

## **REQUEST FOR BIDS**

Wilson School District requests sealed bids at its administrative offices at 2601 Grandview Boulevard, West Lawn, PA 19609-1324 at or before 2 p.m. local time, on Monday, October 8, 2018 (the “Bid Deadline”), when they will be publicly opened, for

- 3- 72 Passenger Conventional Type C School Bus- Diesel
- 2- 48 Passenger Type C Special Needs School Bus (W/C accessible)- Diesel
- 1- 30 Passenger Type A Mini School Bus- (W/C accessible) - Gasoline
- 2- 9 Passenger School Vans- Gasoline

in accordance with, and subject to, the General Conditions, Specifications, and other Contract Documents (as listed in the General Conditions), which interested persons may obtain at the transportation offices of Wilson School District, by phoning (610) 670-0180, ext. 1112 weekdays between the hours of 8:30 a.m. and 5:00 p.m., by emailing [schchr@wilsonsd.org](mailto:schchr@wilsonsd.org), or by accessing the business office page of the Wilson School District website, [www.wilsonsd.org](http://www.wilsonsd.org).

## **WILSON SCHOOL DISTRICT**

Bidder: \_\_\_\_\_ Phone: \_\_\_\_\_

## GENERAL CONDITIONS

These General Conditions shall apply to and become part of the contract for the supply of goods and services set forth herein between the successful Bidder (the "Supplier") and the Wilson School District ("Wilson School District" or the "School District").

Bid Documents: The Bid Documents consist of the "Request for Bids," "General Conditions," "Non-Collusion Affidavit," "Bid Bond," "Acknowledgement--Receipt of Revisions/Addendums," "Bid Certification," "Bid Form," "Contract," "Bidder's Past History," and "Specifications or General Requirements." The Bid Documents have been prepared by and may be obtained from the transportation offices of Wilson School District, by phoning (610) 670-0180, ext. 1112 weekdays between the hours of 8:30 a.m. and 5:00 p.m., by emailing schchr@wilsonsd.org or by accessing the business office page of the School District website, [www.wilsonsd.org](http://www.wilsonsd.org). The Bid Documents are made available only for the purpose of obtaining Bids for the Project. Their availability does not grant a license for any other purposes.

Upon receipt of Bid Documents, Bidders shall verify that the documents are complete. Bidder shall notify the District if the documents are incomplete or upon finding discrepancies or omissions in the Bid Documents. Bidder shall provide a mailing address and email address to the District for purposes of transmitting Addenda upon receipt of the Bid Documents. Each Bidder shall be responsible for the completeness of its set of Bid Documents. No allowance or concession will be made to a Bidder who complains of missing portions of Bid Documents or Addenda. All requests for clarifications must be in writing and received by the District at schchr@wilsonsd.org no less than six (6) days before Bid Deadline. All clarifications, modifications, and corrections to the Bid Documents shall be issued in the form of Addenda and will be forwarded to Bidders that have previously supplied the District with a mailing and email address and shall be posted on the business office page of the School District. Addenda listing revisions and changes to the Bid Documents shall become a part of and take precedence over the original Bid Documents and previously issued Addenda. Any information furnished related to the Project shall not be legally binding on the District unless issued in an Addendum.

Contract Documents: The documents that will form the Contract between the School District the Supplier include the "Request for Bids," "General Conditions," executed "Non-Collusion Affidavit," executed "Bid Bond," "Acknowledgement--Receipt of Revisions/Addendums," executed "Bid Certification," executed "Bid Form," fully executed "Contract," "Bidder's Past History," and "Specifications" (collectively, the "Contract Documents" or the "Contract"). Defined terms in the General Conditions shall apply to all of the Contract Documents.

Bid Form: Each Bidder must submit its Bid on the "Bid Form" and must also submit therewith the following:

1. A notarized Non- Collusion Affidavit,
2. The Acknowledgment--Receipt of Revisions/Addendum,
3. Bidder's Past History,

4. Bid security,
5. The Specifications form with any exceptions noted,
6. Detailed specifications, cuts, and catalogs of vehicles Bidder would furnish,
7. Copies of applicable warranties, and
8. The Bid Certification.

Bidders shall be prepared to demonstrate the vehicles specified in their Bids when requested to do so by the School District. Bid packages feature The School District will notify the successful Bidder at the time when Bids are awarded.

Bid Security: Each Bidder must submit with its Bid a form of security which shall be a Bid Bond on the form provided herein or certified check payable to Wilson School District in the amount of at least ten percent (10%) of the Bid price. The Bid Bond or certified check shall be retained by the School District until the successful Bidder enters into the Contract with the School District in the attached form whereupon the Bid Bonds or certified checks shall be returned to the unsuccessful Bidders.

Permits: Supplier shall obtain all permits required by law and shall perform its obligations hereunder in accordance with the terms of the Contract Documents and to the satisfaction of the School District, and shall comply with all laws, rules, and regulations of the U.S. Government and Commonwealth of Pennsylvania, and any department or agency thereof. Supplier is responsible for determining which federal and state laws, rules, and regulations apply to the Contract and ensuring Supplier's compliance therewith.

Intent of Specifications: The successful Bidder shall abide by the true intent of the Specifications and Contract Documents.

Nature of Agreement: The quantities listed on the detailed Specifications are merely estimates of the School District's needs, and are provided solely for bidding purposes so that Bidder can provide a price. Those quantities that are listed on the detailed Specifications are strictly estimates, and the School District is not committing to purchase such estimated amounts, nor is the School District committing to purchase any minimum amount of any item, and can purchase none, one, or multiples of each item if the School District so chooses. Furthermore, the School District may purchase a greater quantity than the quantity listed on the detailed Specifications, if the School District elects to do so, in its sole and absolute discretion.

In the event that the School District elects to purchase a greater quantity than the quantity listed on the detailed Specifications, the price for such additional quantities shall be per the lesser of: (i) the "Unit Price" included on the Bid Form for each item requisitioned; or (ii) the lowest price previously quoted to or charged by the Bidder to the School District for like goods or services in like quantities under similar circumstances. The products, materials and equipment to be ordered by the School District shall be requisitioned on an as-needed basis. The Bid shall indicate any discounts available to the District for purchasing multiple units.

In the School District's sole and absolute discretion, upon written notice to the Supplier, the School District reserves the right to purchase additional buses that are in conformance with the detailed Specifications for up to six (6) months immediately following the date of the bid opening upon the same terms and conditions set forth in this bid package and the Contract Documents through the issuance of a purchase order or purchase order(s).

Price: Supplier warrants that the prices stated on the Bid Form are the lowest net prices charged by Supplier to any other customer for like goods or services in like quantities under similar conditions. If Supplier quotes a lower price for like goods to another customer within thirty (30) days after delivery of such goods to the School District, Supplier shall promptly pay to the School District a rebate in the amount of the difference of such amounts within ten (10) days of making such lower quote. Supplier warrants that its Bid Price includes a deduction(s) for all rebates and discounts (e.g., manufacturer and/or governmental) that may be available as a result of the purchase of the goods set forth herein. On a separate sheet attached to the Bid Form, each Bidder shall identify such rebates and/or discounts that it will seek endorsement from the School District associated with the goods identified herein. The Supplier shall retain any proceeds from such rebates or discounts specifically identified with the Bid Form. The School District shall retain the right to any proceeds from any rebates or discounts not identified with the Bid Form. The Supplier and School District will cooperate with the each other in applying for all rebates or discounts that may be available for the purchase of the goods identified herein.

Delivery: The successful Bidder will be required to make complete delivery of Bid items, in such quantities ordered by the School District in writing, to the School District by no later than forty-five days following the School District's transmittal of a fully executed Contract specifying the goods selected by the School District for purchase. Cost of delivery shall be included in the bid prices proposed.

All goods delivered pursuant hereto shall be delivered F.O.B. (without charges for delivery to and placing on board a carrier at a specific point) to the interior receiving area of the Wilson High School, 2601 Grandview Boulevard, West Lawn, PA 19609-1324.

Shipment shall be made only upon the receipt by Supplier of a written request (mailed, faxed, or emailed) signed by the School District. The requested supplies must be delivered to the School District by the date specified in the Contract Documents or as otherwise provided by the School District. Late deliveries will result in a one percent (1%) late fee for each day the delivery, or any portion thereof, is late, which late fee shall be applied to such delayed item's invoice, or any other invoice. The late fee provided herein shall not be the exclusive remedy of the School District upon a failure of Supplier to perform hereunder, and shall not interfere with or limit any other rights and remedies available to the School District upon a breach of the Contract Documents.

Delivery tickets and/or packing slips shall provide the following information: name of item, item number, quantity, Unit Price, invoice total, and name of Bidder.

Supplier shall secure and be responsible for the inspection of the vehicles at the time of delivery to meet the latest approved standards and regulations of School Bus equipment before final payment. Any vehicles found to be damaged at time of delivery shall be repaired by Supplier at

Supplier's sole cost and expense. All of the vehicles shall be subject to the inspection and approval of the School District. Acceptance of delivery of vehicles shall not constitute final acceptance by the School District. In the event that any of the vehicles shall be rejected by the School District, Supplier shall furnish substitute vehicles acceptable to the School District at Supplier's sole expense. Any materials found to be damaged upon delivery shall be replaced or repaired, and the cost of such replacement or repair, including cost of materials and workmanship, shall be borne by the Supplier. Risk of loss does not pass to the School District until acceptance of the goods or services. To the extent practicable, defective or nonconforming goods will be returned to Supplier, at Supplier's sole cost and expense, and the risk of loss with respect to such defective or nonconforming goods shall never pass to the School District and shall remain with Supplier.

The School District, through its designated agent, shall have full power and authority to reject any item or material furnished which, in its opinion, is not in strict compliance and conformity with the requirements of the Specifications, and the decisions of the School District or its agent shall be final, conclusive, and without exception or appeal. The Supplier shall be held responsible for faulty materials or workmanship, and shall correct any defects due thereto.

Failure to comply with these General Conditions, the Specifications, or any other Contract Document is sufficient reason to refuse acceptance of any delivery, or portion thereof, with no liability accruing to the School District.

Upon acceptance as provided herein, providing the applicable invoices have been received by the School District, payment for such items will be made by the School District within thirty (30) days of such approval.

Standard of Quality: Goods are to be new merchandise, not previously used or recycled merchandise. When a manufacturer and/or brand name and/or catalog number is specified, it is understood that the Bidder is responsible to provide the specified manufacturer and/or brand name and/or catalog number, as applicable, unless stated in the Contract Documents. The Specifications are intended to indicate the quality, style, and specific features of the items and in some or all cases, a specific manufacturer and model of the item. The School District is the sole determiner as to the quality and performance of the goods supplied by Supplier and the goods' conformance with the Specifications.

When no manufacturer, brand name, or catalog number is identified in the Specifications, Bidder may substitute substantially similar goods for those specified. When doing so, the substitute item shall indicate clearly the manufacturer and/or brand name and the catalog number of such substituted items and provide a catalog cut that provides a description of the item sufficient to permit the School District to properly evaluate the substitute. The catalog cut shall be marked in a manner to easily identify it with the item bid. At the School District's request, Bidders shall make available a sample of the substitute within twenty-four hours of the District's emailed request.

Bid Rejection: Failure to provide Bid Security shall result in rejection of Bid. Bids that are unsigned, improperly signed or sealed, or illegible, shall be rejected. The School District reserves the right to reject any or all Bids or parts of a Bid, to waive any informalities as

received, and to award the Bid in its entirety or to apportion such Bids into several smaller Bids in the School District's best interests. Bids containing minor irregularities or informalities, not relating to price, time, or changes in the goods to be supplied pursuant to the Contract, may be rejected at the School District's sole discretion. The School District reserves the right to waive any such informalities or irregularities when a waiver is in the School District's interest. If a Contract is awarded, it will be to the lowest responsible Bidder chosen by the School District, provided its Bid is reasonable and in the School District's interest to accept.

Bid Withdrawal: Negligence by Bidder in preparing its Bid confers no right of withdrawal or modification of its Bid after such Bid has been opened. No claims on account of mistakes or omissions in any Bid will be considered. Notwithstanding the above, a Bidder may withdraw its Bid after such Bid has been opened in accordance with the causes set forth in the Pennsylvania Bid Withdrawal Act, Act No. 4 of 1974, 73 P.S. §§ 1601 et seq. Strict compliance with said Pennsylvania Bid Withdrawal Act is required to withdraw a Bid after Bid opening.

Competent Workers: If applicable to this Contract, no person shall be employed to do work under this Contract except competent and first class workers and mechanics. No workers shall be regarded as competent and first class, within the meaning of the Educate America Act of 1994 or this provision, except those who are duly skilled in their respective branches of labor and who shall be paid not less than such rates of wages and for such hours' work as shall be established and current rates of wages paid for such hours by employers of organized labor in doing of similar work in the district where work is being done. (24 P.S. §7-752)

Resident Laborers: If applicable to this Contract, laborers and mechanics employed shall have been residents of the Commonwealth of Pennsylvania for at least ninety (90) days prior to their employment. Failure to keep and comply with this provision shall be sufficient legal reason to refuse payment of the Contract price to the Supplier. (24 P.S. §7-752)

Prohibited Discrimination: The provisions of the Pennsylvania Human Relations Act 222 of October 27, 1955 (P.L. 744) (43 P.S. §§ 951, et seq.) and the Human Relations Contract Compliance Regulations, 16 Pa. Code 49.101, all of which may be amended from time to time, prohibit certain practices or discrimination because of race, color, religious creed, ancestry, age, sex, national origin, handicap, or disability, by employers, employment agencies, labor organizations, contractors, and others. Supplier shall agree to comply with the provisions of this Pennsylvania Human Relations Act and the Human Relations Contract Compliance Regulations, which are made part of these General Conditions as if included herein at length. (24 P.S. § 7-755)

Supplier's and Subcontractor's Insurance: Supplier shall not commence work under the Contract until it has obtained all the insurance required under this paragraph and such insurance has been approved by the School District, nor shall Supplier allow any subcontractor to commence work on its subcontract until the insurance required of the subcontractor has been so obtained and approved by the School District as provided herein. All of the Supplier's and subcontractors' liability insurance providers must be licensed and authorized to conduct business in the Commonwealth of Pennsylvania. The insurance carriers of whom the Supplier and subcontractors have purchased insurance coverage are to have an A- or better rating plus a

financial rating of VI or better with the “AM Best’s Company Key Rating Guide” – latest edition.

