

ADDENDUM OF SOLICITATION

1. SOLICITATION NO.: RFP 21-980369	2. ADDENDUM NO.: 4	3. EFFECTIVE DATE: August 30, 2021	4. BRIEF SOLICITATION DESCRIPTION: FLORIDA ELECTRIC TRANSIT BUSES
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5. REVISED OFFER SUBMISSION DUE DATE AND TIME:

(Note: Unless identified below, this solicitation Addendum does not change the Offer Submission Date and Time.)

The date and/or time specified for receipt of offers is changed as follows:

DATE:

TIME: AM/PM Local

6. REVISED PRE-BID/PROPOSAL CONFERENCE:

(Note: Unless identified below, this solicitation Addendum does not change the Pre-Bid/Proposal Conference, if a conference is scheduled.)

The scheduled pre-bid/proposal conference is changed as follows:

DATE:

TIME: AM/PM Local

LOCATION:

7. ADDENDUM OF SOLICITATION:

The Solicitation identified in Block 1, above, is hereby amended as described in Block 11, below. Except as provided herein, all other provisions of the solicitation, or as heretofore amended, remain unchanged and in full force and effect.

8. REQUIREMENT TO ACKNOWLEDGE ADDENDUM:

Offerors must acknowledge receipt of this Addendum prior to the deadline specified in the solicitation for receipt of offers by one of the following methods:

- a. Shall acknowledge the receipt of each individual addendum in their Proposals on the form Acknowledgement of Addenda.

WARNING: Failure of an Offeror to acknowledge receipt of this Addendum, as described herein, may result in REJECTION OF THE OFFER.

NOTE: For Invitations for Bids the terms "Offer" and Offeror" shall mean "Bid" and "Bidder", respectively; and for Requests for Proposals or Quotation the terms "Bid" and "Bidder" shall mean "Offer" and "Offeror", respectively, in this solicitation and any associated exhibits.

9. FOR FURTHER INFORMATION CALL CONTRACTS SPECIALIST:

Name: Alvin Burns

Email: aburns@psta.net (cc: erandle@psta.net)

10. DESCRIPTION OF ADDENDUM:

1. Vendor questions and the Authority's responses.
2. Request for Pre-Offer Change or Approved Equal & RFP Updates
3. Revised Table 1 - Contract Deliverables

RFP 21-980369 Florida Electric Transit Buses with Charging and Associated Equipment

	Amendment	VENDOR QUESTION	PSTA RESPONSE
1	1	Will this procurement cover the design & installation of chargers?	No
2	1	Can you confirm if charger design and installation is being requested from this RFP?	No
3	1	As seen in section TS 19. Altoona Testing, it states <i>"Buses which have not successfully completed an Altoona Test for the type and sizes requested under this RFP will not be considered."</i> Please confirm if a proposal will be considered if Altoona testing is to be completed after the proposal submission, and tests from our current similar models are provided in our proposal.	The bus will need to satisfy meeting FTA Pre Award, Post delivery and FAST Act requirements.
4	1	Will the agency allow the submission of question using an excel spreadsheet instead of using CER 2. Request for Pre-Offer Change or Approved Equal, which can facilitate response. Please advise.	Yes
5	2	Is there a desired kW power level for the Depot Charger ?	No
6	2	Can the Proposer submit multiple equipment model options for depot chargers ? In order to best accommodate fleet operators needs, we believe it is important to provide a larger range of chargers capable of various power levels.	Yes. As long as supporting documentation is included in your proposal
7	2	Can sequential charging be proposed, in lieu of simultaneous charging ? In many, if not most instances, sequential charging will meet the fleet's recharging needs.	Please clarify what you are defining as sequential charging and simultaneous charging
8	2	Can the Proposer submit additional unit pricing options to supply charger accessories, as well as corrective and preventative maintenance plans, in addition to charger hardware supply?	Yes
9	2	<p>In the RFP under TS 19. Altoona Testing it states the following...</p> <p>The vehicle must have completed any FTA-required Altoona testing. Any items that required repeated repairs or replacement must undergo the corrective action with supporting test and analysis. A report clearly describing and explaining the failures and corrective actions taken to ensure that any and all such failures will not occur shall be submitted to the Agency.</p> <p>DEFAULT</p> <p>An Altoona Test Report shall be provided to the Agency with the Proposal submittal. Buses which have not successfully completed an Altoona Test for the type and sizes requested under this RFP will not be considered.</p> <p>The Proposer would like to confirm that an Altoona Test Report is required at time of submission?</p>	Please see addendum 1, question #3

