

## 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: 32/25/19  
F.O.B. Kingsport  
"  
Total Number of Pages: 16

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 20, 2019, 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 "SPECIAL EDUCATION TYPE "D" DIESEL POWERED SCHOOL BUSES" AND DATE OF THE BID OPENING.

### READ TERMS AND CONDITIONS BEFORE COMPLETING THIS FORM

Item	Quantity	U/I	Description	Unit Price	Total Price
01	2	EA	SCHOOL BUSES, DIESEL POWERED, TYPE 'D' SPECIAL EDUCATION		
02	1	EA	TRADE IN ALLOWANCE VEHICLE # 1437		
02	1	EA	TRADE IN ALLOWANCE VEHICLE # 1438		
			BRAND/MODEL  _____		
			<p>Delivery Terms:</p> <ol style="list-style-type: none"> <li>1. Delivery no later than _____ business days after acceptance of order which shall be defined as purchase order date.</li> <li>2. The Fleet Maintenance Department will complete vehicle inspection to insure compliance with specifications within ___10___ business days after delivery.</li> <li>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 ___15___ business days after notified by the Fleet Manager.</li> </ol>		

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. Each bid will be placed in a separate envelope. Be sure the envelope is completely and properly identified and sealed. Telephone bids or fax bids will not 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 opening of bids.
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. This Bid includes an option to allow the City of Kingsport the right to purchase additional vehicles/equipment. The City's use of this option will be dependent upon the price offered by the vendor and the availability of funding. The City may exercise this option clause for a period of twelve (12) months after the award of the Bid. The City is aware that costs may increase for vehicle/equipment manufacture and delivery, and therefore a price adjustment for unit cost may be negotiated between the two parties. Documentation of cost increase is to be provided to the City by the Awarded Bidder as requested.

21. 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 re-bid at the end of any contract period.
22. 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.
23. 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.
24. 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.
25. 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.
26. 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.
27. 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.
28. 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.      City # 1437 2000 BLUEBIRD 72 PASSENGER BUS  
                    VIN# 1BABHCPA9YF094836  
                    City # 1438 2000 BLUEBIRD 72 PASSENGER BUS  
                    VIN# 1BABHCPA0YF094837
5. OPTIONAL EQUIPMENT. Optional Equipment selection will be at the discretion of the City.
6. Specifications. SEE: Vehicle Specifications – Eleven (11) pages.
7. Bidder is requested to fill out the Bid Form and attach a completed copy of the specifications (Pages 6 –16) 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.



**EQUIPMENT SPECIFICATIONS  
SCHOOL BUS - DIESEL POWERED  
TYPE "D"  
SPECIAL EDUCATION**

The unit(s) to be furnished under this proposal shall be diesel powered, forward engine, transit type (Type "D") School Bus(s). The unit(s) shall be equipped to accommodate ambulatory and wheelchair bound students. The unit(s) as delivered shall be in full compliance with all State of Tennessee, N.E.A., and Federal Minimum School Bus Specifications.

*Compliance with specifications shall be so noted in the yes or no columns provided. Any addition, deletion, or variation from the following specifications must be so stated in the space provided. These specifications are to be construed as minimum, however, any and all exceptions will be weighed carefully against the City's needs, resources, and experiences. These specifications also require the bidder to furnish descriptive literature, complete specifications, and all other necessary data on the equipment proposed by said bidder.*

SPECIFICATIONS	Bidder Complies	YES	NO
<b>1.0/ - GENERAL SPECIFICATIONS:</b>			
1. Latest current production model diesel powered, forward engine, small transit type (Type "D") School 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 vehicle manufacturer(s); whether specified herein or not, shall be considered as required.			
3. All vehicles "as delivered" shall be in full compliance with all State of Tennessee and Federal Minimum School Bus Specifications.			
4. All vehicles "as delivered" shall be in full compliance with all local system requirements as well.			
5. 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, and manufacturing standards as outlined by SAE, ANSI, AWSI, FMVSS and related organizations or standards agencies.			
6. This unit(s) and attachments shall embody the highest quality materials and workmanship available.			
<b>EXCEPTIONS:</b>			
<b>2.0/ - G.V.W.R.:</b> The G.V.W.R. shall be a minimum of 31,000 pounds.			
<b>EXCEPTIONS:</b>			
<b>3.0/ - WHEELBASE:</b>			
1. The wheelbase shall not be greater than 170 inches.			
2. The turning radius should not exceed 33 feet.			
<b>EXCEPTIONS:</b>			
<b>4.0/ - G.A.W.R.</b>			
1. <b>Front:</b> The front axle shall be rated at 10,000 pounds, minimum. Appropriately rated spring type suspension with dual action shock absorbers shall be provided.			
2. <b>Rear:</b> The rear axle shall be rated at 21,000 pounds, minimum. Appropriately rated air type suspension with dual action shock absorbers shall be provided.			
<b>EXCEPTIONS:</b>			

