

INVITATION FOR BID

**THIS FORM MUST BE COMPLETED AND
SIGNED FOR YOUR BID TO BE CONSIDERED VALID.**

Address to: Procurement Manager
City of Kingsport
225 W Center Street
Kingsport, TN 37660
Phone (423) 229-9419 or Fax (423) 224-2433

Date Issued: 10/14/20
F.O.B. Kingsport

Total Number of Pages: 21

This sealed bid in the original copy, subject to the terms and conditions on the attachment, will be received by the Procurement Manager until 4:00 P.M., Eastern Time on November 3, 2020, at which time will be publicly opened in the **Council Room, City Hall, 225 W. Center Street, Kingsport, Tennessee.** IN THE LOWER LEFT CORNER OF YOUR ENVELOPE ADDRESSED TO ABOVE, MARK YOUR ENVELOPE "25 PASSENGER CUTAWAY MINI BUS" AND DATE OF THE BID OPENING.

READ TERMS AND CONDITIONS BEFORE COMPLETING THIS FORM

Item	Quantity	U/I	Description	Unit Price	Total Price
01	1	EA	25 PASSENGER CUTAWAY MINI BUS AS PER ATTACHED SPECIFICATIONS		
02	1	EA	TRADE IN ALLOWANCE VEHICLE # 1707 BRAND/MODEL _____ Delivery Terms: <ol style="list-style-type: none"> 1. Delivery no later than _____ business days after acceptance of order which shall be defined as purchase order date. 2. The Fleet Maintenance Department will complete vehicle inspection to insure compliance with specifications within __ 15 __ business days after delivery. 3. If deficiencies are identified upon inspection, the time frame allowed for vendor to correct deficiencies and return vehicle/equipment to the Fleet Maintenance Department will be __ 10 __ business days after notified by the Fleet Manager. 		

Liquidated Damages:

As actual damages for any delays in delivery of the vehicles/equipment which the bidder is required to perform as per this bid document are difficult to determine, the Bidder shall be liable for and shall pay to the Owner the sum of Fifty Dollars (\$50.00) as fixed, agreed and liquidated damages for each business day of delay per purchase order and not per unit from the number of days stipulated for delivery and for deficiency correction

In compliance with this Invitation for Bid and subject to all conditions thereof, the undersigned agrees, if this bid is accepted within 60 days from the date of the opening, to furnish all of the material/service upon which prices are quoted, delivered at the designated point(s) within the time specified.

- (A) Terms: NET
- (B) Delivery/Job completion within _____ days after notification.
- (C) Specification/Letter of explanation enclosed: YES () NO ()

Handwritten Signature of Authorized Representative

Name of Firm

Date

THIS FORM MUST BE SIGNED TO BE CONSIDERED COMPLETE

TERMS AND CONDITIONS

1. Bids must be submitted on this form only and bear the handwritten signature of an authorized representative of the firm to be considered valid. This is a request for quote and can be faxed to (423)224-2433. No telephone bid(s) will be accepted. Unless otherwise stated by the City, no bidder may withdraw his bid within a period of sixty (60) days after the date set for the reply date.
2. If prices are quoted FOB Kingsport, TN., delivery to City of Kingsport locations shall be without additional charge.
3. Failure to examine any drawings, specifications, and instructions will be a bidder's risk. If bidder is in doubt as to the true meaning of any part of the drawings, specifications and instructions or other documents, he should submit a written request for an interpretation to the Procurement Manager. An interpretation of the documents will be made only by addendum issued by the Procurement Manager to each firm to whom an invitation was forwarded. The City will not be responsible for explanation or interpretations of bid documents except as issued in accordance herewith.
4. Where a brand or trade name appears in the specifications, it is understood that the brand or trade name referred to, or its approved equivalent, shall be furnished. If no mention is made of any exceptions, it is assumed that he is bidding on the article mentioned and not an approved equivalent.
5. The bidder is requested to attach brochure-type information on the supplies furnished. All guaranteed and warranties should be clearly stated.
6. Taxes. The City is exempted from Federal excise taxes and state and local sales taxes and bidders must quote prices which do not include such taxes. An exemption certificate will be furnished upon request.
7. Bids and modifications or corrections thereof received after the closing time specified will not be considered. The City is not responsible for delays in delivery by mail, courier, etc.
8. Any exceptions to these terms and conditions or deviations from written specifications will be shown in writing and attached to the bid form.
9. Any alteration, erasure, addition to or omission of requested information, change of the specifications, or bidding schedule, is made at the risk of the bidder and may result in the rejection of the bid, unless such changes are authorized by the specifications.
10. In the event cash discounts are offered by the bidder, the discount date shall begin with the date of the invoice or the date of receipt of all material covered by the order/contract, whichever is the later date.
11. Charges for boxing or cartage will not be allowed unless previously agreed upon.
12. Default in promised delivery and failure to comply with specifications authorizes the City to purchase supplies elsewhere and charge the difference to defaulting Vendor.
13. Bidder agrees to defend and save City of Kingsport from and against all demands, claims, suits, costs, expenses, damages and judgments based upon infringement of any patents relating to goods specified in this order or the ordinary use or operation of such goods by City or use or operation of such goods in accordance with bidders direction.
14. In case of error or discrepancy in the mathematics of the bid price, the unit prices shall prevail.
15. By submission of a signed bid, the bidder certifies total compliance with Title VI and Title VII of the Civil Rights Act of 1964, as amended, and all regulations promulgated thereunder.
16. Contracts and purchases will be made or entered into with the lowest, responsible, compliant bidder meeting specifications for the particular grade or class of material, work or service desired in the best interest and advantage to the City of Kingsport. Responsible bidder is defined as a bidder whose reputation, past performance, and business and financial capabilities are such that he would be judged by the appropriate City authority to be capable of satisfying the City's needs for a specific contract or purchase order.
17. The City reserves the right to determine the low bidder either on the basis of the individual items or on the basis of all items included in its INVITATION TO BID, unless otherwise expressly provided in the INVITATION TO BID. The City reserves the right to accept any item or group of items of any kind and to modify or cancel in whole or in part, its INVITATION TO BID.
18. All contracts or purchase orders issued for this award will be governed by the laws of the State of Tennessee.
19. The City, in accordance with its governing directives, reserves the right to reject any and all bids, to waive any informality or irregularities in bids and unless otherwise specified by the bidder, to accept any item.
20. The contract will be awarded for a period of one (1) year with a renewal option on an annual basis in one (1) year increments providing all terms, conditions and cost are acceptable to both parties. The City reserves the right to rebid at the end of any contract period.
21. **CONFLICT OF INTEREST:**
 - a) No Board Member or officer of the City of Kingsport or other person whose duty it is to vote for, let out, overlook or in any manner superintend any of the work for the City of Kingsport has a direct interest in the award of the vendor providing goods or services.

