

**Pee Dee Regional Transportation Authority
Purchasing Department
Amendment Of Solicitation**

<u>Amendment/Modification No.</u>	<u>Effective Date</u>	<u>Agency/Location</u>
4	November 10, 2022	PDRTA/Florence, SC

ISSUED BY: Pee Dee Regional Transportation Authority
Purchasing Department
313 S Stadium Road
Florence, SC 29506

ADMINISTERED BY:
Cicily Shaull
Purchasing Officer

CONTRACTOR NAME & ADDRESS:

Amendment of:
RFP # 0922
35 ft. Electric Buses

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 (X) is extended. () is not extended.

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 email 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 e-mail or letter, provided such e-mail 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:

Please see the attached:

CONTRACTOR'S SIGNATURE

BY _____
(Signature of Authorized Rep.)

DATE: _____

(Company Name)

BY Cicily Shaull
(Signature of PDRTA's Authorized Rep.)

DATE: 10 November 2022

THE SOLICITATION IS AMENDED AS PROVIDED HEREIN. INFORMATION OR CHANGES RESULTING FROM QUESTIONS WILL BE SHOWN IN A QUESTION-AND-ANSWER FORMAT. ALL QUESTIONS RECEIVED HAVE BEEN REPRINTED BELOW. THE “PDRTA RESPONSE” SHOULD BE READ WITHOUT REFERENCE TO THE QUESTIONS. THE QUESTIONS ARE INCLUDED SOLELY TO PROVIDE A CROSS-REFERENCE TO THE POTENTIAL OFFEROR THAT SUBMITTED THE QUESTION. QUESTIONS DO NOT FORM A PART OF THE CONTRACT; THE “PDRTA RESPONSE” DOES. ANY RESTATEMENT OF PART OR ALL OF AN EXISTING PROVISION OF THE SOLICITATION IN AN ANSWER DOES NOT MODIFY THE ORIGINAL PROVISION EXCEPT AS FOLLOWS: UNDERLINED TEXT IS ADDED TO THE ORIGINAL PROVISION. STRICKEN TEXT IS DELETED.

1Q. PDRTA Provide Financials for Leased Batteries?

1A. Battery Leasing option is not available.

Referring to page 125 and page 150:

WR 1.1.1 Energy Storage System

The Energy Storage System (ESS) ~~shall be leased~~. The Energy Storage System (ESS), including the traction battery, Battery Management System, and any other ESS-related line replacement component, shall be warranted to be free from Defects and Related Defects for the term of the ESS lease. The ESS shall also be warranted for the term of the lease to remain within Warrantable End Of Life. The ESS original specified energy storage capacity and Warrantable End of Life, as a percentage of the original specified energy capacity, shall be clearly defined by the Proposer. Acceptable methods for measuring or obtaining ESS storage capacity with respect to its original specified capacity shall be clearly identified by the manufacturer. The manufacturer will propose the test method, and certify the results are true and accurate. The test will be performed according to a documented test procedure. The Agency is allowed to engage third-parties for capacity testing. If applicable, the proposal shall include a comprehensive statement of any additional warranty terms relating to the ESS, including explanation of all disclaimers within the warranty.

GER 6. Pricing Schedule

Pee Dee Regional Transportation Authority
RFP: PDRTA2020-05 35ft Electric Bus

	All prices are to be in United States dollars	
	– Unit Price	– Extension
35ft Electric Transit Bus (Base Vehicle)		
Battery Purchase		
Battery Lease		
Depot Plug In Charging Stations		

On-Route Charging Stations		
- Extended Warranty		
- Extended Warranty		
- Other		
- Other		
- Sales tax (if applicable)	N/A	N/A
- Delivery charges		
- TOTAL PROPOSED PRICE		
- ADA equipment (included in above unit prices)		

- This form is to be completed and included in the Price Package.

2Q. Performance Bonds required?

2A. No, pages 35 and 145.

TABLE 1
Contract Deliverables

	Deliverable	Agency Action	Reference Section	Due Date	Format	Quantity Due
1.	Bus Testing— Altoona Test Report	Review		Prior to 1st delivery	Hardcopy	1
2.	List of serialized units installed on each bus	Review		With each delivered bus	Electronic media	1 per bus
3.	Copy of Manufacturers' formal Quality Assurance Program	Review		Pre-award site visit	Hardcopy	1
4.	QA manufacturing certificate	Review		With each delivered bus	Hardcopy	1 per bus

TABLE 1
Contract Deliverables

	Deliverable	Agency Action	Reference Section	Due Date	Format	Quantity Due
5.	QA purchasing certifications acknowledging receipt of applicable specification	Review		30 days following first Pre-Production Meeting	Hardcopy	1 per major Supplier
6.	Pre-Delivery Bus Documentation Package	Review		With each delivered bus	Hardcopy	1 per bus
7.	Motor Vehicle Pollution Requirements Certificate	Review		With each bus	Hardcopy	1
8.	Engine Emissions Certificate—NOx levels	Review		Prior to completion of 1st bus	Hardcopy	1
9.	Pre-Production Meeting minutes	Approval		30 days after each meeting	Hardcopy	2 originals
10.	Driver's log and incident report	Review		With each bus delivery if drive-away service is used	Hardcopy	1 per bus
11.	Title documentation	Review		10 days prior to bus delivery	Hardcopy	1 per bus
12.	Performance bond	Review		30 days following execution of Contract	Hardcopy	4
13.	Insurance certificates	Approval		Before Work commences	Hardcopy	1
14.	Engineering support	Review		During Pre-Production Meeting	Contracts	1
15.	Training instructor information	Approval		30 days prior to delivery of pilot bus		
16.	Training curriculum	Approval		30 days prior to delivery of pilot bus	Electronic media	
17.	Teaching materials	Review		During classroom instruction	Hardcopy	1
18.	Professionally prepared mechanics' "Bus Orientation" training video	Review		30 days prior to first production bus	Electronic Media	20 each
19.	Final preventative maintenance manuals	Review		90 days after Agency written approval	Hardcopy Electronic media	3
20.	Final diagnostic procedures manuals	Review		90 days after Agency written approval	Hardcopy Electronic media	3
21.	Final parts manuals	Approval		90 days after Agency written approval	Hardcopy Electronic media	2
22.	Component repair manuals (Agency approval/review period of 90 days from date of receipt)	Approval		90 days after Agency written approval of OEM component repair list	Hardcopy Electronic media	2 2

