

CITY OF BIRMINGHAM
PURCHASING DIVISION
ROOM P-100 CITY HALL
710 NORTH 20TH STREET
BIRMINGHAM, AL 35203-2227
(205) 254-2265

February 26, 2018

RFP SOLICITATION NO. 18-22 BRT VEHICLE PROCUREMENT
ADDENDUM 2

THE REQUEST FOR PROPOSAL FOR THIS SOLICITATION IS HEREBY AMENDED OR CLARIFIED AS SET OUT BELOW. THIS ADDENDUM IS CONSIDERED TO BE AN INTEGRAL PART OF THE RFP AND MUST BE SUBMITTED WITH YOUR RESPONSE. ALL OTHER TERMS AND CONDITIONS OF THE RFP REMAIN UNCHANGED AND IN EFFECT.

TO: All Prospective Proposers

The Request for Proposals for “**BRT Vehicle Procurement**” is hereby amended or clarified as outlined in **Table 1 – Addendum 2** and the document **RFP Solicitation No. 18-22 - Responses to Requests for Pre-Offer Change or Approved Equal.**

Receipt of acknowledgment for this addendum is required by signing and returning with your RFP response.

Note: Signature on this addendum does not substitute for your signature on the original RFP document. The original RFP document must be signed also.

ACKNOWLEDGED:

Proposers: Company: _____
Address: _____
Phone No: _____
Authorized by: _____
(Signature & Title)
Date: _____

RFP Solicitation No. 18-22 BRT Vehicle Procurement – Addendum 2

A summary of the revisions made to “**RFP Solicitation No. 18-22 BRT Vehicle Procurement**” is provided in Table 1 – Addendum 2.

Table 1 – Addendum 2

Page No.	Section	Section Title	Changed from	Changed to
1		Cover Page	Proposal Due Date: March 28, 2018 (5:00 P.M. CDT)	Proposal Due Date: April 2, 2018 (5:00 P.M. CDT)
12	1.3	Proposal Due Date and Submittal Requirements	Proposals must be received no later than 5:00 P.M. CDT on Wednesday, March 28, 2018 and should be addressed as follows:	Proposals must be received no later than 5:00 P.M. CDT on Monday, April 2, 2018 and should be addressed as follows:
14	2.2	Proposed Schedule for the Procurement	Proposal Due Date: March 28, 2018, 5:00 P.M. CDT	Proposal Due Date: April 2, 5:00 P.M. CDT
48	4.2.2	Delivery Schedule	The buses shall be delivered at a rate not to exceed five (5) buses per week.	The buses shall be delivered at a rate not to exceed ten (10) buses per week.
73	6.6.5	Ground Clearance	Ground clearance shall be no less than 9 in., (8 in. at jacking pad) except within the axle zone and wheel area.	Ground clearance shall be no less than 8.6 in., (8 in. at jacking pad) except within the axle zone and wheel area.
73	6.6.5	Ground Clearance	Wheel area clearance shall be no less than 8 in. for parts fixed to the bus body and 6 in. for parts that move vertically with the axles.	Wheel area clearance shall be no less than 5 in. for parts fixed to the bus body and 5.8 in. for parts that move vertically with the axles.
74	6.6.6	Step Height and Floor Height	Height of the step above the street shall be 14 inches measured at the centerline of the front and rear doorway. The 14-in. height shall accommodate level boarding at 14 in. platforms, measured from the surface of the street to the top of the platform.	Height of the step above the street shall be 14 inches, or an approved height, measured at the centerline of the front and rear doorway. The step height shall accommodate level boarding at platforms of the same height, measured from the surface of the street to the top of the platform.
74	6.6.7	Interior Headroom	At the centerline of the window seats, headroom shall be no lower than 65 in., except for parcel racks and reading lights, if specified.	At the centerline of the window seats, headroom shall be no lower than 56 in., except for parcel racks and reading lights, if specified.
75	6.6.9	Capacity	Ambulatory seating capacity: 35 passengers (minimum) Wheelchair seating capacity: 2 passengers (minimum)	<u>Default</u> Wheelchair seating capacity: 2 passengers (minimum) Ambulatory seating capacity: 35 passengers (minimum) <u>BRT Option</u> Wheelchair seating capacity: 2 passengers (minimum) Ambulatory seating capacity should be maximized. A proposed floor layout plan is to be included in the technical proposal.