- b) No employee, officer or agent of the grantee or sub-grantee will participate in selection, or in the award or administration of an award supported by Federal funds if a conflict of interest, real or apparent, would be involved. Such a conflict would arise when the employee, officer or agent, any member of their immediate family, his or her partner, or an organization, which employs, or is about to employ, any of the above, has a financial or other interest in the firm selected for award.
 - c) The grantee's or sub-grantees officers, employees or agents will neither solicit nor accept gratuities, favors or anything of monetary value from vendors, potential vendors, or parties to sub-agreements.
 - d) By submission of this bid, the vendor is certifying that no conflicts of interest exist.
22. DRUG FREE WORKPLACE REQUIREMENTS:
- a) Private employers with five or more employees desiring to contract for construction services attest that they have a drug free workplace program in effect in accordance with TCA 50-9-112.
23. ELIGIBILITY:
- a) The vendor is eligible for employment on public contracts because no convictions or guilty pleas or pleas of nolo contendere to violations of the Sherman Anti-Trust Act, mail fraud or state criminal violations with an award from the State of Tennessee or any political subdivision thereof have occurred.
24. GENERAL:
- a) Vendor fully understands the preparation and contents of the attached offer and of all pertinent circumstances respecting such offer.
 - b) Such offer is genuine and is not a collusive or sham offer.
25. IRAN DIVESTMENT ACT:
- a) Concerning the Iran Divestment Act (TCA 12-12-101 et seq.), by submission of this bid/quote/proposal, each vendor and each person signing on behalf of any vendor certifies, and in the case of a joint bid/quote/proposal, each party thereto certifies as to its own organization, under penalty of perjury, that to the best of its knowledge and belief that each vendor is not on the list created pursuant to § 12-12-106.
26. NON-COLLUSION:
- a) Neither the said vendor nor any of its officers, partners, owners, agents, representatives, employees or parties interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly, with any other responder, firm, or person to submit a collusive or sham offer in connection with the award or agreement for which the attached offer has been submitted or to refrain from making an offer in connection with such award or agreement, or collusion or communication or conference with any other firm, or, to fix any overhead, profit, or cost element of the offer price or the offer price of any other firm, or to secure through any collusion, conspiracy, connivance, or unlawful agreement any advantage against the City of Kingsport or any person interested in the proposed award or agreement.
 - b) The price or prices quoted in the attached offer are fair, proper and not tainted by any collusion, conspiracy, connivance, or unlawful agreement on the part of the firm or any of its agents, representatives, owners, employees, or parties in interest, including this affiant.
27. BACKGROUND CHECK REQUIREMENT FOR SCHOOL SYSTEM SUPPLIERS:
- a) In submitting this bid/quote/proposal, you are certifying that you are aware of the requirements imposed by TCA § 49-5-413 (d) to conduct criminal background checks through the Tennessee Bureau of Investigation and the Federal Bureau of Investigation on yourself and any of your employees who may come in direct contact with students or who may come on or about school property anytime students are present. You are further certifying that at no time will you ever permit any individual who has committed a sexual offense or who is a registered sex offender to come in direct contact with children or to come on or about school property while students are present.

GENERAL PROVISIONS

1. The unit and associated equipment shall be furnished complete and in readiness for use.
2. Special Awarding Criteria. While the purpose of the bid document is to indicate certain minimum requirements, its use is not intended to relieve the City of all responsibility in making a selection which is the most suitable for the City's service.

Although proposals may be received based on the minimum requirements indicated, it is not intended that this alone shall limit the award but other factors will be considered, including the experience of the City and others.
3. Unless the capabilities of the equipment, which the Vendor bids, is known to the City, bidder agrees to provide a model within reasonable distance of the City of Kingsport, for evaluation purposes at no expense to the City of Kingsport.
4. Trade-in. Vendors are requested to consider a trade-in allowance for the following: City Vehicle # 1707 – 2006 Ford Paratransit Mini-Bus. Vendor is to contact Steve Hightower, Fleet Manager (423-224-2434) to arrange an appointment to inspect this vehicle. The City reserves the right to accept or reject any trade-in allowance.
5. OPTIONAL EQUIPMENT. Optional Equipment selection will be at the discretion of the City.
6. Specifications. SEE: Vehicle Specifications – 16 (sixteen) pages.
7. Bidder is requested to fill out the Bid Form and attach a completed copy of the specifications (Pages 1-21) to the Bid Form.
8. Any additions, deletions, variations from attached specifications must be noted. Any items appearing in manufacturer's regular published specifications furnished by bidder are assumed to be included in the "Bidder's Proposal".
9. At time of delivery to the City of Kingsport, vehicle must meet or exceed all federal, state, and local health, safety, lighting and noise standards.
10. At time of delivery to the City of Kingsport, vehicle must meet or exceed all existing DOT regulations and US EPA emission standards that are applicable to this type vehicle.



**CUT AWAY STYLE MINI-BUS
MEDIUM DUTY- GASOLINE POWERED
25 PASSENGER**

The unit(s) to be furnished under this proposal shall be a forward engine, low floor, gasoline powered, twenty five (25) passenger, dual wheeled, cutaway style mini-bus. This unit(s) shall be suitable for use in a senior citizens transportation service operation.

Any addition, deletion, or variation from the following specifications shall be so stated in the space provided. These specifications are to be construed as minimum, however, any and all exceptions will be weighed against the needs, experiences, and resources of the City of Kingsport. The City of Kingsport reserves the right to accept any, all, or none of the exception(s) or substitution(s) deemed to be in the best interest of the city and has the sole discretion to determine if the proposed unit or components of the unit are equal or better than the minimums specified. This unit as delivered shall conform to standards for a vehicle of this type as outlined by the American Disabilities Act and Federal Motor Vehicle Safety Standards. These specifications also require the bidder to furnish descriptive literature, complete specifications, and all other necessary technical data on the equipment as proposed by the perspective bidder. Failure on the part of the bidder to properly indicate compliance or supply requested information shall deem the bidder as non-responsive.

SPECIFICATIONS	Bidder Complies	YES	NO
1.0/ - GENERAL SPECIFICATIONS:			
1. Latest, current production model, twenty five (25) passenger, low floor, gasoline powered, forward engine, commercial cutaway type, restraint system equipped, mini bus; new and unused with all standard equipment as offered by the manufacturer.			
2. All parts, accessories, equipment, and safety features considered "standard" by the manufacturer; whether specified herein or not, shall be considered as required.			
3. Vehicles and equipment awarded shall be built and delivered complete and ready for use in full compliance with federal, ADA, state, and local requirements and regulations.			
4. This unit and all other related equipment incorporated into this unit shall be designed, built, manufactured, and constructed in accordance with all applicable safety codes, design standards, and manufacturing standards as outlined by SAE, ANSI, AWSI, and FMVSS and related organizations.			
5. This unit shall embody the highest quality materials and workmanship available.			
EXCEPTIONS:			
2.0 - G.V.W.R.: The G.V.W.R. shall be a minimum of 14,500 pounds.			
EXCEPTIONS:			
3.0/ - WHEELBASE AND GENERAL DIMENSIONS:			
1. The wheelbase shall be a minimum of 176" inches.			
2. The overall exterior width shall be a minimum of 96" inches.			
3. The overall maximum height shall be no greater than 112" inches excluding roof hatch or roof mounted A/C units.			
4. The interior floor to ceiling height shall be a minimum of 76" inches.			
5. The step height from ground (no load) shall be a maximum of 11½" inches.			
EXCEPTIONS:			
4.0/ - ENGINE:			
1. The engine shall be a V8 or V10 gasoline engine with an SAE rating of 350HP @ 3,900 RPM, minimum, and developing a minimum torque rating of 468 lb/ft @ 3,900 RPM.			
2. The engine shall come equipped with an Engine Derate warning system which will be triggered by low oil or high coolant temperature.			
3. Engine noise levels shall not exceed 80dba under any circumstances.			
4. Engine compartment shall have a minimum of 1½" noise insulation.			
5. Engine shall be supplied with a high idle system, within easy reach of the operator, that will automatically disengage when the vehicle is placed in forward or reverse gears, or when vehicle service brakes are applied.			
6. The fast idle system shall allow the fast idle ramp speed to be field adjustable in 50 RPM increments up or down.			
7. The internal engine compartment cover shall be secured with quick release fasteners.			
EXCEPTIONS:			