- (a) Workers’ Compensation and Employer’s Liability Insurance: Supplier shall procure and shall maintain during the life of the Contract Worker’s Compensation Insurance and Employer’s Liability Insurance as statutorily required by the state and federal government for each accident, for all of its employees to be engaged in work on the Project, and in case of any such work sublet, Supplier shall require the subcontractor similarly to provide such Workers’ Compensation Insurance and Employer’s Liability Insurance for all of the latter’s employees to be engaged in such work.
- (b) General Liability Insurance: Supplier shall procure and shall maintain during the life of the Contract Supplier’s General Liability Insurance in an amount of not less than \$6,000,000 per occurrence and aggregate.
- (c) Supplier’s Protective Liability and Property Damage Insurance: Supplier shall procure and shall maintain during the life of the Contract Supplier’s Protective Liability Insurance in an amount not less than \$1,000,000 for injuries, including accidental death, to any one person, in an amount not less than \$1,000,000 on account of one accident, and Supplier’s Protective Property Damage Insurance in an amount not less than \$1,000,000.
- (d) Supplier’s Automobile Liability and Property Damage Insurance: Supplier shall procure and shall maintain during the life of the Contract Automobile Liability Insurance in amount not less than \$6,000,000 for injuries, including accidental death, to any one person and subject to the same limit for each person, in an amount not less than \$6,000,000 on account of one accident and Automobile Property Damage Insurance in an amount not less than \$6,000,000 which Liability and Property Damage Insurance shall include all hired automobiles and all non-owned automobiles used by Supplier.
- (e) Subcontractor’s General Liability Insurance, Protective Liability and Property Damage Insurance, and Automobile Liability and Property Damage Insurance: Supplier shall require each of its subcontractors to procure and to maintain during the life of its subcontract, Subcontractor’s Public Liability and Property Damage Insurance, Subcontractor’s Protective Liability and Property Damage Insurance and Sub-Supplier’s Automobile Liability and Property Damage Insurance of the type specified in subparagraphs (b), (c), and (d) hereof, in amounts approved by the School District.
- (f) Scope of Insurance and Special Hazards: The insurance required under subparagraphs (b), (c), (d), and (e) hereof, shall provide adequate protection for Supplier and his subcontractors, respectively, against damage claims which may arise from operations under the Contract, whether such operations be by the insured or by anyone directly or indirectly employed by the insured and, also,

against any special hazards which may be encountered in the performance of this Contract.

- (g) Proof of Carriage of Insurance: The Supplier shall procure, and shall keep in force for the duration of this Contract, a policy or policies of liability insurance, in the types and amounts described above, wherein the School District is named as an additional insured party, issued by a company which is satisfactory to the School District, covering all claims for personal injury, death, and property damage which arise out of or are in anyway related to any act done or omitted with respect to Supplier's performance of the Contract or in the course of such performance. Each such policy shall provide that no cancellation or material change thereof shall be effective until thirty (30) days after written notice of intent to cancel it has been given to the School District. Before performing any work for the School District hereunder, Supplier shall furnish the School District with a certificate of insurance from the insuring company, as evidence that such liability insurance has been obtained. In addition, all of the Supplier's insurance policies shall be primary and non-contributory with respect to any other valid and collectible insurance policies. Failure to furnish the correct type of insurance on the correct forms in the correct amounts shall constitute a material breach of the conditions for award of the Contract and the Supplier shall be deemed to be in default.

Reports, Records, and Data: Supplier and each of its subcontractors shall submit to the School District such schedules of quantities and costs, progress schedules, payrolls, reports, estimates, records and other data as the School District may request concerning work performed or to be performed under this Contract.

Guarantee: Successful Bidder must provide pick-up and delivery of vehicle(s) from the School District's garage to Bidder's service center for all vehicle warranty work. A copy of manufacturer's warranty shall be included and become part of the bid. Unless specified otherwise, Supplier shall guarantee and warrant that all goods received under the Contract shall be free from defects for a period of one (1) year from the School District's date of acceptance thereof, which shall be in addition to any guarantee or warranty provided by the respective manufacturers as required by the Specifications. This warranty shall also cover failure of any components manufactured by outside suppliers and included as original equipment. Successful Bidder must arrange for chassis warranty work either through a local dealer or itself. If any warranties are extended by outside suppliers for more than one (1) year, it should also be so stated and will take precedence.

Prohibited Interests: No official of the School District who is authorized in such capacity and on behalf of the School District to negotiate, make, accept, or approve, or to take part in negotiating, making, accepting, or approving, the Contract or any portion thereof, shall become directly or indirectly interested personally in the Contract or in any part thereof and Supplier shall immediately notify School District to the extent it becomes aware or has reason to believe that any such official has become so involved. No officer, employee, attorney, engineer, or inspector of or for the School District who is authorized in such capacity and in behalf of the School District to exercise any legislative, executive, supervisory, or other similar functions in

connection with the Contract shall become directly or indirectly interested personally (except in such professional capacity) in the Contract or in any part thereof. (18 Pa. C.S. §7503; 62 Pa. C.S.A. §4501 et. seq.)

Subcontracting:

- (a) Supplier may utilize the services of subcontractors.
- (b) Supplier shall not award any work to any subcontractor without prior written approval of the School District, which may be given or withheld in the School District's sole discretion. Supplier shall submit to the School District a written statement concerning the proposed award to the subcontractor, which statement shall contain such information as the School District may require.
- (c) Supplier shall be as fully responsible to the School District for the acts and omissions of its subcontractors and of persons either directly or indirectly employed by them, as it is for the acts and omissions of persons directly employed by the Supplier.
- (d) Supplier shall cause appropriate provisions to be inserted in all subcontracts relative to the work to bind the subcontractors to Supplier by the terms of the General Conditions and other Contract Documents insofar as applicable to the work of subcontractors and to give Supplier the same power as regards terminating any subcontract that the School District may exercise over Supplier under any provision of the Contract Documents.
- (e) Nothing contained in the Contract shall create any contractual relation between any subcontractor and the School District.

Assignments: Supplier shall not assign the whole or any part of the Contract or any moneys due or to become due thereunder without written consent of the School District. In case Supplier assigns all or any part of any moneys due or to become due under the Contract, the instrument of assignment shall contain a clause substantially to the effect that it is agreed that the right of the assignee in and to any moneys due or to become due to Supplier shall be subject to prior liens of all persons, firms, and corporations for services rendered or materials supplied for the performance of the work called for in the Contract.

Mutual Responsibility: If through acts of the Supplier, any subcontractor shall suffer loss or damage, the Supplier agrees to settle with such other subcontractor by agreement or legal proceeding, if it will so settle. If such other subcontractor shall sue the School District on account of any damage alleged to have been so sustained, the School District shall notify the Supplier, who shall defend such proceedings at the Supplier's expense and, if any judgment against the School District arises therefrom, the Supplier shall pay or satisfy it and pay all costs incurred by the School District in connection therewith, including, but not limited to attorneys' fees, paralegals' fees, expert fees, and consultant fees.

Termination For Cause: In the event of termination for cause, the School District, in addition to all other damages recoverable by law, may recover from the Supplier legal fees, professional fees, costs, expenses, including, but not limited to, employee time attributable to said events, and the Supplier shall immediately pay the School District for the same. In the event the Supplier fails to adhere to this contractual provision or other requirements of the Contract, whether the subject provision is material or not, to the extent the School District incurs legal fees, professional fees, costs or expenses, of any kind, in the School District's attempts to enforce such provisions, the School District shall be entitled to assess and the Supplier shall be liable for the same to the School District. In such event, the School District may deduct such amounts from any application for payment, or other amounts invoiced by the Supplier.

Termination For Convenience: If the School District terminates the Supplier for convenience, the School District shall pay only so much of the contract price as is then due the Supplier for work performed or materials supplied in accordance with the Contract Documents in a manner satisfactory to the School District and nothing more.

Timing: Time is of the essence in the performance of the Contract Documents. If conforming goods are not delivered by the delivery date set forth herein or as otherwise required by the School District, the School District may terminate the Contract, purchase order, or any portion thereof, by written notice and obtain substitute services or goods elsewhere. Supplier shall promptly reimburse the School District for any loss or increased costs, including but not limited to downtime or overtime costs, incurred by the School District as a result of obtaining such substitute goods or services. In the School District's sole discretion, the School District may require that the Supplier loan to the School District replacement vehicles of the same size and type as the goods not timely delivered, at Supplier's sole cost, until Supplier delivers conforming goods. Such replacement vehicles shall be in good working order, fit for the School District's purposes, and current with all inspections, registrations, and permits. Use of the Supplier's loaner vehicles shall not release Supplier from Supplier's other obligations in this section to reimburse the School District for other out of pocket costs attributable to Supplier's failure to timely deliver conforming goods.

Taxes: Supplier is solely responsible for the payment of any sales, use, or other tax or duty levied or based on the price of any goods, work, or services provided pursuant to the Contract Documents. If the School District pays any such tax or duty, Supplier shall promptly reimburse the School District therefor.

Invoice Disputes: The School District may dispute invoiced amounts and withhold the disputed amount while the parties try to resolve the dispute. Pending such dispute resolution, the parties shall continue to meet their other obligations under the Contract Documents. Payment of any fees by the School District shall not waive any rights, claims or remedies.

Limitation of Liability: Notwithstanding anything to the contrary, in no event shall the School District's cumulative liability to Supplier for all claims, liabilities, losses, damages, costs, and expenses relating to the Contract Documents, or the goods or services provided thereunder, exceed the amount of the purchase price for any such goods or services that gave rise to such claims, liabilities, losses, damages, costs or expenses, less any amounts already paid by the School District for such goods or services. The School District shall not be liable to Supplier for

any lost profit, loss of business, loss of goodwill, indirect, incidental, punitive, or consequential damages under the Contract Documents or relating to the goods and services provided thereunder.

Indemnification: Supplier shall indemnify, defend, and hold harmless the School District, and its affiliates, officers, elected officials, directors, employees, agents, successors and assigns from and against any and all losses, obligations, liabilities, claims, suits, judgments, damages (whether incidental, consequential, or otherwise), penalties, fines, costs, and expenses (including, without limitation, reasonable attorney' fees, paralegal fees, expert fees, and consultant fees) arising out of, or in connection with (a) the violation or alleged violation of any law, ordinance, regulation, or rights of third parties by reason of performance or nonperformance by Supplier under the Contract Documents; (b) breach of any term, condition, covenant, agreement, representation, or warranty by Supplier; (c) any infringement or alleged infringement of any patent, copyright, trademark, or other intellectual property relating to the use or design of any equipment, materials, goods, or services furnished by Supplier under the Contract Documents or the processes or actions employed by or on behalf of Supplier; (d) injury or death to persons or any real or personal property damage, arising from or relating to the goods or services provided by Supplier under the Contract Documents or acts or omissions of Supplier or its officers, directors, employees, agents, contractors, or subcontractors; or (e) claims arising from or relating to injuries to or death of Supplier's employees, including, but not limited to, claims based upon allegations of negligence of the School District. The indemnity provided in clause (e) is applicable to claims for which Supplier has or may have immunity under the Pennsylvania Workers' Compensation Act, or other similar law, and Supplier agrees and acknowledges that by undertaking to indemnify the School District, Supplier is expressly undertaking indemnification liability by written contract pursuant to Section 303(b) of the Pennsylvania Workers' Compensation Act, or any other similar law. Supplier's obligations under this section shall not be limited to its insurance coverage.

Materials, Services, and Facilities: It is understood that Supplier shall provide and pay for all materials, labor, tools, equipment, transportation, superintendence, and all other services and facilities of every nature, whatsoever necessary to execute, complete, and deliver the goods within the specified time.

Notice: The term "Notice" as used throughout the Contract Documents shall mean written notice. Written notice shall be deemed to have been duly served when delivered personally to or at the last known business address of the person, firm, or corporation for whom intended; to his, her, their, or its duly authorized agent, representative or officer; or when enclosed in a postage prepaid wrapper or envelope addressed to such person, firm, or corporation at his, her, their, or its last known business address and deposited in a United States Mail Box.

Supplier's Obligations: Supplier shall and will, in a good and workmanlike manner, do and perform all work and furnish all goods in accordance with the terms and conditions provided by the Contract, within the time herein specified, in accordance with the provisions of the Contract. Supplier shall observe, comply with, and be subject to all terms, conditions, requirements, and limitations of the Contract, and shall do, carry on, and complete the obligations arising out of the Contract to the satisfaction of the School District.

Workers' Compensation Act: Supplier shall accept, insofar as the work covered by the Contract is concerned, the provisions of the Pennsylvania Workers' Compensation Act, 77 P.S. §1 et seq., and any supplements or amendments thereof, including any which may be passed hereafter and shall insure his liability thereunder, or file with the Wilson School District, a certificate of exemption from insurance from the Bureau of Workers' Compensation of the Department of Labor and Industry.

Observance of Laws: Supplier at all times shall observe and comply with all federal and state laws and local ordinances and regulations in any manner affecting or relating to the Contract Documents and all such orders or decrees as exist at present and those which may be enacted later by bodies or tribunals having jurisdiction or authority over or relating to the Contract Documents, and shall indemnify, defend, and hold harmless the School District and all its officers, elected officials, agents, and employees against any claim or liability arising from or based on the violation of any such law, ordinance, regulations, order, or decree, whether by itself or its employees. Bidders are responsible for determining which federal and state laws, rules, and regulations apply to the Contract, and the Successful Bidder is responsible for ensuring its compliance therewith. The Pennsylvania laws that Bidders should particularly review for applicability to this Bid, include, without limitation:

- (a) "Withdrawal of Bids," 73 P.S. §1601 et seq., where a Bidder desires to withdraw a Bid.
- (b) "Anti-Bid Rigging Act," 73 P.S. §1611 et seq., for standards to be observed by Bidders in preparing their respective bids.
- (c) "Award and Execution of Public Contracts," 62 Pa.C.S.A. §3902 et seq., governing the procedure for the award and execution of public contracts.
- (d) "Motor Vehicle Procurement Act," 62 Pa. C.S.A. §3731 et seq., where motor vehicles are to be supplied as part of a public contract.

Jurisdiction; Venue: Any suit, action, or other proceeding seeking to enforce, or in any way relating to, any provision of the Contract Documents shall be brought only in the Court of Common Pleas of Berks County, Pennsylvania or the United States District Court for the Eastern District of Pennsylvania. By submitting a Bid, Bidders irrevocably consent and submit to the jurisdiction and venue of such courts. Bidders irrevocably waive any objection which they may have to the laying of the venue of any suit, action, or proceeding related in any way, without limitation, to the bidding process, the award of the Contract, or the performance of the Contract, brought in such courts and any claim that such suit, action, or proceeding brought in such courts has been brought in an inconvenient forum or that such courts lack jurisdiction.

Severability: If any provision of these General Conditions or the Contract Documents, or any portion thereof, is held invalid or unenforceable by any court of competent jurisdiction, the other remaining provisions will remain in full force and effect. Any provision of these General Conditions or any Contract Document held invalid or unenforceable only in part will remain in full force and effect to the extent not held invalid or unenforceable.

Waiver: Neither the failure nor delay by the School District in exercising any right, power, or privilege under these General Conditions or the Contract Documents will operate as a waiver of any such right, power, or privilege, and no partial exercise of any such right, power, or privilege will preclude further exercise of such right, power, or privilege or the exercise of any other right, power, or privilege.