Table 1 – Addendum 2

Page No.	Section	Section Title	Changed from	Changed to
75	6.8	Maintenance and Inspection	Test ports, as required, shall be provided for commonly checked functions on the bus, such as air intake, exhaust, hydraulic, pneumatic, charge-air and engine cooling systems.	Test ports or gauges, as required, shall be provided for commonly checked functions on the bus, such as air intake, exhaust, hydraulic, pneumatic, charge-air and engine cooling systems.
80	6.12.2	Exterior Noise	Bus-generated noise at curb idle shall not exceed 65 dBA	Bus-generated noise at curb idle shall not exceed 69 dBA
82	6.16.2	Propulsion System Service	All lubricant sumps shall be fitted with magnetic-type drain plugs or magnets in pan.	(Deleted)
84	6.18.1	Engine Cooling	Both [sight glass and valve/lever] shall be accessible through the same access door.	(Deleted)
84	6.18.1.2	Coolant	Coolant shall be 50% ethylene glycol with de-ionized or distilled water. The coolant shall contain the proper proportion of NALCOOL 3000 corrosion inhibitor, or equal, and must meet all current manufacturer specifications.	Coolant shall meet all current manufacturer specifications.
85	6.18.1.3	Drive Design	The fan cooling system shall be equipped with an EMP or equal electric fan drive bus cooling system.	The fan cooling system shall be equipped with a Modine, or equal, cooling system.
86	6.19	Transmission (Conventional Powertrain)	At a minimum, drivetrain components consisting of the engine, transmission, retarder, ASR, and anti-lock braking systems shall be powered by a dedicated and isolated ignition supply voltage to ensure data communication among components exists when the vehicle ignition is switched to the “on” position.	At a minimum, drivetrain components consisting of the engine, transmission, retarder, ASR, and anti-lock braking systems shall have data communication among components when the vehicle ignition is switched to the “on” position.
86	6.19	Transmission (Conventional Powertrain)	A nominal brake pedal application of 6 to 10 psi shall be required by the driver to engage forward or reverse range from the neutral position...	A nominal brake pedal application of 6 to 10 psi, or approved pedal application, shall be required by the driver to engage forward or reverse range from the neutral position...
86	6.20	Retarder	The retarder disable switch is required. To be located behind the front destination sign compartment access door.	The retarder disable switch is required.
88	6.22.5	Fuel Lines, CNG	Fuel hose connections...shall be supported approximately every 12 in.	Fuel hose connections...shall be supported approximately every 16.5 in.
88	6.22.5	Fuel Lines, CNG	High-pressure CNG lines shall be pressure tested to a minimum of 125 percent of system working pressure prior to fueling.	High-pressure CNG lines shall be pressure tested to a minimum of 125 percent of system working pressure, or approved pressure, prior to fueling.
91	6.23.8	Defueling System	The atmospheric-vent system shall allow a bus with 20,000 scf of on-board CNG storage to defuel to atmospheric pressure within 80	Fuel system shall be sized to allow a bus with 20,000 scf of on-board to defuel to within 3 hours.