SPECIFICATIONS	Bidder Complies	YES	NO
<p>5.0/ - TRANSMISSION:</p> <ol style="list-style-type: none"> A six speed, or greater, heavy duty automatic transmission shall be provided and equipped with overdrive. The transmission shall be equipped with a heavy duty auxiliary transmission oil cooler. The transmission shift lever shall be interlocked with the starting motor to prevent the engagement of the starter in any gear position other than neutral or park. Reverse activated, solid state, back-up alarm shall be provided. 			
<p>5.1 - TOP SPEED: Top speed capability of this unit shall be a minimum of 70 MPH on a straight level road with all accessories operating.</p>			
EXCEPTIONS:			
<p>6.0 /- COOLING SYSTEM:</p> <ol style="list-style-type: none"> The manufacturer's heaviest duty cooling package with coolant recovery system shall be provided. Engine temperature shall not exceed 195° Fahrenheit degrees with "permanent" type antifreeze. All engine and body cooling system hose clamps and heater hose clamps shall be of the spring loaded screw type, stainless steel, constant torque type regardless of hose, position, or manufacturer on hoses larger than 3/8" inside diameter. The radiator fan shall be a temperature controlled viscous type fan clutch. 			
EXCEPTIONS:			
<p>7.0/ - WHEELS AND TIRES:</p> <ol style="list-style-type: none"> Six Michelin, or equivalent, radial, highway tread type tires (225/75R16, 12 ply minimum) shall be provided. Wheels shall be one piece, disc type, heaviest duty available, ventilated steel recommended for the G.V.W.R. and tires specified. All wheels shall be completely interchangeable. A mounted to match spare tire and wheel shall be provided. (Making a total of 7 tires and wheels for the unit) and include a jack and lug wrench. The spare tire and wheel shall be of the same size and brand as the tires and wheels provided on the unit(s). Front and rear wheels shall be provided with full cover stainless steel wheel simulators. An OEM tire pressure monitoring system shall be provided. 			
EXCEPTIONS:			
<p>8.0/ - SUSPENSION AND AXLES:</p> <ol style="list-style-type: none"> The vehicle shall be built on a heavy duty cutaway type chassis. All shock absorbers, wheel bearings, hubs, and spindles shall be appropriately rated for the GVWR specified. The front suspension shall be a minimum of 4,800 lb. capacity of independent design. Front and rear stabilizer bars shall be provided if available from any provider, OEM or aftermarket. A Mor/Ryde rear suspension upgrade shall be provided. All parts and elements of the suspension, steering, and drive systems that require scheduled lubrication shall be provided with OEM grease fittings. A drive-shaft loop shall be provided at any drive line location that will prevent the drive shaft from whipping in case of u-joint or drive shaft failure. 			
<p>8.1 - REAR AXLE RATIO: Rear axle ratio shall be a minimum of 4.56:1.</p>			
EXCEPTIONS:			
<p>9.0/ - FUEL SYSTEM:</p> <ol style="list-style-type: none"> Fuel fill shall be located on the left side of the vehicle. Fuel tank shall be a minimum of 50 gallons capacity. An easily removable fuel tank access shall be provided through the floor for maintenance purposes. 			
EXCEPTIONS:			

SPECIFICATIONS	Bidder Complies	YES	NO
<p>10.0/ - STEERING AND TURNING RADIUS</p> <ol style="list-style-type: none"> Full power steering, with tilt column/wheel option, shall be provided. The steering mechanism shall be constructed so as to make the wheel free from road shock and vibration. All steering linkage wear points, including tie rod ends, shall be fitted with lubrication fittings and replaceable bushings and/or inserts. Unit shall have a wall to wall turning diameter of no more than 62.5' feet (maximum). Unit shall have a curb to curb ratio not to exceed 59.8' feet maximum. 			
EXCEPTIONS:			
<p>11.0/ - EXHAUST:</p> <ol style="list-style-type: none"> The unit shall be equipped with an exhaust system which meets and/or exceeds United States Government noise level and exhaust emission (smoke and noxious gases) requirements. There shall be a <i>heat shield provided</i> between the tail pipe and fuel tank. The exhaust tail pipe <i>shall extend past</i> the rear axle going to the left side of the bus, the opposite side of the bus from the curb side, exit from the left side of the bus and <i>shall have a 90° turn down</i> installed to deflect exhaust gases downward. All joined exhaust components shall use approved stainless “band clamps” to clamp pipes together. Welded exhaust joints are NOT acceptable. The exhaust tail pipe shall be clear of the fuel fill position. <i>Aluminized steel</i> exhaust components, or better, shall be provided. 			
EXCEPTIONS:			
<p>12.0/ - BRAKES:</p> <ol style="list-style-type: none"> Manufacturer's heavy duty, extreme service, four wheel ABS, hydraulic disc brake system shall be provided. The braking system shall conform to all Federal Motor Vehicle Safety Standards and shall exceed requirements for the design of the GVWR specified. The braking system shall be free of objectionable noise or squeal when applied. 			
EXCEPTIONS:			
<p>13.0/ - INTERIOR TRIM:</p> <ol style="list-style-type: none"> The unit shall be insulated with the manufacturer's <i>heaviest duty factory installed insulation package</i> on the walls, minimum R-8 insulation factor shall be provided elsewhere. All insulation shall be flame retardant and non-toxic. Polyurethane foam is acceptable as an insulation material. The engine compartment shall be insulated from the passenger compartment with chassis manufacturer's optional heavy duty insulation so as to minimize bus interior noise, heat, and fumes. All interior panels, materials, and treatments shall be flame retardant in conformance with FMVSS 302 and treated so as to be easily cleaned. The interior surface shall have a laminated protective surface covered with a minimum 40 mil thick coating of poly urea or approved equal. All protruding hazardous surfaces shall be eliminated through the interior. Interior panels and surfaces shall be easy to clean and maintain. Interior ceiling and side panels shall be made of an light gray FRP material or equivalent. Floor covering edges at all wheelhouses, dash panels, and at all wall joints shall have a durable trim applied, if applicable. 			
EXCEPTIONS:			