SPECIFICATIONS	Bidder Complies	YES	NO
<p><b>5.0/ - ENGINE:</b></p> <ol style="list-style-type: none"> <li>1. Naturally aspirated or turbo-charged electronic diesel engine developing a minimum of 220 horsepower @ 2,700 RPM's shall be provided.</li> <li>2. Minimum torque rating shall be 520 ft. lbs.</li> <li>3. Engine shall be equipped with an engine block heater (750 WATT, minimum) and plug for cold weather starting (press fitted block heaters are <b>NOT</b> acceptable).</li> <li>4. Engine block heater receptacle shall be located in the body at the right front door.</li> <li>5. Engine fueling system shall be equipped with a fuel-water separator.</li> <li>6. The engine shall be equipped with a dual element air cleaner with an air restriction gauge and a "clutch" type fan drive.</li> <li>7. The air filter should be of canister type similar to a "Nelson" or "Donaldson" and the element may be replaced by removing the canister top and a "wing nut" and without having to remove the entire filter canister assembly.</li> <li>8. The process for air filter replacement shall take less than 10 minutes total time.</li> <li>9. Engine tachometer and hour-meter shall be supplied.</li> <li>10. Vendor shall supply diagnostic software, with appropriate attachment leads, which would be loaded on a laptop computer and be used for engine and transmission diagnostics.</li> <li>11. Software shall be compatible to the engine and transmission supplied in the awarded unit(s).</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>6.0/ - COOLING SYSTEM:</b></p> <ol style="list-style-type: none"> <li>1. Heavy duty cooling system with electrically operated type fan clutch shall be provided.</li> <li>2. Cooling system shall be protected to a minimum of -30° Fahrenheit with an ethylene glycol based antifreeze.</li> <li>3. All coolant hoses shall be Gates "Blue Stripe" or equivalent.</li> <li>4. All cooling system hose clamps and heater hose clamps shall be of the stainless, constant torque type regardless of hose , position, or manufacturer and is required on all hoses larger than 5/16 " inside diameter.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>7.0/ - EXHAUST:</b></p> <ol style="list-style-type: none"> <li>1. The exhaust system shall extend to the rear of the unit(s) and <u>under</u> the bumper area.</li> <li>2. A forty five degree (45°) turn down, to deflect exhaust gases toward the ground, shall be installed on the end of the tailpipe.</li> <li>3. The Regeneration System shall be provided with an operator controlled manual regeneration switch that will allow the operator to do a "Forced Parked Regeneration" of the Diesel Particulate Filter.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>8.0/ - TRANSMISSION:</b></p> <ol style="list-style-type: none"> <li>1. An Allison model "PTS2500" (or equal by other manufacturers) shall be provided.</li> <li>2. Rear end gear ratio shall be no less than 5.29:1.</li> <li>3. A solid state, reverse gear activated back-up alarm shall be provided.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>9.0/ - FUEL TANK:</b></p> <ol style="list-style-type: none"> <li>1. Fuel tank shall have a capacity of 60 U.S. gallons (minimum) and shall be mounted between the frame rails.</li> <li>2. Fuel tank shall be equipped with a locking door.</li> <li>3. A floor mounted inspection plate shall be provided so that the top of the tank can be accessed for repair and maintenance purposes.</li> </ol>			
<b>EXCEPTIONS:</b>			