Table 1 – Addendum 2

Page No.	Section	Section Title	Changed from	Changed to
			minutes.	
91	6.23.8	Defueling System	The CNG defueling port shall be an NGV-3.1/CGA-12.3 certified receptacle.	The CNG defueling port shall be an NGV-3.1/CGA-12.3, or approved equal, certified receptacle.
93	6.30	Towing	Each towing device shall accommodate a crane hood with a minimum 1.5-inch throat.	Each towing device shall accommodate a crane hood with a minimum 1.25-inch throat.
95	6.33.2	Floor Strength		Delete restriction on sheet metal screws and floor fasteners serviceability from one side only.
95	6.33.2	Floor Strength	Tapping plates, if used for the floor fasteners, shall be no less than the same thickness as a standard nut, and all floor fasteners shall be secured and protected from corrosion for the service life of the bus.	Tapping plates and all floor fasteners shall be secured and protected from corrosion and last for the service life of the bus.
96	6.35	Wheel Housing	Sheet metal screws shall not be used to retain the floor, and all floor fasteners shall be serviceable from one side only.	(Deleted)
97	6.37.4	Kneeling	The bus shall kneel at a maximum rate of 1.25 in. per second at essentially a constant rate.	The bus shall kneel at a maximum rate of 2 in. per second at essentially a constant rate.
98	6.38	Wheels	Tire-pressure monitoring system.	(Deleted)
101	6.43	Brakes	Brake wear indicators (visible brake sensors) shall be provided on exposed push rods	Brake wear indicators (visible brake sensors) shall be provided on exposed push rods or brake wear sensors and gauges.
101	6.43.1	Brake Actuation	Force to activate the brake pedal control shall be an essentially linear function of the bus deceleration rate and shall not exceed 75 lbs	Force to activate the brake pedal control shall be an essentially linear function of the bus deceleration rate and shall not exceed 80 lbs
101	6.43.2	Friction Material	No remote brake wear indicator shall be required.	A remote brake wear indicator may be provided.
103	6.45.2	Air Lines and Fittings	Flexible lines shall be supported at 2 ft. intervals or less.	Flexible lines shall be supported at 30 in. intervals or less.
108	6.47.10	Low Voltage/Low Current Wiring and Terminals	Terminals shall be crimped, corrosion-resistant and full ring type or interlocking lugs with insulating ferrules.	Terminals shall be crimped, corrosion-resistant and full ring type or interlocking lugs with insulating ferrules, or approved equal.
116	6.51.5	Driver's amenities	The minimum size is 2750 in.3	(Deleted)
119	6.53.1	Normal Bus Operation Instrumentation and Controls	TABLE 6 (Transit Coach) Device: Driver selector Location: side console	TABLE 6 (Transit Coach) Device: Driver selector Location: side console or dash right side of steering wheel
119	6.53.1	Normal Bus Operation Instrumentation and Controls	TABLE 6 (Transit Coach) Device: Front door ramp/kneel enable	TABLE 6 (Transit Coach) Device: Front door ramp/kneel enable