TABLE 1
Contract Deliverables

	Deliverable	Agency Action	Reference Section	Due Date	Format	Quantity Due
23.	Draft preventative maintenance manuals (Agency approval/review period of 90 days from date of receipt)	Approval		With 1 st Bus	Hardcopy	10
24.	Draft diagnostic procedures manuals (Agency approval/review period of 90 days from date of receipt)	Approval		With 1 st Bus	Hardcopy	10
25.	Draft parts manuals (Agency approval/review period of 90 days from date of receipt)	Approval		With 1 st Bus	Hardcopy	10
26.	List of OEM component repair manuals	Approval		With 1 st Bus	Hardcopy	10
27.	Draft operators' manuals (Agency approval/review period of 90 days from date of receipt)	Approval		With 1 st bus or maximum of 30 days prior to start of production	Hardcopy	10
28.	Final operators' manuals	Review		30 days following Agency approval of draft manual	Hardcopy	1 per bus
29.	Recommended spare parts list, including bill of materials	Review		60 days prior to shipment of first bus	Hardcopy	1
30.	Part number index	Approval		60 days prior to shipment of first bus	Hardcopy Spreadsheet	1 1
31.	Current price list	Review		90 days after Agency written approval of draft parts manual	Hardcopy	20
32.	In-process drawings	Review		30 days prior to production	Scale drawings	1
33.	Electrical and air schematics	Review		30 days prior to production	Hardcopy	1
34.	As-built drawings	Review		Within 60 days after final bus delivery	Electronic media	1
35.	Material samples	Review		By conclusion of Pre-Production Meetings		1
36.	Undercoating system program	Approval		First Pre-Production Meeting	Hardcopy	1
37.	Flooring certificate	Review		First Pre-Production Meeting	Certificate/ copy of purchase order	1
38.	Interior features – fire-resistance certificates	Review		Prior to pilot bus completion	Certificates	1
39.	Crashworthiness	Review		Pre-award audit	Certificate	1
40.	Technical review of electronic functionality	Approval		Prior to production	Hardcopy	1
41.	Interior security camera layout	Approval		Prior to pilot bus completion	Copies of interior views	1 each
42.	Technical review of power plant			Prior to production		

TABLE 1
Contract Deliverables

	Deliverable	Agency Action	Reference Section	Due Date	Format	Quantity Due
43.	Power plant certifications	Review		Prior to pilot bus completion	Hardcopy	1 each
44.	Striping layout	Approval		Prior to production	Hardcopy	1
45.	Resolution of issues "subject to Agency approval"	Approval		Prior to production	Hardcopy	1

Page 145:

Proposer's Checklist

RFP: PDRTA2020-05 35ft Electric Bus

Package 1: Technical Proposal

- 1. Letter of Transmittal
- 2. Technical Proposal
- 3. Acknowledgement of Addenda
- 4. Form for Proposal Deviation
- 5. Vehicle Questionnaire
- 6. References and non-priced information (if provided by Proposer)
- 7. Engineering organization chart, engineering change control procedure, field modification process
- 8. Manufacturing facility plant layout, other contracts, staffing
- 9. Production schedule and other Contract commitments for the duration of this Contract.
- 10. Quality Assurance Program

Package 2: Price Proposal

- 1. Letter of Transmittal
- 2. Pricing Schedule (including option buses, spare parts package, engineering, manuals, training, special tools and test equipment)

Package 3: Qualifications Package

- 1. Pre-Award Evaluation Data Form
- 2. A copy of the three (3) most recent audited financial statements or a statement from the Proposer regarding how financial information may be reviewed by the Agency
- 3. Letter for insurance
- ~~4. Letter for performance bond (if applicable)~~
- 5. Letter of commitment for parental financial guarantee (if applicable)
- 6. Proposal Form

Package 4: Proprietary/Confidential Information

- 1. Proprietary/Confidential Information

There may be items in the first three packages that are included in Package 4 because they are considered to be proprietary/confidential information. When this occurs, the Proposer must note that fact in packages 1 through 3.

3Q. Is Themo King Coach IntelligAir III acceptable Air Conditioning System?

3A. Yes

4Q. Driver Display Unit (DDU)

4A. Disregard TS 84.4.3 page 122

TS 84.4 Radio Handset and Control System

TS 84.4.1 Drivers Speaker

Each bus shall have a recessed speaker in the ceiling panel above the driver. This speaker shall be the same component used for the speakers in the passenger compartment. It shall have 8 Ohms of impedance.

TS 84.4.2 Handset

Contractor will install a handset for driver use. Current provider is Motorola.

~~TS 84.4.3 Driver Display Unit (DDU)~~

~~Contractor shall install a driver display unit as close to the driver's instrument panel as possible.~~

TS 84.4.4 Emergency Alarm

Contractor shall install an emergency alarm that is accessible to the driver but hidden from view.

5Q. Mobile Ticketing

5A. Disregard TS 84.5.3 page 123

TS 84.5.1 Automatic Passenger Counting

Pre-Wiring for existing Hella APC equipment

TS 84.5.2 Voice Over Internet Protocol (VoIP)

Wiring provisions for Syncromatics VOIP Radio

~~TS 84.5.3 Mobile Ticketing~~

~~Wiring and installation for Masabi reader~~

TS 84.5.4 Broadband Router

Wiring and installation of Cradlepoint IBR900 Router and antenna

TS 84.5.5 Voice Announcement System

Pre-Wiring for Syncromatics Voice Annunciation System

Question number	RFP Section	Customer Specification Requirement	Questions	PDRTA Response
6		Within thirty (30) calendar days after arrival at the designated point of delivery, the bus shall undergo the Agency tests defined in "Post-Delivery Tests." If the bus passes these tests or if the Agency does not notify the Contractor of non-	Request approval for: fifteen (15) calendar days after arrival at the designated point of delivery, the bus shall undergo the Agency tests as defined in in "Post-Delivery Tests." If the bus passes these tests or if the Agency does not notify the Contractor of non-acceptance within 15 calendar days after delivery, then acceptance of the	Approved

		acceptance within 30 calendar days after delivery, then acceptance of the bus by the Agency occurs on the 31st day after delivery.	bus by the Agency occurs on the 16 TH day after delivery.	
7		The Agency will conduct acceptance tests on each delivered bus. These tests shall be completed within thirty (30) days after bus delivery and shall be conducted in accordance with written test plans.	Request Approval: test shall be completed within fifteen (15) days after bus delivery and shall be conducted in accordance with written test plans.	Approved
8		The Agency shall make payments for buses at the unit prices itemized in the price schedule within forty-five (45) days after the delivery and acceptance of each bus and receipt of a proper invoice.	Request Approval: The Agency shall make payments for buses at the unit prices itemized in the price schedule within thirty (30) days after the delivery and acceptance of each bus and receipt of a proper invoice. The Agency shall make payments for spare parts and/or equipment at the unit prices itemized in the price schedule within thirty (30) calendar days after the delivery and acceptance of said spare parts and/or equipment and receipt of a proper invoice.	Approved
9		Unless otherwise provided in this Contract, the Contractor shall pay all federal, state and local taxes, and duties applicable to and assessable against any Work, goods, services, processes and operations incidental to or involved in the Contract, including but not limited to retail sales and use, transportation, export, import, business and special taxes.	Request Approval: Agency advise bidders/proposers of any Local, City, County, State, Franchise or Income taxes, tariffs, fees, business licenses and special taxes, or licenses that will need to be paid and/or purchased by the successful bidder/proposer as part of the performance of this contract or option of this contract	Approved