SPECIFICATIONS	Bidder Complies	YES	NO
<p>14.0/ - ELECTRICAL SYSTEM:</p> <ol style="list-style-type: none"> 1. The unit shall be equipped with a 12 volt extreme duty electrical system. 2. All components are to be selected and integrated to function in an environment characterized by low engine (alternator) speeds and high amperage draws. 3. A single 225 amp, minimum, OEM alternator system shall be provided. 4. A dual battery system shall be provided and be of heavy duty, maintenance free, and rated at 770 CCA per battery, minimum. 5. A sealed, external hinged door accessible battery box with a slide out stainless steel tray shall be provided. 6. Battery box shall be vented internally and the access door <u>sealed</u> to prevent moisture and road dirt from entering. 7. All accessories and electrical equipment with the exception of the head lights, tail lights, parking lights, emergency flashers, and lift shall be wired through the vehicle ignition switch so as to be operative only with the switch in the "on" or accessory position. 8. All wiring and terminals shall meet or exceed current Federal and State vehicle requirements and must be amply sized for both mechanical strength and current carrying capability. 9. Wiring shall be enclosed in non-metallic loom meeting current S.A.E. standard J562a and be adequately supported and routed for protection from heat, moisture, solvents, corrosion, road debris, abrasion, and tension. 10. Wiring shall be of significant strength to permit positioning, as well as replacement of terminals twice without excessive tension. 11. Protective grommets shall be provided at points where ANY wiring penetrates or passes thru metals or other materials. 12. Grounding of components shall be through polarized, shielded terminals wired to main structural ground points. <i>Grounding through hinged doors or covers is not acceptable.</i> 13. Ground points shall be bolts to main structure free of paint, oil, or rust and they shall be coated with silicone grease/ dielectric compound after fastening. 14. All electrical components which may require servicing or replacement shall be readily accessible through access panels or covers. 15. A complete and thorough wiring diagram(s) shall be provided with each unit. <i>Wiring diagram shall be specific to the unit and not generic in nature.</i> 16. All wiring shall be GXL polyethylene insulated low smoke sufficient gauge copper strand, or better, for the circuit using the wires. 17. Wiring shall be color coded and numbered for identification. 18. All wiring shall be run inside the body in a protected area and shall not interfere with any OEM safety feature such as OEM side curtain airbags. 19. Circuit breakers or fuses shall be enclosed in a electrical panel that shall be easily accessible. 20. A separate panel for add on components shall be easily accessible. 21. An electrical box for the bus body shall be located above the operators position in a compartment with a lockable door. 22. NOTE: Lock wire connectors or scotch locks shall not be allowed on any wiring hookup or connection. 23. All terminal connections shall be stake on type, soldered, or equal, with heat shrink tubing insulating the wiring and terminal. 24. All open connections or blunt cuts are required to be provided with a capping plug or heat shrink to protect connectors or wiring from external contamination. 25. An "Electrical System Rotary Disconnect" shall be provided and easily accessible by the operator within the left side of the cab area. 			
<p>EXCEPTIONS:</p>			

SPECIFICATIONS	Bidder Complies	YES	NO
<p>15.0/ - CLIMATE CONTROL:</p> <ol style="list-style-type: none"> 1. The heating system shall have at least three (3) heaters, one (1) heater, OEM, shall be located in the driver's area and two heater (2) units, Body Company supplied, shall be located in the passenger area. 2. The two passenger area heaters shall be a minimum of 65,000 BTU each and mounted in the rear passenger area under the seats. 3. Control valves to be mounted under the floor so that the hot water supply can be turned 'On" or "Off" to the passenger area heaters and adequately sized with ENGRAVED, weather proof labels mounted on body side to indicate the valve locations. <i>Laminated or printed labels will not be acceptable.</i> 4. Output, location, and fan control of the front passenger area heater shall be OEM manufacturers standard. 5. The rear heater fans shall be independently controlled from two (2) instrument panel mounted individual switches separating rear area fan temperature control. 6. These switches shall be illuminated three (3) position switches for controlling the low, high and off of the fan speeds and clearly identified utilizing engraved labels of each rear passenger area heaters. 7. The unit shall be equipped with roof ventilation/escape hatch nominally centered in the vehicle roof which shall not interfere with the farthest rearward mounting of the roof A/C unit. 8. Roof ventilation/ escape hatch features shall include, but are not limited to, five (5) position ventilation, rubber gasket to prevent leaks, and emergency exit capability. 9. Air conditioning circuits shall be protected with automatic reset circuit breakers or thermal relays. 10. The unit(s) shall be equipped with a <i>dual high capacity air conditioning system</i> adequate to cool both the driver and passenger areas. 11. All controls shall be located in the driver area for ease of operation and clearly identified.. 12. The front AC unit shall be OEM manufacturers standard output, location, and controls. 13. The rear passenger area unit shall be a Thermo-King SLR roof mounted system and the unit is to be mounted as far rearward of the bus roof as possible. 14. The roof mounted unit shall be provided with a forward of unit mounted limb guard to protect the unit from tree branches. 15. Output of the passenger area air conditioner shall be a minimum of 100,000 BTU's. 16. The AC compressor supporting the operation of the rear unit shall be a minimum of a TM31 high capacity compressor. 17. The compressor for the OEM/chassis side of the AC system shall be the most heavy duty available. 18. Both driver and passenger area cooling units shall be capable of maintaining an even interior temperature of 55° degrees Fahrenheit with the bus exterior (outside air temperature) being 95° degrees Fahrenheit at an engine speed of 1,250 RPM minimum. 19. All refrigeration and heating lines that enter the passenger compartment shall be encased in a rigid material, fiberglass, aluminum, etc. that harmonizes with the interior to prevent injury to passengers in the event of line eruption. 20. All air conditioning and heater hoses that pass within twelve (12) inches of the exhaust system shall be shielded in such a manner as to prevent heat damage to them. 21. All air conditioning flexible hose fittings shall be of the crimped type or better. 22. A pressure test to withstand manufacturer's rated burst pressure of A/C hoses and fittings shall be performed and certification of such test shall be included with the delivered unit. 			
<p>EXCEPTIONS:</p>			

SPECIFICATIONS	Bidder Complies	YES	NO
<p>16.0/ - SEATING:</p> <ol style="list-style-type: none"> 1. Freedman mid high, or equivalent, recline type seating shall be provided for a minimum of twenty (20) passengers with the rear row of five (5) seats to be the non-reclining type. 2. Passenger seating shall meet all of the following: <ol style="list-style-type: none"> a. Seats shall have full individual spring suspension for each passenger b. Seats shall have contoured lower back (lumbar) support c. Seats shall be provided with aisle arm rest(molded style) and grab rails on seat back(except rear row) 3. All passenger seats shall be mid high back style and conform to the following dimensional specifications: <ol style="list-style-type: none"> a. Seat width per person shall be 17" inches minimum; b. Seat depth shall be 18½" inches, minimum; c. Seat backs shall be 24" inches, minimum; 26" inches maximum (as measured from the bottom of the seat bottom to the top of the seat back); d. Seats shall have a 10° to 15° degree angle to provide passenger comfort; e. Hip to knee room shall be 27½" inches, minimum; f. Aisle width shall be 16 inches, minimum. 4. All seat covering, padding and seat belt assemblies shall meet FMVSS 302, 207, 209, and 210 requirements. 5. All upholstery material shall be transit duty cloth seat fabric Level 4, minimum, Blue Incense. 6. Foam padding shall be contoured, dense, transit grade polyurethane with a minimum thickness of one and one half (1½") inches. 7. Each passenger position shall be provided with an under seat (USR) mounted retractable passenger restraint lap belt to hold passengers in a secured seated position during normal operations. 8. The length of each seat belt shall to be sufficient to accommodate a very large adult. 9. A minimum of ten (10) seat belt extenders shall be provided and include a wall mounted storage bag. 10. All seat isle side backs shall incorporate a top of center seat back hand hold. 11. Drivers seat shall be provided with a retractable lap belt, shoulder harness, and seat belt extension. 12. Driver's seat should have the following options provided: <ol style="list-style-type: none"> a. Gray cloth covered b. Mechanically adjustable lumbar support c. 4 way adjustable headrest d. ABS plastic back shell e. Fully enclosing ABS seat skirt and lower mechanism shell f. 6 way power seat base g. Folding right arm rest 13. Refer to seating diagram on page 21 for floor plan clarification. 			