SPECIFICATIONS	Bidder Complies	YES	NO
<p><b>10.0/ - BRAKES:</b></p> <ol style="list-style-type: none"> <li>Full air, ABS (four sensor), "S" cam type brakes (16 x 6 front; 16.5 x 7 rear, minimum) shall be provided. (Please note: air disc is acceptable.)</li> <li>Haldex, or equivalent, automatic type slack adjuster is required.</li> <li>Brake system shall be equipped with the manufacturer's optional air dryer system similar in design and performance characteristics to the Bendix AD-9.</li> <li>Air dryer shall be of the serviceable, replaceable desiccant type with accessible automatic purge valve to expel moisture upon completion of the air collection cycle of the air compressor.</li> <li>Discharge valve and purge valve shall be readily accessed and easily replaceable from the exterior of the unit.</li> <li>The air compressor shall be rated at 13.2 C.F.M. minimum.</li> <li>A centralized air tank drain compartment shall be provided to drain water from chassis reservoir tanks.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>11.0/ - STEERING:</b></p> <ol style="list-style-type: none"> <li>Steering shall be full power assist type.</li> <li>An adjustable steering column shall be provided.</li> <li>A means of lubricating all wear points shall be provided.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>12.0/ - HORNS:</b></p> <ol style="list-style-type: none"> <li>Dual electric horns complying with SAE J-377 test results shall be provided.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>13.0/ - WINDSHIELD WIPERS AND WASHERS:</b></p> <ol style="list-style-type: none"> <li>Two speed electric wipers with intermittent feature shall be provided.</li> <li>Windshield washers with large capacity reservoir shall be provided.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>14.0/ - THROTTLE:</b></p> <ol style="list-style-type: none"> <li>Dash mounted electronic throttle control shall be provided.</li> <li>Manufacturer's standard cruise control shall be provided.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>15.0/ - TOW HOOKS:</b></p> <ol style="list-style-type: none"> <li>Front of frame and rear of frame mounted tow hooks shall be provided.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>16.0/ - TIRES AND WHEELS:</b></p> <ol style="list-style-type: none"> <li>All tires shall be low profile (255/70R x 22.5, 14 ply, minimum) shall be radial, tubeless type, mounted on heavy duty steel rims.</li> <li>Front tires shall be highway tread design.</li> <li>Rear tires shall be mud and snow type tread design.</li> <li>Wheels shall be heavy duty steel disc type.</li> <li>Rim mounted spare tire with highway type tread design be provided with each unit.</li> <li>Tires, rims and wheels shall be appropriately rated for the G.V.W.R. of the unit.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>17.0 - MUD FLAPS:</b> Mud flaps shall be provided, front and rear.</p>			
<b>EXCEPTIONS:</b>			



SPECIFICATIONS	Bidder Complies	YES	NO
<p><b>18.0/ - ELECTRICAL:</b></p> <ol style="list-style-type: none"> <li>1. Alternator shall be rated at 320 AMPS, minimum.</li> <li>2. 12 volt single battery system shall be provided.</li> <li>3. Battery shall be rated at 1020 CCA and shall be group "8D" or better.</li> <li>4. The battery compartment shall be a "skirt" type with a slide out battery tray.</li> <li>5. All wiring shall be standard color coded and numbered for ease of maintenance.</li> <li>6. All circuits shall be circuit breaker protected.</li> <li>7. A heavy duty 100 AMP, minimum, solenoid type relay switch (activated by the ignition key) shall be provided.</li> <li>8. This relay switch shall control all body electrical circuits such as heaters, dome lights, etc.</li> <li>9. All wiring shall conform to Society of Automotive Engineers (SAE) requirements.</li> <li>10. The headlight system shall be wired separately from the body controlled solenoid.</li> <li>11. Battery terminals shall be protected with a corrosion resistant coating.</li> <li>12. Solid state reverse activated back-up alarm shall be provided.</li> <li>13. All circuits shall be circuit breaker or fuse protected.</li> <li>14. Convenient access shall be provided for all electrical circuits, controls, and wiring. All wiring shall conform to Society of Automotive Engineers (SAE) requirements and installation procedures.</li> <li>15. <b>NOTE:</b> "Scotchlocks" or other piercing type wire connectors on any connection (chassis or body) shall not be accepted. Twist lock and/ or twist wire nut type connectors shall not be accepted.</li> <li>16. All external connectors shall be weather proof and corrosion resistant in design, manufacture and use.</li> <li>17. All wiring shall be enclosed in a non-metallic loom and secured in place.</li> <li>18. Any penetration of wiring through metal points or other materials shall have protective rubber grommets installed in such opening.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>19.0/ - LIGHTS:</b></p> <ol style="list-style-type: none"> <li>1. Warning light and reflector configuration for these units shall be in full compliance with Federal Motor Vehicle Safety Standard 108.</li> <li>2. The eight (8) light warning system standard shall be provided. These warning lights shall have black visors over each lamp, front and rear, with all background areas being painted black.</li> <li>3. Flashing warning lamps shall be "electronically" driven.</li> <li>4. LED type lighting shall be provided where available on bus. (please list on separate page--locations)</li> <li>5. All exterior marker and cluster lamps shall be equipped with metal guards.</li> <li>6. Two back-up lights with four (4") inch (minimum) clear lenses shall be provided.</li> <li>7. A minimum of eight (8) dome lights shall be provided in the passenger compartment area and dual row in mounting configuration.</li> <li>8. The dome light in the driver's area shall have a separate switch.</li> <li>9. Dome lights shall be switched for forward half and rear half.</li> <li>10. The step well light shall operate automatically when the entrance door is opened and the ignition switch is on.</li> <li>11. In addition to the regular directional signals there shall be two front mounted seven (7") inch (minimum) directional signals provided.</li> <li>12. Two red/amber seven (7") inch directional signals shall be provided on the rear with the rear amber lights connected to the chassis hazard warning switch.</li> <li>13. Side mounted (near the front) directional lights shall be provided. The front top of the units shall be equipped with three amber cluster lights with protective shields.</li> <li>14. The rear top of the unit shall be equipped with three red cluster lights with protective shields.</li> <li>15. Two seven (7") inch red combination stop and tail lights shall be provided. headlights shall be equipped with a audible reminder warning if lights are left on after shutdown.</li> <li>16. A roof mounted white strobe light <i>with metal guard</i> shall be provided.</li> <li>17. An audible "headlights on" system shall be provided to remind operators to turn headlight off when key is in the off position.</li> <li>18. Vendor shall supply a headlight wig-wag flashing system option to activate and de-activate with 8 light warning system – red lights in use.</li> <li>19. When the bus is preparing to stop, the display shall be capable of displaying to motorist notifications of "Caution" and "Stopping" repeatedly and shall operate in conjunction with the emergency flashers or eight (8) way warning system.</li> <li>20. When the bus is stopped or picking up, the display shall be capable of displaying shall alternately flash "Stop" and "Do Not Pass" repeatedly and work in conjunction with warning light system or stop arm.</li> <li>21. When the bus is in reverse and backing up the display shall flash "Caution" repeatedly.</li> <li>22. An exterior light operation monitoring system to warn operators of a light bulb failure shall be provided.</li> </ol>			
<b>EXCEPTIONS:</b>			

