

NORTH PENN SCHOOL DISTRICT

Lansdale, PA 19446

Purchase of Transportation Vehicles

Bid Summary

The North Penn School District is hereby soliciting bids to furnish and deliver six (6) 48-Capacity, Propane-Powered Wheel Chair/ Flat Floor Design Bus and four (4) 29-Capacity, Propane-Powered Micro Bus.

All bids shall be submitted on the enclosed district forms. The bid proposal package should also include:

- The exception forms found in the bid specifications for each type of bus. All exceptions must be clearly stated.
- A Bid Bond or Certified Check for 10% of the total bid price.
- Completed and notarized Non Collusion Affidavit.
- Completed and notarized Vendor's Qualification Statement.

The North Penn School District is exempt from Pennsylvania state sales tax.

Delivery of all vehicles **must** occur by June 15, 2019.

Sealed bids will be accepted for the **Purchase of Transportation Vehicles until February 12, 2019, at 2:00 p.m.**, at the Educational Service Center, 401 E. Hancock St., Lansdale, PA. At which time the bids will be publicly opened.

All questions regarding this bid should be directed to:

Kristin Johnson
Assistant Director of Business Administration
401 E. Hancock St.
Lansdale, PA 19446
johnsok@npenn.org
215-853-1015

North Penn School District
Lansdale, Pennsylvania 19446

General Conditions for Bid

1. The North Penn School District Board of School Directors invites bidders to submit sealed bids for the furnishing and delivery of Purchase of Transportation Vehicles.
2. Bids will be accepted until **2:00 pm on Tuesday, February 12, 2019**, at which time they will be opened at a public meeting at the Educational Service Center, 401 E. Hancock St., Lansdale, PA.
3. The bid should be submitted in a sealed envelope and clearly marked on the outside, **“Purchase of Transportation Vehicles.”**
4. Bids shall be submitted on the enclosed Bid Proposal Form. Bids must be typewritten or written with ink and signed by the individual, partners, or corporate officer.
5. The successful bidder shall bid in strict accordance with the specifications as set forth. Exceptions to the specifications must be clearly stated in the bid submission.
6. A BID BOND OR CERTIFIED CHECK IN FAVOR OF THE NORTH PENN SCHOOL DISTRICT IN THE AMOUNT OF 10% OF THE TOTAL BID IS REQUIRED FROM EACH BIDDER AND MUST BE ENCLOSED WITH THE BID. THE BOND MUST BE ISSUED BY INSURANCE COMPANY.
Only the bid bonds or certified checks of the successful bidders will be held until all terms of the contract are completed. The bid bonds or certified checks of the unsuccessful bidders will be returned at the time of the awarding of the contract.
7. The District is requesting that the vendor confirm the vehicles will be delivered prior to **June 15, 2019**.
8. The North Penn School District reserves the right to reject or accept any or all bids or any portion thereof and to waive any informalities permitted by law. Bids must remain firm for a period of sixty (60) days from the date of bid opening.
9. When a catalog reference follows the description of an item, such catalog reference is intended as a means of more fully describing the item in the shortest possible space and is to be regarded only as a part of the description of the item, and is not intended to limit competition.
10. Bid items must be equal in all respects to those described in the specifications or referred to by catalog number. Should the bidder quote an alternate, complete specifications of the alternate must be provided, including a picture. It is the responsibility of the bidder to establish the equality of the material offered. Failure to supply these specifications may result in the rejection of your bid.
11. Bidder shall insert the price per stated unit and the total cost extension against each item in the schedule hereto annexed, which the bidder has proposed to furnish and deliver. The unit price inserted must be net and must include all delivery charges – No Exceptions. In the event of a discrepancy between the unit prices and the total cost extension, the unit price will govern. The total bid is to be the sum of the quantity times the unit price for each item.
12. Bids may be awarded on an item-by-item basis. Quantities included in this bid are subject to change prior to order placement. No additional charge will be allowed for cases, boxes, carboys, bottles, etc., nor for freight expenses, expressage, or cartage. No empty packages, cases, boxes, carboys, bottles, etc., will be returned to the bidder or contractor and none will be paid for by the School District. Such empty cases, boxes, etc., may be removed by the bidder or contractor at his own expense.
13. A purchase order issued by the School District covering any or all items included in this bid shall constitute a contract binding upon the bidder and the School District.
14. No charge will be allowed for federal, state, or municipal sales or excise taxes, for which the school district is exempt by law. The bid price shall be net and shall not include the amount of any such tax. Exemption certificates, if required, will be furnished on forms provided by the bidder.
15. The bidder agrees, if awarded an order, to furnish and deliver the said articles at such time, to such place, and in such quantities as specified, and that all of the articles shall be subject to the inspection and approval of the School District. Acceptance of delivery of materials or equipment to the site shall not constitute final acceptance by the School District. In the event that any articles are rejected as damaged, or not in conformance with these specifications, such articles shall be removed immediately and other articles of proper quality as set forth in these specifications shall be furnished in place thereof, all at the expense of the successful bidder.
16. In the event that the successful bidder should neglect or refuse to furnish or deliver any articles or any part thereof, or to replace any articles which are rejected as stated in the preceding paragraph, then the School District is authorized and empowered to purchase articles in conformity with this order from such party or parties, and in such manner as it shall select, at the expense of the successful bidder, or to cancel the contract reserving to itself, nevertheless, all rights for damages which may be incurred by the School District.

