

Waterford Unified School District

219 Reinway Avenue, Bldg 2

P.O. Box 270

Waterford, CA 95386

(209) 874-1809

Bid #01/22

"School Bus(es)"

Date: 11/3/2021

The undersigned fully understands that the District forms a contract upon acceptance of this bid.

The undersigned, having carefully read the Notice To Bidders as published on October 14, 2021, and October 21, 2021, and the Specifications, hereby proposes to furnish in strict conformity with said documents the following:

One or more – Description: Micro Bird G5

Capacity: 24 Ambulatory

Cost (excluding sales tax) \$ 94,780.58 + Sales Tax

Estimated Delivery Date: 240-180 Days ARO

Note: Pursuant to Public Contract Code Sections 20118 and 20652, the Bidding Agency may allow other Public Agencies in the State of California (Including but not limited to: Kern, San Bernardino, Orange, San Diego, Riverside, Los Angeles, Monterey, Fresno, and Santa Barbara Counties) to purchase equipment and supplies under the same terms and conditions. The Bidding Agency waives its rights to require other Districts to draw their warrants in favor to this District and authorizes each District to make payment directly to the successful Bidder. The Bidding Agency agrees to waive payment of reasonable costs per Public Contract Code Section 20118. We understand the District reserves the right to reject any and all bids, and to waive any irregularity of informalities in any bids or in the bidding process.

Name of Bidder: A-Z Bus Sales, Inc.

Signed by: 

Name & Title: John Landherr / President & CEO

Address: 1900 S. Riverside Avenue

Colton, CA 92324

Phone: 951-781-1841

Fax: 951-781-9806

Email: jlandherr@a-zbus.com

WATERFORD UNIFIED SCHOOL DISTRICT – Bid #01/22

NEW 24 PASSENGER TYPE-A1 SCHOOL BUS

SPECIFICATION	BIDDER'S RESPONSE - MUST COMPLY OR STATE DEVIATIONS IN FULL
<p>Specifications that follow are minimum basic requirements. Bidder must list any deviations from these specifications. If bidder claims item "Meets or Exceeds" specifications, documentation must be provided with bid to substantiate claim. Failure to do so will result in rejection of your bid and/or product for non-compliance.</p>	
<p>2021 Model Year (or newer) Type-A1 style School Bus Capable of supporting the specified 24-passenger capacity. Body & chassis are to be designed and engineered to be compatible, formed and integrated as a complete vehicle, utilizing a cutaway front section vehicle with a left-side driver's door.</p> <p>Bidder must be a valid franchised dealer for units bid in the state of California.</p> <p>Vehicles bid shall meet All Applicable FMVSS & current California standards for school buses in affect at time of manufacture.</p>	<p>YEAR: 2021 (or Newer)</p> <p>CHASSIS MFG: Ford</p> <p>MODEL: E450</p> <p>BODY MFG: Micro Bird</p> <p>MODEL: G5</p> <p>CAPACITY: 24 Ambulatory</p>
<p><u>VEHICLE DIMENSIONS:</u></p> <p>G.V.W.R. - 14,500# minimum.</p> <p>Wheelbase shall not exceed 158".</p> <p>Overall length 283" maximum.</p> <p>Overall height 113" maximum.</p> <p>Overall width 96" (excluding mirrors).</p> <p>Headroom 76" minimum at center aisle.</p>	<p>G.V.W.R.: 14,500#</p> <p>WHEELBASE: 158"</p> <p>OA LENGTH: 283"</p> <p>OA HEIGHT: 116"</p> <p>OA WIDTH: 96"</p> <p>HEADROOM: 76"</p>
CHASSIS REQUIREMENTS	
<p><u>AXLES:</u></p> <p>Front – 5,000# GAWR Rear – 9,600# GAWR Rear axle ratio: 4.56</p>	COMPLY
<p><u>BRAKES:</u> Power disc brakes front and rear with four-wheel antilock.</p> <p><u>ESC</u> – Electronic Stability Control shall be provided.</p>	COMPLY
<p><u>BUMPERS:</u> Front – As provided by chassis manufacturer.</p> <p>Rear – Rear bumper shall be 3/16" pressed steel channel, 10" high & flanged 2" at top & bottom. The bumper shall wrap around the back corners of the bus & shall extend 12" forward measured from the rearmost point of the body at the floor line. The ends shall be protected & flush mounted to the body sides.</p>	COMPLY