Table 1 – Addendum 2

Page No.	Section	Section Title	Changed from	Changed to
			Description: Two-position keyed switch	Description: Three-position momentary switch
119	6.53.1	Normal Bus Operation Instrumentation and Controls	TABLE 6 (Transit Coach) Device: Rear door ramp/kneel enable	Entire row deleted
119	6.53.1	Normal Bus Operation Instrumentation and Controls	TABLE 6 (Transit Coach) Device: Rear door ramp	Entire row deleted
119	6.53.1	Normal Bus Operation Instrumentation and Controls	TABLE 6 (Transit Coach) Device: Fire suppression Location: dash left wing or dash center	TABLE 6 (Transit Coach) Device: Fire suppression Location: In approved location
119	6.53.1	Normal Bus Operation Instrumentation and Controls	TABLE 6 (Transit Coach) Device: Low-profile microphone	Entire row deleted
119	6.53.1	Normal Bus Operation Instrumentation and Controls	TABLE 6 (Transit Coach) Device: Park brake release Location: Vertical side of the side console dash center	TABLE 6 (Transit Coach) Device: Park brake release Location: Side console
119	6.53.1	Normal Bus Operation Instrumentation and Controls	TABLE 6 (Transit Coach) Device: Alarm acknowledge	Entire row deleted
119	6.53.1	Normal Bus Operation Instrumentation and Controls	TABLE 6 (Transit Coach) Device: Fuel tank level Description: Analog gauge, graduated based on fuel type	TABLE 6 (Transit Coach) Device: Fuel tank level Description: Fuel level gauge, graduated based on fuel type
125	6.53.4.1	Turn Signal Controls	The inclined mounting surface shall be skid-resistant.	(Deleted)
125	6.54.1	Exterior Mirrors	Exterior mirrors shall be installed with a breakaway mounting system.	Exterior mirrors shall be installed with spring back arms.
126	6.56.1	Windshield Glazing	Two piece windshield is required.	(Deleted)
126	6.56.1	Windshield Glazing	The upper portion of portion of the windshield above the driver's field of view shall have a dark, shaded band and marked AS-3...	The upper portion of portion of the windshield above the driver's field of view shall have a dark, shaded band and marked AS-1...
127	6.57	Driver's Side Window	The driver's side window glazing material shall have a ¼ in. nominal thickness laminated safety glass...	The driver's side window glazing material shall have a ¼ in. nominal thickness laminated or 5 mm nominal thickness tempered safety glass...
127	6.57	Driver's Side Window	On the top-fixed-over-bottom-slider configuration, the top fixed area above 53 in. may have a maximum 5 percent light transmittance.	On the top-fixed-over-bottom-slider configuration, the top fixed area above 53 in. may have a maximum 28 percent light transmittance.
128	6.58.3	Materials	44 percent luminous transmittance. All glass treatments must be permanent, within the glass and/or in the center membrane. Surface films are not permitted.	All glass treatments must be permanent, within the glass and/or in the center membrane. Surface films are not permitted.

Table 1 – Addendum 2

Page No.	Section	Section Title	Changed from	Changed to
130	6.64	Air Flow Operator's Area	The Contractor shall provide a ventilation system to ensure operator comfort and shall be capable of providing fresh air in both the foot and head areas.	The Contractor shall provide a ventilation system to ensure operator comfort and shall be capable of providing fresh air to the operator's foot area.
131	6.67	Roof Ventilators	Two roof ventilators shall be provided in the roof of the bus, one approximately over or just forward of the front axle and the other approximately over the rear axle.	At least one roof ventilator shall be provided in the roof of the bus. Approximately over or just forward of the front axle or approximately over the rear axle.
132	6.71.1	Exterior Panel Repair and Replacement	Structural elements supporting exterior body panels shall allow side body panels below the windows to be repaired in lengths not greater than 12.5 feet.	Structural elements supporting exterior body panels shall allow side body panels below the windows to be repaired in lengths not greater than 12.5 feet, or approved length.
133	6.78	Bumper Location	Bumpers shall provide impact protection for the front and rear of the bus with the top of the bumper being 27 in., ±2 in., above the ground.	Bumpers shall provide impact protection for the front and rear of the bus.
137	6.81.1	High and Low Beam	High beam headlamps shall be halogen and low beam headlamps shall be LED. High and low beam shall be separate assemblies. Lights shall be sealed.	High beam and low beam headlamps shall be LED. Lights shall be sealed.
138	6.81.7	Service Area Lighting	Engine compartment lamps shall be controlled by a switch mounted near the rear start controls. All other service area lamps shall be controlled by switches mounted on or convenient to the lamp assemblies. Power to the service area lighting shall be programmable. Power shall latch on with activation of the switch and shall be automatically discontinued (timed out) after 30 minutes to prevent damage caused by inadvertently leaving the service area lighting switch in the "on" position after repairs are made.	Each lighting circuit shall be controlled by a multiplex or suitable light switch mounted on or near the lamp assemblies.
138	6.82	Interior Panels and Finishes General Requirements	All trimmed panels should be laminated plastic with an enhanced pebble finish.	(Deleted)
139	6.83.2	Floor Panels	Flooring material at or around access openings shall be flush with the floor and shall be edge-bound with stainless steel or another material that is acceptable to the City to prevent the edges from coming loose.	Provisions shall be made to prevent flooring material from coming loose at or around access openings.