Governing Law: The Contract Documents and transactions contemplated thereby shall be governed by, and construed in accordance with, the domestic internal laws of the Commonwealth of Pennsylvania, without regard to its principles pertaining to the conflict of laws.

Confidentiality: The School District, or third parties on the School District's behalf, may disclose to Supplier certain confidential or proprietary information ("the School District Confidential Information"). For a period of five (5) years after termination or expiration of the Contract Documents, Supplier shall not disclose and shall, to the extent within its control, prevent the disclosure by others of the School District Confidential Information to any third party without the prior written consent of the School District. Supplier agrees not to use, or make copies of, the School District Confidential Information except as required for the performance of its obligations under the Contract Documents, and agrees to limit access to the School District Confidential Information to its own employees, agents and consultants strictly on a "need to know" basis; provided, however, that such agents and consultants have executed an agreement with Supplier with confidentiality provisions at least as restrictive as those contained herein. Upon expiration or termination of the Contract Documents, or if requested by the School District, Supplier shall, to the extent possible, promptly return all of the School District Confidential Information. Supplier acknowledges that the disclosure of the School District Confidential Information of the other may give rise to irreparable injury that may be inadequately compensable in damages. To the extent Supplier breaches, or the School District could reasonably believe Supplier may breach, its confidentiality obligations stated herein, Supplier consents to the School District obtaining injunctive relief to prevent, or otherwise limit the damages of, any such breach or threatened breach and waives any requirement for the School District to post any bonds or collateral in connection therewith.

Under Pennsylvania's "Right to Know Law," 65 P.S. § 67.101, et seq., public records are required to be open for reasonable inspection. All Bid information, including detailed price and cost information, will be held in confidence while the District is evaluating the Bids. After the District and Successful Bidder have executed the Contract, all Bids will become public records. Trade secrets and other confidential proprietary data contained in the Bid may be held confidential if the Bidder requests in writing that the District does so and the District agrees in writing to do so. Material considered trade secrets or confidential proprietary data by the Bidder must be clearly identified in the Bid, and the Bidder must include a brief statement that sets out the reasons for requesting the confidentiality of each such material. Information that is to remain confidential must be marked "Proprietary & Confidential" on each page within the Bid where such information exists. Blanket statements that the entire Bid is confidential shall be unacceptable.

Warranties. Supplier warrants that all goods, work, or services furnished pursuant to the Contract Documents shall, as appropriate: (a) be new and free from defects; (b) conform to all

designs, plans, and Specifications; (c) be performed in a good, professional, and workmanlike manner; (d) be merchantable, safe, fit, and appropriate for the School District's particular purpose and use; and (e) be delivered free and clear of any claims, liens, or encumbrances whatsoever.

Waiver of Consequential and Incidental Damages: The Supplier waives claims against the School District for consequential and/or incidental damages arising out of or relating to the Contract. This waiver includes, but is not limited to consequential damages incurred by the Supplier for principal office expenses including, but not limited to, the compensation of personnel stationed there, for losses of financing, business, and reputation, and for loss of actual and expected profits and any incidental damages of any kind, nature, or type.

This waiver is applicable, without limitation, to all consequential and/or incidental damages, due to either the Supplier and/or the School District's termination of the Contract.

Interpretations:

- (a) Where required hereunder to effectuate the intent of the Contract Documents, masculine shall mean neuter or feminine and the singular shall mean the plural.
- (b) The captions and headings of various paragraphs in the Contract Documents are for convenience only and are not to be construed as defining or limiting, in any way, the scope or intent of the provisions hereof.
- (c) The invalidity of any covenant, restriction, condition, limitation, or any other part or provision of the Contract Documents shall not impair or affect in any manner the validity, enforceability or effect of the remainder of the Contract Documents.
- (d) The parties hereto acknowledge that all of them have participated in the drafting of the Contract Documents and the parties hereto expressly waive the defense of contra proferentum, i.e., that the Contract Documents or any portion of the Contract Documents may be construed against any party as the drafter thereof.

NOTICE: BIDS ARE PUBLICLY OPENED AND READ ON THE DATE SPECIFIED. IF YOU ARE INTERESTED IN IMMEDIATE INFORMATION RELATING TO THE BID, PLEASE HAVE A REPRESENTATIVE PRESENT AT BID OPENING. QUESTIONS AND LOW BID INFORMATION WILL BE AVAILABLE DURING BID OPENING. FOLLOWING BID OPENING, THE BIDS WILL BE REVIEWED BY THE APPROPRIATE AUTHORITIES OF AND FOR WILSON SCHOOL DISTRICT. THEREFORE, INFORMATION ON THE BIDS WILL NOT AGAIN BE AVAILABLE UNTIL THEY HAVE BEEN REVIEWED AND A FINAL RECOMMENDATION IS PRESENTED TO THE BOARD OF SCHOOL DIRECTORS OF THE WILSON SCHOOL DISTRICT AT ITS REGULARLY SCHEDULED MEETING.

**Changes, alterations or interlineations in the Bid are not permitted.**

**FORM OF CONTRACT**

THIS CONTRACT is made and entered into this \_\_ day of \_\_\_\_\_, 2018, by and between the WILSON SCHOOL DISTRICT (hereinafter, the "School District"), and \_\_\_\_\_ (hereinafter, the "Bidder"),

1) A Corporation known as \_\_\_\_\_ organized and existing under the laws of the State of \_\_\_\_\_.

OR

2) A Partnership known as \_\_\_\_\_ consisting of the following partners \_\_\_\_\_.

OR

3) An individual \_\_\_\_\_ trading as \_\_\_\_\_ whose address is \_\_\_\_\_ City of \_\_\_\_\_

WITNESSETH, that the parties hereto for the consideration stated, intending to be legally bound hereby, mutually agree as follows:

1. Bidder agrees to furnish \_\_\_\_\_ in strict accordance with the Specifications, General Conditions, and other Contract Documents attached hereto and referred to herein, all of which are made a part hereof, including, but not limited to, all conditions, instructions, requirements, and statements contained therein, not later than \_\_\_\_\_.

2. Provided the Specifications, General Conditions, and other Contract Documents have been completely met, the School District will thereafter pay Bidder the sum of \_\_\_\_\_ DOLLARS AND \_\_\_\_\_ cents (\$\_\_\_\_\_).

3. The General Conditions and the other Contract Documents (as that term is defined in the General Conditions) are hereby incorporated by reference herein as if herein stated in their entirety, and the parties hereto agree to be bound thereby, including, but not limited to, to the provision in the General Conditions allowing the School District to purchase a greater quantity than the quantity listed on the detailed Specifications if the School District elects to do so, in its sole and absolute discretion, within six months of Bid opening.

Bidder \_\_\_\_\_

WILSON SCHOOL DISTRICT

\_\_\_\_\_  
Signature

\_\_\_\_\_  
President

\_\_\_\_\_  
Signature  
(SEAL)

\_\_\_\_\_  
Attest Secretary:

**BID FORM**

**Wilson School District – 2018  
SCHOOL BUS BID**

**PURCHASE**

1. Bid Item: 72 Passenger Conventional Type C School Buses  
A. Specification Quantity: \_\_\_\_\_  
B. Model: \_\_\_\_\_  
C. Year: \_\_\_\_\_  
D. Make of Chassis: \_\_\_\_\_  
E. Unit Price: \_\_\_\_\_  
F. Bid Price (multiply Specification Quantity by Unit Price): \_\_\_\_\_
  
2. Bid Item: 30 Passenger Type A Special Needs Mini School Buses  
A. Specification Quantity: \_\_\_\_\_  
B. Model: \_\_\_\_\_  
C. Year: \_\_\_\_\_  
D. Make of Chassis: \_\_\_\_\_  
E. Unit Price: \_\_\_\_\_  
F. Bid Price (multiply Specification Quantity by Unit Price): \_\_\_\_\_
  
3. Bid Item: 48 Passenger Type C Special Needs School Buses (W/C accessible)  
A. Specification Quantity: \_\_\_\_\_  
B. Model: \_\_\_\_\_  
C. Year: \_\_\_\_\_  
D. Make of Chassis: \_\_\_\_\_  
E. Unit Price: \_\_\_\_\_  
F. Bid Price (multiply Specification Quantity by Unit Price): \_\_\_\_\_

4. Bid Item: 9 Passenger School Van

A. Specification Quantity: \_\_\_\_\_

B. Model: \_\_\_\_\_

C. Year: \_\_\_\_\_

D. Make of Chassis: \_\_\_\_\_

E. Unit Price: \_\_\_\_\_

F. Bid Price (multiply Specification Quantity by Unit Price): \_\_\_\_\_

5. Bid Item: 9 Passenger School Van - Alternate

A. Specification Quantity: \_\_\_\_\_

B. Model: \_\_\_\_\_

C. Year: \_\_\_\_\_

D. Make of Chassis: \_\_\_\_\_

E. Unit Price: \_\_\_\_\_

F. Bid Price (multiply Specification Quantity by Unit Price): \_\_\_\_\_

TOTAL DELIVERED PRICE \_\_\_\_\_

Delivery must occur prior to \_\_\_\_\_

**BID BOND**

The following bid security accompanies this bid:

Type: \_\_\_\_\_

Amount: 10% of Total Bid

The following indicates any discrepancies between this Bid and the School District's general Specifications such as shipping terms, minimum amount of orders, etc.

\*\*\* On a separate sheet attached to the Bid Form, each Bidder shall identify such rebates and/or discounts that it will seek the School District's endorsement and the Supplier shall retain any proceeds related only to such rebates or discounts.

Person(s) to be contacted should clarification of any part of your bid be necessary:

\_\_\_\_\_

Name	Telephone
------	-----------

BIDDER'S NAME: \_\_\_\_\_

ADDRESS: \_\_\_\_\_

DATE: \_\_\_\_\_

SIGNATURES: \_\_\_\_\_

**BID BOND FORM**

KNOW ALL MEN BY THESE PRESENTS, that we, \_\_\_\_\_  
\_\_\_\_\_(hereinafter called the "Principal"),  
as Principal, and \_\_\_\_\_ a company authorized  
to transact business in the Commonwealth of Pennsylvania, and having its principal office at \_\_\_\_  
\_\_\_\_\_  
(hereinafter called the "Surety"), as Surety, are held and firmly bound unto Wilson School  
District (hereinafter called the "Obligee"), as Obligee, in the sum of \_\_\_\_\_  
\_\_\_\_\_ Dollars (\$ \_\_\_\_\_ ) lawful  
money of the United States of America, for payment of which we bind ourselves, and each of our  
respective heirs, legal representatives, successors and assigns, jointly and severally, by these  
presents, on this \_\_\_\_\_ day of \_\_\_\_\_, 2018.

WHEREAS, said Principal is herewith submitting to the Obligee a Bid to supply \_\_\_\_\_  
\_\_\_\_\_  
for the Obligee's performance of the Wilson School District 2018 School Bus Bid pursuant to  
Specifications and other Contract Documents incorporated into the Obligee's Contract  
Documents by reference; and it is a condition of the Obligee's receipt and consideration of said  
Bid that such shall be accompanied by Bid Security to be held by the Obligee on terms embodied  
herein.

THEREFORE, the condition of this obligation is that if said Principal shall upon the  
Obligee's delivery to the Principal of seven (7) days notice of intention to accept the Principal's  
Bid and to make a formal award of Contract enter into such Contract and shall furnish insurance  
certificates in all respects as required by the Contract Documents, then this obligation shall be  
void, but otherwise it shall remain in full force. In the event of the failure to enter into such  
Contract or furnish such certificates of insurance within the time specified, the Principal and  
Surety shall pay to the Obligee the difference between the amount of the Principal's accepted  
Bid and any higher amount for which the Obligee may contract for the required work, as well as  
any advertising, legal and other expenses incurred by the Obligee by reason of the default;  
provided, however, that the obligations of the Surety hereunder shall not exceed the amount of  
this Bid Bond together with interest.

IN WITNESS WHEREOF, the Principal and Surety, intending to be legally bound, have  
executed this Bid Bond the day and year aforementioned.

\_\_\_\_\_  
(Individual Principal)

\_\_\_\_\_  
(Signature of Individual)

\_\_\_\_\_  
Witness:  
(SEAL)

\_\_\_\_\_  
Trading and doing business as:

Trading and doing business as:

Witness:

---

(Partnership Principal)

---

(Name of Partnership)

---

Witness:

---

(SEAL)

By \_\_\_\_\_

---

(SEAL)

By \_\_\_\_\_

(Partnership Principal)

---

(Corporation Principal)

---

(Name of Corporation)

---

ATTEST:

\_\_\_\_\_  
(Secretary)

By: \_\_\_\_\_  
(President)

(CORPORATE SEAL)

or (if appropriate)

Witness:

\_\_\_\_\_

\*By: \_\_\_\_\_  
(Authorized Representative)

\*Attach appropriate proof, dated as of the same date as the Bid Bond, evidencing authority to execute on behalf of the corporation.

(Corporation Surety)

(Name of Corporation)

Witness or Attest:

\_\_\_\_\_

\*By: \_\_\_\_\_  
(Attorney in Fact)

(CORPORATE SEAL)

\*\*Attach an appropriate power of attorney, dated as of the same date as the Bid Bond, evidencing the authority of the Attorney-In-Fact to act on behalf of the Corporation Surety.

IN WITNESS WHEREOF, the Principal and Surety, intending to be legally bound, have executed this Bid Bond the day and year aforementioned.

**WILSON SCHOOL DISTRICT – 2018**

CERTIFICATE AS TO CORPORATE PRINCIPAL

I, \_\_\_\_\_ certify that I am the \_\_\_\_\_ of the Corporation named as PRINCIPAL, in the within Bid Bond; that \_\_\_\_\_, who signed the said Bid Bond on behalf of the Principal, was then \_\_\_\_\_ of said corporation; that I know the signee's signature, and the signature thereto is genuine; and that said Bid Bond is duly signed, sealed and attested for on behalf of said Corporation by authority of its governing body.

\_\_\_\_\_  
(Affix Corporate Seal)

\_\_\_\_\_  
(Assistant Secretary)

**Wilson School District – 2018**

**NON-COLLUSION AFFIDAVIT**  
**WILSON SCHOOL DISTRICT**

Commonwealth of Pennsylvania :  
: s.s.  
County of \_\_\_\_\_ :

I state that I am \_\_\_\_\_ of \_\_\_\_\_  
(Title) (Name of My Company),

the Bidder that submitted that attached Bid and that I am authorized to make this affidavit on behalf of my company, its owners, directors, and officers. I am the person responsible in my company for the price(s) and the amount of this Bid.

I state that:

(1) The price(s) and amount of this Bid have been arrived at independently and without consultation, communication or agreement by the Bidder, any of its sureties, agents, representatives, owners, employees, or parties in interest with any other contractors, bidders, potential bidders or any other sureties, agents, representatives, owners, employees or parties in interest of any other contractors, bidders or potential bidders. The price(s) quoted in the attached Bid are fair and proper and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Bidder or any of its sureties, agents, representatives, owners, employees, or parties in interest, including this affidavit.