General Conditions for Bid

Bid Title: Purchase of Transportation Vehicles

Due Date: **Tuesday, February 12, 2019**

17. The bidder, upon request, shall submit samples for any or all items on which a price is quoted, within three (3) days after such request is made. These samples shall be plainly marked with the name of the product, the name of the bidder, and the item number as shown on the proposal form. Samples may be returned at the expense of the bidder. Also upon request, the bidder must supply, within three (3) days, a list of schools and/or businesses using the item indicated in their bid.
18. On bids for Services involving the furnishing of labor and/or materials, the successful bidder shall be required to furnish performance and payment bonds in the amount of 100% of the bid.
19. On bids for Services involving the furnishing of labor, materials, and/or equipment, while said Services are being performed the successful bidder must maintain in full effect the following minimum insurance coverage:
 - 19.1 Workers' Compensation.
 - 19.2 Comprehensive public liability in the sum of \$100,000 for each person and \$300,000 for each accident, including contract liability. Such shall be endorsed with a save harmless clause in favor of the North Penn School District, its officers, members, and employees.
 - 19.3 Property damage in the amount of \$50,000.
 - 19.4 Automobile and truck insurance in an amount not less than \$300,000 on account of any one accident, and property damage in amount not less than \$50,000.
 - 19.5 If special hazards, such as might result from blasting, represent a possibility, these shall be covered by a rider to the policy or policies in an amount of not less than \$50,000.

Prior to the beginning of the Service, etc., to be performed, a certificate of insurance shall be furnished to the School District showing the insurance coverage required above. The Contractor shall assume full responsibility for loss of life and property, injuries to persons, including all employees of the Contractor or Subcontractors.

20. Items shipped **DIRECT FROM THE FACTORY** must show North Penn School District purchase order numbers on the cartons.
21. Invoicing: Invoices must be submitted for each individual school, completely itemized, and covering each shipment. They should show North Penn School District item numbers, the same as packing slips. No photocopy of a Bid or Purchase Order will be accepted in lieu of an itemized invoice.
22. ASBESTOS: In the event a contractor by virtue of his work for the District discovers asbestos, the contractor must immediately notify the District and perform no further work in connection with the asbestos. If directed by the District to remove the asbestos, the contractor must take all steps required by all federal, state, and local agencies regarding asbestos removal. The asbestos removal operations may be the subject of a change order or a supplemental contract to this contract, or a separate contract to another contractor as the District may determine. If a contractor fails to meet the requirements of the federal, state, and local regulations and these specifications related to the discovery, removal, and clean-up, the contractor shall be subject to immediate termination and the contractor shall be responsible for all costs and expenses related to the removal and cleanup of the asbestos including architect and engineering fees.
23. DISCRIMINATION PROHIBITED: According to Section 755, Public School Code of Pennsylvania, 1949 as amended, the contractor agrees:
 - 23.1 That in the hiring of employees for the performance of work under this contract, or any sub-contract hereunder, no contractor, subcontractor, nor any person acting on behalf of such contractor or sub-contractor, shall, by reason of race, creed or color, discriminate against any citizen who is qualified and available to perform the work to which the employment relates;
 - 23.2 That no contractor, sub-contractor, nor any person on his behalf, shall in any manner discriminate against or intimidate any employee hired for the performance of work under this contract on the account of race, creed or color;
 - 23.3 That there may be deducted from the amount payable to the contractor under this contract, a penalty of five dollars (\$5) for each person for each calendar day during which such person was discriminated against or intimidated, in violation of the provisions of this contract; and,
 - 23.4 That this contract may be canceled or terminated by the School District, and all money due or to become due hereunder may be forfeited, for a second or any subsequent violation of the terms and conditions of the contract.