Table 1 – Addendum 2

Page No.	Section	Section Title	Changed from	Changed to
139	6.84	Operator Area Barrier	The partition must be strong enough in conjunction with the entire partition assembly for mounting of such equipment as flare kits, fire extinguishers (1.2kg), microcomputer, public address amplifier, etc.	The partition must be strong enough in conjunction with the entire partition assembly for mounting of such equipment as flare kits, fire extinguishers (1.2kg), microcomputer, public address amplifier, etc., or provisions shall be made to mount equipment in other convenient locations.
139	6.85	Modesty Panels	Modesty panels shall be immune to vandalism or be of a design incorporating inexpensive/easily replaceable sacrificial panels, firms, etc.	Modesty panels shall be resistant to vandalism or be of a design incorporating inexpensive/easily replaceable sacrificial panels, firms, etc.
139	6.85	Modesty Panels	Modesty panels shall extend no higher than the lower window opening of the side window	The height of the modesty panels should be as close as possible the lower window opening of the side window.
139	6.85	Modesty Panels	Modest panels installed at doorways shall be equipped with grab rails.	It is preferred to have modesty panels installed at doorways equipped with grab rails.
142	6.89	Fare Collection	<p>Default Farebox placement should minimize impact to passenger access and minimize interference with the driver’s line of sight. If the driver’s platform is higher than 12 inches, then the farebox is to be mounted on a platform of suitable height to provide accessibility for the driver without compromising passenger’s access. Farebox shall be Genfare Fast Fare, or approved equal.</p> <p>BRT Option Fare purchasing will occur off-board. Provisions for a fare validator at the front and rear door shall be provided. Fare validator shall be Genfare Fast Fare-e, or approved equal.</p> <p>Fare collection and validation equipment shall be provided and installed by the Contractor. Contractor shall provide fare collection installation layout to the City for approval.</p>	Provisions for fare collection and validation system to be installed by the City shall be provided.
148	6.91.4	Overhead	Except forward of the standee line and at the rear door, a continuous, full-grip, overhead assist shall be provided	Except forward of the standee line and at the rear door, a continuous, full-grip, overhead assist shall be provided, unless otherwise approved by the City.

Table 1 – Addendum 2

Page No.	Section	Section Title	Changed from	Changed to
148	6.91.4	Overhead	The assist shall be no less than 70 in. above the floor.	The assist shall be no less than 67 in. above the floor.
150	6.92.5	Door Height Above Pavement	It shall be possible to open and close either passenger door when the bus loaded to gross vehicle weight rating is not knelt and parked with the tires touching a 14-in. high curb on a street sloping toward the curb so that the street-side wheels are 5 in. higher than the right-side wheels.	It shall be possible to open and close either passenger door when the bus loaded to gross vehicle weight rating is not knelt and parked with the tires touching a 14 in high curb, or curb height equal to approved step height of bus measured at the centerline of the front and rear doorway, on a street sloping toward the curb.
151	6.92.7	Door Actuators	If powered by compressed air, exhaust from the door system shall be routed below the floor of the bus to prevent accumulation of any oil that may be present in the air system and to muffle sound.	If powered by compressed air, noise from the door system exhaust shall be muffled and accumulation of oil in the air system shall prevented.
152	6.93	Accessibility Provisions	Space and body structural provisions shall be provided at the front or rear door of the bus to accommodate a wheelchair loading system.	Space and body structural provisions shall be provided at the front door of the bus to accommodate a wheelchair loading system.
153	6.93.2	Wheelchair Accommodations	<u>BRT Option</u> Fully Automatic Wheelchair Securement Device One wheelchair securement system shall be fully automatic and allow passengers in a wheelchair to secure themselves without requiring driver assistance. Sufficient space shall be provided to accommodate wheelchair maneuvering into the wheelchair securement device. The automatic wheelchair securement device shall be a Q'Straint Quantum system or approved equal.	<u>BRT Option</u> Two Wheelchair Securement Locations, One Fully Automatic Wheelchair Securement Device One of the two wheelchair securement systems shall be fully automatic and allow passengers in a wheelchair to secure themselves without requiring driver assistance. Sufficient space shall be provided to accommodate wheelchair maneuvering into the wheelchair securement device. The automatic wheelchair securement device shall be a Q'Straint Quantum system or approved equal.
153	6.93.3	Interior Circulation	When the positions are fully utilized, an aisle space of no less than 20 in. shall be maintained.	When the positions are fully utilized, an aisle space of no less than 16 in. shall be maintained.
154	6.97	Public Address System	The public address system shall include an advanced technology system that can reduce background noise.	(Deleted)
154	6.97	Public Address System		(Inserted) The public address system shall be compatible with the Avail system.
154	6.98	Radio and Control System	Each bus shall have a recessed speaker in the ceiling panel above the driver. This speaker shall be the same component used for the	Each bus shall have a recessed speaker in the ceiling panel above the driver. This speaker shall be the same component used for the