10		<p>Upon execution of the Contract, the Contractor shall provide the Agency a list of all OEM software comprising proprietary works ("Proprietary Software") for all major vehicle subsystems. From time to time and only upon request, information contained within the listed software may be made available to the Agency through the OEM of the vehicle subsystem. The Contractor and OEM are not obligated to provide copies of source code, as this is proprietary intellectual property; however, the Contractor is obligated to assist the Agency with any technical assistance for the duration of the life of the vehicle. It is the Agency's prerogative to evaluate the long-term viability of the Contractor and its Subcontractors and Suppliers based upon the criteria set forth in "Qualification Requirements."</p>	<p>Delete: the requirement of providing "upon execution of the Contract, the Contractor shall provide the Agency a list of all OEM software comprising proprietary works ("Proprietary Software") for all vehicle major subsystems."</p>	Approved
11		<p>The curb weight of the vehicle shall be equal to or less than 30,000 lbs.</p>	<p>The curb weight of each bus varies depending on its configuration and accessories, asking for approval for 32,900 lbs.</p>	Approved
12		<p>Jacking pads shall be painted safety yellow and decals are applied to identify locations.</p>	<p>Request approval for jacking points located on the front and rear axles, rather than jack pads mounted on the frame or body. This is the standard offering from Meritor and will permit easy and safe jacking with the flat tire or dual set on a 6" high run-up block not wider than a single tire.</p>	Approved
13		<p>All wheels shall be interchangeable. Current vehicle standards: Alcoa 22.5x9" Clean Buff</p>	<p>9.0" wheels at the front axle and 8.25" wheels at the rear. The difference in wheel size is necessary in order to provide</p>	Approved

		Aluminum Wheels PN: 896517	adequate weight ratings needed for the Battery Electric bus.	
14		For two-piece windshields, both wipers shall park along the center edges of the windshield glass.	request approval for the driver side wiper to park along the middle of the windshield, and the curbside wiper to park along the outer edges of the windshield glass. This design does not allow both wipers to park in the middle or bottom edge regardless of windshield type.	Approved
15		Base bus gel coat in white.	request approval to provide our standard Axalta Imron Elite low VOC 2.8 paints/coatings for this section. The Axalta (Dupont) coatings supplied will be polyurethane enamel that matches specified colors. These coatings can be repaired with conventional paints/coatings available throughout the United States.	Approved
16		The area of the front ramp platform as well as the floor area under and around the ramp in the vestibule area may be LineX sprayed-on polyurethane, non-skid surface. The step edge shall be LineX yellow.	request approval to provide flooring material from Altro Transflor only	Approved
17		Provide all wiring and mounting locations for a multi-camera surveillance system including the installation of cameras, recorder, microphone, etc.. Current standard is AngelTrax - 9 camera system.	request confirmation that camera systems by vendors other than AngelTrax are acceptable.	Denied
18		The Contractor warrants the emission control system for five years or 100,000 miles, whichever comes first. The ECS shall include, but is not limited to, the following components:	request deletion of this section.	Approved

19		Ten percent of the total number of inputs and outputs, or at least one each at each zone location shall be designated as spares.	request approval to provide the maximum number of spare inputs and outputs at each I/O module location, rather than a fixed percentage.	Approved
20	Warranty Requirements - Propulsion System	Propulsion system components, including the traction motor(s), traction motor controller(s), transmission, drive motors and drive, and any other propulsion system-related line replacement components, shall be warranted to be free from Defects and Related Defects for the standard 12 years or 500,000 miles, whichever comes first.	5 years or 250,000 miles standard warranty for Propulsion system. 3 years or 150,000 miles standard warranty for non-drive axles . requests approval for both request above.	Approved
21	Warranty Requirements - Subsystems	The following subsystems shall be warranted to be free from Defects and Related Defects for 12 years or 500,000 miles, whichever comes first: • Low-voltage and high-voltage electrical wiring and harnesses (12 years)	1 years or 60,000 miles standard warranty for low-voltage electrical wiring and harnesses. 5 years or 250,000 miles standard warranty for high-voltage electrical wiring and harnesses. requests approval for both request above.	Approved
22	Section 9: Forms & Certs / Table 1: Contract Deliverables	Package 3 Qualification Package: Letter of Performance Bond 30 days after execution of contract / Table 1: Contract Deliverables	Section 9: Indicates that a Performance Bond letter is to be submitted with the response, and on the Table 1: Contract Deliverables #12 Performance Bond required after 30 days from the execution of Contract. Can the agency please clarify the requirement? or will the agency accept the COI in lue of?	Stricken from PDRTA
23	Section 9: Forms & Certs / Table 1: Contract Deliverables	Package 3 Qualification Package: Letter of Performance Bond 30 days after execution of contract / Table 1: Contract Deliverables	If awarded and Performance Bond is required-How long will the bond be required for?	Stricken from PDRTA
24	Section 3: General Condition	PDRTA General Conditions per RFP	Are red-lines accepted during the proposal submission or can we provided prior to proposal submission?	Provide prior to proposal submission