	Amendment	VENDOR QUESTION	PSTA RESPONSE
10	4	In package 3 Qualification are the following required as it states if applicable and we cannot determine if they are applicable and required as part of our submission. 4. Letter for performance bond (if applicable) 5. Letter of commitment for parental financial guarantee (if applicable)	No letter for performance bond is needed
11	4	Will PSTA accept an accord insurance certificate in lieu of #3. Letter for insurance?	No. We need the letter because PSTA is not the only agency purchasing off of this contract. The submittal of the letter is a matter of responsiveness.
12	4	Will PSTA accept a link instead of the complete annual reports as this will increase the size o the file upload. Req: 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.	Yes a link is ok to submit.
13	4	#12 Performance Bond. - Please confirm if a performance bond will be required as our surety as advised of the following language: See FTA language as provided by the Surety: The FTA's own website (https://www.transit.dot.gov/funding/procurement/third-party-procurement/bonds) specifically mentions that bonds are not required for Rolling Stock (i.e. buses): "The FTA requirements regarding bonds pertain only to construction contracts and facility improvement contracts. They do not pertain to contracts for equipment, rolling stock, maintenance, or other non-construction services. Grantees may choose to require bonds from contractors performing other non-construction contracts, but this is at the sole discretion of the grantee. FTA bonding requirements are discussed in FTA Circular 4220.1F, Chapter IV, 2.i. and the Best Practices Procurement Manual, Section 3.2.8 – Bonding. (Revised: May 2017)". Rolling Stock is defined as "transit vehicles such as buses, vans, cars, railcars, locomotives, trolley cars and buses, and ferry boats, as well as vehicles used for support services." Source: (https://www.transit.dot.gov/funding/procurement/third-party-procurement/definition-rolling-stock).	There is no Bonding requirement for this solicitation.
14	4	Will PSTA accept the accord certificate to meet this requirement?	No. We need the letter because PSTA is not the only agency purchasing off of this contract. The submittal of the letter is a matter of responsiveness.
15	4	Section 3 - Qualification Section Requirements does not have this requirement. Please confirm if a letter from a suerty is required.	There is no Bonding requirement for this solicitation.

RFP 21-980369 Florida Electric Transit Buses with Charging and Associated Equipment

	Amendment	VENDOR QUESTION	PSTA RESPONSE
16	4	Does this procurement require any bonds and if so for how much and for how long as well as how will the bond be released.	No
17	4	What is the qty needed for each model(s) for this RFP? A quantity will assist us in meeting providing PSTA the required delivery schedule.	This is a state schedule that may be used by any agency. All quantities should be based on the assumption of one.
18	4	Shall bidder provide production schedule for each model based on (1) unit of vehicle? If the proposed schedule is identical for each model, can bidder provide one schedule that covers all models?	Yes
19	4	The Payment due date for purchase of goods or services other than construction services is net forty-five (45) days from the accepted date. We requested approval to reduce the net forty-five days to net thirty days from the accepted date.	As this is a procurement for the state we are bound by Florida statute 218.74. Unfortunately, we have to deny this request.
20	4	<p>Requests approval to limit the liquidated damages to be capped on a per bus basis at 2% of the value of the bus price.</p> <p>The timely performance of the work by the Contractor is of utmost importance to ensure successful completion of the deliveries stipulated in the Contract.</p> <p>Nonetheless, an unlimited liability obligation creates a severe restriction on our ability to disclose financial provision in accordance with Securities Exchange requirements. Hence, the Contractor considers that liquidated damages should be an assessment of direct damages suffered by the Customer, and, in addition be a mechanism to dissuade poor performance.</p>	PSTA is agreeable to the 2% limit provided it does not exceed 80 days. In the event the delivery exceeds 80 days, the contractor would be agreeable to pay \$200.00 per day not to exceed 10% of the cost of the vehicle.