(2) Neither the price(s) nor the amount of this Bid, and neither the approximate price(s) nor approximate amount of this Bid, have been disclosed to any other company or person who is a bidder, potential bidder or a surety, agent, representative, owner, employee or party in interest of any other contractor, bidder or potential bidder, and they will not be disclosed before opening bid.

(3) No attempt has been made or will be made to induce any company or person to refrain from bidding on this Contract, or to submit a Bid higher than this Bid, or to submit any collusive or intentionally high or non-competitive Bid or other form of complementary Bid.

(4) The Bid of my company is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any bidder, potential bidder or a surety, agent, representative, owner, employee or party in interest of any other contractor, bidder or potential bidder to submit a complementary or other non-competitive Bid.

(5) \_\_\_\_\_, its affiliates, subsidiaries, officers, directors, and  
(Name of My Company)

employees are not currently under investigation by any governmental agency and have not in the last four (4) years been convicted or found liable for any act prohibited by state or federal law in

any jurisdiction, involving conspiracy or collusion with respect to bidding on any public contract, except as follows:

I state that \_\_\_\_\_ understands and acknowledges that  
(Name of My Company)

the above representations are material and important, and will be relied on by the Wilson School District in awarding the Contract(s) for School Buses which this Bid is submitted.

I understand and my company understands that any misstatement in this affidavit is and shall be treated as fraudulent concealment from the Wilson School District of true facts relating to the submission of Bids for this Contract.

\_\_\_\_\_  
(Name and Position in Company)

SWORN TO AND SUBSCRIBED BEFORE ME THIS \_\_\_\_ DAY OF \_\_\_\_\_, 2018

\_\_\_\_\_  
Notary Public

My Commission Expires:

2018

ACKNOWLEDGEMENT - RECEIPT OF REVISIONS/ADDENDUMS

I (We) hereby acknowledge receipt of the following revisions and/or addendums to the Specifications and other Contract Documents:

REVISION/ADDENDUM NUMBER	DATE RECEIVED
--------------------------	---------------

Bidder	Phone
--------	-------

BIDDER'S PAST HISTORY

List of like ITEMS supplied in the past three (3) years with Owner's name, address, phone number and contact person.

ITEM	OWNER/CONTRACT PERSON	ADDRESS & PHONE #
------	-----------------------	-------------------

Supplier and subcontractors capabilities, as required aforesaid. If subcontractors are not listed, they cannot be used by the Supplier for the project.

Bidder	Phone
--------	-------

**WILSON SCHOOL DISTRICT – BUS BID 2018  
BID CERTIFICATION**

BID OF

(Name of Bidder)

(Business Address of Bidder)

(Date)

WILSON SCHOOL DISTRICT:

This is a Bid to provide SCHOOL TRANSPORTATION VEHICLES. This Bid is due at or before 2:00 p.m., local time, on October 8, 2018. Bids must be submitted on the Bid Form prepared by the School District.

The undersigned, having examined carefully the Bid Documents agrees to furnish the goods identified on the Bid Form, as described in the Specifications, with any exceptions or alternates permitted by the School District. Bidder acknowledges that the School District may purchase more or less than the number of units identified on the Bid Form, at the School District's sole discretion, should Bidder be the Successful Bidder, and should the School District award the Contract to Bidder.

Bids shall be placed in a sealed envelope plainly marked SCHOOL BUS BID and addressed to the Wilson School District, 2601 Grandview Boulevard, West Lawn, PA 19609-1324, Attention: Business Office.

Bidder

Phone

This certifies that (1) this Bid is genuine and is not a sham, collusive or fraudulent; (2) this Bid is not made in the interest of or in behalf of any other person other than the undersigned; and (3) the undersigned has not sought in any manner, by collusion or otherwise, to secure any advantage over any other Bidder.

(INDIVIDUAL BIDDER)

(SEAL)

(Date)

(Signature of Individual)

Witness:

Trading and doing business as:

Business Address

(PARTNERSHIP BIDDER)

(Date)

(Name of Partnership)

Witness:

By

(SEAL)

By

(SEAL)

By

(SEAL)

By

(SEAL)

Business Address

Bidder

Phone

(CORPORATION BIDDER)

(Corporate Seal)

Name of Corporation

By

(Date)

(President, Vice-President or

Authorized Representative\*)

Attest:

(Secretary, Asst. Sec.)

Business Address

\*Attach appropriate proof evidencing authority to execute in behalf of the corporation.

Bidder:

Phone:

### 30 PASSENGER TYPE A SPECIAL NEEDS MINI SCHOOL BUS SPECIFICATIONS

The specifications that follow are minimum basic requirements. Any deviations must be properly identified. Only the school board and their advisors will determine if a product substitution is equal to, or exceeds, bid specifications. For this reason, bidders are discouraged from describing any deviation simply as “equal” or “exceeds” the described requirements. Bidders instead are strongly encouraged to fully explain such deviations. Failure to do so will result in rejection of the bid and/or product for noncompliance.

All items necessary for Pennsylvania Department of Transportation and federal safety standards for Pennsylvania State Inspection to be included in bid price. In addition, vehicles are to include current Pennsylvania State Inspection. All inspection stickers and necessary papers for title/lease and registration to be included at time of delivery.

Additionally, all specifications to be subject to and meet the applicable requirements stated and provided in Title 67 of the Pa. Code.

Bids shall include detailed specification sheets, including guarantees, for vehicles being bid.

VEHICLE SHALL MEET ALL APPLICABLE AND CURRENT FMVSS, INCLUDING REQUIREMENTS OF FMVSS #221 DEFINING 60% JOINT TENSILE STRENGTH FOR SCHOOL BUSES.

GROSS VEHICLE WEIGHT RATING SHALL BE **12,300 LBS.**

SHALL BE POWERED UTILIZING 6.0 LITER GASOLINE FUELED ENGINE. BIDDERS ARE ENCOURAGED TO BID THE 6.6L DURAMAX DIESEL ENGINE AS WELL SHALL BE NEW 2019 MODEL YEAR.

ENGINE TYPE: \_\_\_\_\_

CAPACITY SHALL BE A MINIMUM OF 30 PASSENGERS.

BODY MANUFACTURED BY \_\_\_\_\_

DIMENSIONS TO BE:

- OVERALL LENGTH: 291 INCHES – MINIMUM INCLUDES BUMPERS.
- BODY WIDTH – EXCLUDING MIRRORS – 96 INCHES – MINIMUM.
- OVERALL HEIGHT TO BE 118 INCHES – MAXIMUM.
- WHEELBASE SHALL NOT EXCEED 159 INCHES.
- CHASSIS MANUFACTURED BY CHEVROLET.



## BODY REQUIREMENTS

### 1. CONSTRUCTION

- A. Body construction shall meet or exceed all requirements of FMVSS #221.

EXCEPTION: \_\_\_\_\_

- B. All floor joints shall meet the joint strength requirements of FMVSS #221. Floor panels of .080 aluminum shall be covered with 5/8 inch plywood.

EXCEPTION: \_\_\_\_\_

- C. For increased strength and protection in the critical side collision area. A galvanized steel gusset shall be installed on both sides. This protective side armor shall be in addition to, not part of, the exterior sheet metal.

EXCEPTION: \_\_\_\_\_

- D. Hat shaped, 16 gauge steel roof bows shall be die-formed with minimum 1 7/8 inch depth for strength. The forward and rearward most bows shall be continuous from floor on one side and ending at floor on the other. Intermediate roof bows and bow posts shall be joined at continuous 16 gauge steel headers that are one piece full length of body on each side above windows for strength and durability. The bows and bow posts shall be riveted to the 16 gauge steel side gussets.

EXCEPTION: \_\_\_\_\_

- E. Die formed, 14 gauge steel belt rails shall start at rearmost bow and continue around corners to 11 gauge steel emergency door frame structure on both sides. Heavy 11 gauge steel channel shall secure the frame to the emergency door header which runs full width from bow to bow each side.

EXCEPTION: \_\_\_\_\_

- F. All exterior sheet metal shall be installed utilizing pull rivets exterior roof sheets shall be of 18 gauge aluminum and one piece from window top to window top on other side for maximum strength. Rain visors over passenger windows. Exterior side panels shall be of 18 gauge aluminum, one piece from windowsill to bottom of skirt. Exterior panels at rear shall one piece fiberglass reinforced composite panel.

EXCEPTION: \_\_\_\_\_

- G. All interior sheet metal shall be installed utilizing pull rivets; sheet metal screws may be used at access panels. Interior side panels and ceiling panels shall be embossed 22 gauge aluminum. Ceiling panels shall be pre-painted aluminum.

EXCEPTION: \_\_\_\_\_

- H. Both front and rear roof caps shall be of molded, reinforced composite fiberglass for best durability.

EXCEPTION: \_\_\_\_\_

- I. Four 16 gauge steel, die formed rub rails shall be applied to exterior sheet metal; one at window line, one at seat level, one above floor level and at bottom of skirt. Three rubrails required on lift doors. All rails designed to facilitate drainage.

EXCEPTION: \_\_\_\_\_

- J. Body shall be fully undercoated before mounting on chassis for most effective coverage.

EXCEPTION: \_\_\_\_\_

- K. Body shall be mounted to chassis utilizing a frame-mounted bracket with upper and lower rubber isolators designed to absorb shock on compression and extension.

EXCEPTION: \_\_\_\_\_

2. RIGHT FRONT VISION PANEL

- A. To maximize driver's field of vision, a molded composite fiberglass panel with minimum 550 sq. In. "more-view" glass area is required at right front ahead of entrance door.

EXCEPTION: \_\_\_\_\_

3. DOOR – STEPWELL – ENTRANCE

- A. Both door panels shall open outward providing a minimum clear opening of 80 inches high x 32 inches. Each panel padded with rubber nosing to protect fingers at closing. **ENTRANCE DOOR SHALL BE ELECTRIC OPERATED WITH AN EXTERIOR ELECTRIC ENTRANCE DOOR KEY SWITCH.** Driver's entrance door shall be provided by chassis manufacturer, with step. Dual leaf lift door in right rear. **DOOR SHALL NOT PROTRUDE THROUGH ROOF.**

EXCEPTION: \_\_\_\_\_

4. EMERGENCY EXITS

- A. The primary emergency exit shall be a door located at rear center of vehicle. The door shall have tinted upper and lower glass. Minimum acceptable clear opening is 37 inches horizontal and 52 inches vertical. Dual 6 inch hinges with zinc fittings for lubrication.

Retainer to hold open at 90 degrees is required. Install 4 inch header over door. Warning buzzer to be activated by handle. Vandal lock required.

EXCEPTION: \_\_\_\_\_

B. (1) one transpec roof hatch.

EXCEPTION: \_\_\_\_\_

5. FLOOR COVERING

A. 5/8 inch plywood with gray rubber floor covering shall be installed under passenger seats and in driver area. Ribbed gray rubber, required in aisle areas. Ribbed rubber with white nosing required on steps.

EXCEPTION: \_\_\_\_\_

6. FUEL DOOR

A. Fuel fill shall be installed in body skirting.

EXCEPTION: \_\_\_\_\_

7. HEADROOM

A. Interior must have minimum of 76 inch headroom throughout and 93 inch wide at hip passenger area.

EXCEPTION: \_\_\_\_\_

8. HEATERS AND DEFROSTER

A. Front driver heater and defroster are supplied by chassis manufacturer. 41,700 btu wall heater on left rear wall.

EXCEPTION: \_\_\_\_\_

9. INSULATION

A. Insulation, 1 ½ inches thick, shall be installed in roof and at front and rear of body to maintain vertical integrity.

EXCEPTION: \_\_\_\_\_

10. LIGHTS AND REFLECTORS

- A. Warning light system meeting current state specifications is required. Mounting shall be recessed for protection and best appearance.

EXCEPTION: \_\_\_\_\_

- B. Four of dome lights, mounted over seats. Separate driver dome light with switch.

EXCEPTION: \_\_\_\_\_

- C. Two (2) four inch back up lights come on when transmission is in reverse. Two (2) seven inch led amber directionals at rear. Two led directional lights shall be mounted on both sides toward front of body.

EXCEPTION: \_\_\_\_\_

- D. Three (3) amber front and three (3) red rear mounted marker lights. LED.

EXCEPTION: \_\_\_\_\_

- E. LED clearance lights as required by law. Boarding lights at entrance & lift doors.

EXCEPTION: \_\_\_\_\_

- F. Two (2) seven inch led stoplights wired to come on when taillights brighten for brake application.

EXCEPTION: \_\_\_\_\_

- G. Stepwell light wired with clearance light switch – comes on when door is opened.

EXCEPTION: \_\_\_\_\_

- H. One inch 3M reflective tape framing all emergency exits. 3M reflective tape on side and rear of bus. 8” reflective school bus signs, placed on front and rear.

EXCEPTION: \_\_\_\_\_

- I. Two (2) three inch red reflectors on side near the rear of body and two (2) three inch red reflectors mounted on rear.

EXCEPTION: \_\_\_\_\_

11. MIRRORS

- A. Exterior mirrors to be two (2) Rosco cross view mirror. To be mounted at right and left front fenders.

EXCEPTION: \_\_\_\_\_

- B. Two (2) Rosco rearview heated mirrors, one each side, shall be positioned for visibility through the windshield.

EXCEPTION: \_\_\_\_\_

- C. Interior mirror to be 6" x 16" clear safety glass with safety plate.

EXCEPTION: \_\_\_\_\_

12. MUD FLAPS

- A. Install mud flaps behind front wheels, both sides, and behind dual rear wheels, right and left side.

EXCEPTION: \_\_\_\_\_

13. PAINT

- A. Interior to be white baked enamel – lead free.

EXCEPTION: \_\_\_\_\_

- B. Exterior to be national school bus chrome yellow. Trim shall be black OEM.

EXCEPTION: \_\_\_\_\_

- C. Paint to be heat cured, polyurethane for best durability – lead free.

EXCEPTION: \_\_\_\_\_

14. SAFETY EQUIPMENT

- A. Following are minimum requirements and to be installed within easy reach for driver quick accessibility:

- 5 lb. Dry fire extinguisher with hose
- 10 unit standard first aid kit
- Triangular warning devices
- Body fluid kit
- Seat belt cutter

EXCEPTION: \_\_\_\_\_

- B. Back-up alarm

EXCEPTION: \_\_\_\_\_

15. DRIVER SEAT

- A. To be installed by chassis manufacturer. Shall include lap and shoulder belt for driver. Cloth fabric.

EXCEPTION: \_\_\_\_\_

16. PASSENGER SEATS

- A. Seats shall meet all federal safety requirements. Seat belt ready frames and belts.

EXCEPTION: \_\_\_\_\_

- B. Seats shall be numbered above the windows. Odd left, even right.

EXCEPTION: \_\_\_\_\_

- C. Crash barriers at right and left, modesty panel required under right barrier.

