



SCHOOL BUS SALES Co.

Model year 2023 Blue Bird PROPANE - 65 passenger

CUSTOMER NAME:	New Hampton CSD	DATE:	8/10/2021
ADDRESS:	710 West Main St	PHONE:	(641)394-2134
CITY/ZIP CODE:	New Hampton, IA 50659	CAPACITY:	65
BODY MODEL:	BBCV3011	QUANTITY:	2

PRICE PER UNIT F.O.B. WATERLOO, IA	<u>\$105,098.00</u>
DELIVERY CHARGE PER UNIT TO NEW HAMPTON, IOWA	<u>INCLUDED</u>
	SUBTOTAL PER UNIT <u>\$105,098.00</u>
MULTIPLY BY 2 UNITS=	TOTAL <u>\$210,196.00</u>

LESS: TRADE IN UNITS

Delivery approx. February/March 2022	TRADE-IN VALUE	<u>\$0.00</u>
	TOTAL BID PRICE	<u>\$210,196.00</u>

OPTIONAL EQUIPMENT TO BE ADDED TO TOTAL PRICE OF UNIT:

<u>Manual entrance door with vandal locks</u>	<u>INCLUDED</u>
<u>Heated remote mirrors, Rosco back up camera</u>	<u>INCLUDED</u>
<u>Brown seats with tan floor</u>	<u>INCLUDED</u>
<u>National drivers AIR seat with fabric insert</u>	<u>INCLUDED</u>
<u>Tinted window sides and rear</u>	<u>INCLUDED</u>
<u>Dual row dome lights with rear supervisor light</u>	<u>INCLUDED</u>
<u>AM/FM/MP3/CD/PA with 8 speakers</u>	<u>INCLUDED</u>
<u>Full accoustical headlining</u>	<u>INCLUDED</u>
<u>Rear rubber fenders</u>	<u>INCLUDED</u>
<u>2 piece curved windshield</u>	<u>INCLUDED</u>
<u>Adjustable pedals</u>	<u>INCLUDED</u>
<u>Winterfront/Bugscreen</u>	<u>INCLUDED</u>
<u>Euro fill propane fuel nozzle</u>	<u>INCLUDED</u>

NOTE: WE RESERVE THE RIGHT TO NOT ACCEPT TRADE IN UNITS IF NOT IN THE SAME GENERAL CONDITION AS WHEN APPRAISED.
 NOTE: ALL QUOTATIONS ARE QUOTED WITH PAYMENTS DUE ON DELIVERY OF UNIT. IF DISTRICT PICKS UP AT BODY PLANT, PAYMENT MUST BE RECEIVED BEFORE UNIT WILL BE RELEASED.

SUBMITTED BY: *Jon Andrews*
 Jon Andrews, Sales Representative



SCHOOL BUS SALES Co.

2021 Blue Bird PROPANE - 65 passenger

CHASSIS QUOTATION

Standard Equipment and Features of chassis to meet State and Federal Standards:

MAKE BLUE BIRD MODEL VISION YEAR 2023 WHEELBASE 252"

ENGINE: Ford 7.3L V8

CYLINDERS: V10 DISPLACEMENT: 445 CU IN (7.3L) LP: X DIESEL:

HORSEPOWER: 350HP @ 3900 rpm TORQUE NET: 468 lb-ft @ 3900 rpm

TRANSMISSION Ford 6R140 6 speed

AXLES:

FRONT AXLE/SUSPENSION RATING: 12000/8500 REAR AXLE/SUSPENSION RATING: 21000/21000

GEAR RATIO: 5.29

BRAKE TYPE: HYDRAULIC/ABS

SIZE/TREAD TYPE OF TIRES:

FRONT: COOPER 11R22.5 HWY REAR: COOPER 11R22.5 MUD & SNOW

TYPE/SIZE OF WHEELS:

FRONT: HUB-PILOTED 22.5 X 8.25 REAR: HUB-PILOTED 22.5 X 8.25

ELECTRICAL:

ALTERNATOR: 240 AMP LEECE NEVILLE BATTERY: 3 12 VOLT 2100 CCA

FUEL TANK: 67.5 Useable gallons BLOCK HEATER: 750 WATT

STANDARD BASE WARRANTY: SEE ATTACHED SHEETS

OPTIONAL EQUIPMENT TO BE ADDED TO TOTAL PRICE OF CHASSIS:

CRUISE CONTROL/REAR RUBBER FENDERS	INCLUDED
HIGH IDLE	INCLUDED
FRONT OIL SEALS	INCLUDED
TILT/TELESCOPING STEERING WHEEL	INCLUDED

*CHASSIS ONLY AVAILABLE WITH BLUE BIRD BODY!