Request for Pre-Offer Change or Approved Equal & RFP Updates

PSTA RFP 21-980369

Request #	Addendum	RFP Section	Page	RFP	Questions/Clarification or Approved Equal	Agency Action	Agency response:
1	2	TS 84.1 Camera Surveillance System	179	Provide all wiring and mounting locations for a multi-camera surveillance system, including the installation of cameras, recorder, microphone, etc..	Proposer requests information on whether or not a camera system should be included in the base bus price. Currently, various information pertinent to details of this system such as supplier, number of cameras, type of DVR and functionalities are missing from the technical specifications. Such information is essential to be able to provide accurate pricing and configuration. In light of this, proposer requests approval to provide price of such systems only through optional items included in CER 6. Pricing Schedule	See Response	DEFAULT No camera system. ALTERNATIVE A camera system shall be installed. Agency to select from list of available camera systems from OEM options list including installation locations. ALTERNATIVE Pre-wire only. Agency may select to have vehicle pre-wired only for a camera system.
2	2	CER 6. Pricing Schedule	NA	NA	The specification of several systems such as Destination signs, Camera Systems, and Automatic Passenger Counters are missing configuration details that are essential for costing. Proposer understands that the its base bus configuration will not have any of such systems, but optional pricing for those will be provided via CER 6. Pricing Schedule for interested agencies. Please confirm our understanding.	See Addendum	Pricing Scheduled has been updated
3	2	TS 81 Destination Signs	177	A destination sign system shall be furnished on the front, on the right side near the front door. Route sign on the rear of the vehicle. All signs shall be controlled via a single human-machine interface (HMI). In the absence of a single mobile data terminal (MDT), the HMI shall be conveniently located for the bus driver within reach of the seated driver. The driver shall be able to access the sign while seated. The destination sign compartments shall meet the following minimum requirements: Compartments shall be designed to prevent condensation and entry of moisture and dirt. Compartments shall be designed to prevent fogging of both compartment window and glazing on the unit itself. Access shall be provided to allow cleaning of inside compartment window and unit glazing. The front window shall have an exterior display area of no less than 8.5 in. high by 56 in. wide. Run number sign shall be installed.	NA	RFP Update	DEFAULT A destination sign shall be furnished on the front and on the right side (curbside) near the front door. The destination signs shall be Luminator Smart Series III with white LED, or approved equal. ALTERNATIVE Agency to select from list of available destination sign systems from OEM provided options list. ALTERNATIVE A rear route sign, if available, shall be installed on the rear of the vehicle. ALTERNATIVE A run number sign, if available, shall be installed on the vehicle
4	2	TS 84.3 Automatic Passenger Counters (APC)	179	ALTERNATIVE An infrared APC system shall be installed. Agency to provide details of APC system, including installation locations and number of buses to be equipped.	NA	RFP Update	DEFAULT No automatic passenger counter system. ALTERNATIVE An automatic passenger counter system shall be installed. Agency to select from list of available automatic passenger counter systems from OEM options list including installation locations.
5	2	TS 84.4.2 Handset	180	Contractor will install a handset for driver use.	NA	RFP Update	DEFAULT No handset. ALTERNATIVE A handset for driver use shall be installed. Agency to select from list of available handsets including installation location from OEM option list.
6	2	TS 86. Computer Assisted Dispatching System (CAD/AVL)	181	There will be a requirement to furnish and install a complete automatic vehicle locating (AVL), computer assisted dispatching system as part of this proposal. The equipment provided and installed shall be manufactured and provided by Clever Devices. Each PSTA bus is equipped with various components provided by Clever Devices to include all necessary wiring and software installation. The on board computing processor unit- IVN4 is the central processing unit for each revenue service vehicle in the PSTA fleet. Along with the IVN4 each bus has an interactive Mobile Data Terminal (MDT) which Clever Devices references as a Transit Control Head (TCH). This equipment is interfaced with the bus radio, destination signs, and fare boxes to provide a central "Single Point Logon." All data is transmitted through a cellular network. Clever Devices also provides to PSTA an Automatic Vehicle Monitoring System (AVM-3) for each individual bus controlled by a central networking system. This interface monitors the major vehicle components and generates automatic reports through our Wireless Access Points (file dumping) and real-time monitoring via a cellular network.	NA	RFP Update	DEFAULT No computer assisted dispatching system (CAD/AVL). ALTERNATIVE A computer assisted dispatching system (CAD/AVL) shall be installed. Agency to select from list of available CAD/AVL systems from OEM options list including installation requirements and configuration. ALTERNATIVE Pre-wire only. Agency may select to have vehicle pre-wired only for a CAD/AVL system.
7	3	SP 2.4	51-53	SP 2.4 Contract Deliverables Contract deliverables associated with this Contract are set forth in Table 1, along with other pertinent information. Contract deliverables shall be submitted in accordance with "Section 6: Technical Specifications." Due dates shown note the last acceptable date for receipt of Contract deliverables. The Agency will consider early receipt of Contract deliverables on a case-by-case basis. The reference section designates the appropriate specification section(s) where the requirement is referenced.	We request clarification regarding the quantities of manuals needed. Please clarify which section prevails between Table 1: Contract deliverables and SP 5.2 Documentation.	See Addendum	Revised Table 1—Contract Deliverables attached.