EXCEPTION: \_\_\_\_\_

- D. Driver document pouch on the barrier behind the driver.

EXCEPTION: \_\_\_\_\_

- E. Four (4) rows of 39" seats & one (1) 30" seat left side. Three rows 39" seats right side. All seats have 60" color-coded seat belts. Extensions are not acceptable. First two rows left & right require c e white integrated seats four (4) total. Belt cutter to be supplied and stowed in driver area.

EXCEPTION: \_\_\_\_\_

- F. Upholstery shall be 42 oz. Burgundy.

EXCEPTION: \_\_\_\_\_

17. STOP ARM / CROSSING ARM

- A. Install an electrically operated stop arm to meet FMVSS #131 and all state requirements. Electrically operated crossing arm with yellow poly rod. Shall have led lights on the stop arm.

EXCEPTION: \_\_\_\_\_

18. STORAGE COMPARTMENT

A. Driver storage compartment shall be located to right of front console.

EXCEPTION: \_\_\_\_\_

19. SWITCH PANEL

A. Driver's switch panel shall be located to the right in easy reach of driver. Switches shall be clearly labeled.

EXCEPTION: \_\_\_\_\_

20. WINDOWS

A. Driver window to be supplied by chassis manufacturer.

EXCEPTION: \_\_\_\_\_

B. Passenger windows shall be split sash with aluminum frames. A full 12 inch vertical opening required when upper sash is lowered. Side and rear windows to be dark tinted.

EXCEPTION: \_\_\_\_\_

21. WINDSHIELD

A. One piece, provided by chassis manufacturer.

EXCEPTION: \_\_\_\_\_

22. WINDSHIELD WIPER/WASHERS

A. Electric, bottom mounted provided by chassis manufacturer. Electric washer with handy reservoir under engine hood.

EXCEPTION: \_\_\_\_\_

23. WIRING

A. All body wiring shall be number and color-coded. To be protected by automatic resetting circuit breakers. Easy access to wiring terminals, circuit breakers, and other electrical components for body shall be provided behind a hinged panel above driver on left side. Body solenoid switch required.

EXCEPTION: \_\_\_\_\_

24. BUMPERS

A. Front as supplied by chassis manufacturer.

EXCEPTION: \_\_\_\_\_

B. Rear shall be mounted to chassis frame. One piece, 3/16 inch thick aluminum plate with die formed strength ridges. 8 inches high with 90 degree flanges top and bottom, 14 inch wraparound each side.

EXCEPTION: \_\_\_\_\_

25. RADIO / SPEAKERS

A. AM/FM/CD with (4) speakers, two front and two in rear.

EXCEPTION: \_\_\_\_\_

26. LETTERING/NUMBERS/REFLECTIVE

A. Side lettering: WILSON SCHOOL DISTRICT in 5” letters black, bold. Numbers to be determined after award of bus. Front & rear school bus signs to be 3M reflective. 2” lateral reflective 3M tape on both sides of bus.

EXCEPTION: \_\_\_\_\_

27. MISCELLANEOUS

A. 40,000 BTU air conditioner rear free blow evaporator and skirt mounted condenser. **DUAL COMPRESSOR SYSTEM (NO EXCEPTION) NO TIE-IN TO OEM SYSTEM.**

EXCEPTION: \_\_\_\_\_

28. VEHICLE DELIVERY

A. Vehicle is to be delivered within forty-five days of award of contract.

EXCEPTION: \_\_\_\_\_

## 48 PASSENGER SPECIAL NEEDS TYPE C SCHOOL BUS SPECIFICATION

The specifications that follow are minimum basic requirements. Any deviations must be properly identified and fully described in the spaces marked "Exception" below. Only the school board and their advisors will determine if a product substitution is equal to, or exceeds, bid specifications. For this reason, bidders are discouraged from describing any deviation simply as "equal" or "exceeds" the described requirements. Bidders instead are strongly encouraged to fully explain such deviations. Failure to do so will result in rejection of the bid and/or product for noncompliance.

All items necessary for Pennsylvania Department of Transportation and federal safety standards for Pennsylvania State Inspection to be included in bid price. In addition, vehicles are to include current Pennsylvania State Inspection. All inspection stickers and necessary papers for title/lease and registration to be included at time of delivery.

Additionally, all specifications to be subject to and meet the applicable requirements stated and provided in Title 67 of the Pa. Code.

Bids shall include detailed specification sheets, including guarantees, for vehicles being bid.

### Chassis Specifications

*(Please indicate exceptions to bid specifications where applicable)*

1. Vehicles to be a new 2019

YEAR OF VEHICLE: \_\_\_\_\_

2. Vehicle to be Blue Bird, International or Thomas

EXCEPTION: \_\_\_\_\_

3. Vehicle capacity to be 48 passengers, fully seated

EXCEPTION: \_\_\_\_\_

4. FRAME RAILS

A. To be mild carbon steel (50,000 psi steel)

EXCEPTION: \_\_\_\_\_

B. Tow hooks, frame mounted, front and rear.

EXCEPTION: \_\_\_\_\_

5. BUMPER: Front steel, full width aerodynamic heavy duty (0.25" material thickness)  
EXCEPTION: \_\_\_\_\_
6. AXLE:
- A. FRONT: 12,000 LB. capacity, minimum.  
EXCEPTION: \_\_\_\_\_
- B. REAR: 21,000 LB. capacity, minimum.  
EXCEPTION: \_\_\_\_\_
7. SUSPENSION:
- A. Front: Heavy duty 10,000 lb. Air Ride.  
EXCEPTION: \_\_\_\_\_
- B. Rear: Heavy duty 21,000 lb Air Ride.  
EXCEPTION: \_\_\_\_\_
8. TIRES / WHEELS:
- A. Front: Two (2) Highway 255 70R/22.5 (16 ply) tubeless steel belted Radials.  
EXCEPTION: \_\_\_\_\_
- B. Rear: Four (4) Mud & Snow 255 70R/22.5 (16 Ply) tubeless steel Radials.  
EXCEPTION: \_\_\_\_\_
- C. Hub pilot, 8.25" x 22.5", Minimum  
EXCEPTION: \_\_\_\_\_
9. SHOCK ABSORBERS
- A. Heavy duty shocks shall be supplied front and rear. They are to be double acting and compatible with the manufacturer's rated axle capacities.  
EXCEPTION: \_\_\_\_\_

10. BRAKES:

- A. ABS braking system to be supplied to satisfy Federal Regulations. Complete air-braking system to be supplied.

EXCEPTION: \_\_\_\_\_

- B. MGM air parking brake system.

EXCEPTION: \_\_\_\_\_

- C. Compressor 18.7 cubic, minimum.

EXCEPTION: \_\_\_\_\_

- D. Automatic slack adjusters.

EXCEPTION: \_\_\_\_\_

- E. Illuminated pressure gauges on instrument panel with warning buzzer.

EXCEPTION: \_\_\_\_\_

- F. Brake system to fully comply with Pennsylvania Vehicle Code.

EXCEPTION: \_\_\_\_\_

- G. Bendix (AD-9) heated Air Dryer.

EXCEPTION: \_\_\_\_\_

- H. Front brake size to be 16.5" x 5", Minimum.

EXCEPTION: \_\_\_\_\_

- I. Rear brake size to be 16.5" x 7", Minimum.

EXCEPTION: \_\_\_\_\_

- J. Brake thickness shall not be less than 0.375" front, 0.75" rear.

EXCEPTION: \_\_\_\_\_

- K. A VGT exhaust brake and dash mounted switch shall be installed with easy access.

EXCEPTION: \_\_\_\_\_

11. STEERING

- A. Steering wheel 18 “. Tilting & Telescoping column to be included. Power-steering.

EXCEPTION: \_\_\_\_\_

12. FUEL TANK

- A. 60 gallon fuel tank minimum, mounted in rear overhang.

EXCEPTION: \_\_\_\_\_

- B. Tank to meet all Federal and State Regulations

EXCEPTION: \_\_\_\_\_

- C. Fuel tank door to be located over fuel opening, locking. Fuel sender inspection plate shall be located over fuel tank in body floor.

EXCEPTION: \_\_\_\_\_

13. HORNS

- A. Dual electric horns

EXCEPTION: \_\_\_\_\_

14. ELECTRICAL SYSTEM

- A. 12 volt system required.

EXCEPTION: \_\_\_\_\_

15. FRONT END

- A. Tilting metton composite or fiberglass hood. Tilt assist with prop shall be included

EXCEPTION: \_\_\_\_\_

16. ENGINE

- A. Diesel powered electronically controlled engine, 220 HP minimum, In-Line 6 Cylinder. 24 month free towing to nearest repair facility. 5 year / 100,000 mile warranty on engine and electronics.

EXCEPTION: \_\_\_\_\_

B. Full flow oil filter.

EXCEPTION: \_\_\_\_\_

C. Air cleaner with heavy duty dry paper element.

EXCEPTION: \_\_\_\_\_

D. To be equipped with a Racor heated fuel/water separator.

EXCEPTION: \_\_\_\_\_

E. Engine block heater to be 750 watt with receptacle mounted in front bumper

EXCEPTION: \_\_\_\_\_

17. COOLING SYSTEMS

A. Heavy duty and compatible with specified engine.

EXCEPTION: \_\_\_\_\_

B. Shall be furnished with long-life coolant protected to -65F and 180F Minimum

EXCEPTION: \_\_\_\_\_

C. All radiator hoses to be premium rubber with constant torque hose clamps.

EXCEPTION: \_\_\_\_\_

18. ALTERNATOR

A. 240 AMP Minimum

EXCEPTION: \_\_\_\_\_

19. BATTERY

A. Three (3) 12 volt 2100 CCA total Batteries (skirt mounted left side body).

EXCEPTION: \_\_\_\_\_

20. WIRING:

A. Heavy duty throughout and protected by Circuit Breakers.

EXCEPTION: \_\_\_\_\_

B. Shall be loomed, encased or concealed where possible within the body interior.

EXCEPTION: \_\_\_\_\_

21. INSTRUMENTS:

A. Shall include: Speedometer, Odometer, Voltmeter, Tachometer, Engine Hour Meter, Fuel gauge, Oil pressure gauge, Water temp gauge, Air pressure (dual gauges), Low oil pressure-High water temperature warning system. All instruments shall be illuminated and installed directly in front of the driver.

EXCEPTION: \_\_\_\_\_

22. CONTROLS:

A. Electronic throttle, Key starter with Electric key shut down. High Beam indicator, Head light switch. Self-canceling turn signals.

EXCEPTION: \_\_\_\_\_

23. TRANSMISSION:

A. ALLISON 2500 PTS 5-speed automatic transmission, with Trans Synd Fluid. Five year unlimited mile extended warranty to be included.

EXCEPTION: \_\_\_\_\_

B. Driveline shall be Spicer SPL-70 or approved equal that coincides with engine and transmission.

EXCEPTION: \_\_\_\_\_

24. TURN SIGNALS

A. Turn signals shall be part of headlight bezel.

EXCEPTION: \_\_\_\_\_

25. HEADLIGHTS

A. Halogen only.

EXCEPTION: \_\_\_\_\_

**BODY SPECIFICATIONS**

**(Please indicate exceptions to bid specifications where applicable)**

1. BUS LENGTH

A. To be approximately 33 feet.

EXCEPTION: \_\_\_\_\_

2. BUS BODY

A. To be 26' 10" minimum for purposes of Maximum knee room.

EXCEPTION: \_\_\_\_\_

3. BUS BODY WIDTH

A. To be 96" (8 feet).

EXCEPTION: \_\_\_\_\_

4. BODY CONSTRUCTION:

A. Minimum 14 gauge hat shaped roof bows - One piece from floor line on left side overhead to floor line right side shall be supplied

EXCEPTION: \_\_\_\_\_

B. Minimum of four protective rub rails to be applied; rails to be riveted to structural bows and side panels with buck rivets; four double ribbed 16 gauge steel applied rub rails are installed as follows: one below side windows, one at seat (passenger) level, one near the floor level, one at the bottom of the skirt. Seat and floor rails shall extend around rear corner.

EXCEPTION: \_\_\_\_\_

C. Outside side panels to be constructed of 16 gauge steel; side panels extended from below the side windows to a distance of 16 1/4" below the floor (16 1/4" skirt); rear corner panels to be constructed of 20 gauge steel and include a license emboss both right and left; front roof cap to be formed from 18 gauge steel; rear roof cap to be formed from 20 gauge steel; roof sheets to be constructed of 20 gauge steel and span the entire width of the bus (window header to window header roof sheets to include an embossed rain visor over side windows; front cowl panels to be constructed to 18 gauge steel; floor panels to be constructed of 14 gauge steel and reinforced with full width "U" channel cross members;

EXCEPTION: \_\_\_\_\_

D. A removable 18 gauge steel front upper inner panel to be provided to allow access to the front roof cap area. A removable 20 gauge steel rear upper inner panel is to

be provided to allow access to the rear roof cap area. Removable 22 gauge wire molding, right and left, to be provided to allow access to wiring harnesses; 22 gauge texturized aluminized steel inside panels to be provided extending from window sill down to the floor gusset seat ledge for the entire length of the body on both the right and left sides. Headlining panels to span the entire side of the bus (window header to window header), to be constructed of 22 gauge steel and double-hemmed to provide additional join strength.

EXCEPTION: \_\_\_\_\_

E. Mill applied electrodeposited prime coated steel to be used. Each part must be re-treated with zinc primer coating after fabrication and before assembly

EXCEPTION: \_\_\_\_\_

F. Minimum 14 gauge hat shaped roof bows one-piece from floor line on left side overhead to floor line on right.

EXCEPTION: \_\_\_\_\_

G. Body sheet metal shall be fastened with steel buck rivets on exterior and blind rivets on interior.

EXCEPTION: \_\_\_\_\_

H. Body shall be fully undercoated with two applications under floor, skirt panels and wheel wells prior to mounting on chassis.

EXCEPTION: \_\_\_\_\_

5. FLOOR CONSTRUCTION

A. Main body floor joints to have a minimum 60% joint strength; Bows are not to extend below floor line. Flat floor construction with full track for seats and wheel chair securement, both left & right sides.

EXCEPTION: \_\_\_\_\_

6. DEFROSTER

A. Compliment of defroster warm air outlets/snorkels sufficient to keep windshield, driver's window, and entrance door glass free of fog, snow and ice. Full width defroster is to be furnished.

EXCEPTION: \_\_\_\_\_

7. DOOR – ENTRANCE

- A. Shall be air operated, 3-position switch, outward opening design to prohibit protrusion beyond body width when door is open. Stainless steel grabrails shall be provided at entry way. Header pad to be supplied over entrance door. Front, Rear and lift door vandal locks to be included.

EXCEPTION: \_\_\_\_\_

8. DOOR - REAR EMERGENCY

- A. To be located center rear at aisle. Safety glass to be installed in lower door panel, Minimum of 37.5” door width. Glass to be dark tinted. A screen shall cover the bottom window.