Table 1 – Addendum 2

Page No.	Section	Section Title	Changed from	Changed to
			speakers in the passenger compartment. It shall have 8 Ohms of impedance. Contractor will install a handset for driver use. Contractor shall install a driver display unit as close to the driver’s instrument panel as possible.	speakers in the passenger compartment. It shall have 4 to 8 Ohms of impedance. Contractor shall install a driver display unit as close to the driver’s instrument panel as possible. The radio and control system shall be compatible with the Avail system.
155	6.100	Integrated Technologies		(Inserted) Figure 8 Key: <ul style="list-style-type: none"> • Operator Terminal: The bus human interface (what the driver sees and touches) • In Vehicle Control Unit: The brains/CPU/processor/etc. • WAP: Wireless Access Point • Dashed Lines: The dashed boxes on hardware components represent components that are not in scope but require provisions to be added later. The single dashed lines represent communication connectivity that are not in scope but require spare ports for future connectivity.
156	6.100.1	Event Data Recorders (EDR)	Vehicle Activity <ul style="list-style-type: none"> • Date and time • Ignition status codes • Vehicle speed codes • Engine RPM 	Vehicle Activity <ul style="list-style-type: none"> • Date and time • Ignition status codes • Vehicle speed codes • Engine RPM • Parking brake status • Headlight status • Directional light status • Hazard light status • Door position (front and rear) • Multiplex diagnostics and fault codes • Engine oil temperature and level alarms • Exhaust temperature • Fuel pressure • Air system pressure
157	6.100.2	Camera Surveillance System	Table 9 Built-in mic required for - Exterior curb-side camera - Exterior street-side camera	Table 9 No built-in mic for - Exterior curb-side camera - Exterior street-side camera
162	6.100.4	Automatic Vehicle Annunciator (AVA)		(Inserted) The AVA system shall be Avail, or approved equal.
162	6.100.5	Automatic Passenger Counter (APC)		(Inserted) The APC system shall be Avail, or approved equal.