Request for Pre-Offer Change or Approved Equal & RFP Updates
PSTA RFP 21-980369

Request #	Addendum	RFP Section	Page	RFP	Questions/Clarification or Approved Equal	Agency Action	Agency response:
8	3	SP 2.4	51	SP 2.4 Contract Deliverables Contract deliverables associated with this Contract are set forth in Table 1, along with other pertinent information. Contract deliverables shall be submitted in accordance with "Section 6: Technical Specifications." Due dates shown note the last acceptable date for receipt of Contract deliverables. The Agency will consider early receipt of Contract deliverables on a case-by-case basis. The reference section designates the appropriate specification section(s) where the requirement is referenced.	As per item 18 of Table 1, we understand that the City requests 20 bus orientation video. We propose to offer PSTA the right to film the on-site orientation training which includes a tour of the bus for future internal use.	Approved	NA
9	3	SP 2.5	54	SP 5.2 Documentation The Contractor shall provide an electronic copy and three (3) printed current maintenance manual(s) to include preventative maintenance procedures, diagnostic procedures or troubleshooting guides and major component service manuals, an electronic copy and three (3) printed current parts manual(s), and an electronic copy and three (3) printed standard operator's manual(s) as part of this Contract. The Contractor also shall exert its best efforts to keep maintenance manuals, operator's manuals and parts books up to date for a period of fifteen (15) years. The supplied manuals shall incorporate all equipment ordered on the buses covered by this procurement. In instances where copyright restrictions or other considerations prevent the Contractor from incorporating major components information into the bus parts and service manuals, separate manual sets as published by the subcomponent Supplier will be provided.	There are incoherencies between the two section regarding the documentation specifications and Nova Bus would like to offer the best service according to the real needs of PSTA.	See Response	Revised SP 5.2 Documentation: The Contractor shall provide an electronic of current maintenance manual(s) to include preventative maintenance procedures, diagnostic procedures or troubleshooting guides and major component service manuals, an electronic copy of current parts manual(s), and an electronic copy of standard operator's manual(s) as part of this Contract. The Contractor also shall exert its best efforts to keep maintenance manuals, operator's manuals and parts manuals up to date for a period of fifteen (15) years. The supplied manuals shall incorporate all equipment ordered on the buses covered by this procurement. In instances where copyright restrictions or other considerations prevent the Contractor from incorporating major components information into the bus parts and service manuals, separate manual sets as published by the subcomponent Supplier will be provided.
10	4	TS 7.4	85	TS 7.4 Operating Range The operating range of the coach shall be designed to meet the operating profile as stated in the "Design Operating Profile" section. The operating range of the coach on a single battery charge shall be designed to meet the following targeted ranges per the operating profiles as stated in the "Design Operating Profile" section.	Will PSTA specify the minimum operating range requirement?	See Response	There are no minimum range requirement specifications established in this RFP. As stated in the RFP and during the pre-proposal meeting Proposers shall supply the range information requested in TS 8.1 for each size bus being submitted for consideration utilizing the Altoona On-Road Energy Consumption and Range Tests for buses. Specifically, CBD, ART, and COM Duty Cycles.