25	Section 3: General Condition	PDRTA General Conditions per RFP	Should we include the red-lines as part of our deviation request or will this be discussed upon the issuance of notice to proceed?	Provide prior to proposal submission
26	Section 9: Forms & Certs	Package 3: Qualification Package: #2: Copy of the three (3) most recent audited financials statements.	Do to the large amount of paperwork on the financial statements, can we provide this on a usb with the original packages, without inserting them in the package, or will the agency prefer have copies of the statements?	USB drive is fine
27	General	Bus Delivery	What is the estimated delivery date required by the agency? How much time for delivery of the first bus- <u>XX</u> days after Notice to Proceed?	Propose when company can deliver the buses
28	GC 4. Inspection, Testing and Acceptance	<p>Page 25: Within thirty (30) calendar days after arrival at the designated point of delivery, the bus shall undergo the Agency tests defined in "Post-Delivery Tests." If the bus passes these tests or if the Agency does not notify the Contractor of non-acceptance within 30 calendar days after delivery, then acceptance of the bus by the Agency occurs on the 31st day after delivery.</p> <p>Page 139: The Agency shall conduct acceptance tests on each delivered bus. These tests shall be completed within 15 days after bus delivery and shall be conducted in accordance with the Agency's written test plans.</p>	Which test period bidders should use in delivery schedule? 15 days or 30 calendar days?	30 calendar days
29	Weight	It will be a design goal to construct each bus as light in weight as possible without degradation of safety, appearance, comfort, traction or performance. The curb weight of the vehicle shall	requests approval of 32,120 lb. curb weight.	Approved

		be equal to or less than 30,000 lbs.		
30	Operating Range	The operating range of the coach with full state of charge shall be at least 200 miles at the vehicle's GVWR with auxiliary loads.	Does PDRTA require the operating range of 200 miles to be met during the first year or the twelveth year.	Please state available range with proposal for PDRTA to consider
31	Propulsion Control System	The drive motor shall be equipped with an electronically controlled management system, compatible with 12-volt power distribution.	requests approval of using 24V electronically controlled management system instead of 12V system.	Approved
32	Battery Thermal Management	Thermal management must be continuously monitored at all times with appropriate safety interlocks installed to react to adverse conditions.	Please explain the "adverse conditions" in more detail and what safety interlock PDRTA expects to achieve.	Anything that pushes battery over normal operating temperature would be an adverse conditions and require safety interlocks
33	Transmission Cooling	The transmission shall be cooled by a dedicated heat exchanger sized to maintain operating fluid within the transmission manufacturer's recommended parameters of flow, pressure and temperature. The transmission cooling system must be separate from the traction motor cooling system. The transmission cooling system shall be a standalone system designed to circulate oil through a small radiator next to the transmission.	would like to clarify that this is not applicable to cewrtain battery electric bus.	N/A

34	Radiator Screen	<p>The bus shall be equipped with 2 radiators: one for power electronics and propulsion system; and the other for battery cooling. Both radiators shall be designed to withstand thermal fatigue and vibration associated with the installed configuration. The radiator cores shall be easily cleaned with standard pressure-washing equipment.</p>	would like to clarify that battery cooling is integrated into the HVAC system without the need for a separate radiator.	Approved
35	Transmission	<p>The transmission must be an automatically shifted unit with manual transmission architecture, i.e. gears, shafts and shift collars but with no clutches, or torque converter, therefore there is not a need to monitor the fluid on an ongoing basis.</p>	would like to clarify that it's not applicable for electric powertrain.	Approved
36	Towing	<p>Each towing device shall accommodate a crane hook with a 1-inch throat.</p>	requests approval of front towing performed via flat tow with towing adaptors instead of towing hooks. Please refer to the accompanying documentation.	Approved
37	Tires	<p>Tires: Michelin 315/80R22.5(or approved equal)</p>	requests approval of 305/70R22.5 tire size. 305/70R22.5 tire size is vendor standard design and 315/80R22.5	Approved
38	Low-Voltage Generation and Distribution	<p>The vehicle shall be equipped with a 300-AMP minimum, 24 VDC DC-DC power converter, suitably rated to handle the electrical load requirements. The high output DC amps shall be achieved at the DC-DC Power converter's designed maximum output</p>	<p>buses are equipped with a HV-27V step-down DCDC to charge the low voltage battery. The charging process is intelligent and fully automatic once it's detected the battery voltage is low. The rated power of the converter is 6kW that is enough for all electric devices. request approval of the design</p>	Approved
39	Multiplexing	<p>The vehicle shall be equipped with a Continental VDO KIBES-32 multiplexing system, or approved equal.</p>	requests approval of the I/O Controls G4 Multiplexing system as it is part of standard design and has proven to be reliable and efficient in fleet.	Approved

40	Driver Foot Controls	Adjustable brake pedal.	requests approval of a Knorr non-adjustable brake pedal. Please refer to accompanying documentation.	Approved
41	HVAC	The coach shall be equipped with a Thermo King Coach Air Conditioning System, with IntelligAir II controls with integrated diagnostics, or approved equals.	requests approval of own HVAC system which has been thoroughly researched and developed in-house. HVAC system is highly integrated into the bus design and has proven to be reliable and efficient.	Thermo King Coach Air Conditioning System with IntelligAir III is requested
42	Charging Requirements	There shall be a minimum of one (2) charge receptacle on the bus located at the rear, curb-side of the vehicle and rear, street side.	would like clarification if PDRTA meant to say one charging receptacle or two.	2- one curb-side rear and one street side rear
43	Warranty Requirements - Propulsion System	Propulsion system components, including the traction motor(s), traction motor controller(s), transmission, drive motors, drive and non-drive axles, and any other propulsion system-related line replacement components, shall be warranted to be free from Defects and Related Defects for the standard 12 years or 500,000 miles, whichever comes first.	For propulsion system can provide a warranty coverage of 5 years or 250,000 miles for the driver motor controller(s), transmission, drive motors, drive axles and 3 years or 150,000 miles for non-drive axles, whichever comes first. requests approval.	Approved
44	Warranty Requirements - Subsystems	The following subsystems shall be warranted to be free from Defects and Related Defects for 12 years or 500,000 miles, whichever comes first: <ul style="list-style-type: none"> • Low-voltage and high-voltage electrical wiring and harnesses (12 years) 	requests approval. High-voltage electrical wiring and harnesses: 5 years or 250,000 miles Low-voltage electrical wiring and harnesses: 2 years or 100,000 miles.	APPROVE see #2 of this document

45	GC 4. Inspection, Testing and Acceptance	<p>Page 25: Within thirty (30) calendar days after arrival at the designated point of delivery, the bus shall undergo the Agency tests defined in "Post-Delivery Tests." If the bus passes these tests or if the Agency does not notify the Contractor of non-acceptance within 30 calendar days after delivery, then acceptance of the bus by the Agency occurs on the 31st day after delivery.</p> <p>Page 139: The Agency shall conduct acceptance tests on each delivered bus. These tests shall be completed within 15 days after bus delivery and shall be conducted in accordance with the Agency's written test plans.</p>	Which test period bidders should use in delivery schedule? 15 days or 30 calendar days?	30 calendar days
46	Circuit Protection	Any manually re-settable circuit breakers shall provide visible indication of open circuits.	Attached is the circuit used on buses and it has a physical visible indication of open circuits. request approval of the design.	Approved
47	Arrangements and Seat Style	The passenger seating arrangement in the bus shall be such that seating capacity is maximized and in compliance to the following requirements.	requests approval of the seating layout in the accompanying document.	Approved
48	CER 5. Pricing Schedule	For the "On-Route Charging Stations" listed in Pricing Schedule	clarification/specification on the Overhead Charging and Wireless Charging requirement? Does the agency like general information or does the agency have specifications for these charging systems?	PDRTA is looking for pricing