General Conditions for Bid

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Due Date: **Tuesday, February 12, 2019**

24. **HUMAN RELATIONS ACT:** The provisions of the Pennsylvania Human Relations Act, Act 222 of October 27, 1955 (P.L. 744) (43 P.S. Section 951 et. seq.) of the Commonwealth of Pennsylvania prohibit discrimination because of race, color, religious creed, ancestry, age, sex, national origin, handicap or disability, by employers, employment agencies, labor organizations, contractors and others. The contractor shall agree to comply with the provisions of this Act as amended that are made part of this specification. Your attention is directed to the language of the Commonwealth's non-discrimination clause in 16 PA Code 349.101.
25. **COMPETENT WORKERS:** According to Section 752 of the Public School Code of 1949, no person shall be employed to do work under such contract except competent and first class workmen and mechanics. No workmen shall be regarded as competent and first class, within the meaning of this Act, except those who are duly skilled in their respective branches of labor, and who shall be paid not less than such hours by employers of organized labor in doing of similar work in the district where the work is being done.
26. **STANDARD OF QUALITY:** The various materials and products specified in the specifications by name or description are given to establish a standard of quality and of cost for bid purposes. It is not the intent to limit the acceptance to any one material or product of lesser quality would not be acceptable. Where proprietary names are used, whether or not followed by the words "or as approved equal," they shall be subject to equals only as approved by the architect, engineer and/or School District.
27. **PREVAILING WAGE:** It is the responsibility of the bidder to determine compliance with the Pennsylvania Prevailing Wage Act and to adhere to all regulations governing this Act.
28. **COMPLIANCE WITH POLICY/LAW:** Contractor shall comply with all policies, procedures and regulations of the District as established and amended from time to time as well as all applicable state and federal laws and regulations, including but not limited to the provisions of the Pennsylvania Right to Know Law, 65 P.S. 67.101 et seq., regarding possession of public records by agency contractors. In the event the District receives a request for access to a public record that is in the possession of Contractor, the District shall notify Contractor of the request and Contractor shall provide the District with the requested record in a timely manner so as to enable District compliance with the Pennsylvania Right to Know Law.

Contractor shall maintain and provide to the District a current Child Abuse History Clearance as provided by the Pennsylvania Department of Human Services, a satisfactory PA State Criminal History Report, and a Federal Criminal History Record Report (FBI Fingerprinting) for each individual engaged by Contractor to provide services who will have direct contact with children, including Contractor (if an individual).

Contractor agrees to comply with the provisions of Act 168 of 2014, Employment History Review Law and, to the extent applicable, Act 126 of 2012, Child Abuse Recognition and Reporting Training.

Signature	Title	Date
Printed Name		
Company Name		Address
Phone Number	Fax Number	Email Address

North Penn School District
Lansdale, Pennsylvania 19446

Non-Collusion Affidavit

Instructions:

1. This Non-Collusion Affidavit is material to any contract awarded pursuant to this bid. According to the Pennsylvania Antibid-Rigging Act, 73 P.S. 1611 et sec., governmental agencies may require Non-Collusion Affidavits to be submitted together with bids.
2. This Non-Collusion Affidavit must be executed by the member, officer or employee of the bidder who makes the final decision on prices and the amount quoted in the bid.
3. Bid rigging and other efforts to restrain competition, and the making of false SWORN statement in connection with the submission of bids are unlawful and may be subject to criminal prosecution. The person who signs the Affidavit should examine it carefully before signing and assure himself or herself that each statement is true and accurate, making diligent inquiry, as necessary, of all other persons employed by or associated with the bidder with responsibilities for the associated approval or submission of the bid.
4. In the case of a bid submitted by a joint venture, each party to the venture must be identified in the bid documents, and an Affidavit must be submitted separately on behalf of each party.
5. The term "Complementary Bid" as used in the Affidavit has the meaning commonly associated with that term in the bidding process, and includes the knowing submission of bids higher than the bid of another firm, any intentionally high or non-competitive bid, and any other form of bid submitted for the purpose of giving a false appearance of competition.
6. Failure to file an Affidavit in compliance with these instructions may result in disqualification of the bid.

Non-Collusion Affidavit

For Bid for Purchase of Transportation Vehicles

State of _____ County of _____

I state that I am _____ of _____
(Title) (Name of my Firm)

and that I am authorized to make this affidavit on behalf of my firm, and its Owners, Directors, and Officers.

I am the person responsible in my firm for 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 with any other contractor, bidder or potential bidder.
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 firm or person who is a bidder or potential bidder, and they will not be disclosed before bid opening.
3. No attempt has been made or will be made to induce any firm or person to refrain from bidding on this contract, or to submit a bid higher than this bid, or to submit any intentionally high or non-competitive bid or other form of competitive bid.
4. The bid of my firm is made in good faith and not pursuant to any agreement or discussion with, or inducement from, any firm or person to submit a complementary or other non-competitive bid.
5. _____, its affiliates, subsidiaries, officers, directors, and employees are not currently
(name of my firm)
under investigation by any governmental agency and have not in the last four 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 the above representations are material
(name of my firm)
and important, and will be relied on by North Penn School District in awarding the contract for which this bid is submitted. I understand and my firm understands that any misstatement in this affidavit is and shall be treated as fraudulent concealment from the North Penn School District of the true facts relating to the submission of bids for this contract.