11	4	TS 7.3	85	TS 7.3 Acceleration Braking application and performance shall remain consistent regardless of system state of charge (SOC) or other variances related to regenerative braking.	We would like to clarify that electric bus is equipped with two braking systems to decelerate the bus. One is a pneumatic friction-based brake system, and another is a regenerative braking system. The braking performance is different with and without regenerative braking. Regenerative braking is available(braking performance is consistent) regardless of system SOC in our design. While, if the regenerative braking is limited or not available due to special condition, the braking performance is different. We request approval of the design.	Approved	NA
12	4	TS 8.2	87	TS 8.2 Design Operating Profile (Battery Electric Bus) Supply a performance summary for the exact bus(es) to be built, utilizing a 130% passenger load. Data to show AT LEAST the following: time to speed on flat ground, 5%, 7%, 10% and maximum grade for speeds of 5, 10, 15, 25, 35 mph (or maximum for each grade).	We would like clarity that as opearaing range varies with road conditions, wheather, bus configuration, driver behavior etc., We request the agency to provide a detail route profile data(including bus speed vs time, route grades vs bus speed, preferably at a sampling frequency of 1 Hz or greater)	See Response	Detailed route data is not available. As stated in the RFP and during the pre-proposal meeting Proposers shall supply the range information requested in TS 8.1 for each size bus being submitted for consideration utilizing the Altoona On-Road Energy Consumption and Range Tests for buses. Specifically, CBD, ART, and COM Duty Cycles. Assume ambient temperature of 90 deg F and weather customary to the State of Florida.
13	4	TS 8.2	87	TS 8.2 Design Operating Profile (Battery Electric Bus) Supply a performance summary for the exact bus(es) to be built, utilizing a 130% passenger load. Data to show AT LEAST the following: time to speed on flat ground, 5%, 7%, 10% and maximum grade for speeds of 5, 10, 15, 25, 35 mph (or maximum for each grade).	If detail route profile data is not available, We request approval to provide Altoona cycle opearaing range for reference.	See Response	See answers to previous questions.
14	4	TS 9.1.4	90	TS 9.1.4 Energy Storage System and Controller Energy Storage System A phased automatic shutdown system shall be provided	We would like PSTA to clarify the "A phased automatic shutdown system". What is the function? How does it work?	See Response	The intent of the specification is that sufficient warnings will be given to the operator that the SOC is running low. The intent of a "phase automatic shutdown" is, as an example, at 30% SOC a warning indicator, audible tone, is given, at 20% SOC the bus may derate in performance to conserve energy, at 10% SOC the bus goes into "limp-home" mode, at 0% the bus automatically shuts down. The levels of SOC stated previously are only used to illustrate the intent. Proposers shall specify what form of low-SOC shutdown protocols are in use.
15	4	TS 9.1.4	92	TS 9.1.4 Energy Storage System and Controller Energy Storage System Battery Charging The bus shall support an SAE-approved charging standard (SAE J3068 AC and/or SAE J1772 DC).	Will PSTA accept our AC charging as an option? Our AC charging has SAE J-3068 connector but not fully compliant to SAE J-3068.	See Response	Manufacturer shall provide a detailed description of its charging system and specify its compliance with one of the listed standards. If the charging system cannot meet compliance provide detailed information as part of the Proposal so that the Evaluation Committee may review and make a determination on acceptance.
16	4	TS 9.1.6	93	TS 9.1.6 Hybrid System Controller (HSC) The HSC regulates energy flow throughout hybrid system components in order to provide motive performance and accessory loads, as applicable, while maintaining critical system parameters (e.g., voltages, currents, temperatures, etc.) within specified operating ranges.	We requests to delete this requirement as the RFP is for electric bus.	See Response	If the specification does not apply to a manufacturer's bus design the Proposer may consider it not applicable.