49	Appendix C: Examples of Evaluation Criteria	C. Cost Proposal Evaluation	confirm if it's the same as the pricing schedule since the "Sum of Total Base Offer per Bus can not be found " in either Appendix B or Section 8.B.6.	Yes it is the same as Appendix B but with detail. Please submit price proposal separate from proposal
50	GC 7.1	<p>GC 7.1 Proprietary Rights/Rights in Data The term "subject data" used in this clause means recorded information, whether or not copyrighted, that is delivered or specified to be delivered under the Contract. It includes the proprietary rights of the following:</p> <ul style="list-style-type: none"> • Shop drawings and working drawings • Technical data including manuals or instruction materials, computer or microprocessor software • Patented materials, equipment, devices or processes • License requirements <p>The Agency shall protect proprietary information provided by the Contractor to the fullest extent of the law. The Contractor shall grant a non-exclusive license to allow the Agency to utilize such information in order to maintain the vehicles. In the event that the Contractor no longer provides the information, the Agency has the right to reverse engineer patented parts and software.</p>	Clarification provided that Agency does not have the authority to provide rights and data for OEM supplied components as we do not have authority over OEM property, example: equipment licensing, software, warranty. Please note that we will provide items as provided/readily available from the OEM.	Approved

51	GC 9.2.1	<p>Suspension of Work The Agency may at any time and for any reason within its sole discretion issue a written order to the Contractor suspending, delaying or interrupting all or any part of the Work for a specified period of time.</p>	<p>Approval requested for the deletion of this requirement. A bus manufacturing facility cannot be subject to a production line shutdown at the sole discretion of any single customer. Such decision would have to be mutually agreed upon by the City and Contractor.</p>	<p>Suspension of work will not be applied after production begins or before completion of the bus</p>
52	GC 9.3	<p>Excusable Delays/Force Majeure</p>	<p>Approval requested for the addition of a pandemic and consequential supply chain disruptions/challenges to the list of causes of delay that may arise after the Notice of Award and that could not have been anticipated by the Contractor.</p>	<p>Both parties will have to mutually agree upon reasonable delay</p>
53	GC 9.4.1.	<p>Termination for Convenience</p>	<p>Clarification provided that the Contractor shall be paid any close-out costs for work that has already been completed at the time of termination. This includes all costs and expenses of work already completed, such as all labor, acquired equipment and materials required as well as overhead, storage and shipping costs.</p>	<p>Settle all outstanding liabilities and all claims arising out of such termination of orders and subcontracts, with the approval or ratification of the Procurement/Contracts Administrator, to the extent he or she may require, which approval or ratification shall be final for all the purposes of this clause. Please see page 29</p>

54	Table 1	Contract Deliverables	Clarification provided that all items within Table 1 that are applicable to a battery electric bus will be provided. Please note that there are several items in the list that do not apply to an electric vehicle such as item 7: "Motor Vehicle Pollution Requirements Certificate" & Item 8: "Engine Emissions Certificate Nox levels", these items should be removed from the listing.	Approved
55	Table 1	Contract Deliverables	Clarification requested if a pilot bus is being required as it is mentioned in multiple areas within the table but is not clearly defined as required elsewhere in the spec.	Pilot Bus not required
56	Table 1	Contract Deliverables 18. Professionally prepared mechanics "Bus Orientation" training video.	Approval requested to supply a professionally prepared mechanics "Bus Orientation" training PowerPoint in lieu of the specified video. The PowerPoint would orient mechanics of our vehicle starting with the exterior and then the interior showing all access compartments closed/opened and all components of the vehicle with detailed descriptions provided. A PowerPoint presentation would not become obsolete like a video would since slides can be inserted/deleted as components change for whatever reason.	Approved
57	Table 1	Contract Deliverables 22.Component repair manuals 23.Draft preventative manuals 24.Draft diagnostic procedures 25.Draft parts manuals 26.List of OEM component repair manuals 27.Draft operators manuals	Approval requested for the following manuals to be provided within 30 days of vehicle delivery. 22.Component repair manuals 23.Draft preventative manuals 24.Draft diagnostic procedures 25.Draft parts manuals 26.List of OEM component repair manuals 27.Draft operators manuals This will allow adequate generation time as agency does not generate parts/service/operators' manuals and electrical schematics until the vehicle has completed production and the bus has	Approved

			shipped, guaranteeing that all last-minute revisions are accounted for.	
58	Table 1	Contract Deliverables 30. Part number Index	Clarification provided we will supply complete parts manual with part numbers only.	Approved
59	Table 1	Contract Deliverables 33. Electrical Schematics	Approval requested for electrical schematics to be provided within 30 days of vehicle delivery. agency does not generate final electrical schematics until the vehicle has completed production and shipped in order to guarantee that all last-minute revisions are accounted for including any vehicle acceptance changes.	Approved
60	SP 4	Assignability of Options If the Agency does not exercise the option(s) as listed in "Options and Option Pricing," then the Agency reserves the right to assign the option(s) to other grantees of FTA funds in accordance with FTA Circular 4220.1F or its successors.	Clarification requested regarding the right to assign "other grantees". Please advise whether other agencies will be allowed to purchase off of the PDRTA procurement.	Approved
61	TS 5.1	Weight It will be a design goal to construct each bus as light in weight as possible without degradation of safety, appearance, comfort, traction or performance. The curb weight of the vehicle shall	Approval requested for a 35' battery electric bus with GVWR of 33,269lbs. This is a critical design element that cannot be modified. We request the requirement for curb weight to be changed to be equal to or less than 35,000 lbs. in lieu of 30,000 lbs.	Approved

		be equal to or less than 30,000 lbs.		
62	TS 5.10	<p>Fire Safety</p> <p>The bus shall be designed and manufactured in accordance with all applicable fire safety and smoke emission regulations. These provisions shall include the use of fire-retardant/low-smoke materials, fire detection systems, bulkheads and facilitation of passenger evacuation..</p>	<p>Clarification requested whether Docket 90 materials are required in the passenger compartment. Your response will allow for appropriate pricing to be supplied.</p>	<p>Yes it applies to the passenger compartment. However Docket 90 is a recommended regulation.</p>
63	TS 2.9.1	<p>Interior Noise</p> <p>The combination of inner and outer panels and any material used between them provides sufficient sound insulation so that a sound source with a level of 80 dBA measured at the outside skin of the bus has a sound level of 65 dBA or less at any point inside the bus. These conditions prevail with all openings, including doors and windows, closed and with the motor and accessories switched off. The bus-generated noise level experienced by a passenger at any seat location in the bus does not exceed 80 dBA. The driver area does not experience a noise level of more than 75 dBA.</p>	<p>Approval requested for a 35' battery electric bus with noise level of 78.7 dBA. in the driver seat area.</p>	<p>Approved</p>
64	TS 6.3	<p>Bus Height</p> <p>Maximum Overall Height shall be 135 in., including all rigid, roof-mounted</p>	<p>Approval requested for a 35' battery electric bus whose height with roof mounted battery equipment is 140". Please see attached elevation drawing.</p>	<p>Approved</p>