EXCEPTION: \_\_\_\_\_

9. EMERGENCY ESCAPE HATCH: Two (2) Low profile roof hatches.

EXCEPTION: \_\_\_\_\_

10. NOISE REDUCTION PACKAGE

- A. Shall include acoustic headliner full length. To be made of perforated steel. Noise insulation in driver’s area.

EXCEPTION: \_\_\_\_\_

11. FLOOR COVERING

- A. 5/8” Marine grade plywood over 14 gauge galvanized steel. Plywood is required to be screwed down. Heavy duty rubber under seats. Aisle and entrance steps shall be heavy duty ribbed rubber tread. Cove molding to be installed where floor meets wall on each side. Tan rubber shall be provided.

EXCEPTION: \_\_\_\_\_

12. HEADROOM

- A. Interior must have a minimum of 77” headroom at aisle measured over 5/8” plywood and tan rubber floor covering.

EXCEPTION: \_\_\_\_\_

13. HEATERS

- A. Minimum 90,000 BTU left front heater to provide defrosting for windshield, entrance door, and driver windows. Main heater shall have a single large centrifugal furnace wheel fan and motor system that provides substantial duct pressure at extremely high delivery volume. Electric power for the blower will be controlled by a silver-contact high amperage switch with three run positions include; ‘LOW”, “HIGH” AND “MAXIMUM” output.

EXCEPTION: \_\_\_\_\_

- B. Heater inlet air shall pass through a driver controlled baffle chamber that allows selection of any mixture of fresh and reheated air desired. Before entering the heater coil, inlet air passes through an easily accessible/cleanable dust particle filter. Heater coil shall be of durable copper tube/aluminum fin configuration.

EXCEPTION: \_\_\_\_\_

- C. Heated air from the blower shall pressurize a central duct system that reaches all the way from the rear of the driver’s window to a vertical outlet directed toward the entrance door. Delivery outlets to be located all along the central duct so that maximum coverage of driver’s window and windshield is attained at all times - With this design 100% of the air from the main heater can be dedicated to defrosting, if the driver deems it necessary.

EXCEPTION: \_\_\_\_\_

- D. All heater controls/switches to be mounted on the heater to driver’s left side. The driver is to have two separate variable controls which can direct air from the central duct to the under-dash foot pedal area, and/or through outlets at the rear of the dash near the center of the bus. The center dash outlet diffusers can be turned toward the driver or passengers as needed. All heaters to include silicone hoses and constant torque hose clamps.

EXCEPTION: \_\_\_\_\_

- E. Two (2) 6” auxiliary fans with 2-speed motors shall be mounted in the windshield area located upper center and upper left of the windshield.

EXCEPTION: \_\_\_\_\_

- F. Minimum 50,000 BTU right hand heater with separate core to be located at right in stepwell area. One (1) 80,000 BTU wall mount heater, mounted on right side rear.

EXCEPTION: \_\_\_\_\_

- G. Heater cut-off valves to be located in driver's area and in the engine compartment. Ball type cutoff valves.

EXCEPTION: \_\_\_\_\_

H. **AIR CONDITIONER:**

An 80,000 BTU split air conditioning system is required. Dual evaporators, condensers and compressors. A.C.T American Cooling Technology system to be provided.

EXCEPTION: \_\_\_\_\_

14. **INSULATION:**

- A. Minimum 1 1/2" thick insulation to be installed in roof, side, front and rear of body.

EXCEPTION: \_\_\_\_\_

15. **LIGHTS:**

- A. Warning light system meeting current State and Federal specifications to be furnished. Warning lights to be hooded to enhance visibility. All exterior lights to be L.E.D.

EXCEPTION: \_\_\_\_\_

- B. Clearance, Cluster, and side marker lights shall meet current Federal and State specifications. Side marker lights to be mounted in rear section of overhang for driver to use as an indicator as to where the rear end of the bus is. 4" back-up lights.

EXCEPTION: \_\_\_\_\_

16. **SCHOOL BUS SIGNS**

- A. Hinged school bus signs, front and rear, with reflectorized signs.

EXCEPTION: \_\_\_\_\_

17. **MIRRORS:**

- A. Interior - 6" x 30" safety plate with padded edges.
- B. Exterior: Rosco Open View Split System Rearview. Rosco Eye Max crossview. All exterior mirrors to be heated. All brackets are to be stainless steel.

EXCEPTION: \_\_\_\_\_

18. MUD FLAPS

- A. Include two (2) front and two (2) rear, with fenders on rear wheelhousing.

EXCEPTION: \_\_\_\_\_

19. PAINT

- A. Exterior: National School Bus chrome yellow with black trim, silver grille.  
Interior: Astro White, baked enamel.  
Roof: Painted white

- B. Minimum 5 year warranty on exterior paint

EXCEPTION: \_\_\_\_\_

20. SAFETY EQUIPMENT

- A. 5 lb. fire extinguisher with hose, 24 unit first aid kit, Triangular warning kit, wrecking bar, and body fluid clean up kit, to be mounted so they are easily accessible to driver. Back-up alarm to sound when transmission goes into reverse.

EXCEPTION: \_\_\_\_\_

21. DRIVER SEAT

- A. Bostrum Routemaster driver seat, bolted to floor, with right and left arm rests. Seat to have a full 7" travel, minimum. To be covered by heavy duty brown fabric/vinyl upholstery.

EXCEPTION: \_\_\_\_\_

22. PASSENGER SEATS

- A. Track mounted belt ready seats, right and left. To be fastened with bolts and locknuts.  
Seat design must meet FMVSS #222. Brown upholstery.  
Heavy duty upholstery on seat backs and cushions. All seats to have seat belts.  
Capacity to 48 , 9 rows left & 7 rows right.

EXCEPTION: \_\_\_\_\_

- B. Crash barriers required at front, both sides. Modesty panels left & right sides.

EXCEPTION: \_\_\_\_\_

23. SIDE PANELS – INTERIOR

A. Aluminized side walls with mar-resistant finish.

EXCEPTION: \_\_\_\_\_

24. SOLENOID SWITCH

A. Solenoid breaker provided to disconnect all body and electrical circuits when ignition is turned off - Except hazard warning circuit.

EXCEPTION: \_\_\_\_\_

25. STEPWELL

A. Three step entrance with step riser height of approximately 10 inches, Galvanized steel. Tan Stud tread step treads with white nosing.

EXCEPTION: \_\_\_\_\_

26. SWITCH PANEL

A. Driver switch panel to be located left of driver seat at elbow level. Switches shall be rocker type.

EXCEPTION: \_\_\_\_\_

27. VISOR

A. To be shaded see through plexiglass, adjustable on driver's side of windshield.

EXCEPTION: \_\_\_\_\_

28. WINDOWS / EXITS:

A. All windows to have aluminum sash. Driver window, clear glass, to be double sliding with positive latch, front and rear. Side windows are to be removable from inside the bus. All glass side & rear, to be tinted, 30% light transmission.

EXCEPTION: \_\_\_\_\_

B. Side window latches shall be recessed design to prevent injury to passengers.

EXCEPTION: \_\_\_\_\_

C. Four (4) emergency escape windows to be located in the center section (two each side). Vertical hinge pushout windows required. Two (2) low profile roof hatches required.

EXCEPTION: \_\_\_\_\_

29. WINDSHIELD:

- A. Four piece windshield, tinted and shaded. Two (2) handles shall be provided on exterior above windshield with stirrup steps in bumper to insure ease of windshield cleaning.

EXCEPTION: \_\_\_\_\_

30. WINDSHIELD WIPERS

- A. Electric 18" wipers with parallelogram sweep to be bottom mounted. Black non-glare hardware. Minimum one gallon plastic windshield washer reservoir to be provided. Wiper arms to be wet type.

EXCEPTION: \_\_\_\_\_

31. WIRING

- A. All body wiring to be color and number coded and protected with automatic resetting circuit breakers.

EXCEPTION: \_\_\_\_\_

32. STOP ARM AND CROSSING ARM:

- A. STOP ARM to be air operated and activated with entrance door. Must be equipped with windguard and reflectorized. LED cluster lights above & below "STOP".

EXCEPTION: \_\_\_\_\_

- B. CROSSING ARM to be Specialty air operated with a yellow poly rod with holding latch.

EXCEPTION: \_\_\_\_\_

33. RADIO

- A. AM/FM/PA/USB/MP3 radio system with eight (8) ceiling deluxe speakers.

EXCEPTION: \_\_\_\_\_

34. LETTERING:

- A. "WILSON SCHOOL DISTRICT" to be lettered on both sides with block lettering. Numbers will be determined after awarding of the bid. All buses shall be

equipped with vinyl reflective tape (3M), 2” strip full length both sides. 13/4” full rear outline. Front and rear “School Bus” signs.

EXCEPTION: \_\_\_\_\_

35. SPECIAL EQUIPMENT:

- A. Wheel chair lift and Tie downs: A Braun wheel chair lift is required. 1,000 Lb. capacity. Three (3) QRT Deluxe tie downs are required.

EXCEPTION: \_\_\_\_\_

36. VEHICLE DELIVERY

- A. Vehicle delivery within 45 days of award of contract.

EXCEPTION: \_\_\_\_\_

## 72 PASSENGER CONVENTIONAL TYPE C SCHOOL BUS SPECIFICATIONS

The specifications that follow are minimum basic requirements. Any deviations must be properly identified and fully described in the spaces marked "Exception" below. Only the school board and their advisors will determine if a product substitution is equal to, or exceeds, bid specifications. For this reason, bidders are discouraged from describing any deviation simply as "equal" or "exceeds" the described requirements. Bidders instead are strongly encouraged to fully explain such deviations. Failure to do so will result in rejection of the bid and/or product for noncompliance.

All items necessary for Pennsylvania Department of Transportation and federal safety standards for Pennsylvania State Inspection to be included in bid price. In addition, vehicles are to include current Pennsylvania State Inspection. All inspection stickers and necessary papers for title/lease and registration to be included at time of delivery.

Additionally, all specifications to be subject to and meet the applicable requirements stated and provided in Title 67 of the Pa. Code.

Bids shall include detailed specification sheets, including guarantees, for vehicles being bid.

### Chassis Specifications

*(Please indicate exceptions to bid specifications where applicable)*

1. Vehicles to be new 2019

YEAR OF VEHICLE: \_\_\_\_\_

2. Vehicle to be Blue Bird, IC or Thomas

EXCEPTION: \_\_\_\_\_

3. Vehicle capacity to be 72 passengers

EXCEPTION: \_\_\_\_\_

4. FRAME RAILS

A. To be mild carbon steel (50,000 psi steel)

EXCEPTION: \_\_\_\_\_

B. Tow hooks, frame mounted front and rear.

EXCEPTION: \_\_\_\_\_

5. BUMPER

A. Front steel, full width aerodynamic heavy duty (0.25" material thickness)

EXCEPTION: \_\_\_\_\_

6. AXLE

A. FRONT: 12,000 LB. capacity, minimum. Synthetic oil lubrication.

EXCEPTION: \_\_\_\_\_

B. REAR: 21,000 LB. capacity, minimum. Synthetic oil lubrication.

EXCEPTION: \_\_\_\_\_

7. SUSPENSION

A. Front: Heavy duty 10,000 lb. air ride suspension

EXCEPTION: \_\_\_\_\_

B. Rear: Heavy duty 21,000 lb minimum air ride suspension

EXCEPTION: \_\_\_\_\_

8. TIRES/WHEELS

A. Front: Two (2) Michelin XZE2 11R/22.5 (16 ply) tubeless steel belted Radials

EXCEPTION: \_\_\_\_\_

B. Rear: Four (4) Michelin XDN2 11R/22.5 (16 Ply - Mud & Snow) tubeless steel Radials

EXCEPTION: \_\_\_\_\_

C. Hub pilot, 8.25" x 22.5", Minimum

EXCEPTION: \_\_\_\_\_

D. Flow through tire valve cap shall be supplied

EXCEPTION: \_\_\_\_\_

9. SHOCK ABSORBERS

A. Heavy duty shocks shall be supplied front and rear. They are to be double acting and compatible with the manufacturer's rated axle capacities.

EXCEPTION: \_\_\_\_\_

10. BRAKES

- A. ABS braking system to be supplied to satisfy Federal Regulations. Complete air braking system to be supplied.

EXCEPTION: \_\_\_\_\_

- B. MGM air parking brake system

EXCEPTION: \_\_\_\_\_

- C. Compressor 18.7 cubic inch, minimum

EXCEPTION: \_\_\_\_\_

- D. Meritor automatic slack adjusters. Dust shields front & rear.

EXCEPTION: \_\_\_\_\_

- E. Illuminated pressure gauges on instrument panel with warning buzzer

EXCEPTION: \_\_\_\_\_

- F. Bendix (AD-9) heated Air Dryer

EXCEPTION: \_\_\_\_\_

- G. Front brake size to be 16.5" x 5", Minimum

EXCEPTION: \_\_\_\_\_

- H. Rear brake size to be 16.5" x 7", Minimum

EXCEPTION: \_\_\_\_\_

- I. Brake thickness shall not be less than 0.375" front, 0.75" rear

EXCEPTION: \_\_\_\_\_

- J. A VGT exhaust brake and dash mounted switch shall be installed with easy access.

EXCEPTION: \_\_\_\_\_

11. STEERING

- A. Steering wheel 18". Tilting & Telescoping column to be included. Power steering.

EXCEPTION: \_\_\_\_\_

12. FUEL TANK

- A. 100 gallon fuel tank minimum, mounted in rear overhang.

EXCEPTION: \_\_\_\_\_

- B. Fuel tank door to be located over fuel opening, locking. Fuel sender inspection plate shall be located over fuel tank in body floor.

EXCEPTION: \_\_\_\_\_

13. HORNS

- A. Dual electric horns

EXCEPTION: \_\_\_\_\_

14. ELECTRICAL SYSTEM

- A. 12 volt system required

EXCEPTION: \_\_\_\_\_

15. FRONT END

- A. Tilting metton composite hood. Tilt assist with prop shall be included.

EXCEPTION: \_\_\_\_\_

- B. Tow hooks, frame mounted

EXCEPTION: \_\_\_\_\_

16. ENGINE

- A. Diesel powered electronically controlled engine, 220 HP minimum, In-Line 6 Cylinder. 24 month free towing to nearest repair facility. 5 year/100,000 mile warranty on engine and electronics.

EXCEPTION: \_\_\_\_\_

- B. Full flow oil filter. Air cleaner with heavy duty dry paper element.

EXCEPTION: \_\_\_\_\_

- C. To be equipped with a Racor heated fuel/water separator. Mounted on fire-wall.