(Name)

and

(Company Position)

SWORN TO AND SUBSCRIBED

BEFORE ME THIS _____ DAY

OF _____, 20____.

Notary Public

My Commission Expires

North Penn School District
Lansdale, PA 19446

Vendor's/Contractor's Qualification Statement

The Undersigned certified under oath the truth and correctness of all statements and of all answers to questions made hereinafter.

Submitted by: _____ Corporation _____

Name: _____ Partnership _____

Address: _____ Individual _____

Principal Office: _____ Joint Venture _____

Phone: _____ Other _____

1. How many years has your organization been in business as a vendor/contractor?

2. How many years has your organization been in business under its present business name?

3. If a corporation, answer the following:
 - a. Date of Incorporation: _____
 - b. State of Incorporation: _____
 - c. President's name: _____
 - d. Vice President's name(s): _____
 - e. Secretary's or Clerk's name: _____
 - f. Treasurer's name: _____
 - g. List names and address of all parties holding greater than 10% interest in the corporation.

4. Trade References:

5. Bank References:

6. Name of bonding company and name and address of agent:

7. Dated at

this _____ day of _____, 20_____.

Name of Organization: _____

By: _____

Title: _____

8. _____ being duly sworn deposes and says that he/she is the
_____ of Vendor/Contractor and that answers to the foregoing questions
and all statements therein contained are true and correct.

Subscribed and sworn before me this _____ day of _____, 20_____.

Notary Public:

My commission Expires:

Vendor's Contractor's Qualification State Abbrev.

North Penn School District
Lansdale, PA 19446

Bid Proposal Form

Purchase of Transportation Vehicles Bid

We, the undersigned, have reviewed the specifications herein for the supply of the above listed item(s). We propose to furnish and deliver all materials and accessories to complete the work, in accordance with the attached Bid Specifications and General Conditions. We understand that the North Penn School District reserves the right to reject any and all bids and to make awards on the basis of quality as well as price.

Company Name

Date

Address

Authorized Signature

Printed Name

Title

Telephone #

Fax #

Email Address

North Penn School District
Lansdale, PA 19446

Bid Proposal Form

Vehicle Type	Quantity	Unit Cost	Total Cost
48 Capacity, Propane-Powered Wheel Chair/ Flat Floor Design Bus	6		
29-Capacity, Propane-Powered Micro Bus	4		

Can these vehicles be delivered prior to 6/15/19 as required by the District? YES _____ NO _____

If YES, what is the deadline for the District to have a Purchase Order submitted to meet this deadline?

NOTICE OF INSTRUCTION TO BIDDERS

All bidders must complete the attached specifications. All exceptions shall be fully documented and listed in the space provided. Bidder shall state equipment and brand names used where applicable. All structural differences must be noted. The terms “No Structural Differences” or “We Are Equal to The Proposed Specifications” will NOT be accepted without supporting documentation. The District is the final arbiter regarding accepted equivalents. The bidder is required to provide detailed specifications at the time of this bid so that the District and its representatives can make the necessary comparisons to achieve the proper decision. Failure to comply with these requirements may render the bid invalid for material non-compliance to published specifications. Bidders’ shall not make changes to the specifications as they are published by the District. Bidders shall not make changes to the District’s specs with typewriter, electronic device, “white-out” or cross-outs. Deviations shall be indicated in the spaces provided.

Use of additional paper to fully explain differences will be accepted.

Specifications for 2020 Model Propane Powered School Bus: Quantity Six (6) 48-Capacity, Propane-Powered Wheel Chair/ Flat Floor Design Bus with features to accommodate students with disabilities.

Chassis Specifications

The chassis shall meet or exceed all Commonwealth of Pennsylvania and Federal requirements, regulations and all revisions for school buses of the conventional type, and shall be of suitable size preferably a body that is 26’ 11” in length from the factory for use with 48-passenger conventional Type C, bus bodies without any alterations. Wheel base must be 217” and must comply with all Commonwealth of PA. Title 67 rules and regulations CH11-210 adopted by the Department of Transportation, Bureau of Traffic Safety, September 1, 1983 and all revisions that have been added to it.

- Chassis Guarantee:** The bidder shall furnish date on Guarantee terms for chassis engine, brakes, electrical parts, battery, tires and tubes, etc. OBD II guidelines and certs must be in effect and including in the bid package.
- Capacity:** 48-Passengers which include up to 7 wheelchair positions.
- Frame:** 30,000 GVW Plate Rating, Minimum.
- Axle:** Front – Minimum rated capacity to be 10,000 lbs.
Rear – Minimum rated capacity to be 21,000 lbs.
- Suspension:** Rear Air ride suspension. Front Parabolic tapered leaf.
- Wheels:** Rim size to be 8.25’ X 22.5”.
Rims must be black with 10-hole unimount style.
- Tires:** (2) 11R. 22.5 (16 ply) tubeless steel belted Radials- front.
(4) 11R. 22.5 R (16 ply) tubeless steel belted Radials– Mud & Snow tread – rear.
- Brakes:** Dual Air Brake System shall be equipped with AD9 Bendix Air Dryer
- Steering:** Hydraulic power steering shall be provided with adjustable tilt/ telescoping steering wheel and steering column.