Request for Pre-Offer Change or Approved Equal & RFP Updates
PSTA RFP 21-980369

Request #	Addendum	RFP Section	Page	RFP	Questions/Clarification or Approved Equal	Agency Action	Agency response:																											
17	4	TS 19	99	<p>TS 19. Altoona Testing</p> <p>DEFAULT An Altoona Test Report shall be provided to the Agency with the Proposal submittal.</p>	Will PSTA accept to provide altoona report prior to first bus delivery? And FTA does allow for test to be accepted upon delivery of the first bus.	See Response	The bus will need to satisfy meeting FTA Pre Award, Post delivery and FAST Act requirements.																											
18	4	TS 26.5	103	<p>TS 26.5 Construction</p> <p>Plywood shall be certified at the time of manufacturing by an industry-approved third-party inspection agency such as APA – The Engineered Wood Association (formerly the American Plywood Association).</p>	We would like clarity that the standard floor is Coosa Composite fiberglass composite floor. Coosa fiberglass composite floor can meet both FMVSS 302 and docekt 90 requirement. And it is also Altoona tested in our bus. We requests approval of Coosa fiberglass floor.	Approved	NA																											
19	4	TS 56	148	<p>TS 56. Roof Ventilators</p> <p>ALTERNATIVE Three Roof Ventilators (Used in articulated buses.)</p>	Will PSTA accept two roof ventilators in articulated bus?	See Response	Yes, so long as number of ventilators satisfies compliance with FMVSS for minimum number of escape hatches.																											
20	4	TS 52	144	<p>TS 52. Capacity and Performance</p> <p>ALTERNATIVE R134a The air conditioning system shall meet these performance requirements using R134a</p>	R410a has a greater efficiency,lower price than R134a. Also R410a is more friendly to environment. We request approval for OUR HAVC which uses R410a for the system.	Approved	NA																											
21	4	TS 78.1.2	168	<p>TS 78.1.2 Rear Door(s)</p> <p>In cases where street-side and curbside doors are chosen, provisions shall be made for operating the front door, curbside rear door(s) and street-side rear door(s) independently or in the combinations shown in Table 7 while providing positive tactile feedback to the operator identifying the door control selection.</p> <p align="center">TABLE 7 Door Operating Combinations</p> <table border="1"> <thead> <tr> <th>Front</th> <th>Curbside Rear</th> <th>Street-Side Rear</th> </tr> </thead> <tbody> <tr><td>Closed</td><td>Closed</td><td>Closed</td></tr> <tr><td>Open</td><td>Closed</td><td>Closed</td></tr> <tr><td>Open</td><td>Open</td><td>Closed</td></tr> <tr><td>Open</td><td>Closed</td><td>Open</td></tr> <tr><td>Open</td><td>Open</td><td>Open</td></tr> <tr><td>Closed</td><td>Open</td><td>Closed</td></tr> <tr><td>Closed</td><td>Closed</td><td>Open</td></tr> <tr><td>Closed</td><td>Open</td><td>Open</td></tr> </tbody> </table>	Front	Curbside Rear	Street-Side Rear	Closed	Closed	Closed	Open	Closed	Closed	Open	Open	Closed	Open	Closed	Open	Open	Open	Open	Closed	Open	Closed	Closed	Closed	Open	Closed	Open	Open	Does PSTA need one front door, one curbside rear door and one street-side rear door in articulated bus? If not, please specify door number and door location.	See Response	Disregard all references to "street-side" doors for articulated bus in this RFP. The doors being specified will be curbside only, mounted in the standard manufacturer locations.
Front	Curbside Rear	Street-Side Rear																																
Closed	Closed	Closed																																
Open	Closed	Closed																																
Open	Open	Closed																																
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22	4	TS 5.9.1	78	<p>TS 5.9.1 Technical/Service Representatives</p> <p>The Contractor shall, at its own expense, have one or more competent technical service representatives available on request to assist the Agency in the solution of engineering or design problems within the scope of Services and the specifications that may arise during the warranty period. This does not relieve the Contractor of responsibilities under the provisions of "Section 7: Warranty Requirements."</p> <p>The Contractor shall provide full-time, on-site technical support representative for the buses and charging and associated equipment for the first two (2) years after bus delivery, with annual renewal options for ten (10) more years.</p>	<p>Proponent requests that requirement for full-time on-site technical support representatives for two years and beyond be removed as this will be cost prohibitive.</p> <p>Proponent has technical support staff for the bus that can provide solutions remotely or a technician in a service truck could be dispatched within 24-48 hours. Technical service for chargers also would be remote and an on-site representative could be provided within 24-48 hours.</p> <p>We request your approval.</p>	See Response	<p>PSTA approves of the request to delete the requirement of providing a full-time, on-site technical support representative for two years after bus delivery with annual renewal options for ten years.</p> <p>All other language in TS 5.9.1 Technical/Service Representatives still applies.</p> <p>Proposer shall provide sufficient information in their proposal detailing their field service support capabilities, including response times, staff levels, service centers (if applicable), for both the bus and charging equipment.</p>																											