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<u>DRIVELINE:</u> Driveline guard around shaft front & rear.	COMPLY
<u>ELECTRICAL SYSTEM:</u> Alternator – HD 240 amp. Chassis manufacturer supplied. Battery – Dual (2) 78 amp/750 CCA maintenance-free batteries. Chassis manufacturer supplied. Battery compartment shall be provided. Electrical Compartment – Latched door, located above the driver door, containing control panel, school bus lamp module, and 80-amp continuous duty relay activated by ignition switch providing electrical current for body accessories. Printed circuit board electrical control panel shall accommodate most body relays and fuses. Circuits protected by ATO type fuses. Body wiring harness shall be color & number coded through-out & shall be loomed under body and in the engine compartment. Grommets must be installed on all metal openings crossed by electric wiring. Molded service panels above side windows shall also be provided. All wiring shall conform to SAE J1128. A complete body wiring diagram to be provided with each vehicle.	COMPLY
<u>ENGINE:</u> 7.3L V-8 350hp/468 lb-ft torque Gasoline engine. Hill start assist shall be included.	COMPLY
<u>FUEL TANK:</u> 40-gallon capacity minimum with heat shield. Exterior fuel tank opening as supplied by chassis manufacturer. A spring-loaded locking fuel cap & plate in the floor to access tank shall be provided.	COMPLY
<u>GLASS - CHASSIS:</u> Windshield shall be tinted as provided by chassis manufacturer. Driver's door shall be tinted & glass shall be banded.	COMPLY
<u>HORN:</u> Dual note electric.	COMPLY
<u>INSTRUMENTS:</u> Dash instrument/gauge package as provided by chassis manufacturer, located within easy viewing of the seated driver & include a trip odometer.	COMPLY

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<u>SHOCK ABSORBERS:</u> Two front & two rear.	COMPLY
<u>STEERING:</u> Full power steering. Steering wheel shall be tilt type. An air bag shall be provided for driver's side only.	COMPLY
<u>SUSPENSION:</u> Manufacturer's coil front & multi-leaf rear. Front stabilizer bar shall be provided.	COMPLY
<u>TIRES:</u> Six (6) LT225/75R 16E black side wall all season radials.	COMPLY
<u>TRANSMISSION:</u> Electronic, automatic 6 speed with overdrive. Oil cooler shall also be provided.	COMPLY
<u>WHEELS:</u> Single front & Dual rear, Six (6) 16" X 6", steel.	COMPLY
BODY REQUIREMENTS	
<u>AIR CONDITIONING:</u> 55K BTU Freeblow + OEM front dash with 2-compressor AC system to be provided.	COMPLY
<u>COMPARTMENTS:</u> Glove box located at the RH side of the dash with ¼-turn latching access door to be provided.	COMPLY
<u>CONSTRUCTION:</u> Construction shall be of a body on chassis integral design. Body shall be mounted using (puck) type rubber blocs to eliminate vibration & increase vehicle life. Roof bows shall be one piece, floor-to-floor hat section type and shall be made of 16 ga. galvanized steel. Two, 18 ga. steel roll formed structural linear beams and four longitudinal aluminum structural beams shall extend the full length of the body and be mechanically attached to each roof bow. Safety roll cage structure shall be mechanically fastened with corrosion resistant, structural fasteners. Reinforced side impact barriers made of 16 ga. galvanized steel shall be incorporated into body design to enhance passenger protection in the event of a side impact.	COMPLY

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<p>14 ga. steel floor & sub floor structure of 10 ga. galvanized steel.</p> <p>Front & Rear end structures shall be 18 ga. steel square tubing mechanically affixed to the sub-floor & roof bows.</p> <p>Exterior side panels shall be made with 18 ga. pre-primed 5052 aluminum alloy for superior corrosion protection & paint adhesion.</p> <p>Roof panels are to be two-piece full body length, Upper side panels located immediately above side windows shall incorporate a full-length drip rail over windows.</p> <p>Interior below window to floor shall be made of embossed 22 ga. aluminum hemmed panels.</p>	COMPLY
<p><u>EMERGENCY EXITS:</u></p> <p>Emergency door shall be located at the rear center of the bus with three-point latch. Door shall be outward opening with a minimum 53"x33" clear opening with a full height stainless steel door piano hinge. Upper & lower tint door glass, header pad, buzzer, pilot light, vandal lock & telescopic retainer to hold door open shall also be included.</p>	COMPLY
<p><u>ENTRANCE DOORS:</u></p> <p>Electric operated, double leaf, outward opening entrance door, with 32"x77" minimum clear opening. Each door panel shall have a full length clear tempered window, bonded to prevent water infiltration. Include header pad & security lock.</p> <p>There shall be a bonded "more view" window with minimum 570 sq. in. unobstructed viewing area forward of the entrance door to improve driver visibility.</p> <p>Drivers left side entrance door as provided by chassis manufacturer. A running board driver's step shall also be provided.</p>	COMPLY
<p><u>FLOOR COVERING:</u></p> <p>1/2" plywood over 14-gauge steel, screwed down. Black rubber floor, smooth under seats & 3/16" ribbed in aisle & entrance steps. Steps shall have white nosing.</p> <p>Sound deadening undercoat applied to sub floor prior to plywood installation sealing all exposed edges, making floor completely weather sealed along all seams and edges.</p>	COMPLY