- Fuel Tank:** Minimum capacity shall be 67 gallons propane capacity. The puncture resistant dual tanks should be mounted between the frame rails and have a dual fuel pump system to ensure reliability. Manual shut-off valve to be provided and labeled for easy identification. The fuel rails shall utilize a vapor canister to vent fuel vapors safely after engine shutoff and prevent any chance of propane leaking past the fuel injectors.
- Engine:** Minimum of 6.8 L, V8 with Propane Fuel System, 270 HP
With: 5-year unlimited mileage warranty.
- The engine supplied must meet or exceed all Federal and Commonwealth of Pennsylvania regulations regarding engine exhaust emissions and must be certified by the United States Environmental Protection Agency (E.P.A.) at the time of bid opening. The successful bidder hereby agrees with intent to be legally bound that (a) during the warranty period for the engines (5 years) it will be responsible for payment of all expenses that are required for the engines to meet or exceed all regulations that existed at the time of manufacture or that take effect thereafter during the warranty period; and (b) it shall indemnify and save harmless the North Penn School District from the responsibility or liability of incurring or paying such expenses. Current EPA and CARB Certification shall be provided at time of bid for grant purposes.
- Engine Governor:** Set at manufacturer's recommended maximum engine speed.
- Oil Filter:** Replaceable element type, full flow.
- Air Filter:** Replaceable element type, full flow.
- Exhaust:** Tail Pipe shall be stainless steel and protrude thru the rear bumper.
- Transmission:** Automatic Transmission
5-year unlimited mileage warranty.
- Rear Axle:** Single reduction rear end of correct combination, to match up the power train, that is, the engine transmission and rear for the vehicle load.
- Electrical:** Minimum of 270 Amp Alternator 12-volt system.
Gauges not indicator lights.
Dual electric horns.
Turn signal switch to be of the self-canceling type.
Shall have a hazard switch that will permit flashing of all turn signals.
High temp/low oil warning light and buzzer.
All circuits are to be protected by circuit breakers.
Battery power cut-off switch.
Body Harness and electrical panel harness shall be loomed and the electrical Panel shall be loomed at the main connector areas.
- Instruments:** All switches and controls shall be permanently and plainly labeled. Chassis shall be equipped with the following gauges and/or switches:
1. Speedometer
 2. Odometer
 3. Ammeter
 4. Oil pressure gauge
 5. Water temperature gauge
 6. Fuel tank gauge
 7. High beam indicator
 8. Hazard lights warning indicator
 9. Tachometer
 10. Transmission temperature gauge

Tilt Hood Exterior:	Composite tilting front end. Hinged one-piece forward tilt with 15 lbs. maximum pull.
General:	Speedometer equipped with odometer to record tenths of a mile. Hand operated electronic throttle and cruise control. Back-up alarm system, to engage when vehicle is in reverse gear. Air operated stop arm with standard red lights to be installed, stop arm to be reflectorized type. Air operated crossing arm to be installed on the front bumper.
Cooling System:	Must have heavy-duty radiator. Must have anti-freeze protection to -34 degrees F. Must have rubber coolant hoses with constant torque clamps
Shock Absorbers:	Shall be installed front and rear, compatible with manufacture's rated axle capacity.
Tow Hooks:	(2) front mounted on frame. (2) rear mounted on frame.
Manufacturer's Specifications:	Each bidder shall be required to include with the bid form and specifications, complete factory specifications describing the chassis on which the bid has been based and the unit they intend to supply to meet the minimum requirements outlined above.
Body Specifications	
Headroom:	77 inch, minimum.
Heaters:	All heater motors are to be two-speed including left front, right front and rear of bus heaters. All are to be maximum capacity. Two defroster fans.
Driver Area:	High back air driver seat with cloth fabric insert on driver's two tier heated seat cushion and seat back. Driver seat shall be air design with dual arm rests. Driver shall have access to a AM/FM MP3 Stereo with 8 interior speakers and a PA system tied in. Cup holder retractable in dash. Driver accessory switch on switch panel. Driver storage compartment. Glove box.
Seats:	All seats are track mounted. Seats can be easily removed and a wheel chair position added. Each ambulatory seat shall be two-point seat belt supplied and can be easily convertible to three or four point should the district require. The seats shall have the ability to flip up for easy cleaning. See the chart below for floorplan. Brown upholstery on each passenger seat. Seat belts shall be color coordinated black, tan and maroon on each seat.
Entrance Door:	Air or electric operated by a three position switch allowing activation of the 8-way red warning lights, stop arm and crossing arm prior to opening the entrance door. Must have a three-position activation switch on driver's control panel (Steering wheel activation switches are not preferred or required). Passenger entrance door must have a keyed outside door lock
Windshield:	Tinted safety plate glass with kick-out capability (if available) for additional emergency exit.
Windows:	Must meet minimum state and federal standards (No Thermo Plane glass). See Side plan. Two pushouts on each side. Two egress Roof hatches on top. Glass shall be tinted design on the sides, entrance door windows and lighter tint on the driver's side window. The rear vision windows shall be tinted design.