EXCEPTIONS:

SPECIFICATIONS	Bidder Complies	YES	NO
<p>17.0/ - DOORS:</p> <ol style="list-style-type: none"> The unit (s) shall be equipped with a standard chassis manufacturer provided front driver door with keyed power door lock and power window. An electrically controlled double out style passenger entry/ exit door shall be provided with emergency release provision and located on curb side of vehicle. This passenger entry door shall have a clear opening width of thirty nine by seventy five height (39"x77") inches, minimum. The passenger door shall have "walk-in" headroom as measured from the top of the front step to the entrance header and a minimum of 75". The passenger door shall have single tinted windows that conform to all applicable Federal and State Motor Vehicle Safety Standards. An exterior waterproof keyed and ENGRAVED labeled switch shall be provided for operating the passenger double out style door. Laminated or printed labels will not be acceptable. The switch key slot shall be vertically indexed in the center off position and function labeled. The double out passenger door shall have tinted windows that conform to all applicable Federal and State Motor Vehicle Safety Standards. A minimum of four (4) sets of keys with Remote Control FOBS shall be supplied for all doors and ignition. All doors shall be properly sealed to prevent entry of air drafts and water into vehicle interior, including spray from commercial vehicle wash equipment and driven rain. Materials used for weather seals shall be designed to withstand varying temperature extremes, road splash, salt and other elements. The curbside passenger entry/ exit door(s) shall be provided with grab rails to assist passenger entry or exit. 			
EXCEPTIONS:			
<p>18.0/ - WINDSHIELD AND WINDOWS:</p> <ol style="list-style-type: none"> The windshield shall be laminated safety glass. Manufacturer's standard windshield wipers with intermittent feature shall be provided. Passenger windows shall be "Top T" slider type transit windows capable of opening to ensure ventilation and shall measure a minimum of 36" x 36". One hinged emergency escape window shall be provided on each side and rear of the bus for a total of three(3) emergency windows. Emergency windows shall be clearly labeled and operating instructions shall be clearly visible. Emergency windows shall be provided with RED location indicator lights above all emergency exits. All windows shall be designed and installed in compliance with FMVSS 217. All passenger windows shall be tempered or laminated safety glass. All side and rear windows shall be dark tinted to a minimum of 31%, maximum of 50%, light transmission. All glazing and windows shall meet all applicable Federal and State Motor Vehicle Safety Standards. 			
EXCEPTIONS:			
<p>19.0/ - INTERIOR LIGHTING:</p> <ol style="list-style-type: none"> Interior shall be illuminated so as to provide a minimum of 12 ft. candles of illumination as measured at thirty six (36") inches above the floor. A minimum of six (6) interior LED light sets, operator controlled shall be provided. Driver controlled override switching shall be provided to allow operation of all interior lighting when passenger door is closed. The basic interior bus lighting configuration shall include the following: <ol style="list-style-type: none"> A driver's compartment dome light; Instrument panel lights; Control panel back lighting; A minimum of six (6) LED lighting arrays for the passenger area; A step well light that adequately illuminates the step well area with the door open (wired to automatically activate when the passenger door is opened). Lighting shall be designed and located so that no glare is reflected into the driver's eyes or his line of vision from the switch control panel or other areas that are illuminated while the vehicle is in motion. 			
EXCEPTIONS:			

SPECIFICATIONS	Bidder Complies	YES	NO
<p>20.0/ - EXTERIOR LIGHTING:</p> <ol style="list-style-type: none"> 1. All exterior lights must meet State and Federal D.O.T. and FMVSS Requirements and Standards. 2. All exterior vehicle lighting shall be of the LED type to include marker, stop/tail, directional, backup, retractable ramp and clearance lighting. Sealed beam headlights with column mounted high and low beam control shall be provided. 3. Directional signals shall be operated by a lever on the left side of the steering column. 4. An additional, above rear window, centerline mounted, LED "Third Brake Light" shall be provided and shall operate in conjunction with vehicle stop light system. 5. Hazard warning lights incorporating the directional signals shall be provided. 6. The flasher unit for the directional signals and emergency flashers shall be replaceable from inside the vehicle and shall be of solid state, plug-in design. 7. Two (2) amber, 7" round, rearward high mounted, rearward facing, flashing LED lights shall be provided and shall work with vehicle emergency flashers. 8. An illuminated rear license plate bracket shall be provided on the rear of the vehicle. 9. Two (2) back-up lights shall be provided. 10. Additional heavy duty reflectors shall be provided on all body corners. <i>Stick on tape reflectors are not acceptable.</i> 11. Four (4) red reflectors on rear and four (4) side reflectors, two on each side of the vehicle, amber front and red rear, shall be provided. 12. LED, body side left and right, mid-ship directional turn / intermediate domed marker lights wired to operate with the park lights and front directional signal lights shall be provided and meet DOT "E" and P2 rating. 			

EXCEPTIONS:

<p>21.0/ - PAINT , GRAPHICS, AND UNDERCOATING:</p> <ol style="list-style-type: none"> 1. Exterior paint shall be urethane enamel with clear coating or equal and match the existing Kingsport Fleet for color and stripe graphics. 2. Under side of floor shall be sprayed with a protective coat of Poly Urea, or approved equal, to a thickness of 30 mils. 3. All body substructure shall be E- coated, or better, for corrosion protection to 1,500 hour salt spray test. 4. Paint and graphics scheme information shall be provided by the City of Kingsport and installed by the manufacturer or awarded vendor. 5. A five (5) year, 50,000 mile (minimum) rust proof warranty shall be provided. 			
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EXCEPTIONS:

<p>22.0/ - STANCHIONS/GRAB RAILS/ OVERHEAD PARCEL RACK STSYSTEM:</p> <ol style="list-style-type: none"> 1. Stanchions, grab rails and hand rails shall be a minimum 1 1/4" inches in diameter and shall be constructed of stainless steel or stainless steel clad tubing. 2. All grab rails, stanchions and hardware shall be rust proof through out their useful life. 3. All stanchions shall be floor to ceiling in structural members. 4. Horizontal grab rails shall be provided at both sides of the entrance door within reach from the ground to assist passengers in both boarding and alighting. 5. Grab rails shall be mounted to stanchions and sidewalls. 6. Left and right side passenger area modesty panels shall be provided and should be rectangular in shape and be constructed from a 3/8" high density polyethylene finish or equivalent. 7. A vertical stanchion and modesty panel shall be installed at the rear of the passenger door entry way at the rear of the step well. 8. A driver modesty panel, with vertical stanchion shall be provided behind the drivers seat. 9. The driver panel stanchion and the passenger entry way grab handle vertical stanchion shall be provided with a minimum of twenty five (25") inches clearance to allow driver to enter the drivers station with ease from the passengers area. 10. The edge of all panels shall be smooth and provided with rounded corners and no objects or hardware protruding through any modesty panel. 11. In no circumstance shall any protrusions or sharp edges of any kind be allowed on any passenger area component, which includes any retaining hardware. 12. Overhead grab rails shall be provided the entire length of the aisle way on both left and right sides of the passenger area. 13. Overhead, solid bottom parcel racks, shall be provided full length on both left and right sides of the bus. 14. Independently controlled, with on/off switch, reading lights shall be provided for each passenger seated position. 			
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EXCEPTIONS:

SPECIFICATIONS	Bidder Complies	YES	NO
<p>23.0/ - MIRRORS:</p> <ol style="list-style-type: none"> 1. Unit shall be equipped with left and right, heated with remote control, rear view mirrors. 2. Mirrors should be "Euro Style" with a minimum overall housing size of 15" x 8", with upper mirror glass to be flat and approx 9.5" x 7" with lower mirror glass to be CONVEX and approx 7" x 4". 3. A convex mirror mounted below primary mirror of no less than 6" inches shall be provided, if combination mirror not provided. 4. An adjustable panoramic style rear view mirror shall be provided within easy reach and view of the driver to monitor rear passenger area activity. 			
EXCEPTIONS:			
<p>24.0/ - SIDE WALL AND REAR WALL CONSTRUCTION:</p> <p>The following specifications are to illustrate the desired body design and manufacture of the unit to be purchased.</p> <ol style="list-style-type: none"> 1. There shall be one 1½" x 1½" horizontal 16 gauge steel tube below the window line and one 1½" x 2½" 14 gauge tube at the floor level. 2. There shall be one 1½" x 1½" horizontal 16 gauge steel tube at the top sidewall forming the top edge of the wall. 3. Steel structure shall extend below the floor level to the lowest point in the sidewall. 4. Wall structure which ends at the floor line is not acceptable. 5. Lower skirts that are not an integral part of the sidewall are not permitted. 6. Vertical steel 16 gauge square tubing nominal dimensions 1½" x 1½". 7. Vertical steel ribs shall consist of one (1) 1½" x 2" 16 gauge steel spaced at the sides of each window opening. 8. Two (2) 1½" x 1½" 16 gauge steel tubes are required at the front of the sidewall to form the front & rear of the door opening. 9. One (1) 1½" x 1½" 16 gauge steel tube is welded vertically at the midpoint of each window with a width greater than 24 inches connecting the horizontal tube welded below the window line and the horizontal tube that is welded at the floor line. 10. Horizontal steel tubes shall be welded to the vertical steel tubes. 11. The entire steel structure shall be bonded and bolted together with structural bonding adhesive; any other method of assembling the steel cage will not be accepted. 12. Exterior skin shall be FRP composite skin laminated to a moisture resistant (less than 1% absorption) substrate (not luan) attached to the steel cage with urethane adhesive. 13. Luan or other wood products will not be permitted in the exterior or interior sidewall or rear wall structure. 14. Rear of the bus shall have vacuum formed caps bonded to a FRP composite skin laminated to a moisture resistant (less than 1% absorption) substrate (not luan) attached to the steel cage with urethane adhesive or a full Fiberglass panel. 15. The LED lighting shall be mounted to the vacuum formed or fiberglass caps. 			
EXCEPTIONS:			

SPECIFICATIONS	Bidder Complies	YES	NO
<p>25.0/ - FLOOR AND ROOF CONSTRUCTION:</p> <p>The following specifications are to illustrate the desired body design and manufacture of the unit to be purchased.</p> <ol style="list-style-type: none"> 1. Steel sub floor cross members shall be 2" x 2", 14 gauge steel tubing. 2. Steel sub floor structure shall be isolated from the chassis by means of OEM rubber isolation pucks. 3. The sub floor shall be bolted through these rubber pucks to the chassis rails. 4. Body shall be mounted directly over the chassis frame to provide an integrated body chassis mounting. Any other mounting system is not acceptable. 5. Flooring shall be 5/8" thick single piece, engineered wood with moisture barrier laminated to upper surface, with moisture sealed edges. 6. The underside of the flooring shall be sprayed with a Poly-Urea coating (material thickness of 40 mils). 7. A sealant shall be installed in body to floor corners to provide a water tight seal as an aid in floor cleaning. 8. Interior floor/lower side wall covering shall be seamless sprayed-in Poly-Urea coating (Material thickness of 50 mils), for durability and which will allow the floor to be cleaned with a hose if desired. 9. The Poly-Urea coating will also cover the area around the ramp (but not the ramp platform itself). 10. The cab floor shall be chassis OEM insulated floor covering. Any other types of floor coverings are not acceptable. 11. The body floor covering shall be wall-to-wall, one piece, fire resistant, slip resistant, transit quality, Altro Color: Meta Storm and a minimum of 2.7 mm thick, flooring securely bonded to the plywood floor with waterproof type adhesive. 12. All edges of the body floor covering shall be properly sealed and shall have coving sticks installed to provide sharp, even corners/edges to the one piece floor covering. 13. Coving strips are required. 14. There shall be no bubbles or blisters in the floor covering. 13. Steel 1½" x 1½", 16 gauge, minimum, square tubing bent to the radius of the roof shall be provided for the roof. 14. Roof bows shall be bent square steel tubing. Traditional roof bows with or without capped top covers are not allowed. 15. All roof cross members shall be a minimum 16 gauge steel, spaced no more than 24" apart or two (2) 1½" x 1½" tubing welded together. 16. One (1) 1½" x 1½" tube installed to form the center longitudinal members front to rear of roof structure shall be provided. 17. The outer edge of the roof structure shall consist of one (1) 1½" x 1½", 16 gauge steel tube running the length of the roof welded to the roof bow steel tubes and bonded with structural bonding and four(4) weld studs to the 1½" x 1½" steel tube that forms the top of the sidewall structure. 18. Exterior roof surface shall be fiberglass formed in a single piece that extends across the roof from rain gutter to rain gutter. 19. The roof surface base material shall be Azdel with FRP and will be attached to the roof bows using urethane adhesive. 20. Seams shall only be allowed at the junction of the front cap and the junction of the rear cap. Any other seams on the exterior of the roof will not be permitted. 			
<p>EXCEPTIONS:</p>			
<p>26.0/ - STEP WELL / STEP TREADS:</p> <ol style="list-style-type: none"> 1. A (4) four-step step well, providing 75" headroom, constructed of reinforced fiberglass, or better, should be provided and securely fastened to the floor and sidewall substructure. 2. Step height from ground to first step should not exceed twelve inches (12"). 3. The steps at the front passenger entrance should be covered with three sixteenth inch (3/16") ribbed flooring. 4. All entrance and exit step treads shall include an aluminum step nosing . 			
<p>EXCEPTIONS:</p>			