		items such as A/C, exhaust, fuel system and cover, etc.		
65	TS 6.5	<p>Underbody Clearance The bus maintains the minimum clearance dimensions as defined and shown in Figure 2 of SAE Standard J689, regardless of load up to the gross vehicle weight rating. This is accomplished with height sensors at all four corners of the vehicle.</p>	Approval requested for one (1) leveling valves at front axle and two (2) leveling valves at rear axles in lieu of height sensors at all four corners of the vehicle.	Approved
66	TS 6.9	<p>Interior Headroom Headroom above the aisle and at the centerline of the aisle seats shall be no less than 78 inches forward of the rear raised area tapering to no less than 74 inches forward of the rear settee.</p>	Approval requested for headroom forward of the rear raised area tapering to no less than 70.5 inches forward of the rear settee. This is a critical design item which cannot be modified. Please see attached headroom dimensional drawing.	Approved
67	TS 9	<p>Propulsion Control System The drive motor shall be equipped with an electronically controlled management system, compatible with 12-volt power distribution.</p>	Approval requested by the propulsion system OEM, BAE, for a drive motor that is equipped with an electronically controlled management system compatible with 12V systems. BAE's GPM-12 motor will be driven by their MPCS which is powered from the 24V vehicle SLI batteries. The only signals on the GPM-12 are HVIL, temperature and position sensor. This is a critical design element which cannot be modified.	Approved
68	TS 10.1	<p>Propulsion Cooling A low-level coolant sensor shall be provided and shall be accessible by an exterior access door at ground level. The sensor shall display both at the filler location as well as on the dash. The water filler shall be no more than 60 inches above the ground and both shall be accessible through the same access door.</p>	<p>Approval requested for the following surge tank configurations:</p> <ul style="list-style-type: none"> - One (1) electric colling system surge tank with built in sight glass at surge tank location in lieu of filler location. - One (1) clear bottle surge tank for BTMS, the clear bottle allows visibility of fluid levels in lieu of display at filler location. 	Approved

69	TS 10.1	<p>Propulsion Cooling The transmission shall be equipped with a standalone oil to air cooler mounted next to the transmission.</p>	Clarification provided that a transmission is not applicable on a battery electric bus. The proposed electric bus has an electric traction motor cooled with a roof mounted radiator.	Approved
70	TS 11	<p>Transmission If applicable, the transmission shall be a multiple-speed, automatically shifted transmission with electronic controls. A torque converter and retarder are not needed.</p>	Clarification provided a transmission is not applicable in a battery electric bus. will be providing a bus with a traction motor instead.	Approved
71	TS 14.1	<p>Service Radiator fillers shall be arranged so as to ensure simple, efficient filling while tethering the cap and ensuring the filler is closed when filling is completed.</p>	Approval requested for the use of standard twist off radiator cap in lieu of tethered cap.	Approved
72	TS 16	<p>Radiator EPDM coolant hoses for heavy vehicle applications SAEJ20R3 specs, and silicone in limited areas as required.</p>	Approval requested for the use of silicone coolant hoses for heavy vehicle applications SAEJ20R3 in lieu of EPDM. This is our standard configuration, which has been in use for the past 15 years.	Approved
73	TS 20.1	<p>Design The vehicle structural frame shall be a fully monocoque composite body designed to operate with minimal maintenance throughout the 12-year design operating profile.</p>	Approval requested for a vehicle that provides an integrated body structurally fabricated using Grade C, ASTM500 high-strength carbon steel. Rectangular tubing, plate and formed sheet steel is welded into a monocoque type space frame. The body frame as proposed has been third-party tested and meets or exceeds the rollover requirement of FMVSS 220 and crashworthiness of FMVSS 214. We request the requirement for a semi- or fully-monocoque composite body to be deleted from the procurement manual. This is proprietary and only one potential bidder can meet this requirement. Please approve our standard body structure.	Approved

74	TS 33.2	<p>TS 33.2.3 Steering Column Tilt TS 33.2.4 Steering Wheel Telescopic Adjustment</p>	<p>Approval requested for our standard Douglas brand steering column that includes a tilt and telescoping feature with minimum/maximus and adjustments shown in table below. This is the only steering column engineered into our low-floor buses. This is a critical supplier issue, which cannot be modified.</p>	Approved
75	TS 32.2	<p>Current vehicle standards: Alcoa 22.5x9” Clean Buff Aluminum Wheels PN: 896517</p>	<p>Approval requested for our standard 22.5x8.25 Clean Buff Aluminum Wheel PN: 886527. This is a critical design element which cannot be modified.</p>	Approved
76	TS 32.2	<p>Tires Tires: Michelin 315/80R22.5(or approved equal</p>	<p>Approval requested for 305/70R 22.5 tires which are the transit industry standard size. This is a critical design element which cannot be modified.</p>	Approved
77	TS 33.2	<p>Steering and Tag Axles The front axle shall be of an independent suspension design, non-driving with a load rating sufficient for the bus loaded to GVWR and shall be equipped with grease type front wheel bearings and seals. All friction points on the front axle shall be equipped with replaceable bushings or inserts and lubrication fittings easily accessible from a pit or hoist.</p>	<p>Approval requested to provide our solid I-beam axles in lieu of an independent suspension design. Our I-beam axles meet all specification requirements. This is a critical design element which cannot be modified.</p>	Approved
78	TS 33.2.4	<p>Steering Wheel Telescopic Adjustment The steering wheel shall have full telescoping capability and have a minimum telescopic range of 2 in. and a minimum low-end adjustment of 29 in., measured from the top</p>	<p>Approval requested for our standard Douglas brand steering column that provides a minimum low-end adjustment of 28.87” in lieu of the requested 29” and a maximum telescopic adjustment of 2.5 inches on all angles of slope. This is a critical supplier issue, which cannot be modified.</p>	Approved

		of the steering wheel rim in the horizontal position to the cab floor at the heel point.		
79	TS 34	<p>Drive Axle</p> <p>The lubricant drain plug shall be magnetic type. The oil level in the planetary gears shall be easily checked through the plug or sight gauge.</p>	Approval requested for a vehicle that does not utilize oil level at planetary gears. Our axle design consists of a ring and pinion and is not planetary. This is a critical design element which cannot be modified.	Approved
80	TS 42.2	<p>Grounds</p> <p>The batteries shall be grounded to the vehicle chassis/frame at one location only, as close to the batteries as possible. No more than four ground connections shall be made per ground stud. Electronic equipment requiring an isolated ground to the battery (i.e., electronic ground) shall not be grounded to the chassis.</p>	Approval requested for ground studs at two (2) locations, one (1) at the front and one (1) at the rear of the bus. The ground stud at the front grounds any front mounted components as well as the batteries, the rear ground stud grounds all rear accessories.	Approved