Table 1 – Addendum 2

Page No.	Section	Section Title	Changed from	Changed to
170	7.1.1.9	Extension of Warranty	If any component, unit, or subsystem is repaired, rebuilt, or replaced by the Contractor or by the RTC or authorized representative, with the concurrence of the Contractor, the component, unit, or subsystem shall have the unexpired warranty period of the original or full warranty of the new component, whichever is greater.	If any component, unit, or subsystem is repaired, rebuilt, or replaced by the Contractor or by the City or authorized representative, with the concurrence of the Contractor, the component, unit, or subsystem shall have the remainder of the unexpired warranty period of the original component.
170	7.1.3.1	Pass-Through Warranty		(Inserted) For components that do not have a warranty provided by the Contractor, the OEM warranty shall be included in the Proposal.
171	7.1.4.1	Occurrence and Remedy	A Fleet Defect shall apply only to the base warranty period in sections entitled “Complete Bus,” “Propulsion System” and “Major Subsystems.” When a Fleet Defect is declared, the remaining warranty on that item/component stops. The warranty period does not restart until the Fleet Defect is corrected.	A Fleet Defect shall apply only to the base warranty period in sections entitled “Complete Bus,” “Propulsion System” and “Major Subsystems.” In the event that a major component manufacturer does not participate in fleet defect clauses, and a defect percentage is reached in a major component, the bus manufacturer shall assist in seeking a remedy. When a Fleet Defect is declared, the remaining warranty on that item/component stops. The warranty period does not restart until the Fleet Defect is corrected.
173	7.2.3.5	Reimbursement for Labor and Other Related Costs	The amount shall be determined by the City for a qualified mechanic at a straight time wage rate per hour, which includes fringe benefits and overhead adjusted for the City’s most recently published rate in effect at the time the Work is performed, plus the cost of towing the bus if such action was necessary and if the bus was in the normal service area.	The amount shall be determined by the City for a qualified mechanic at a straight time wage rate of \$33.00 per hour, which includes fringe benefits and overhead adjusted for the City’s most recently published rate in effect at the time the Work is performed, plus the cost of towing the bus if such action was necessary and if the bus was in the normal service area.
173	7.2.4.1	Warranty Processing Procedures	<ul style="list-style-type: none"> • all costs associated with each failure/repair (invoices may be required for third-party costs): <ul style="list-style-type: none"> • towing • road calls • labor • materials • parts • handling • troubleshooting time 	<ul style="list-style-type: none"> • all costs associated with each failure/repair (invoices may be required for third-party costs): <ul style="list-style-type: none"> • towing • labor • materials • parts • handling • troubleshooting time

Table 1 – Addendum 2

Page No.	Section	Section Title	Changed from	Changed to
174	7.2.7	Timeframe	Each claim must be submitted no more than thirty (30) days from the date of failure and/or repair, whichever is later. All defective parts must be returned to the Contractor, when requested, no more than forty-five (45) days from the date of repair.	Each claim must be submitted no more than thirty (30) days from the date of failure and/or repair, whichever is later. Warranties may be processed through an online warranty claim system approved by the City. All defective parts must be returned to the Contractor, when requested, no more than forty-five (45) days from the date of failure.
175	7.3	City-Specific Provisions		See “7.3 City-Specific Provisions” below
199	9.6	Vehicle Pricing Schedule		See “9.6 Vehicle Pricing Schedule” below
233		Appendices	Appendix C Examples of Evaluation Criteria	(Deleted)
233		Appendices	Appendix F Sample Assignment of an Option to Purchase Agreement	(Deleted)

7.3. City-Specific Provisions

The initial warranty offering should be provided in months and miles. If the initial warranty offered for labor is different from parts, indicate the warranty that is offered on labor in the “Initial Warranty Offering – Labor (if different)” column. If an extended warranty is offered for a component, indicate the extended warranty offered in the “Extended Warranty Offering” column and the additional cost of this warranty in the “Additional Warranty Cost” column. This table shall be included in the Technical Proposal and may be submitted in Excel spreadsheet format.