SPECIFICATIONS	Bidder Complies	YES	NO
<p><b>20.0/ - STOP ARM:</b></p> <ol style="list-style-type: none"> <li>The "Stop-arm" shall be air operated and shall be in full compliance with all state and federal standards.</li> <li>Eighteen (18") inch octagon shaped with two four (4") inch flashing red lights minimum.</li> <li>The "Stop-arm" lighting shall be provided by two high intensity alternating LED lights.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>21.0/ - CONTROL CROSSING ARM:</b></p> <ol style="list-style-type: none"> <li>Unit(s) shall be equipped with a crossing control arm mounted on the right side of the front bumper.</li> <li>When opened, this arm shall extend parallel to the body side and aligned with the right front wheel.</li> <li>All components of the crossing control arm and all connections shall be weatherproofed.</li> <li>The crossing control arm shall incorporated system connectors (electrical, vacuum or air) at the gate and shall be easily removable to allow for towing of the bus.</li> <li>The crossing control arm shall be constructed of non-corrodible or nonferrous material, or treated in accordance with the body sheet metal specification.</li> <li>There shall be no sharp edges or projections that could cause injury or be a hazard to students.</li> <li>The end of the arm shall be rounded.</li> <li>The crossing control arm shall extend a minimum of seventy (70") inches (measured from the bumper at the arm assembly attachment point) when in the extended position.</li> <li>The crossing control arm shall extend simultaneously with the stop signal arm(s), activated by stop signal arm controls.</li> <li>The assembly shall include a device attached to the bumper near the end of the arm to automatically retain the arm while in the stowed position.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>22.0/ - BUMPERS:</b></p> <ol style="list-style-type: none"> <li>Manufacturer's heavy duty option, full body width, steel bumpers shall be provided, front and rear.</li> <li>All bumpers shall be painted black.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>23.0/ - GUARD RAILS:</b></p> <ol style="list-style-type: none"> <li>Four guard rails shall be provided on each side.</li> <li>These guard rails shall be located as follows: one at window level; one at the seat line; one at the floor line; and one at the skirt line.</li> <li>The window and seat line rails shall extend around the rear corners toward the emergency door.</li> <li>All guard rails/ rub rails shall be fully painted black.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>24.0/ - EMERGENCY EQUIPMENT:</b></p> <ol style="list-style-type: none"> <li>Each unit shall be provided with one, five (5) pound, 2A-10BC rated fire extinguisher.</li> <li>This fire extinguisher shall be mounted within easy reach of the driver.</li> <li>Each unit shall be provided with one triangular warning flare kit.</li> <li>Each unit shall be provided with a State of Tennessee approved first aid kit and "Body fluids" clean up kit. These kits shall be mounted according to State of Tennessee guidelines.</li> <li>Each unit shall include a seat belt cutter.</li> <li>All special equipment shall meet local, federal, and engineering standards.</li> </ol>			
<b>EXCEPTIONS:</b>			
<p><b>25.0/ - CHILD MONITORING SYSTEM:</b></p> <ol style="list-style-type: none"> <li>Vendor shall provide the manufacturer's standard Sleeping Child Check system.</li> <li>This system shall be an electronic device that, when armed, is designed to force the bus driver to walk to the back of the bus and de-activate the system.</li> <li>If the driver fails to do so, and exits the bus through the front door, the vehicle horn will immediately sound.</li> <li>The Sleeping Child Check system shall be turned on and become engaged when the ignition of the bus is turned off.</li> </ol>			
<b>EXCEPTIONS:</b>			