SPECIFICATIONS	Bidder Complies	YES	NO
<p>26.0/ - EXTERIOR BODY CONSTRUCTION:</p> <ol style="list-style-type: none"> 1. The <u>bidder shall provide City of Kingsport a complete set of photographs of the proposed bus, design statement and supporting documentation</u> of the bidder's claim that bus will meet or exceed requirements. 2. Exterior panels shall be smooth and free of wrinkles and all visible fasteners. 3. Roof structural support members shall be equivalent to 3/4" x 3/4" 16 gauge and/or 3/4" x 1 1/2" 14 gauge steel tubing cage bows. 4. Rain gutters will be provided above front and rear doors and side windows. 5. Wheelhouses shall be constructed of steel (16 gauge minimum), or equivalent and treated for corrosion resistance. 6. Wheelhouses shall have sound deadening material to prevent road noise transmission to passenger compartment. 7. Wheelhouses shall have sufficient clearance for air circulation and the installation of tire chains. 8. Splash aprons shall be installed behind each wheel, three inches from ground. 9. Rear fender extensions shall be provided. 10. Molded rubber or approved equal material is acceptable for the fender extensions. 11. Bumper brackets will be constructed in a manner to allow for vehicle towing and to support vehicle on jack stands. 12. Access panels shall be provided to service transmission, engine, radiator, battery and air conditioning components. 13. Certified copy of FMVSS rollover protection test results for this type of vehicle shall be submitted with the bid documents. 			
<p>EXCEPTIONS:</p>			
<p>27.0/ - MISCELLANEOUS:</p> <ol style="list-style-type: none"> 1. Vehicle cooling system shall be supplied with permanent ethylene glycol anti-freeze protection to 35° degrees Fahrenheit or below. 2. Indicating devices (dash instrumentation) shall be gauge type, "tell tale" lights not acceptable, and shall include at a minimum the following: voltmeter; oil pressure gauge (manual); engine temperature gauge; fuel tank level gauge; electronic speedometer with odometer. 3. A minimum 7" LCD Screen and Backup Camera system shall be provided. 4. Two (2) dual tone horns shall be provided. 5. Drivers sun visor shall be provided. 6. Driver coat hook and strap shall be provided in driver area. 7. Driver's area to have all switches on dash and no drivers' console, for excellent driver space to allow driver to get up inside the bus to assist passengers 8. Vehicle shall be equipped with rear of front tire front and rear of rear tire mud flaps. 9. An automatic and manual (combined) fast-idle mechanism shall be provided with vehicle and have the ability to ramp engine speed up to 600 RPM above base idle. 10. OEM Cruise control shall be provided. 11. A minimum five (5) pound mounted dry powder type fire extinguisher, with gauge, UL approved, shall be provided. 12. A bracket to securely hold fire extinguisher inside of vehicle shall be provided. 13. A three (3) triangle reflector kit shall be provided. 14. A 24-unit first aid kit shall be provided. 15. Body fluids kit shall be provided. 			
<p>EXCEPTIONS:</p>			
<p>28.0/ - RADIO AND PUBLIC ADDRESS SYSTEM:</p> <ol style="list-style-type: none"> 1. A microphone/PA, AM/FM CD radio system with a minimum of six (6) speakers shall be provided. 2. An external PA speaker shall be provided and integrated into the sound system and a separate dash mounted on/off switch. 			
<p>EXCEPTIONS:</p>			

SPECIFICATIONS	Bidder Complies	YES	NO
<p>29.0/ - BATTERY CHARGING AND MAINTENANCE SYSTEM:</p> <ol style="list-style-type: none"> 1. Vendor shall provided a Dual Charge Brand “Pro Charge PS1 or PS2” battery charging and maintenance system. 2. The unit(s) shall be fully installed as per manufacturer’s directions and ready for full use on vehicle delivery and provide a charging bank per battery supplied. 3. The system shall be approved for Wet Cell and AGM batteries. 4. The unit shall be capable of producing a minimum of 15 amps per bank and a 15 amp bank per battery shall be supplied. 5. The unit shall be repairable, waterproof, and of weatherproof construction with fully automatic / multi stage charging capability and have a battery maintenance mode. 6. The charger shall have the ability to provide on-board diagnostic codes to determine battery condition as well as provide temperature compensated battery recharging. 7. The charger shall provide LED lights to indicate the state of charge of the battery’s. 8. The unit shall be reverse polarity protected. 9. A mounted metal, weather proof, three prong, 110V receptacle connection shall be provided for the battery charger/maintainer. 10. The connector shall be flush, body mounted behind the right front wheel. 11. The unit shall be in cab mounted and easily viewable by the operator or servicing technician as specified by the City of Kingsport. 			

EXCEPTIONS:

SPECIFICATIONS	Bidder Complies	YES	NO
<p>30.0/ - SECURITY VIDEO SYSTEM:</p> <ol style="list-style-type: none"> 1. Vendor shall supply a digital video system similar in design and performance characteristics to the fanless cooled Digital BUS-WATCH model "DBW R8001" and shall be embedded Mobile DVR PC platform solution supporting up to 8 day/night camera inputs. 2. The system shall be of a unique compact rugged design to meet the demands of harsh mobile environments. 3. The mobile DVR system provided shall feature the latest technologies including removable USB Hard Disk Drive Modules. 4. The City of Kingsport shall provide the required DVR and the day/night camera mounting locations. 5. The features of the video system shall also include the following: <ol style="list-style-type: none"> a. Ultra compact extruded aluminum housing, extremely low weight, high temperature and vibration resistant with low-voltage, low-current architecture designed for harsh mobile environments b. One (1) 500 GB, minimum, 2.5" USB removable hard drive module is required and shall include tamper proof lock and secure controls with individual wire connections for audio, video, power, inputs / outputs, and accessory assemblies and provided with internal anti-vibration and shock resistance c. 12V, 1Amp regulated power for use with cameras, inputs / outputs, and accessory assembly's and full support for NTSC or PAL d. Communications shall be supported through a TCP / IP network interface and a USB connection to PCs with hand-held, IR remote control with On-Screen Display (OSD) for configuration and control of the DVR e. 8 channels shall be provided for video input, full-motion (30fps/camera) continuous video recording and display 8 channels for high-fidelity, digitally recorded, synchronized audio matched to 8 video channels f. Unit shall provide secure, constant recording while system is powered with event bookmarks for searching g. The DVR shall utilize MPEG-4 video compression for high quality and low storage requirements h. User-selectable settings shall be provided for quality and audio record enable/ disable for each video channel and shall be capable of multi-level password protection for settings, playback, and remote access i. The power supply for cameras, sensors, relays and other accessories shall be integrated into the system and the power filtered j. The unit shall have a selectable idle frame rate with selectable event-triggered burst recording speeds up to 30fps / camera k. Multiple alarm inputs and relay outputs with selectable pre-alarm and post-alarm recording with full event logging of every operation controlled by the DVR shall be provided l. The DVR shall have an Ethernet port on the front panel for easy video retrieval on the vehicle with a notebook computer m. The DVR and Removable Hard Drives both shall have USB 2.0 connections for fast file transfer utilizing PC-based file format n. Easy to use PC-Based software application shall be provided for playback, file transfer, archiving management, and video file format conversion o. Vehicle management PC software shall interpret audio, video, and vehicle data for driver and vehicle use assessment. p. Video event search software shall allow intelligent searching of video based on event information q. An external 3-axis inertia sensor shall be provided for overlay or trigger of video-matched motion events for accident reconstruction. 6. Cameras : <ol style="list-style-type: none"> a. All interior cameras will be day/ night type with audio capability. b. Camera location diagram (Page 19) specifies the camera lens size and directional requirements of each camera. 			
EXCEPTIONS:			

SPECIFICATIONS	Bidder Complies	YES	NO
31.0/ - MANUALS: 1. Two sets of owner/operator manuals, parts books, wiring diagrams, maintenance manuals, repair manuals, and other necessary technical information shall be provided at the time of delivery of the unit to the City of Kingsport. 2. All testing tools and software for engine, transmission, ABS brakes, and A/C shall be supplied to include a adapter cables. 3. This standard shall be applicable to the completed unit as equipped.			