EXCEPTION: \_\_\_\_\_

D. Engine block heater to be 750 watt with receptacle mounted in front bumper

EXCEPTION: \_\_\_\_\_

17. COOLING SYSTEMS

A. Heavy duty with long-life coolant protected to -65F and 180F Minimum

EXCEPTION: \_\_\_\_\_

B. All radiator hoses to be silicone with constant torque hose clamps.

EXCEPTION: \_\_\_\_\_

18. ALTERNATOR

A. 240 AMP Minimum

EXCEPTION: \_\_\_\_\_

19. BATTERY

A. Three (3) 12 volt 2100 CCA total Batteries (skirt mounted left side body).

EXCEPTION: \_\_\_\_\_

20. WIRING

A. Heavy duty throughout and protected by Circuit Breakers.

EXCEPTION: \_\_\_\_\_

B. Shall be encased or concealed within the body interior. Shall be color coded.

EXCEPTION: \_\_\_\_\_

21. INSTRUMENTS

A. Shall include: Speedometer, Odometer, Ammeter, Voltmeter, Tachometer, Engine Hour Meter, Fuel gauge, Oil pressure gauge, Water temp gauge, Trans temp gauge, Air pressure (dual gauges), Low oil pressure-High water temperature warning system. All instruments shall be illuminated and installed directly in front of the driver.

EXCEPTION: \_\_\_\_\_

22. CONTROLS

- A. Electronic throttle, Key starter with Electric key shut down. High Beam indicator, Head light switch. Self-canceling turn signals.

EXCEPTION: \_\_\_\_\_

23. TRANSMISSION

- A. ALLISON 2500 PTS 5-speed automatic transmission, with Trans Synd Fluid. Five year unlimited mile extended warranty to be included. 112 db backing horn required.

EXCEPTION: \_\_\_\_\_

- B. Driveline shall be Spicer SPL-70 or approved equal that coincides with engine and transmission.

EXCEPTION: \_\_\_\_\_

24. HEADLIGHTS

- A. Halogen only.

EXCEPTION: \_\_\_\_\_

25. GLOVE BOX

- A. Lockable and on the right of the dash.

EXCEPTION: \_\_\_\_\_

**Body Specifications**

*(Please indicate exceptions to bid specifications where applicable)*

1. BUS LENGTH

- A. To be approximately 39 feet

EXCEPTION: \_\_\_\_\_

2. BUS BODY

- A. To be 33' 03" minimum for purposes of maximum knee room. 96" wide

EXCEPTION: \_\_\_\_\_

3. BODY CONSTRUCTION

- A. Minimum 14 gauge hat shaped roof bows - One piece from floor line on left side overhead to floor line right side shall be supplied. Bows shall not be spliced. **Bus body must meet the Colorado Racking and Kentucky Pole Tests.**

EXCEPTION: \_\_\_\_\_

- B. Minimum of four protective 16 gauge steel rub rails to be applied; rails to be riveted to structural bows and side panels with rivets and torque screws; rub rails are installed as follows: one below side windows, one at seat level, one near the floor level, one at the bottom of the skirt. The window rail shall extend around the rear corners of the back of the bus to emergency door for added protection.

EXCEPTION: \_\_\_\_\_

- C. Outside side panels to be constructed of 16 gauge steel; side panels extended from below the side windows to a distance of 16 1/4" below the floor (16 1/4" skirt); rear corner panels to be constructed of 20 gauge steel and include a license emboss both right and left; front roof cap to be formed from 18 gauge steel; rear roof cap to be formed from 20 gauge steel; roof sheets to be constructed of 20 gauge steel and span the entire width of the bus (window header to window header roof sheets to include an embossed rain visor over side windows; front cowl panels to be constructed to 18 gauge steel; floor panels to be constructed of 14 gauge steel and reinforced with full width "U" channel cross members; all riveted floor joints to be reinforced with full width 3/16" x 1 1/2" x 2" structural steel angles.

EXCEPTION: \_\_\_\_\_

- D. A removable 18-gauge steel front upper inner panel to be provided to allow access to the front roof cap area. A removable 20-gauge steel rear upper inner panel is to be provided to allow access to the rear roof cap area. Removable 22-gauge wire molding, right and left, to be provided to allow access to wiring harnesses; 22-gauge texturized aluminized steel inside panels to be provided extending from window sill down to the floor gusset seat ledge for the entire length of the body on both the right and left sides. Headlining panels to span the entire side of the bus (window header to window header), to be constructed of 22-gauge steel and double-hemmed to provide additional join strength.

EXCEPTION: \_\_\_\_\_

- E. Mill applied electrodeposited prime coated steel to be used. Each part must be re-treated with zinc primer coating after fabrication and before assembly.

EXCEPTION: \_\_\_\_\_

- F. Minimum 14 gauge hat shaped roof bows one-piece from floor line on left side overhead to floor line on right.

EXCEPTION: \_\_\_\_\_

- G. Body shall be fully undercoated with two applications under floor, skirt panels and wheel wells prior to mounting on chassis.

EXCEPTION: \_\_\_\_\_

4. FLOOR CONSTRUCTION

- A. Main body floor joints to have a minimum 60% joint strength; bows are not to extend below floor line.

EXCEPTION: \_\_\_\_\_

5. DEFROSTER

- A. Compliment of defroster warm air outlets/snorkels sufficient to keep windshield, driver's window, and entrance door glass free of fog, snow and ice. Full width defroster is to be furnished.

EXCEPTION: \_\_\_\_\_

6. DOOR – ENTRANCE

- A. Shall be air operated, outward opening design to prohibit protrusion beyond body width when door is open. Stainless steel grab rail shall be provided at entry way. Header pad to be supplied over entrance door. Front and Rear vandal locks to be included.

EXCEPTION: \_\_\_\_\_

7. DOOR - REAR EMERGENCY

- A. Minimum of 37.5" door width. Glass to be dark tinted. A screen shall cover the bottom window. L.E.D. red egress light above door. Vandal lock required.

EXCEPTION: \_\_\_\_\_

8. EMERGENCY ESCAPE HATCH

- A. Two (2) Low profile roof hatches

EXCEPTION: \_\_\_\_\_

9. NOISE REDUCTION PACKAGE

- A. Shall include full acoustic headliner. To be made of perforated steel.

EXCEPTION: \_\_\_\_\_

10. FLOOR COVERING

- A. 5/8" Marine grade plywood, screwed down over 14-gauge galvanized steel.

EXCEPTION: \_\_\_\_\_

- B. Heavy duty tan rubber under seats. Molded rubber covers required on rear interior wheel housings. Aisle shall be heavy duty tan ribbed rubber. Steel cove molding to be installed where floor meets wall on each side. Tan rubber shall be provided.

EXCEPTION: \_\_\_\_\_

11. HEADROOM

- A. Interior must have a minimum of 77" headroom at aisle measured over 5/8" plywood and rubber floor covering.

EXCEPTION: \_\_\_\_\_

12. HEATERS

- A. Minimum 90,000 BTU left front heater to provide defrosting for windshield, entrance door, and driver windows. Main heater shall have a single large centrifugal furnace wheel fan and motor system that provides substantial duct pressure at extremely high delivery volume. Electric power for the blower will be controlled by a silver-contact high amperage switch with three run positions include; 'LOW', "HIGH" AND "MAXIMUM" output.

EXCEPTION: \_\_\_\_\_

- B. Heater inlet air shall pass through a driver controlled baffle chamber that allows selection of any mixture of fresh and reheated air desired. Before entering the heater coil, inlet air passes through an easily accessible/cleanable dust particle filter. Heater coil shall be of durable copper tube/aluminum fin configuration.

EXCEPTION: \_\_\_\_\_

- C. Heated air from the blower shall pressurize a central duct system that reaches all the way from the rear of the driver's window to a vertical outlet directed toward the entrance door. Delivery outlets to be located all along the central duct so that maximum coverage of driver's window and windshield is attained at all times.

EXCEPTION: \_\_\_\_\_

- D. All heater controls/switches to be mounted on the heater to driver's left side. The driver is to have two separate variable controls which can direct air from the central duct to the under-dash foot pedal area, and/or through outlets at the rear of the dash near the center of the bus. The center dash outlet diffusers can be turned toward the driver or passengers as needed. All heaters to include silicone hoses and constant torque hose clamps.

EXCEPTION: \_\_\_\_\_

- E. Two (2) 6" auxiliary fans with 2-speed motors shall be mounted in the windshield area located upper center and upper left of the windshield.

EXCEPTION: \_\_\_\_\_

- F. Minimum 50,000 BTU right hand heater with separate core to be located at right in stepwell area. Minimum one (1) 80,000 BTU under seat heater with horizontal core to be located rear of rear wheelhouse, left side.

EXCEPTION: \_\_\_\_\_

- G. Heater cut-off valves to be located in driver's area and in the engine compartment. Ball type cutoff valves.

EXCEPTION: \_\_\_\_\_

13. INSULATION

- A. Minimum 1 1/2" thick insulation to be installed in roof, side, front and rear of body. Firewall insulation required to reduce engine noise. 1/16" sound deadening spray between roof panels to reduce noise.

EXCEPTION: \_\_\_\_\_

14. LIGHTS

- A. The warning light system shall be **L.E.D. and with a strobing feature**. Warning lights to be hooded to enhance visibility.

EXCEPTION: \_\_\_\_\_

- B. L.E.D. Clearance, Cluster, and intermediate side marker lights. L.E.D. floor level side marker lights, front & rear. LED Side directional lights, front & rear. LED 7" back-up lights. Dual row of dome lights with switch for front & rear. A separate driver dome with switch required. Dome lights to be 15 candlepower. A 16 Joule white strobe light, 4' from rear of bus with driver switch.

EXCEPTION: \_\_\_\_\_

15. SCHOOL BUS SIGNS

- A. Hinged school bus signs, front and rear, with reflectorized background in 3M diamond grade material.

EXCEPTION: \_\_\_\_\_

16. MIRRORS

- A. Interior - 6" x 30" safety plate with padded edges

EXCEPTION: \_\_\_\_\_

- B. Exterior: Rosco Open View Split System Rearview. Rosco Eye Max cross view. All exterior mirrors to be heated. Stainless steel mirror brackets "bell mount" cross view mirror brackets.

EXCEPTION: \_\_\_\_\_

C. Visor: To be shaded see through Plexiglas, adjustable on driver's side of windshield.

EXCEPTION: \_\_\_\_\_

17. MUD FLAPS

A. Included two (2) front and two (2) rear, with fenders on rear wheel housing.

EXCEPTION: \_\_\_\_\_

18. PAINT

A. Exterior: National School Bus yellow with black trim & silver grill. Roof shall be painted white.

EXCEPTION: \_\_\_\_\_

B. Interior: Astro White, baked enamel.

EXCEPTION: \_\_\_\_\_

C. Minimum 5 year warranty on exterior paint. 2 Year fade warranty.

EXCEPTION: \_\_\_\_\_

19. SAFETY EQUIPMENT

A. 5 lb. fire extinguisher with hose, 24 unit first aid kit, Triangular warning kit, wrecking bar, and body fluid clean up kit, to be mounted so they are easily accessible to driver in emergency equipment compartment. Compartment over the driver in the front header panel.

EXCEPTION: \_\_\_\_\_

B. Child check system with de-activation button in the rear of the bus.

EXCEPTION: \_\_\_\_\_

C. ICC package: Red light above emergency door, White aisle strip & "No Standees"

20. DRIVER SEAT

A. Bostrum Routemaster driver seat, bolted to floor, with right arm rest and left console armrest.

EXCEPTION: \_\_\_\_\_

- B. Seat to have a full 7” travel, minimum. To be covered with brown fabric/vinyl upholstery.

EXCEPTION: \_\_\_\_\_

21. PASSENGER SEATS

- A. Wall and floor mounted seats, right and left. To be fastened with bolts and locknuts. Brown upholstery on seat backs and cushions. Non-seat belt ready seats acceptable. All seats are numbered above the windows. Odd on drivers side, even on the right side.

EXCEPTION: \_\_\_\_\_

- B. Crash barriers required at front, both sides. Modesty panel under right side barrier.

EXCEPTION: \_\_\_\_\_

- C. Drivers document pouch behind the driver on the barrier to conform to the barrier.

EXCEPTION: \_\_\_\_\_

22. SIDE PANELS – INTERIOR

- A. Aluminized side walls with mar-resistant finish.

EXCEPTION: \_\_\_\_\_

23. SOLENOID SWITCH

- A. Solenoid breaker provided to disconnect all body and electrical circuits when ignition is turned off - Except hazard warning circuit.

EXCEPTION: \_\_\_\_\_

24. STEPWELL

- A. Three step entrance with step riser height of approximately 10 inches, Galvanized steel. Tan Stud tread step treads with white nosing.

EXCEPTION: \_\_\_\_\_

25. SWITCH PANEL

- A. Driver switch panel to be located left of driver seat at elbow level. Switches shall be rocker type. Include manual kill and emergency override switch.

EXCEPTION: \_\_\_\_\_

26. WINDOWS

- A. All windows to have a **black** frame split sash design. Driver window, clear glass, to be double sliding with positive latch, front and rear. Side windows are to be removable from inside the bus. All glass side & rear, to be dark tinted. Window latches shall be recessed design. All windows shall be numbered above the windows. Odd left, right even.

EXCEPTION: \_\_\_\_\_

- B. Two (2) emergency escape windows to be located in the center section (one each side). Vertical hinge pushout windows required.

EXCEPTION: \_\_\_\_\_

27. WINDSHIELD

- A. Two piece curved windshield, tinted and shaded. To wrap around side of bus approximately 5 inches for best driver visibility. Two (2) handles shall be provided on exterior above windshield with stirrup steps in bumper to insure ease of windshield cleaning.

EXCEPTION: \_\_\_\_\_

28. WINDSHIELD WIPERS

- A. Electric 18” wipers with parallelogram sweep to be bottom mounted. Black non-glare hardware. Minimum one gallon plastic windshield washer reservoir to be provided. Wiper arms to be wet type and all weather.

EXCEPTION: \_\_\_\_\_

29. WIRING

- A. All body wiring to be color and number coded and protected with automatic re-setting circuit breakers. The district requires the following extra wires and circuits: Two (2) 14 gauge spare wires to be supplied (1) 14 gauge black and (1) 14 gauge white wire from the electrical panel area of the body to the right rear of the bus. Provide (4) ignition controlled auxiliary circuits in a separate fuse block. Fuse block will be located within the panel assembly under the drivers window with outside access. The circuits will each be 14 gauge black wire.

EXCEPTION: \_\_\_\_\_

30. STOP ARM AND CROSSING ARM

- A. STOP ARM to be air operated and activated with entrance door. Must be equipped with wind guard and reflectorized. LED lights w/ strobe function above & below “STOP”.

EXCEPTION: \_\_\_\_\_

31. CROSSING ARM

A. To be Specialty air operated with a yellow poly rod with holding latch.

EXCEPTION: \_\_\_\_\_

32. RADIO

A. AM/FM/PA/CD radio system with eight (8) ceiling deluxe speakers.

EXCEPTION: \_\_\_\_\_

33. LETTERING

A. "WILSON SCHOOL DISTRICT" to be lettered on both sides with block lettering. Numbers will be determined after awarding of the bid.