SPECIFICATIONS	Bidder Complies	YES	NO
<p><b>26.0/ - DRIP MOLDINGS:</b></p> <p>1. Drip moldings over all windows and doors shall be provided.</p>			
<b>EXCEPTIONS:</b>			
<p><b>27.0/ - BODY:</b></p> <p>1. Transit type body with flat floor shall be provided and shall be a minimum of thirty feet (30') in length.</p> <p>2. Entrance door shall be double leaf design, air operated and open outward.</p> <p>3. Entrance door shall be lockable and openable from the outside.</p> <p>4. The entrance door shall be located in front of the front wheels.</p> <p>5. The capacity of the unit(s) shall be 43 students with the capability of removing track mounted seats for wheel chair securement accessibility.</p> <p>6. Head room shall be a minimum of 77" inches above the plywood floor.</p> <p>7. Rear exit door and special (lift) entrance door shall be provided and shall meet all State/Federal Specifications for School Buses.</p> <p>8. Rear exit door and special entrance door must be equipped with a "Door - Ajar" warning system.</p> <p>9. Special entrance (lift) door shall have windows set in rubber and be equipped with three (3") inch wide and one (1") inch thick padding at the top edge of the door opening.</p> <p>10. The lift door shall be a minimum of 39 5/16 " inches X 57 11/16" inches in size and mounted curbside of the units.</p> <p>11. The lift door shall be hinged to the front of the units and operated from the interior or exterior of the units.</p> <p>12. Lift doorway shall have provisions for two foot candles of illumination during use and minimum of two (2) wheel chair lift illumination lamps, lower exterior body mounted and switch controlled.</p> <p>13. An interior lift doorway boarding lamp shall be provided.</p> <p>14. A minimum of two (2) roof escape hatch per unit shall be provided.</p> <p>15. Two (2) push out escape windows shall be provided, one shall be on the left side of the unit and one shall be on the right side of the unit.</p> <p>16. These escape windows shall be located approximately 1/2 distance from the front of the bus.</p> <p>17. Rear door and wheel chair lift door(s) shall be equipped with retainers to hold these doors open.</p> <p>18. Windshield shall be manufacturer's standard two piece tinted design.</p> <p>19. Body shall be fully and completely insulated including front, rear, sides, and roof area.</p> <p>20. Manufacturer's optional noise reduction package consisting of: full acoustical ceiling; rubber floor and step covering; plywood sub-floor; and additional sound deadening in the step-well area and driver's area shall be provided.</p> <p>21. Body shall be fully under-coated prior to chassis mounting.</p> <p>22. An overhead storage compartment for the triangle warning device shall be provided in the front header panel.</p> <p>23. Exterior grade, 5/8" inch thick plywood sub-floor shall be provided.</p> <p>24. The entire floor area shall be covered with heavy duty "rubber" type black floor covering.</p> <p>25. Steps shall also be fully covered in black heavy duty floor covering with white nosing.</p> <p>26. Two (2) 39" inch high padded barriers shall be installed.</p> <p>27. One of these barriers shall be installed behind the driver and one shall be installed behind front entrance door in front of the first row of passenger seats.</p> <p>28. A storage pouch shall be provided on barrier behind driver's seat.</p> <p>29. A grab rail shall be mounted on this barrier at the front entrance door area.</p> <p>30. The driver's seat shall be a heated, "6 way" air controlled with high back, fully adjustable and fabric covered with armrests.</p> <p>31. The driver's seat shall be equipped with a shoulder harness and lap belt.</p> <p>32. Seating shall be provided for a capacity 41 passenger seating, 4-hidden wheel chair positions and 4 wheel chair positions with "ICR" (integrated child restraint) positions installed on seats listed in the description below and as per illustration on Page 15/ Diagram 25.032.</p> <p>33. Passenger seats shall be 39" inch high back style (commonly referred to as the New York style). <b>Note:</b> No exceptions may be taken to the seat design.</p> <p>34. <u>Left side of bus</u> - 39" HB Barrier/ 1<sup>st</sup> seat to be a 39" HB seat non track mounted with 2 ICR positions and 3 point seat belts/ 2 seats (2<sup>nd</sup> and 3<sup>rd</sup>) shall be 39" HB seat with 3 point seat belts non track mounted/ 6 seats (4<sup>th</sup> through 9<sup>th</sup>) shall be track mounted 39" HB seats with 3 point seat belts .</p> <p>35. <u>Right side of bus</u> - 39" HB Barrier / 1<sup>st</sup> seat to be a 39" HB seat non track mounted with 2 ICR positions and 3 point seat belts/ 1 seat (2<sup>nd</sup>) shall be 39" HB seat with 3 point seat belts non track mounted/ 3 seats (4<sup>th</sup> through 6<sup>th</sup>) shall be non track mounted 30" HB seats with 3 point seat belts/ 2 seats (7<sup>th</sup> through 8<sup>th</sup>) shall be track mounted 30" HB seats with 3 point seat belts</p>			
<b>EXCEPTIONS:</b>			