TABLE 10
Subsystem and Component Warranty

Proposer Name: 1 = Offered warranty does not meet requested warranty 2 = Offered warranty meets requested warranty 3 = Offered warranty exceeds requested warranty 4 = Extended warranty offered at additional cost	40-FT CNG					
	Months/Miles			Score	Extended Warranty Offering	Additional Warranty Cost
	City Intended Warranty	Initial Warranty Offering	Initial Warranty Offering			
	Parts & Labor	Parts & Labor	Labor (if different)			
Description	Score					
Engine	60/300K	2				
Engine Starter	36/150K	2				
Cooling System	60/300K	2				
Charge Air Cooling System	60/300K	2				
Transmission Cooling System	60/300K	2				
Transmission	60/300K	2				
Hydraulic System	36/150K	2				
CNG Fuel System	144/500K	2				
CNG De-Fueling System	144/500K	2				
Final Drive Axle	60/300K	2				
Exhaust System	60/300K	2				
Chassis Suspension	144/500K	2				
Springs and Shock Absorbers	36/150K	2				
Kneeling Valve	36/150K	2				
Steering front axle	60/300K	2				
Brakes (except friction material)	36/150K	2				
Friction Material	60K	2				
Pneumatic System	36/150K	2				
Air Compressor	36/150K	2				
Air Lines and Fittings	36/150K	2				
Air Reservoirs	36/150K	2				
Air System Dryer	36/150K	2				

Body	144/500K	2					
Corrosion	144/500K	2					
Fire Protection	36/UNL	2					
Floor Covering	36/UNL	2					
Operator Platform	144/500K	2					
Farebox Platform	144/500K	2					
Battery Compartment	144/500K	2					
Bike Rack	24/UNL	2					
Finish and Color	144/500K	2					
Exterior Lighting	144/500K	2					
Interior Panels	60/UNL	2					
Operator Barrier and Schedule Holder	60/UNL	2					
Passenger Interior Lighting	144/500K	2					
Passenger Seating	60/UNL	2					
Seating Construction and Materials	60/UNL	2					
Passenger Assists	144/500K	2					
Door Actuators	36/UNL	2					
Loading System	36/UNL	2					
Operator's Controls	36/UNL	2					
Operator/Interior Lights	144/500K	2					
Operator's Seat	36/UNL	2					
Heating Ventilating and Air Conditioning (HVAC)	36/UNL	2					
Destination Signs	60/UNL	2					
Integrated Systems	36/UNL	2					
Alternator	36/UNL	2					
Batteries	48/UNL	2					
Wheelchair lift/ramp system	144/500K	2					
Automatic Fire Suppression System (AFSS)	36/UNL	2					
ITS/Radio Com. Intelligent Transportation System (ITS)	36/UNL	2					
Digital Video System	36/UNL	2					
Camera Enclosures	36/UNL	2					
Networked Video Recorder	36/UNL	2					
Digital Removable Drive/Disk Storage Media	36/UNL	2					
Audio Microphone	36/UNL	2					
Global Positioning System	36/UNL	2					
Wireless Capability/Bus Mounted Data Recorder	36/UNL	2					

9.6 Vehicle Pricing Schedule

This form must be completed and included in the Price Proposal. “Option” items are not included in the Total Proposed Price. For the blank “Option” items, include passenger convenience amenities (e.g. infotainment screens, USB charging devices, etc.) and price for the amenities offered by the Proposer. Attach additional pages if required.

Birmingham, AL

RFP 18-22 BRT Vehicle Procurement

	All prices are to be in United States dollars	
	Unit Price	Extension
Ten (10) 40-foot low floor CNG buses - BRT		
Five (5) 40-foot low floor CNG buses - standard design		
Manuals	Lump Sum	
Spare parts package		
Test equipment and special tools		
Training curriculum (see 9.7 Training Curriculum Pricing)	Lump Sum	
Sales tax (if applicable)	N/A	N/A
Delivery charges		
TOTAL PROPOSED PRICE		
ADA equipment (included in above unit prices)		
Option - Apollo Video Surveillance Management Software		
Option - Apollo RAID data packs		
Option -		
Option -		
Option -		
Option -		
Option -		

Note: This solicitation is for a maximum of ten (10) BRT buses and a minimum of five (5) standard design buses