EXCEPTION: \_\_\_\_\_

34. All buses shall be equipped with vinyl reflective tape (3M), 2" strip full length both sides. 1 3/4" full rear outline. Front and rear "School Bus" signs.

EXCEPTION: \_\_\_\_\_

35. Must provide daily parts delivery free of charge if notified by 3:00 each day.

EXCEPTION: \_\_\_\_\_

36. VEHICLE DELIVERY

A. Vehicles to be delivered within 45 days of award of contract.

EXCEPTION: \_\_\_\_\_

# 9-PASSENGER GASOLINE VAN

## SPECIFICATIONS FOR 9-PASSENGER GASOLINE VAN

These specifications must be filled out and returned with bid to be considered. Marking **YES** means you meet specifications exactly. Marking **NO** means you must explain difference. Failure to do so will result in bid being disqualified. Any marking on bid document other than in the **YES, NO** or **Explanation of difference** will result in the bid being disqualified.

All items necessary for Pennsylvania Department of Transportation and federal safety standards for Pennsylvania State Inspection to be included in bid price. In addition, vehicles are to include current Pennsylvania State Inspection. All inspection stickers and necessary papers for title/lease and registration to be included at time of delivery.

Additionally, all specifications to be subject to and meet the applicable requirements stated and provided in Title 67 of the Pa. Code.

Bids shall include detailed specification sheets, including guarantees, for vehicles being bid.

### BODY & CHASSIS SPECIFICATIONS WITH AAD DOOR CONTROL

	<u>YES</u>	<u>NO</u>	
School Vehicle – Nine Passenger	<input type="checkbox"/>	<input type="checkbox"/>	_____
2019 Ford Transit Wagon T350 or Newer	<input type="checkbox"/>	<input type="checkbox"/>	_____
9,000 lb. GVWR Minimum	<input type="checkbox"/>	<input type="checkbox"/>	_____
Transmission 6-speed Automatic W/OD and Select Shift	<input type="checkbox"/>	<input type="checkbox"/>	_____
Engine 3.7L, Ti-VCT V6 Includes SEIC Capability	<input type="checkbox"/>	<input type="checkbox"/>	_____
Fuel Tank 25 Gallons	<input type="checkbox"/>	<input type="checkbox"/>	_____
Hydraulic Power-Assist Steering	<input type="checkbox"/>	<input type="checkbox"/>	_____
148” Med Roof XL Sliding RH Door	<input type="checkbox"/>	<input type="checkbox"/>	_____
Strut Front Suspension w/Coil Springs	<input type="checkbox"/>	<input type="checkbox"/>	_____
Leaf Rear Suspension w/Leaf Springs	<input type="checkbox"/>	<input type="checkbox"/>	_____

Four Wheel Disc Brakes, ABS	<input type="checkbox"/>	<input type="checkbox"/>	_____
Rear Wheel Drive	<input type="checkbox"/>	<input type="checkbox"/>	_____
70AMP Battery	<input type="checkbox"/>	<input type="checkbox"/>	_____
150AMP Alternator	<input type="checkbox"/>	<input type="checkbox"/>	_____
Body Paint White or Yellow	<input type="checkbox"/>	<input type="checkbox"/>	_____
AM/FM Stereo w/Seek Scan, Digital Clock & Audio Input Jack	<input type="checkbox"/>	<input type="checkbox"/>	_____
1 LCD Monitor In The Front	<input type="checkbox"/>	<input type="checkbox"/>	_____
Tires Front & Rear 235/65R16C With Spare Tire Included	<input type="checkbox"/>	<input type="checkbox"/>	_____
Light Tinted Glass	<input type="checkbox"/>	<input type="checkbox"/>	_____
Wipers Variable Intermittent	<input type="checkbox"/>	<input type="checkbox"/>	_____
Black Bumpers Front/Rear, Bodyside, Grille, Trim, and Door Handles	<input type="checkbox"/>	<input type="checkbox"/>	_____
Rear Vision Camera	<input type="checkbox"/>	<input type="checkbox"/>	_____
Mirrors Outside Power Heated Black	<input type="checkbox"/>	<input type="checkbox"/>	_____
Doors Sliding Rear Passenger Door	<input type="checkbox"/>	<input type="checkbox"/>	_____
Split Swing-Out Rear Cargo Doors	<input type="checkbox"/>	<input type="checkbox"/>	_____
Seat Vinyl Dual Bucket	<input type="checkbox"/>	<input type="checkbox"/>	_____
Front and Rear Air Conditioning	<input type="checkbox"/>	<input type="checkbox"/>	_____
Front and Rear Heat	<input type="checkbox"/>	<input type="checkbox"/>	_____
Gauges: Speedometer, Odometer With Trip Odometer, Fuel Level, Voltmeter, Engine Temperature, Oil Pressure And Outside Temperature Gauge In Dash	<input type="checkbox"/>	<input type="checkbox"/>	_____
Cup Holders Front and Rear	<input type="checkbox"/>	<input type="checkbox"/>	_____

Mirror Inside Rearview Day/Night	<input type="checkbox"/>	<input type="checkbox"/>	_____
Headliner Cloth	<input type="checkbox"/>	<input type="checkbox"/>	_____
Visors Driver & Passenger Side	<input type="checkbox"/>	<input type="checkbox"/>	_____
Daytime Running Lights	<input type="checkbox"/>	<input type="checkbox"/>	_____
Air Bags Front and Side	<input type="checkbox"/>	<input type="checkbox"/>	_____
(3) SafeGuard 36" Seats With Integrated Child Restraint Seats Installed On The Driver Side Of The Van Or Equal	<input type="checkbox"/>	<input type="checkbox"/>	_____
(3) SafeGuard 18" Seats With Integrated Child Restraint Seats Installed On The Passenger Side Of The Van Or Equal	<input type="checkbox"/>	<input type="checkbox"/>	_____
Minimum 13" Rump Room And 24" Knee Room To Be Provided	<input type="checkbox"/>	<input type="checkbox"/>	_____
Power AAD Front Door Operation	<input type="checkbox"/>	<input type="checkbox"/>	_____
All lighting to be LED	<input type="checkbox"/>	<input type="checkbox"/>	_____
PA Approved First Aid Kit	<input type="checkbox"/>	<input type="checkbox"/>	_____
PA Approved Body Fluid Kit	<input type="checkbox"/>	<input type="checkbox"/>	_____
Fire Extinguisher – Amerex 5lb. ABC Automotive Bracket, Model # B500T	<input type="checkbox"/>	<input type="checkbox"/>	_____
(3) Triangle Reflectors	<input type="checkbox"/>	<input type="checkbox"/>	_____
Wrecking Bar	<input type="checkbox"/>	<input type="checkbox"/>	_____

Lettering: **“SCHOOL STUDENTS”** in black letters 6-1/2 inches high on both front and rear of the body. **“WILSON SCHOOL DISTRICT”** in black letters 3-1/2 inches high on each side of the van. **Vehicle identification number** in black numbers 5 inches high – to be determined later – on both front and rear of body and both sides. **Lettering shall conform to “Series B” of Standard Alphabets for Highway Signs.**

**ALTERNATE SPECIFICATIONS FOR 9-PASSENGER GASOLINE VAN**

These alternate specifications must be filled out and returned with bid to be considered. Marking YES means you meet specifications exactly. Marking NO means you must explain difference. Failure to do so will result in bid being disqualified. Any marking on bid document other than in the YES, NO or Explanation of difference will result in the bid being disqualified.

All items necessary for Pennsylvania Department of Transportation and federal safety standards for Pennsylvania State Inspection to be included in bid price. In addition, vehicles are to include current Pennsylvania State Inspection. All inspection stickers and necessary papers for title/lease and registration to be included at time of delivery.

Additionally, all specifications to be subject to and meet the applicable requirements stated and provided in Title 67 of the Pa. Code.

Bids shall include detailed specification sheets, including guarantees, for vehicles being bid.

**BODY & CHASSIS SPECIFICATIONS WITH DOOR CONTROL AND RUNNING BOARD AT ENTRANCE DOOR**

	<u>YES</u>	<u>NO</u>	
School Vehicle – Nine Passenger	<input type="checkbox"/>	<input type="checkbox"/>	_____
2019 GMC or Chevrolet TG23405 or CG23405	<input type="checkbox"/>	<input type="checkbox"/>	_____
8,600 lb. GVWR Minimum	<input type="checkbox"/>	<input type="checkbox"/>	_____
Suspension Front Independent Coil Springs & Stabilizer Bar	<input type="checkbox"/>	<input type="checkbox"/>	_____
Suspension Rear Hypoid Drive Axle With Multi Leaf Springs	<input type="checkbox"/>	<input type="checkbox"/>	_____
Fuel Tank 31 Gallons	<input type="checkbox"/>	<input type="checkbox"/>	_____
Power Steering	<input type="checkbox"/>	<input type="checkbox"/>	_____
Exhaust Aluminized Stainless Steel Muffler and Tailpipe	<input type="checkbox"/>	<input type="checkbox"/>	_____
135” WB	<input type="checkbox"/>	<input type="checkbox"/>	_____
6.0 Liter V8 Gas 324HP Engine Minimum	<input type="checkbox"/>	<input type="checkbox"/>	_____

Four Wheel Antilock Brakes Disc	<input type="checkbox"/>	<input type="checkbox"/>	_____
Rear Wheel Drive	<input type="checkbox"/>	<input type="checkbox"/>	_____
Stabilitrak Traction Assistance and Vehicle Stability Enhancement System	<input type="checkbox"/>	<input type="checkbox"/>	_____
Full Body Window Package With Fixed Glass With Light Tinted Glass	<input type="checkbox"/>	<input type="checkbox"/>	_____
145 AMP Alternator	<input type="checkbox"/>	<input type="checkbox"/>	_____
HD Battery 770 CCA	<input type="checkbox"/>	<input type="checkbox"/>	_____
6 Speed Automatic Transmission	<input type="checkbox"/>	<input type="checkbox"/>	_____
Transmission Oil Cooler External	<input type="checkbox"/>	<input type="checkbox"/>	_____
Rear Axle Ratio 3.42	<input type="checkbox"/>	<input type="checkbox"/>	_____
Body Paint National School Bus Yellow	<input type="checkbox"/>	<input type="checkbox"/>	_____
AM/FM Stereo With Seek Scan and Digital Clock & MP3 Player	<input type="checkbox"/>	<input type="checkbox"/>	_____
Locking Differential	<input type="checkbox"/>	<input type="checkbox"/>	_____
Tires Front & Rear LT245/75R16E all Season Radial With Spare Tire Included	<input type="checkbox"/>	<input type="checkbox"/>	_____
Tire Pressure Monitoring System	<input type="checkbox"/>	<input type="checkbox"/>	_____
Wipers Front Intermittent With Wet Arm Washers	<input type="checkbox"/>	<input type="checkbox"/>	_____
Bumpers Front And Rear Chrome Grille Chrome	<input type="checkbox"/>	<input type="checkbox"/>	_____
Cruise Control, Rear Vision Camera	<input type="checkbox"/>	<input type="checkbox"/>	_____
Mirrors Outside Power Heated Black	<input type="checkbox"/>	<input type="checkbox"/>	_____
Doors Swing Outside 60/40 Split	<input type="checkbox"/>	<input type="checkbox"/>	_____
Double Open Rear Doors	<input type="checkbox"/>	<input type="checkbox"/>	_____

Seat Front Bucket With Vinyl Trim Gray For Driver	<input type="checkbox"/>	<input type="checkbox"/>	_____
Front and Rear Air Conditioning	<input type="checkbox"/>	<input type="checkbox"/>	_____
Console Engine Cover With Open Storage Bin	<input type="checkbox"/>	<input type="checkbox"/>	_____
Instrumentation, Analog With Speedometer, Odometer With Trip Odometer, Fuel Level, Voltmeter, Engine Temperature, Oil Pressure And Outside Temperature Gauge In Dash	<input type="checkbox"/>	<input type="checkbox"/>	_____
3 Cup Holders On Engine Console Cover	<input type="checkbox"/>	<input type="checkbox"/>	_____
Mirror Inside Rearview Manual Day/Night	<input type="checkbox"/>	<input type="checkbox"/>	_____
Headliner Cloth	<input type="checkbox"/>	<input type="checkbox"/>	_____
Visors Driver & Passenger Side	<input type="checkbox"/>	<input type="checkbox"/>	_____
Daytime Running Lights	<input type="checkbox"/>	<input type="checkbox"/>	_____
Air Bag Frontal Driver Side	<input type="checkbox"/>	<input type="checkbox"/>	_____
Conversion To Include 11 Gauge Steel Floor Glued With 3M Urethane Seam Sealer To The OEM Chassis Floor For Extra Strength	<input type="checkbox"/>	<input type="checkbox"/>	_____
Plywood Subfloor Glued On Top Of Modifier Supplied Metal Sub-floor	<input type="checkbox"/>	<input type="checkbox"/>	_____
Rubber Transit Grade Subfloor Glued To Plywood Subfloor	<input type="checkbox"/>	<input type="checkbox"/>	_____
(3) SafeGuard 36" Seats With Integrated Child Restraint Seats Installed On The Driver Side Of The Van Or Equal	<input type="checkbox"/>	<input type="checkbox"/>	_____
(3) SafeGuard 18" Seats With Integrated Child Restraint Seats Installed On The Passenger Side Of The Van Or Equal	<input type="checkbox"/>	<input type="checkbox"/>	_____

Minimum 13” Rump Room And 24” Knee Room To Be Provided	<input type="checkbox"/>	<input type="checkbox"/>	_____
School Bus Style Door Control Unit To Be Provided That Operates With OEM Door Latch (no solenoid to be used, mechanical opener only)	<input type="checkbox"/>	<input type="checkbox"/>	_____
Side Cargo Doors To Be Made Inoperable	<input type="checkbox"/>	<input type="checkbox"/>	_____
Tubular Style Running Board Entrance Step With Non-skid Covering	<input type="checkbox"/>	<input type="checkbox"/>	_____
PA Approved First Aid Kit	<input type="checkbox"/>	<input type="checkbox"/>	_____
PA Approved Body Fluid Kit	<input type="checkbox"/>	<input type="checkbox"/>	_____
Fire Extinguisher – Amerex 5lb. ABC Automotive Bracket, Model # B500T	<input type="checkbox"/>	<input type="checkbox"/>	_____
(3) Triangle Reflectors	<input type="checkbox"/>	<input type="checkbox"/>	_____
Wrecking Bar	<input type="checkbox"/>	<input type="checkbox"/>	_____

Lettering: **“SCHOOL STUDENTS”** in black letters 6-1/2 inches high on both front and rear of the body. **“WILSON SCHOOL DISTRICT”** in black letters 3-1/2 inches high on each side of the van. **Vehicle identification number** in black numbers 5 inches high – to be determined later – on both front and rear of body and both sides. **Lettering shall conform to “Series B” of Standard Alphabets for Highway Signs.**