SPECIFICATIONS	Bidder Complies	YES	NO
<p><b>27.0/ - BODY (continued from page 6):</b></p> <p>36. Wheelchair lift shall be located at right hand side rear area of bus.</p> <p>37. The top of the seat backs shall be approximately 28" inches above the cushion.</p> <p>38. Three point connection NON - color coded seat belts shall be provided at each passenger position as required by seat size.</p> <p>39. These seat belts shall be installed in such a manner as to prevent "Across the aisle" connections.</p> <p>40. Wheel chair hold down restraints/seat tie down tracks shall be left side of unit floor mounted and run the usable length of the bus.</p> <p>41. Wheelchair securement system shall be "Sherlock L Trac " or equal by other manufacturer's and include an above window mounted track for use of a shoulder harness.</p> <p>42. Wheelchair tie down and occupant restraint shall consist of full length tracks capable of four (4) floor attach points per location for the chair and lap/shoulder restraint for the occupant.</p> <p>43. Wheelchair lap belts shall be 108" inches, minimum.</p> <p>44. Wheelchair floor anchorage points shall be Sherlock "L" track type, or approved equal, utilizing corrosion resistant steel and usable for front or rear tie downs or shared by both.</p> <p>45. Recessed area shall be sealed prior to anchorage track installation to prevent the intrusion of water.</p> <p>46. Each occupant and chair shall be separately and securely fastened.</p> <p>47. An adjustable tinted plexi-glass sun visor shall be provided for the driver on the driver's side of the unit.</p> <p>48. All side and rear windows approximately 28% tinted safety glass.</p> <p>49. Driver's side glass shall be two piece sliding type with latch.</p> <p>50. Seating arrangement shall be according to supplemental diagram (page 11).</p>			
<b>EXCEPTIONS:</b>			
<p><b>28.0/ - WHEEL CHAIR LIFT:</b></p> <p>1. Vendor shall supply a lift equivalent to the "Braun Millennium Series - Model NL919F1B-2" and the lift shall be located on the right rear side of the unit(s).</p> <p>2. The design load capacity shall be a minimum of 1,000 lbs. while in operation.</p> <p>3. Operation is to include power up, manual (counter balanced), fold with a manual safety override function in case of primary system malfunction or emergency.</p> <p>4. The lift shall require no independent power source and shall be compatible with the units existing heavy duty electrical system.</p> <p>5. Crossbar, if provided, shall be extended beyond the height of the doors as to allow clear entry to the unit.</p> <p>6. Lift platform shall include locking safety wheel barrier that forms a smooth entry ramp onto lift and latches automatically after wheelchair entry.</p> <p>7. Permanent vertical side plates are to be provided at least two (2") inches higher than the surface of the platform.</p> <p>8. Lift Platform surface shall be of non-skid expanded metal mesh, or equivalent to allow for vision through platform.</p> <p>9. Platform stowed in a vertical position shall be designed to prevent uncontrolled freefall to a horizontal position and to prevent noise from vibration and rattling during vehicle operation.</p> <p>10. The force necessary to fold and unfold platform shall not exceed a level that would permit easy operation by a person of average strength.</p> <p>11. A self-locking, rattle free mechanism shall be provided to secure the lift in a stored position.</p> <p>12. Usable platform width and length shall be a minimum of thirty (34") inches by fifty one (51") inches respectively.</p> <p>13. The manual emergency operation of the platform shall require no more than two (2) minutes to lower a occupied wheel chair to ground level.</p> <p>14. The platform shall contain handrails that move in tandem with the lift during operation.</p> <p>15. The handrail shall be easily reached during entire lift cycle operation.</p> <p>16. The hand holds shall be no less than 3/4" inch in width and provide at least 1 1/2" inch of knuckle clearance and easily held during operation.</p> <p>17. Lift controls shall be provided to allow operation inside or outside the vehicle with a lockout mechanism to prevent operation while the lift access doors are closed.</p> <p>18. The lift controls shall require continuous force by the operator for functioning .</p> <p>19. A brake interlock system shall be installed that will activate when wheelchair lift is in use.</p> <p>20. An easily accessible method of storing and securing the lift controls when not in use shall be provided.</p> <p>21. The control mechanism shall be of a heavy duty hand held type.</p> <p>22. Ramp door brake lock option shall be required.</p> <p>23. The bidder must certify and show evidence that the lift shall be designed, built, installed, and operated in accordance of all applicable safety codes and standards.</p> <p>24. A demonstration of lift operation and/or maintenance may be required and provided upon request.</p> <p>25. Warranty provisions shall be detailed along with a listing of regional locations for warranty repair work and procedures for warranty repair work on the lift unit.</p>			
<b>EXCEPTIONS:</b>			