NOTE: ALL QUOTATIONS ARE QUOTED AS DUE ON DELIVERY. IF DISTRICT ELECTS TO PICK UP UNIT AT BODY PLANT PAYMENT MUST BE RECEIVED BEFORE UNIT WILL BE RELEASED.



BLUE BIRD

Vision Propane



With **over 18,000 sold**, Blue Bird's 5th Generation Vision Propane bus is engineered to deliver fuel and maintenance cost-saving results, as well as offer drivers a pleasant riding and operation experience. As many satisfied customers can affirm, propane is a safe, clean and affordable alternative fuel, that **features many operational and cost-saving benefits**.

With its exceptional driver visibility and maneuverability, the Blue Bird Vision bus shares many body parts with the Blue Bird All American bus, resulting in a reduction in parts and service complexity. With multiple fuel types and powertrain options available, **each bus is specifically tailored to each customer** - allowing you to choose what works best to reduce your total cost of ownership and your specific operating requirements.

From chassis to body to cockpit, the **Blue Bird Vision** is a winner: a purpose-built school bus from a purpose-driven company that is clearly best-in-class.





Body Specifications

Capacity	Multiple floor plans available. Seating up to 83 (diesel, propane, and gasoline) and 72 (electric)
Exterior Width	96"
Interior Width	90 3/4"
Aisle Width	Varies by Floor plan
Skirt Length	16 1/4", 19 3/4", 25 3/4"
Interior Height	77"
Overall Height	121"-128"
Front Overhang	45" with standard steel bumper
Rear Overhang	Varies by body length/ wheelbase
Entrance Door	27" wide x 78" high, manual opening control with electric and air power options available
Rear Door	37" wide x 52" high
Exterior Mirrors	Manual, Optional heated remote operated
Flooring	1/2" plywood subflooring, 5/8" optional
Tire Size	295/75R 22.5, all-position radials
Alternator	210, 240, 270, and 320 amps with 12 volts
Brakes	4-wheel hydraulic brakes with 4-channel anti-lock brake system; Air drum and air disc brakes available
Suspension	Soft ride front leaf spring suspension; single stage steel leaf rear spring suspension system (ratings varies by capacity); Air Suspension available
Steering	Tilt & telescoping steering column
Front Axle	Rating varies by capacity
Rear Axle	With hypoid, single reduction gears with broad range of ratios available to optimize powertrain performance (rating varies by capacity)
Wheel Cut	50°
GVWR	Up to 33,000 lbs.
Air Conditioning	Factory installed available

Propane Specifications

Engine	Ford® 7.3L with ROUSH CleanTech Liquid Propane Autogas Fuel System, 350 hp
Transmission	Ford® 6R140 - 6 speed automatic
Wheelbase	169"/ 189"/ 217"/ 238"/ 252"/ 273"/ 280"
Fuel Tank	Standard (usable) 67-gallon, optional 93-gallon located between frame rails in rear overhang, 47-gallon for 169" wheelbase



Specifications, features, illustrations and equipment shown in this brochure are based upon the latest available information at the time of printing. Although descriptions are believed to be correct, accuracy cannot be guaranteed. Blue Bird Body Company reserves the right to make changes at any time without notice. Some features mentioned herein are not available in all models. Please see your Blue Bird Dealer for details. Blue Bird Body Company does not represent or warrant that its products are fit for a particular purpose. Purchaser must independently determine the suitability of the Blue Bird products for their particular application. All images contained herein are either owned by Blue Bird Body Company or used under a valid license. All trademarks used herein are registered trademarks of Blue Bird Body Company. It is a violation of federal law to reproduce these images without express written permission from Blue Bird Body Company. SB-VISIONSSPP-0121 © 2021 Blue Bird Corporation

CLEANER. LEANER. MEANER.