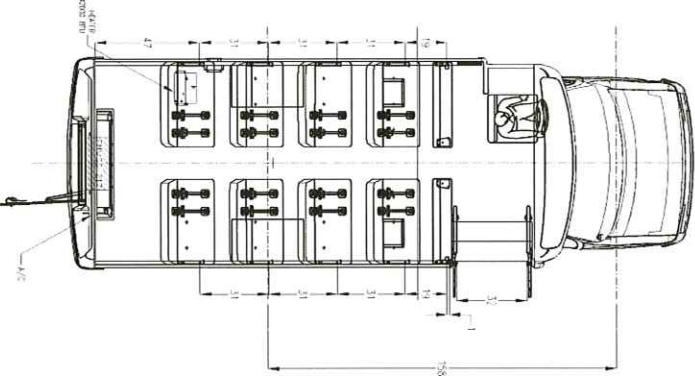
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<p><u>GLASS - BODY:</u></p> <p>Side passenger 12" clear opening split sash with black aluminum window frames.</p> <p>Rear windows on each side of emergency door to be tint with an unobstructed area of 476 sq in.</p> <p>All glass to be tempered, tinted to allow 26% light transmission. Lower window edge designed to prevent water infiltration, using Neoprene gaskets and sealant.</p>	COMPLY
<p><u>HEATER & DEFROSTER:</u></p> <p>a. Front heater & defroster system as provided by chassis manufacturer.</p> <p>b. 42k BTU rear floor mount heater.</p> <p>d. Two shut off valves for rear auxiliary heater, under body.</p>	COMPLY
<p><u>INSULATION:</u></p> <p>Roof, side walls, front & rear end caps, roof bows & stringers shall be insulated with a minimum 1.5" thick fiberglass non carcinogenic insulation material with a R value of 6 or more.</p>	COMPLY
<p><u>LIGHTING:</u> * All lighting shall meet state & federal FMVSS requirements.</p> <p>a. Headlights as provided by chassis manufacturer.</p> <p>b. Two recessed combination stop/tail lights; 4" right & left rear stop/tail lights in combination with 7" stop/tail lights with clear red LED lens.</p> <p>c. Front fender mounted directional lights as supplied by chassis manufacturer.</p> <p>d. 7" Rear amber LED directional lights.</p> <p>e. 4" Recessed LED clear back-up lights mounted below stop/tail lights.</p> <p>f. Clearance & identification lights, LED wired battery hot.</p> <p>g. Eight lamp LED warning system with individual hoods, wired battery hot.</p> <p>h. Four interior LED dome lamps ceiling located, evenly spaced, wired battery hot. Two dome lights in last row shall be wired on a separate switch.</p> <p>i. Driver's LED dome light with separate switch.</p> <p>j. LED Stepwell light mounted front of stepwell, controlled by entrance door or ignition key in "on" position.</p> <p>k. LED Entrance door light, interior ceiling mounted 15foot/candle power illuminating loading area.</p> <p>l. License plate light, LED.</p> <p>m. Required reflectors.</p>	COMPLY

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<p>n. Roof mount strobe light with pilot. o. Fog lights in front bumper area. p. Electric operated solid state stop arm with reflectorized blade & flashing LED lights & wind-guard. q. All other lighting required to meet California standards.</p>	COMPLY
<p><u>MIRRORS:</u> Interior – OEM 6" X 16", padded edges. A backup camera/mirror system shall be provided. Exterior - Mirrors shall conform to FMVSS 111 requirements. Rosco system, mounted to provide driver maximum view. Include Rosco crossview mirrors left and right. All exterior mirrors are to be heated.</p>	COMPLY
<p><u>MUD FLAPS:</u> Behind front & rear wheels, extended. Rear rubber fenders & exterior gravel shields installed on lower front of each side for additional protection from road debris to be provided.</p>	COMPLY
<p><u>PAINT & LETTERING:</u> Exterior - Yellow. Roof - White. Rub Rails - Black. Interior - White. Wheels - Yellow. Bumpers - Black. All exterior body paint to be OEM high gloss acrylic urethane. Lettering to California standards, supplied to vendor after award of bid to include district name, CA # & Unit #. 3M Diamond Grade reflectorized vinyl marking all required emergency exits.</p>	COMPLY
<p><u>RADIO:</u> AM/FM/PA radio system & minimum four (4) interior speakers.</p>	COMPLY
<p><u>RUBRAILS:</u> Minimum three (3) rubrails mounted on the body at seat, floor & bottom of skirt levels, 16 ga. steel, extending from first bow on both sides to rear corners.</p>	COMPLY