SPECIFICATIONS	Bidder Complies	YES	NO
<b>29.0/ - UNDERCOATING:</b> Undercoating shall meet or exceed performance and qualitative requirements of Federal Specifications TT-C-520b paragraph 3.4.			
<b>EXCEPTIONS:</b>			
<b>30.0/ - HEATER AND DEFROSTER:</b> 1. A 12,000 B.T.U. heater shall be provided for the driver's area. 2. A 90,000 B.T.U. (minimum) heater shall be provided for the front passenger area. 3. An 80,000 B.T.U. (minimum) wall mounted heater shall be provided for the rear passenger area. (Note: Three separate heaters are specified.) 4. Rear heater shall be wall mounted to the right rear of the unit(s), behind wheel chair lift, to provide maximum heating to the rear of the unit(s) during winter months when the lift door must be frequently opened. 5. Any ducting shall not interfere with seating floor plan or chair maneuverability. 6. Full channel type defroster serving the left side driver window shall be provided. 7. Full windshield area and entrance door glass defrosting shall be provided. 8. Center and drivers side mounted auxiliary defroster fans shall be provided.			
<b>EXCEPTIONS:</b>			
<b>31.0/ - AIR CONDITIONING:</b> 1. Vendor shall supply a minimum 100,000 BTU Front and Rear, In-Wall type system similar in design and performance to the Carrier brand. 2. Front and rear, in-wall, bulkhead mounted evaporators (front to have driver's turn down outlet). 3. Dual skirt-mounted 3-fan condensers CM-3 shall be provided. 4. Dual engine mounted TM-21 compressors with 8 groove system shall be provided.			
<b>EXCEPTIONS:</b>			
<b>32.0/ - MIRRORS:</b> 1. Inside non tinted 10"x30" inch padded rear view mirror shall be provided. 2. Remote controlled exterior heated mirrors shall be provided and provide full visibility down both sides of the bus. 3. Exterior mirrors shall be provide for visibility across the front of the bus. 4. Exterior mirrors shall meet all State and Federal Government standards.			
<b>EXCEPTIONS:</b>			
<b>33.0/ - VIDEO/RADIO/PUBLIC ADDRESS SYSTEMS:</b> 1. A combination AM/FM/CD radio/public address accommodation package shall be provided. 2. This package shall include the radio approximately eight (8) interior speakers, and wiring needed for radio/public address system. 3. The public address system shall be installed with one (1) forward mounted exterior speaker. 4. An 8 channel video/audio DVR recording system, "SEON" design Model Explorer TX 8FH640 with 640 gig hard drive, GPS antenna, and 6 mm lenses shall be provided and shall include 8 cameras 5. Cameras shall be color type. 6. Camera positions for bus shall be as follows: a. Exterior cameras (CA925E20) with a 25mm lens with one forward facing and one rearward facing (CA925E20) located at the stop sign. (2 cameras) b. CQ90320 Inside front of the bus facing backward ( 1 camera) c. Inside Fish eye lense ¼ back passenger side of the bus facing backward ( 1 camera) d. Inside Fish eye lense ½ back drivers side of the bus facing backward (1 camera) e. Inside Fish eye lense ¾ back passenger side of the bus facing backward (1 camera) f. CQ903A50 Inside rear of the bus facing forward ( 1 camera) g. CQ903A20 One over and behind the driver and facing step-well ( 1 camera)			
<b>EXCEPTIONS:</b>			