81	TS 44.2	<p style="text-align: center;">System Configuration</p> <p>The vehicle shall be equipped with a Continental VDO KIBES-32 multiplexing system, or approved equal.</p>	<p>Approval requested to provide the I/O Controls G6 Multiplex System with G5 Digital Input / Output remote modules and a 6.4” LCD touchscreen multi-function display in lieu of the Continental VDO KIBES-32 multiplexing system. The G6 Main Bus Controller includes multiple CAN ports to handle the increased CAN data traffic found in battery electric vehicles. The Main Bus Controller includes status / diagnostic LED indicators for discrete inputs, J1939 power train data traffic for engine, transmission and ABS. Online / offline LED status indicators are also included for each remote G5-DIO-1616-XX. The MBC also includes LED status indicators for the power management system. Each G5-DIO-1616-XX (DIO) includes LED status indicators for the on / off status of all inputs /outputs. Each output LED’s are dual purpose status indicators and also provide diagnostic status of the output (normal, open, short, overcurrent).</p>	Approved
82	TS 45.3	<p style="text-align: center;">Multiplex Level</p> <p>At a minimum, information shall be made available via communication ports on the multiplex system at the front and rear interior of the vehicle. The location of the communication ports shall be easily accessible.</p>	<p>Approval requested for communication ports that are located at the front interior and inside rear propulsion compartment on the exterior.</p>	Approved
83	TS 46.5	<p style="text-align: center;">Normal Bus Operation Instrumentation and Controls</p> <p style="text-align: center;">Table 5: DRIVERS VENTILATION ROTARY 4-POS SWITCH</p>	<p>Approval requested for a side switch & toggle switch HIGH/OFF/LOW for driver's ventilation in lieu of Rotary, four-position detent.</p>	Approved

84	TS 46.5	<p>Normal Bus Operation Instrumentation and Controls</p> <p>Table 5: Windshield Washer Wiper - variable rotary switch</p>	Approval requested for keypad control button for windshield washer wiper in lieu of variable rotary switch.	Approved: Please provide the warranty specification for this item within your proposal.
85	TS 46.5	<p>Normal Bus Operation Instrumentation and Controls</p> <p>Table 5: Windshield Washer Pump - push button</p>	Approval requested for keypad control button for windshield washer pump in lieu of push button.	Approved: Please provide the warranty specification for this item within your proposal.
86	TS 46.5	<p>Normal Bus Operation Instrumentation and Controls</p> <p>Table 5: Interior Lights - three position switch</p>	Approval requested for keypad control button for interior lights in lieu of three position switch.	Approved: Please provide the warranty specification for this item within your proposal.
87	TS 46.5	<p>Normal Bus Operation Instrumentation and Controls</p> <p>Table 5: Front door ramp enable - two position switch</p>	Approval requested for side switch & panel keypad control button for front door ramp enable in lieu of two position switch.	Approved: Please provide the warranty specification for this item within your proposal.
88	TS 46.5	<p>Normal Bus Operation Instrumentation and Controls</p> <p>Table 5: Front kneel - three position momentary switch</p>	Approval requested for side switch & panel keypad control button for front kneel in lieu of three position momentary switch.	Approved: Please provide the warranty specification for this item within your proposal.
89	TS 46.5	<p>Normal Bus Operation Instrumentation and Controls</p> <p>Table 5: Engine override switch - momentary switch on</p>	Approval requested for keypad control button for engine shutdown override in lieu of momentary switch with operation protection.	Approved: Please provide the warranty specification for this item within your proposal.

90	TS 46.5	<p>Normal Bus Operation Instrumentation and Controls</p> <p>Table 5: Hazard flashers - two position switch</p>	Approval requested for dash left wing & keypad control button for hazard flashers in lieu of two position switch.	Approved
91	TS 48.2	<p>Windshield Washers</p> <p>The windshield washer system shall have a minimum 4-gallon reservoir located for easy refilling from outside of the bus. Reservoir pumps, lines and fittings shall be corrosion-resistant and include a means to determine fluid level.</p>	Approval requested to supply a 2.6-gallon windshield washer reservoir. This is the largest windshield washer reservoir that can be accommodated in our low floor design. This is a critical design element, which cannot be modified.	Approved
92	TS 55.1	<p>Auxiliary Heater</p> <p>No auxiliary heater.</p>	Clarification provided that our system design requires a electric auxiliary heater to support BTMS system and cab heat.	Approved
93	TS 58	<p>Roof Ventilators</p> <p>For the 35-foot bus, two roof ventilators shall be provided in the roof of the bus,</p>	Approval requested to provide one (1) roof ventilator in the rear section of the bus in lieu of the two (2) specified. The limited roof space due to roof mounted battery packs will not allow for a second forward roof hatch. The bus as bid meets all applicable FMVSS 217 standards with the single roof ventilator.	Approved
94	TS 71	<p>Decals</p>	Clarification requested whether a layout can be provided for all decals as this will allow for a more accurate pricing proposal.	Approved
95	TS 74.14	<p>Step Lighting</p> <p>Step lighting for the intermediate steps between lower and upper floor levels shall be a minimum of 4 foot-candles and shall illuminate in all engine run positions. The step lighting shall be low-profile to minimize tripping and snagging hazards for passengers and shall be shielded as necessary to protect passengers' eyes from glare.</p>	Approval requested for our standard interior step lighting that is 2" round LED and housed in the ceiling illuminating the area. The light provides adequate lighting and eliminates the issues associated with integrated lighting such as, dirt accumulation, snagging the light, etc.	Approved