Windshield wipers:	Must have a minimum of two-speeds, wiper control may be an automotive type integrated into the turn signal/steering column.
Windshield Washer:	Controlled from driver's switch panel or automotive type control.
Undercoating:	Entire underside of body, including floor member, side panels, and fenders below floor area shall be undercoated. All components and parts of the body shall be guaranteed with maintenance against rust for a minimum of 5 years.
Mud Flaps:	Front and rear to be provided. Rubber Fenders supplied on rear wheel wells.
Paint	National School Bus Yellow. Paint must meet Pennsylvania minimum standard for school buses. Polyurethane only.
Lettering:	8" "SCHOOL BUS" signs front and rear, must have hinged type cover. Side: "North Penn School District" in 6" black letters. Name must not be hidden by stop arm.
Identification:	Numerals on all four corners visible to front and rear and at entrance door of the bus body and under driver's window as large as space will allow and on the center rear emergency door. Numerals to be specified by the school district and applied in sequence.
Mirrors:	Interior: (1) 10" x 30" and has an integrated backup camera that activates when the driver puts the transmission into reverse. Exterior: Driver remote controlled heated and open-view design side mirror with and (2) quadrispherical mirrors, also heated on right front fender and left front fender to provide driver a view of the boarding area, rear duals and adjacent side areas. Brackets shall be stainless steel for better durability. Heater switches shall have 15 minute timers.
Lights:	Lights and reflectors to comply with existing standards. All lamps and lenses of make and model for which parts are readily available. All lights on exterior shall be of LED design except 8 -ways. Eight-way warning light system to be operated by electronic flasher (not motor driven) and shall be Halogen.
Floor:	Floor shall be a flat design with black rubber flooring and no wheel wells. Floor to be galvanized 14-gauge steel. Minimum 5/8" marine grade plywood. Inside floor to be covered with 1/8" rubber with ribbed aisle. The body shall be laterally and longitudinally braced and welded into a unitized structure in such a way that all members will resist an impact applied at any area of the body.
Stepwell:	Entrance steps are to be covered with pebble thread at least 1/8" thick. Steps must have full width treads and risers. Step tread shall be studded type to prevent slippage. Right and left handrails for the passengers included to assist passenger entry up each step.
Guard Rails:	Additional guard rails of 16-gauge steel are to be applied at floor and seat line. Rails are to be vented.
Safety Equipment:	Safety equipment to be included: First aid kit per state requirements and standards. Fire extinguisher, 5 lb., ABC D.O.T. reflectors as per state requirements. Wrecking bar. Body fluid clean-up kit. Child Check Reminder System Endcap compartment above the driver's head to store equipment

Video Monitoring Equipment:

Two Way Radio: Wired for antenna and power

Public Address System:

Buses are to be equipped with an interior public address system including an interior speaker system built into the AM/FM MP3 Stereo.

Wheel Chair Lift: Shall be a wheelchair lift with 1,000-pound capacity with compatible platform with the bus. Lift shall be mounted in the curb side rear of the bus.

Wheel Chair Securement: Must be WC19 Compliant and be QRT 360. Four sets included with each unit. All track seats shall be included with each unit.

Air Conditioning: Shall include two skirt mounted Condensers with 3 12" fans. Winter protection kit shall be provided. Minimum 60,000 BTU capacity and a single compressor. Rear wall mounted evaporator shall be installed in the rear endcap of the bus.

Miscellaneous: An OBD II type diagnostic device shall be supplied. (One per order)
Mechanic staff instruction on use of these systems is to be included.

All engine maintenance-diagnostic-repair manuals are to be provided for the engine and drivetrain supplied

All electrical system diagrams will be provided online.
Maintenance seminar annually with assistance from the manufacturer and suppliers including training to assist district with consistent maintenance practices.

Delivery: Vehicle shall be currently inspected with latest sticker affixed. All necessary papers for title and registration shall be provided and assistance with State Police Inspection to be performed prior to delivery. Registration papers will include the school bus number on the MV-1 for district use. Delivery and acceptance of 2020 vehicles must be completed no later than June 1, 2019. Delivery of 2020 model year vehicles must be specified.