SPECIFICATIONS	Bidder Complies	YES	NO
<b>34.0/ - COLOR:</b> 1. Exterior color shall be national school bus yellow. 2. Top of unit(s) shall be painted manufacturer's standard white. 3. Paint shall be heat cured polyurethane and lead - free. 4. The interior shall be manufacturer's standard color with brown, burgundy, or light gray, heavy duty, flame retardant, vinyl transportation grade seat covers.			
<b>EXCEPTIONS:</b>			
<b>35.0/ - LETTERING:</b> 1. Each unit shall be lettered in six (6") inch block letters as follows: Kingsport City Schools. 2. Lettering shall not exceed nine (9") feet in length. 3. Numbering will be done by the City of Kingsport. 4. All access doors to fuel, batteries, etc. shall be in black vinyl lettering matching the current fleet. 5. The International Symbol of Accessibility shall be white on blue background of high intensity reflectorized material and shall be installed below the window line of the lift door and emergency door.			
<b>EXCEPTIONS:</b>			
<b>36.0/ - REFLECTIVE TAPE:</b> 1. Reflective tape, approximately 2" inches wide shall be installed on both sides and rear of the bus in accordance with accepted standards. 2. The tape shall be "3-M" diamond grade tape or equivalent.			
<b>EXCEPTIONS:</b>			
<b>37.0/ - MANUALS:</b> 1. Owner/operator manuals, parts books, wiring diagrams, and maintenance/repair manuals shall be provided for the body, chassis, engine, and transmission of each unit. 2. Complete set of manuals (parts and service) shall also be provided for the wheelchair lift. 3. CD type manuals with appropriate software are acceptable substitutes. 4. Manuals for unit(s), as equipped, shall be provided at the time of delivery.			
<b>THERE ARE NO EXCEPTIONS ALLOWED TO THIS SPECIFICATION</b>			
<b>38.0/ - WARRANTY:</b> 1. Manufacturer's full warranty shall be applicable to this unit(s) as equipped (36 month, 36,000 miles minimum). 2. Awarded vendor shall be required to reimburse any expenses incurred by the City covering transport labor cost or shipment charges on any unit component or attached component failure when the unit or 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 during the warranty period. 3. 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. 4. The awarded vendor shall be required to reimburse the City of Kingsport for any and all unit, as equipped, warrantable repair expenses, to include towing or hauling services, incurred by the City of Kingsport during the warranty period. 5. Reimbursement shall occur within a maximum of 30 days of notification of a reimbursement claim. 6. 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. 7. This specifications requires manufacturer's delayed warranty start. 8. Chassis, components, all attachments and body shall have a minimum 100% full warranty (parts and labor) for a minimum period of one (1) year from the time of cab/chassis/body service activation within the City of Kingsport fleet regardless of manufacturer or installer. 9. Warranty claims of any unit, component, or attachment shall be addressed within a period 3 days from time of notification by the awarded vendor. 10. Awarded vendor shall insure successful completion of any warranty repair within 10 business days from time of notification. 11. Towing service shall be provided though the warranty period for warrantable breakdowns requiring tow. 12. This warranty specification shall be honored in conjunction with any manufacturer's standard warranty regardless of exclusions.			
<b>THERE ARE NO EXCEPTIONS ALLOWED TO THIS SPECIFICATION</b>			

SPECIFICATIONS	Bidder Complies	YES	NO
<p><b>39.0/ - DELIVERY:</b></p> <ol style="list-style-type: none"> <li>1. Unit(s) shall be delivered complete with all provided options installed and a full tank of fuel.</li> <li>2. The Diesel Exhaust Fluid tank shall be full if applicable to the unit(s).</li> <li>3. Unit(s) shall be delivered complete with NO dealer advertising logos affixed to the interior or exterior, to include mud-flaps, of the unit(s) prior to delivery.</li> <li>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"> <li>a. Invoice</li> <li>b. Mileage Statement (if applicable)</li> <li>c. Manufacturer's Statement of Origin (MSO)(if applicable).</li> </ol> </li> <li>5. Delivery acceptance of unit(s) may be refused if any part of the awarded specifications are not maintained.</li> <li>6. Delivery acceptance of unit(s) may be refused if any device, feature or system is deemed as unsafe to the operator and/or the general public as determined by the City of Kingsport's knowledge or experience.</li> <li>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.</li> <li>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.</li> <li>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.</li> <li>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.</li> <li>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.</li> <li>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.</li> <li>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.</li> <li>14. Failure to provide the requested documentation upon delivery shall be considered as non-compliance to awarded specifications and allows the City of Kingsport the right to refuse acceptance.</li> <li>15. All "Trade In" units offered by the City of Kingsport are to be considered "AS IS, WHERE IS".</li> <li>16. Any trade terms offered or required by a bidder will allow the City of Kingsport to reject their bids.</li> </ol>			
<b>THERE ARE NO EXCEPTIONS ALLOWED TO THIS SPECIFICATION</b>			
<p><b>40.0/ - MISCELLANEOUS INFORMATION REQUIRED:</b></p> <p>Vendor shall supply the following information in the space provided on the unit proposed:</p> <ol style="list-style-type: none"> <li>1. Location (City, State) of Manufacturer:</li> <li>2. Location (City, State) of Dealership:</li> <li>3. Percentage of Import/ Domestic Content:</li> <li>4. Anticipated Fuel Economy of Unit in estimated Miles Per Gallon City and Highway:</li> </ol>			
<b>THERE ARE NO EXCEPTIONS ALLOWED TO THIS SPECIFICATION</b>			

Specification 27/50  
Seating Arrangement Diagram