96	TS 79.7	<p style="text-align: center;">Actuators</p> <p>Doors that employ a “swing” or pantograph geometry and/or are closed by a return spring or counterweight-type device shall be equipped with a positive mechanical holding device that automatically engages and prevents the actuation mechanism from being back-driven from the fully closed position.</p>	<p>Approval requested for the use of a transit proven slide glide door geometry and applicable actuator system in lieu of swing or pantograph geometry device. This is a critical design element that cannot be modified.</p>	Approved
97	TS 81	<p style="text-align: center;">Destination Signs (LED)</p> <p>front, right side near the front door, and on the rear of the vehicle.</p>	<p>Clarification requested on the rear destination sign requirement. Please advise if this will be a number sign or a destination sign. Your answer will allow for appropriate pricing and commodity.</p>	Number Sign
98	TS 82.2	<p style="text-align: center;">Exterior Displays</p> <p>Provisions can be made to integrate advertising, which may be specified by the customer, into the exterior bus.</p>	<p>Clarification requested whether metal advertising frames will be required on the exterior of the bus. If so, please provide quantity, location and dimensions required. Your answer will allow for appropriate pricing to be developed.</p>	Approved: metal frames are not required
99	TS 86.1.1	<p style="text-align: center;">Charging Requirements</p> <p>The vehicle shall be able to charge with a commercially available plug-in charger that uses the North American automotive standard for DC plug-in charging, SAE J1772 CCS Type 1 standard charging protocol. There shall be a minimum of one (2) charge receptacle on the bus located at the rear, curb-side of the vehicle and rear, street side .</p>	<p>Clarification requested for the exact quantity of charging receptables desired to be located at the rear, curb-side of the vehicle and rear, street side. Your answer will allow for appropriate pricing to be developed.</p>	2 locations 1- street side rear and 1- curb side rear

100	WR 1.1.7	<p align="center">Subsystems</p> <p>1. WR 1.1.7 Subsystems The following subsystems shall be warranted to be free from Defects and Related Defects for two years or 100,000 miles, whichever comes first</p>	Approval requested for our standard complete bus warranty of two (2) years or 50,000 miles of use, whichever comes first.	Approved
101	WR 1.1.7	<p>2. The following subsystems shall be warranted to be free from Defects and Related Defects for 12 years or 500,000 miles, whichever comes first: Low-voltage and high-voltage electrical wiring and harnesses (12 years)</p>	Approval requested for our standard complete bus warranty of two (2) years or 50,000 miles of use, whichever comes first.	Approved
102	WR 1.3.1	<p align="center">WR 1.3.1 Pass-Through Warranty Should the Contractor elect to not administer warranty claims on certain components and wish to transfer this responsibility to the sub-suppliers, or to others, the Contractor shall request this waiver.</p>	<p>Clarification provided that delegation of warranty claims responsibility for the following component suppliers needs to be passed through:</p> <ol style="list-style-type: none"> 1. BAE Propulsion System 2. Proterra Powered Batteries 3. Thermo King HVAC 4. Meritor Axles <p>vendor cannot provide warranty restitution on behalf of the aforementioned major component suppliers as they administer their own warranty.</p>	Approved
103	WR 2.4.1	<p align="center">Warranty Processing Procedures</p> <p>The following list represents requirements by the Contractor to the Agency for processing warranty claims. One failure per bus per claim is allowed.</p>	Approval requested to delete the reimbursement for vehicle towing and road calls. This is not part of our standard vehicle warranty coverage.	Denied Under your 2 year or 50,000 PDRTA would like the towing expense to remain

104	TS 84.1	<p>Camera Surveillance System</p> <p>Provide all wiring and mounting locations for a multi-camera surveillance system including the installation of cameras, recorder, microphone, etc.. Current standard is AngelTrax - 9 camera system.</p>	<p>Approval requested for Radio Engineering Industries, Inc. (REI) to provide for the current standard AngelTrax - 9 camera system. REI is proposing a 9 camera system using REI's HD5-1200w with (1) IP camera. Please refer to attached REI HD5-1200W specifications sheet for your review.</p>	<p>Denied PDRTA Fleet is ran by the Angel Tracks System</p>
105	Appendix A: Guidelines for Calculating Liquidated Damages	<p>Prior to its Solicitation, the Agency should document and file for the record its derivation of the amount of liquidated damage that is entered in "Liquidated Damages for Late Delivery of the Bus." The following identifies some suggested areas for consideration by which an Agency may be damaged if buses are not delivered as contracted.</p>	<p>Request that PDRTA stipulates that Liquidated Damages be set at \$100 per bus per calendar day.</p>	<p>Approved</p>
106	TS 50. General	<p>A minimum of 10,000 sq in. of window area, including operator and door windows, shall be required on each side of the standard configuration bus.</p>	<p>Request approval of our standard window design which has roughly 9,610 sq. inches on the street side and 11,583 sq. inches on the curb side. This is in alignment with APTA requirements for 35-ft buses.</p>	<p>Approved</p>
107	TS 10.3 Transmission Cooling	<p>The transmission shall be cooled by a dedicated heat exchanger sized to maintain operating fluid within the transmission manufacturer's recommended parameters of flow, pressure and temperature. The transmission cooling system must be separate from the traction motor cooling system. The transmission cooling system shall be a standalone system designed to circulate oil through a small radiator next to the transmission.</p>	<p>Request approval for our standard transmission design which does not incorporate a transmission cooler. The oil volume provided with our design is enough to maintain the temperature within reasonable levels at all times.</p>	<p>Approved</p>

108	TS 6.10 Aisle Width	The aisle width between the front wheelhouses shall be at least 35.5 in., and the entire area between the front wheelhouses shall be available for passengers and mobility aid devices.	Request approval for the aisle width between the front wheelhouses to be at least 35.3 inches.	Approved
109	NR 3 Proposal Due Date and Submittal Requirements	<p>1. Sealed Proposals shall be submitted to the following address:</p> <p>a. For courier delivery or hand delivery: Pee Dee Regional Transportation Authority (PDRTA) Attn: Cicily Shaull, Procurement Manager 313 Stadium Rd. Florence, SC 29506</p> <p>b. Envelopes or boxes containing Proposals shall be sealed and clearly labeled with the Agency's Proposal number and the solicitation title: PDRTA RFP 0922: 35-Foot Electric Bus</p> <p>c. Proposers are requested to submit to the Agency one (1) hard copy marked "Original," four (4) additional printed copies, and one (1) electronic copy of the Proposal. A Proposal is deemed to be late if it is received by the Agency after the deadline stated above. Proposals received after the submission deadline will be rejected.</p> <p>2. Electronic Mailed Proposals shall be submitted to procurement@pdrta.org before the "Proposal Due Date".</p> <p>a. Subject Line should state: Sealed Proposal for PDRTA RFP 0922.</p> <p>b. Only one copy of the</p>	Please clarify whether PDRTA will allow either hard copies or electronic mailed proposals (rather than requiring both).	Proposals can be submitted by either hard copies or electronic mail.

		proposal needs to be submitted.		
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