THERE ARE NO EXCEPTIONS ALLOWED TO THIS SPECIFICATION

32.0/ - WARRANTY: 1. Manufacturer's standard chassis warranty shall be applicable to this vehicle as equipped. (12 months, 12,000 mile minimum). 2. Manufacturer or vendor shall be required to reimburse any expenses incurred by the City covering transport labor cost or shipment charges on any body/chassis and/or air conditioning component failure when component manufacturer requires an "Authorized dealer repair only" and when the authorized repair facility extends beyond a fifty (50) mile radius of the City of Kingsport city limits. 3. Warranty coverage against paint chipping, peeling, or rust on body shall be for a minimum of five (5) years and covered (100% parts and labor) by the awarded vendor. 4. Warranty against body water leakage shall be for a minimum of 7 years and shall be covered (100% parts and labor) by the awarded vendor. 5. Frame rail warranty shall cover rail deformation, cracking, or any other failure that would hamper the structural integrity of the unit for the life of the unit and shall be repaired at the expense (100% parts and labor) by the awarded vendor. 6. Towing and hauling service to a repair facility shall be provided at "no cost"to the City of Kingsport throughout the complete warranty period of the unit on any of the incorporated components or attachments on the unit. 7. The awarded vendor shall be required to reimburse the City of Kingsport for any and all unit warranty repair expenses, to include towing or hauling services, incurred by the City of Kingsport during the warranty period. 8. Reimbursement to the City shall occur within a maximum of 30 days of notification of a reimbursement claim by the City. 9. Awarded vendor shall agree to perform, or have performed, any and all warranty work on the unit and any installed attachment(s) or unit component throughout the complete warranty period which will begin at the time the unit(s) are placed into active service. 10. This specifications requires manufacturer's delayed warranty start. 11. Warranty claims of any unit, component, or attachment shall be addressed within a period 3 days from time of notification by the awarded vendor. 12. Awarded vendor shall insure successful completion of any warranty repair within 10 business days from time of notification. 13. This warranty specification shall be honored in conjunction with any manufacturer's standard warranty regardless of exclusions.		
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EXCEPTIONS:
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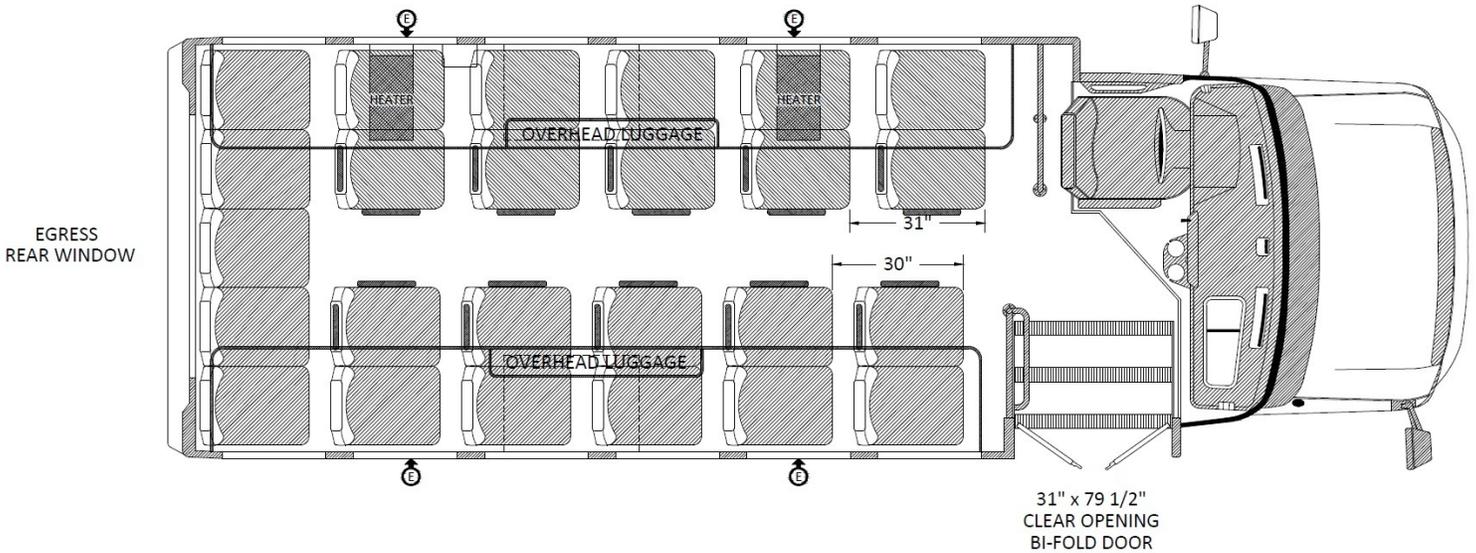
SPECIFICATIONS	Bidder Complies	YES	NO
<p>33.0/ - DELIVERY:</p> <ol style="list-style-type: none"> 1. Unit(s) shall be delivered complete with all provided options installed and a full tank of fuel. 2. The Diesel Exhaust Fluid tank shall be full if applicable to the unit(s). 3. Unit(s) shall be delivered complete with NO dealer advertising logos affixed to the interior or exterior of the unit(s) prior to delivery. 4. Delivered unit(s) shall come with all required paperwork to complete the purchase and registration process and shall include at a minimum: <ol style="list-style-type: none"> a. Invoice b. Mileage Statement (if applicable) c. Manufacturer's Statement of Origin (MSO)(if applicable). 5. Delivery acceptance of unit(s) may be refused if any part of the awarded specifications are not maintained. 6. Delivery acceptance of unit(s) may and can be refused if any device, feature, system or component is deemed as unsafe to the operator and/or the general public as determined by the City of Kingsport's knowledge or experience. 7. Delivered unit(s) are required to complete an acceptance inspection (school buses will require the additional State of Tennessee inspection) and shall be inspected against awarded specifications as a total unit, irregardless of multiple manufacturer contributions to the completed elements of the unit(s), before acceptance is granted. 8. Bidder misunderstanding and/or misinterpretation which results in an unsatisfactory bid or final delivered product is not the responsibility of the City of Kingsport. 9. The City of Kingsport shall have the sole interpretation of the bid requirements and shall have final determination whether submitted bids and/or the final product delivered satisfy the requirements of the bid. 10. All awarded bids shall be subject to final inspection of the unit(s) ordered by the Fleet Manager, or designee, and must be compliant with all bid requirements prior to acceptance of the unit(s) and final payment. 11. Any non-compliant unit(s) must be made compliant at the expense of the awarded bidder and within a reasonable time frame, as determined by the City of Kingsport. 12. Misinterpretation of the specifications by the vendor or failure to supply the appropriately equipped unit(s) specified or intended, based on the City of Kingsport's interpretation, shall be corrected to the benefit of the City of Kingsport by the awarded bidder at the bidders expense. 13. In all cases the City of Kingsport's interpretation and definition of unit(s) specifications and requirements shall be the final determination of a successful final inspection and compliance with awarded specifications before unit acceptance will be granted. 14. Failure to provide the requested documentation on delivery shall be considered as non-compliance to awarded specifications and allows the City of Kingsport the right to refuse acceptance. 			

THERE ARE NO EXCEPTIONS ALLOWED TO THIS SPECIFICATION

<p>34.0/ - TRAINING:</p> <ol style="list-style-type: none"> 1. Successful bidder shall provide a minimum of three (3) hours of operator training at a Kingsport location. 2. This training shall present the manufactures required operator maintenance procedures and offer the operator full knowledge of the practices required for the successful, lifelong operation of the proposed vehicle. 3. This training shall be provided within one (1) month of in service activation of the unit(s). 			
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THERE ARE NO EXCEPTIONS ALLOWED TO THIS SPECIFICATION

Seating Diagram/ Floor Plan



Security Camera Plan

External camera
8mm Angled
Downward

