73 Evaporator, SMC3L Condenser, 13 CID Compressor or ACT 50 HD compressor, EZ-5 Evaporator, with 13 CID compressor and CF 32 condenser or Carrier model AC- 813MAX system comprised of a 13 cid compressor, EM- 1 Evaporator and CM- 3 Condenser or ACT-532HD using, EZ-5 evaporator, with 13 CID compressor and CS-32 condenser. Additional A/C systems from manufacturers not listed that meet the above requirements shall be listed as an option. No tie in A/C systems will be allowed.
 - a) All compressor installations must be completed with mounting hardware warranted and supported by the A/C manufacturer, and done without affecting the performance of OEM cooling system, including fan shroud. All controls for both air conditioners shall be located for ready access by the driver. Cooling shall be specified in BTU at 100° F. ambient temperature.
15. Page 54 Section 34- HEATER: This section should read as follows:
Each vehicle shall have a front mounted integral high output heater and a rear floor high output auxiliary heater mounted behind the rear wheel housing or under a rear seat. The rear heater shall be equipped with two brass ¼ turn valves that are clearly marked on the outside of the bus as to its location. The valves shall be located below or behind the driver's entry step well. The total output of the auxiliary heater system shall not be less than 35,000 BTU.
16. Page 54 Section 35-MOBILITY AID LIFT: This section should read as follows:
At buyer's option, a Braun Millennium 2 (NL919IB, 34" x 51") will be installed in front of the

rear axle or behind the rear axle at the purchaser's option and without additional charge. Lifts installed in the rear position will have front pumps for ease of service. The lift shall incorporate a positive locking mechanism to prevent drifting from the stowed position.

- a) The lift platform shall have a minimum clear width of 34" at the platform, a minimum clear width of 34" measured from 2" above the platform surface to 34" above the platform and a minimum clear length of not less than 50" measured from 2" above the surface of the platform. All scars/damage on the vehicle, due to mounting of the lift assembly, shall be repaired.

17. **Question:** Page 56 Section 59 a. MOBILITY AID SECURITY AND OCCUPANT RESTRAINT SYSTEMS: What is the model of the Q-Strait tie down?
Answer: QRT Deluxe System with L-Track Q-8100-A1-L or slide click.
18. **Question:** Page 56 Section 59.c. MOBILITY AID SECURITY AND OCCUPANT RESTRAINT SYSTEMS: Does PDRTA want a closable box or a storage pouch secured next to the wheel chair lift?
Answer: A storage pouch
19. Page 57, Section 40d.h
Please change section 40d to the following:
MIRRORS: A fully adjustable 6"x 9" passenger view mirror mounted just above the windshield to the right of the steering wheel area. Mirror must provide full passenger seating area viewing. Two hinged exterior rear view mirrors. Reference Ford Rosco M715 Remote control and heated mirror (or equal) split view model, with remote control for flat portion adjustment, turn signal mounted on the exterior of the mirror housing, and black powder coat finish. Mirror mount must include reinforcement mounting plate that is inside the fender with through rivets into the Ford fender. Convex rear view mirror shall be provided for right and left hand mirrors, and shall offer extra wide angle viewing. OEM mirrors mounted on the windshield shall not be removed. Please omit the section 40h listed below:
Brake Max, or DuraTrans Programmable Overdrive Controller (Ref. Intermotive) or approve equal to allow for programming of shift patterns for overdrive/tow-haul feature. Brake Max for Tow/Haul equipped vehicles, DuraTrans for Non tow/Haul equipped vehicles
20. Page 58, Floor Plans See attached Revised Floor Plans adding a foldaway seat and rear door
21. Page 58, Section WR 1.1.2- Please delete this complete section from the IFB
22. **Question:** Page 58, Section WR 1.1.2 Body and Chassis Structure: Should the warranty on the body, body structure, structural elements of the suspension and engine cradle be warranted to be free from defects and related defects be for two years or 36,000 miles or 3 years or 36,000 miles.
Answer: 3 years or 36,000 miles
23. Please add to Page 57 Section 40- ADDITIONAL EQUIPMENT the following:
- k. Roof Ventilator/Emergency Exit: A dual purpose manually opened and electric operated roof ventilator/emergency exit with power fan shall be installed in the roof of the vehicle at approximately the center to front of the passenger compartment. The hatch shall be 23" x 23" minimum and shall be installed so the air can be circulated in the vehicle. A unit with characteristics similar to a Transpec, Inc. unit or approved equal is acceptable. The hatch shall meet all Federal and State requirements.
 - l. Vehicle shall meet all applicable requirements of ADA as set forth in CFR 37 & 38 issued September 6, 1991, with respect to the vehicle interior. A stop request pull cord w/touch tape shall be included.

24. **Question:** Page 59, Section WR 1.1.4 ó PDRTA is asking for an extended warranty of 5 years, 100,000 miles (for a price). If this is not possible will PDRTA accept the bid?
Answer: PDRTA would like this option; however, the bid will be accepted without the extended warranty.
25. Page 59, Section WR 1.1.6 Subsystems- Please make the following changes to the warranty on AC unit and compressor, alternator and bus leaking:
Warranty on the AC unit and compressor: The warranty on the roof and /or rear main unit only, excluding floor heaters and front defroster should be 2 year unlimited mileage instead of one year or 100,000 miles.
Warranty on the Alternator: The warranty should be 3 years or 36,000 miles instead of five years.
Warranty on bus leaking: The warranty should be 2 years instead of five years.
Warranty on the Azure System: 5 years or 60,000 miles. This covers everything installed by Azure, including the high voltage battery.

CONTRACTOR/OFFEROR IS NOT REQUIRED TO SIGN THIS DOCUMENT

CONTRACTOR/OFFEROR IS REQUIRED TO SIGN THIS DOCUMENT & RETURN TO PDRTA AT ADDRESS SHOWN ABOVE

CONTRACTOR'S SIGNATURE

BY _____
(Signature of Authorized Rep.)

DATE: _____

BY _____
(Signature of PDRTA's Authorized Rep.)

DATE: _____