**Specifications for 2020 Model Propane Powered School Bus: Quantity Four (4) 29-Capacity,
Propane-Powered Micro Bus**

Chassis Specifications

The chassis shall meet or exceed all Commonwealth of Pennsylvania and Federal requirements, regulations and all revisions for school buses of the conventional type, and shall be of suitable size preferably a body that is 23' 5" in length from the factory for use with 29-passenger conventional Type A, bus bodies without any alterations. Wheel base must be 158" and must comply with all Commonwealth of PA. Title 67 rules and regulations CH11-210 adopted by the Department of Transportation, Bureau of Traffic Safety, September 1, 1983 and all revisions that have been added to it.

Chassis Guarantee: The bidder shall furnish date on Guarantee terms for chassis engine, brakes, electrical parts, battery, tires and tubes, etc. OBD II guidelines and certifications must be in effect and including in the bid package.

Capacity: 29-Passengers

Frame: 14,500 lb. GVW Plate Rating, Minimum.

Axle: Front – GAWR – 5,000lbs.
Rear – GAWR – 9600lbs. RAR 4.56 Dual Rear Wheel

Wheels: 16 x 6 Steel Rims - Black

Tires: LT225/ 75R16E all -season, black wall

Brakes: Four Wheel Disc with Anti-lock brake system

Steering: Hydraulic power steering shall be provided with adjustable tilt steering wheel and steering column.

Fuel Tank: Minimum capacity shall be 44 gallons propane capacity. The puncture resistant dual tanks should be mounted between the frame rails and have a dual fuel pump system to ensure reliability. Manual shut-off valve to be provided and labeled for easy identification. The fuel rails shall utilize a vapor canister to vent fuel vapors safely after engine shutoff and prevent any chance of propane leaking past the fuel injectors.

Engine: Minimum of 6.8 L, minimum of V8 with Propane Fuel System, 270 HP, or equivalent.
With: 5-year unlimited mileage warranty.

The engine supplied must meet or exceed all Federal and Commonwealth of Pennsylvania regulations regarding engine exhaust emissions and must be certified by the United States Environmental Protection Agency (E.P.A.) at the time of bid opening. The successful bidder hereby agrees with intent to be legally bound that (a) during the warranty period for the engines (5 years) it will be responsible for payment of all expenses that are required for the engines to meet or exceed all regulations that existed at the time of manufacture or that take effect thereafter during the warranty period; and (b) it shall indemnify and save harmless the North Penn School District from the responsibility or liability of incurring or paying such expenses. Current EPA and CARB Certification shall be provided at time of bid for grant purposes.

Engine Governor: Set at manufacturer's recommended maximum engine speed.

Oil Filter: Replaceable element type, full flow.

Air Filter: Replaceable element type, full flow.

Exhaust:	Tail Pipe relocated to rear of the unit
Transmission:	Automatic Transmission 5-year unlimited mileage warranty.
Rear Axle:	Single reduction rear end of correct combination, to match up the power train, that is, the engine transmission and rear for the vehicle load.
Electrical:	Minimum of 225 Amp Alternator 12-volt system. Gauges not indicator lights. Dual electric horns. Turn signal switch to be of the self-canceling type. Shall have a hazard switch that will permit flashing of all turn signals. High temp/low oil warning light and buzzer. All circuits are to be protected by circuit breakers. Battery power cut-off switch. Body Harness and electrical panel harness shall be loomed and the electrical Panel shall be loomed at the main connector areas.
Instruments:	All switches and controls shall be permanently and plainly labeled. Chassis shall be equipped with the following gauges and/or switches: <ol style="list-style-type: none"> 1. Speedometer 2. Odometer 3. Ammeter 4. Oil pressure gauge 5. Water temperature gauge 6. Fuel tank gauge 7. High beam indicator 8. Hazard lights warning indicator 9. Tachometer
General:	Speedometer equipped with odometer to record tenths of a mile. Hand operated electronic throttle and cruise control. Back-up alarm system, to engage when vehicle is in reverse gear. Electric stop arm with standard red lights to be installed, stop arm to be reflectorized type. Electric crossing arm to be installed on the front bumper.
Cooling System:	Must have heavy-duty radiator. Must have anti-freeze protection to -34 degrees F.
Shock Absorbers:	Shall be installed front and rear, compatible with manufacture's rated axle capacity.
Manufacturer's Specifications:	Each bidder shall be required to include with the bid form and specifications, complete factory specifications describing the chassis on which the bid has been based and the unit they intend to supply to meet the minimum requirements outlined above.
Body Specifications	
Headroom:	76 inch, minimum.
Handrails:	Shall be made of 1.25" unpainted stainless steel mounted on the interior left-hand side of the entry door step well.
Heaters:	All heater motors are to be two-speed including left front, right front and rear of bus heaters.