TABLE 1
Contract Deliverables

	Deliverable	Agency Action	Reference Section	Due Date	Format	Quantity Due
1.	Bus Testing— Altoona Test Report	Review		Prior to pilot bus delivery	Hardcopy or Electronic media Electronic Copy	1
2.	List of serialized units installed on each bus	Review		With each delivered bus	Electronic media Electronic Copy	1 per bus
3.	Copy of Manufacturers' formal Quality Assurance Program	Review		Pre-award site visit	Hardcopy or Electronic media Electronic Copy	1
4.	QA manufacturing certificate	Review		With each delivered bus	Hardcopy or Electronic media Electronic Copy	1 per bus
5.	QA purchasing certifications acknowledging receipt of applicable specification	Review		30 days following first Pre-Production Meeting	Hardcopy or Electronic media Electronic Copy	1 per major Supplier
6.	Pre-Delivery Bus Documentation Package	Review		With each delivered bus	Hardcopy or Electronic media	1 per bus
9.	Pre-Production Meeting minutes	Approval		30 days after each meeting	Hardcopy or Electronic media Electronic Copy	2 originals 1
10.	Driver's log and incident report	Review		With each bus delivery if drive-away service is used	Hardcopy or Electronic media	1 per bus
11.	Title documentation	Review		10 days prior to bus delivery	Hardcopy or Electronic media	1 per bus
12.	Performance bond	Review		30 days following execution of Contract	Hardcopy or Electronic media Electronic Copy	1
13.	Insurance certificates	Approval		Before Work commences	Hardcopy or Electronic media Electronic Copy	1