**ROUSH CleanTech's
Generation 5 is the next
advancement in powertrain
technology, delivering more
power in a compact package.**

The innovative propane autogas technology integrates Ford's new 7.3L V8 engine in Class 3-7 chassis. The Gen 5 engine is:

- Compact and more powerful.
- Easier to maintain with more room to perform service work.
- Higher in peak horsepower.
- Equipped with technical innovations including stronger and lighter forged fuel rails, refinements to belt and accessory drive and streamlined fuel system routing and integration.
- 70% cleaner than federal emissions standards.
- Warrantied with unlimited mile powertrain.
- Backed by 45 years of Roush engineering and over 1 billion miles of alternative fuel experience.

The Ford 7.3L engine is produced at high volumes — more than 600 engines per day. That's **six times** the competition!

Available in Ford commercial vehicles (F-450/F-550; F-650/F-750; F-53/F-59; E-350 cutaway; and E-450 DRW cutaway), Micro Bird G5 Type A buses and Blue Bird Vision Type C buses.

*Also available with gasoline fuel system in school buses.



ROUSH
CLEANTECH



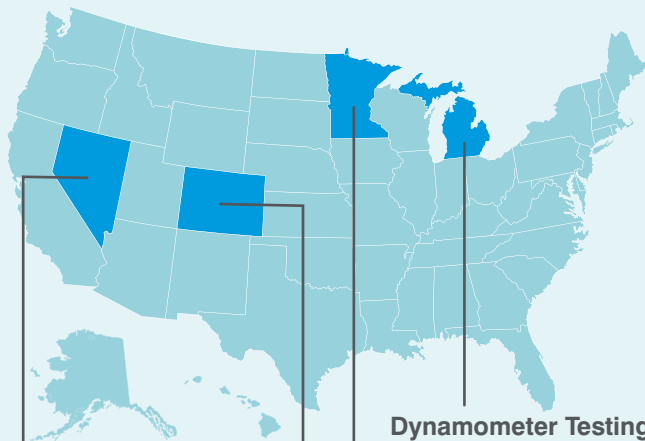
CLEANER. LEANER. MEANER.

REDUCED EMISSIONS

ROUSH CleanTech vehicles are **70% lower** than California Air Resources Board and Environmental Protection Agency federal emission standards.

Emission	% lower than EPA / CARB standard
Formaldehyde (HCHO)	100% lower
Nitrous oxide (N2O)	80% lower
Particulate matter (PM)	80% lower
Methane (CH4)	70% lower
Nitrogen oxides (NOx)	75% lower
Carbon monoxide (CO)	65% lower
Non-methane hydrocarbons (NMHC)	64% lower
Carbon dioxide (CO2)	11% lower

EXTENSIVELY ROUSH-TESTED



Hot Weather Testing

Las Vegas, NV

- Hot / dry weather.
- High mountain elevation.

High Altitude Testing

Denver, CO

- 11,000 feet.
- 6% grade.

Dynamometer Testing

Livonia, Michigan

- Durability.
- Calibration.
- Emissions.

Cold Weather Testing

Bemidji, Minnesota

- Extreme snow.
- Temperatures on- and off-road.

7.3L SPECS



ENGINE RPM

Idle: 680 Max: 4,050



POWER

HP: 350
Torque: 468 ft-lbs. @ 3,900 RPM



DESIGN

90° V8 / 445 CI / Pushrod 2V



COMPRESSION

10.5 to 1

ROUSH CLEANTECH'S GEN 5 WITH FORD 7.3L 2V GODZILLA ENGINE

Displacement	7.3L / 445 CI
Compression	10.5 to 1
Idle / max RPM	680 / 4,050
Height	835 mm
Width	757 mm
Length	766 mm
Weight	545 lbs.
Peak horsepower	350
Peak torque	468 ft lbs. @ 3,900
Valvetrain	Pushrod 2V
Bore & stroke	107.2 x 101.0 mm
Air intake	Naturally aspirated
Ignition	Coil near plug
Crankshaft	Forged steel
Piston rods	Powder forged high alloy
Main	4 bolt cap with 2 side bolts
Block	Cast iron
Cylinder heads	Aluminum
Intake	Composite
Oil capacity	8 quarts
Injection	Multiport in head
Throttle	Electronic