All are to be maximum capacity.
Two defroster fans.

- Driver Area:** High back air driver seat with cloth fabric insert.
Driver shall have access to a AM/FM MP3 Stereo with 4 interior speakers and a PA system tied in. Cup holder in dash. Driver storage compartment. Glove box.
- Seats:** Seats shall be 39" on each side on the first five rows. The last row shall have a 30" left hand seat and a 39" seat on the right. Interior width of the seat area and floor shall be 93". All seats are two-point seat belts and has color coordinated seat belts 3 per seat and the 30" seat in the rear shall have two per seat.
- Entrance Door:** Air or electrically operated allowing activation of the 8-way red warning lights, stop arm and crossing arm prior to opening the entrance door. Separate key switch on the curb side shall be installed for easy side entry. 32" wide entrance.
- Windshield:** Standard OEM Windshield.
- Windows:** Must meet minimum state and federal standards (No Thermo Plane glass)
The rear vision windows shall be tinted design. Side windows split sash design 12" and are tinted.
- Windshield wipers:** Must have a minimum of two-speeds, wiper control may be an automotive type integrated into the turn signal/steering column.
- Windshield Washer:** Controlled from driver's switch panel or automotive type control.
- Undercoating:** Entire underside of body, including floor member, side panels, and fenders below floor area shall be undercoated. All components and parts of the body shall be guaranteed with maintenance against rust for a minimum of 5 years.
- Mud Flaps:** Front and rear to be provided. Black Plastic Fenders supplied on rear wheel wells. Splash guard on body behind the right side tire.
- Paint** National School Bus Yellow. Paint must meet Pennsylvania minimum standard for school buses. Polyurethane only. Top shall be white.
- Lettering:** 8" "SCHOOL BUS" signs front and rear over a reflective background.
Side: "North Penn School District" in 5" black letters. Name must not be hidden by stop arm.
- Identification:** Numerals on all four corners visible to front and rear and at entrance door of the bus body and under driver's window as large as space will allow and on the center rear emergency door. Numerals to be specified by the school district and applied in sequence.
- Mirrors:** Interior: (1) 2" x 10" is supplied and has an integrated backup camera that activates when the driver puts the transmission into reverse. A 6" 16" mirror with padded edges shall be supplied over the driver's head.
Exterior mirrors are equipped and meet all FMVSS 111 guidelines.
- Lights:** Lights and reflectors to comply with existing standards. All lamps and lenses of make and model for which parts are readily available. All lights on exterior shall be of LED design except 8 -ways. Eight-way warning light system to be operated by electronic flasher (not motor driven) and shall be Halogen.
- Floor:** 1/8" Smooth gray smooth material rubber. Aisle shall be 3/16" ribbed rubber covering. Cut tight to fit sides. Sealant along the seams and edges with a thermoplastic sealant. The floor in the driver's area shall be insulated black rubber matting.

Stepwell:	Two Step entrance. Ribbed rubber on the steps.
Guard Rails:	Additional guard rails of 16-gauge steel are to be applied at floor and seat line.
Safety Equipment:	<p>Safety equipment to be included:</p> <p>First aid kit per state requirements and standards.</p> <p>Fire extinguisher, 5 lb., ABC</p> <p>D.O.T. reflectors as per state requirements.</p> <p>Wrecking bar.</p> <p>Body fluid clean-up kit.</p> <p>Child Check Reminder System</p> <p>Safety equipment mounted on wall behind driver and in front of the first drivers side seat.</p>
Air Conditioner:	Minimum of 40,000 BTU Rear-Mounted AC unit. Evaporator in the endcap and the Condenser shall be on the skirt. The unit shall be tied into the system on the bus system.
Video Monitoring Equipment:	
Two Way Radio:	Wired for antenna and power
Public Address System:	<p>Buses are to be equipped with an interior public address system including an interior speaker system built into the AM/FM MP3 Stereo.</p>
Miscellaneous:	<p>An OBD II type diagnostic device shall be supplied. (One per order)</p> <p>Mechanic staff instruction on use of these systems is to be included.</p> <p>All engine maintenance-diagnostic-repair manuals are to be provided for the engine and drivetrain supplied</p> <p>All electrical system diagrams will be provided online.</p> <p>Maintenance seminar annually with assistance from the manufacturer and suppliers including training to assist district with consistent maintenance practices.</p>
Delivery:	<p>Vehicle shall be currently inspected with latest sticker affixed. All necessary papers for title and registration shall be provided and assistance with State Police Inspection to be performed prior to delivery. Registration papers will include the school bus number on the MV-1 for district use. Delivery and acceptance of 2020 vehicles must be completed no later than June 1, 2019. Delivery of 2020 model year vehicles must be specified.</p>