TABLE 1
Contract Deliverables

Deliverable		Agency Action	Reference Section	Due Date	Format	Quantity Due
14.	Engineering support	Review		During Pre-Production Meeting	Contracts 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	Qty Per OEM
17.	Teaching materials	Review		During classroom instruction	Hardcopy or Electronic media	1
18.	Professionally prepared mechanics' "Bus Orientation" training video	Review		30 days prior to first production bus	Electronic Media	20 each Qty Per OEM
19.	Final preventative maintenance manuals	Review		90 days after Agency written approval	Hardcopy Electronic media Electronic Copy	40/100 buses 20 1
20.	Final diagnostic procedures manuals	Review		90 days after Agency written approval	Hardcopy Electronic media Electronic Copy	40/100 buses 20 1
21.	Final parts manuals	Approval		90 days after Agency written approval	Hardcopy Electronic media Electronic Copy	40/100 buses 20 1
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 Electronic Copy	2 2 1
23.	Draft preventative maintenance manuals (Agency approval/review period of 90 days from date of receipt)	Approval		With pilot bus	Hardcopy or Electronic media Electronic Copy	40 1
24.	Draft diagnostic procedures manuals (Agency approval/review period of 90 days from date of receipt)	Approval		With pilot bus	Hardcopy or Electronic media Electronic Copy	40 1
25.	Draft parts manuals (Agency approval/review period of 90 days from date of receipt)	Approval		With pilot bus	Hardcopy or Electronic media Electronic Copy	40 1

TABLE 1
Contract Deliverables

Deliverable		Agency Action	Reference Section	Due Date	Format	Quantity Due
26.	List of OEM component repair manuals	Approval		With pilot bus	Hardcopy or Electronic media Electronic Copy	40 1
27.	Draft operators' manuals (Agency approval/review period of 90 days from date of receipt)	Approval		With pilot bus or maximum of 30 days prior to start of production	Hardcopy or Electronic media Electronic Copy	40 1
28.	Final operators' manuals	Review		30 days following Agency approval of draft manual	Hardcopy or Electronic media Electronic Copy	4 per bus 1
29.	Recommended spare parts list, including bill of materials	Review		60 days prior to shipment of first bus	Hardcopy or Electronic media Electronic Copy	4 1
30.	Part number index	Approval		60 days prior to shipment of first bus	Hardcopy Spreadsheet Electronic Copy	4 1
31.	Current price list	Review		90 days after Agency written approval of draft parts manual	Hardcopy Electronic Copy	20 1
32.	In-process drawings	Review		30 days prior to production	Scale drawings Electronic Copy	1
33.	Electrical and air schematics	Review		30 days prior to production	Hardcopy or Electronic media Electronic Copy	1
34.	As-built drawings	Review		Within 60 days after final bus delivery	Electronic media Electronic Copy	1
35.	Material samples	Review		By conclusion of Pre-Production Meetings	Per OEM	Per OEM
36.	Undercoating system program	Approval		First Pre-Production Meeting	Hardcopy or Electronic media Electronic Copy	1

TABLE 1
Contract Deliverables

	Deliverable	Agency Action	Reference Section	Due Date	Format	Quantity Due
37.	Flooring certificate	Review		First Pre-Production Meeting	Certificate/ copy of purchase order Electronic Copy	1
38.	Interior features – fire-resistance certificates	Review		Prior to pilot bus completion	Certificates Electronic Copy	1
39.	Crashworthiness	Review		Pre-award audit	Certificate Electronic Copy	1
40.	Technical review of electronic functionality	Approval		Prior to production	Hardcopy or Electronic media Electronic Copy	1
41.	Interior security camera layout	Approval		Prior to pilot bus completion	Electronic Copies of interior views	1 each
42.	Technical review of power plant			Prior to production	Electronic Copy	1
43.	Power plant certifications	Review		Prior to pilot bus completion	Hardcopy or Electronic media Electronic Copy	1 each
44.	Striping layout	Approval		Prior to production	Hardcopy or Electronic media Electronic Copy	1
45.	Resolution of issues “subject to Agency approval”	Approval		Prior to production	Hardcopy or Electronic media Electronic Copy	1