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<p><u>SAFETY EQUIPMENT:</u></p> <ul style="list-style-type: none"> a. 24-unit first aid kit. b. Fire extinguisher. c. Triangle warning devices in container. d. Sun visor, opaque. e. CHP certificate holder. f. Back-up alarm. g. Hand held stop sign and holder. h. Accessory power socket w/cap. i. Child Check safety system – EP1 (or) Equal. 	COMPLY
<p><u>SEATS (Passenger):</u></p> <p>39" LH & RH Student Safety seats designed & installed to meet all requirements of FMVSS 222. The LH & RH front seats to have one child restraint position each. Blue vinyl Fire block upholstery to be provided. All passenger seats shall have 3pt belts as required by California law. Safety barriers required in front of RH & LH front seats, upholstered to match seats. Provide aluminized modesty panel under both barriers.</p> 	COMPLY
<p><u>SEATS (Driver's):</u></p> <p>Drivers high back bucket seat as provided by chassis manufacturer. Include driver's seat belt.</p>	COMPLY S
<p><u>STEPWELL:</u></p> <p>Stepwell shall be a maximum of 10-13" from the ground with 7.5" risers.</p> <p>A stainless steel 1.25" handrail shall be provided on the left of entrance door. A second handrail to be provided on the right side of entrance to assist passengers entering the bus.</p>	COMPLY

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<p><u>UNDERCOATING/RUST PREVENTION:</u> The entire underside of the body, including but not limited to the floor, skirts, wheel housings, sub-floor structure, rear bumper mounting brackets and braces, shall be coated with rust proof material that meets the requirements of MIL-C-62218-92 REV-A for salt spray resistance, abrasion resistance and fire resistance.</p>	COMPLY
<p><u>VENTILATION:</u> Static non-closing vent installed in forward body section on roof.</p>	COMPLY
<p><u>WINDSHIELD WIPERS:</u> Intermittent windshield wipers as provided by chassis manufacturer.</p>	COMPLY
<p><u>REPAIR MANUAL:</u> Cut-away chassis owner's manual shall be provided.</p>	COMPLY
<p><u>WARRANTY:</u> Enclose a copy of bus manufacturer's limited warranty statements.</p> <p><u>Chassis:</u> Manufacturer's standard shall be provided.</p> <p><u>Body:</u> Manufacturer's standard shall be provided.</p> <ol style="list-style-type: none"> 1. Five (5) years or 100,000 miles: <ol style="list-style-type: none"> a. Body Structure (those metal components welded or riveted together forming floor, side walls, roof, front and rear sections) to be free from defects in structural integrity (i.e. breakage or cracking) including rust-through. b. School bus seat and barrier frames to be free of defects in structural integrity. 2. One (1) year or 12,000 miles: <ol style="list-style-type: none"> a. All original components not covered above, except chassis parts, wheelchair lifts, air conditioners, tires, and batteries, which are covered by each manufacturer. 	<p>COMPLY</p> <p>*See Attached Manufacturers Standard Warranty Statements</p>

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ADDITIONAL AVAILABLE OPTIONS:	*All options subject to compatibility
<p>1.) <u>Body Options:</u> *Capacity subject to change</p> <p>1a.) T-Series SRW ILO base model</p> <p>1b.) T-Series DRW ILO base model</p> <p>1c.) MBII - 4 Row SRW ILO base model</p> <p>1d.) MBII - 5 Row SRW ILO base model</p> <p>1e.) G5 - 5 Row flat floor ILO base model</p> <p>1f.) G5 – 6 Row flat floor ILO base model</p> <p>1g.) G5 – Extended cab Body ILO base model</p>	<p>Deduct \$ ^{Low Top - \$2,553} ^{Hi Top - \$797}</p> <p>Deduct \$ 91</p> <p>Deduct \$ 2,236</p> <p>Deduct \$ 888</p> <p>Add \$ 2,387</p> <p>Add \$ 4,594</p> <p>Add \$ 4,800</p>
<p>2.) <u>Electric Engine & Powertrain Package:</u></p> <p>EV Package to include fully integrated system with OEM bus provider. Batteries shall be lithium ion with nickel manganese cobalt (NMC) chemistry. Battery temperature to be maintained through an active thermal liquid cooled system, prolonging cell life. Batteries to run between the frame rails for optimal safety with manual service disconnects (MSDs) accessible & labeled for first responders. Total battery capacity must equate to 100+ mile range with demonstrated efficiency rates provided.</p> <p>Battery warranty to provide 8 years, 125,000 miles, or 160,000 kWh of gross discharge throughput, whichever occurs first, with capacity at end of warranty of at least 70% of the initial usable capacity. All electric related drivetrain components to be warrantied for 5 years or 100,000 miles.</p> <p>Bus shall be capable of AC level-2 charging with a SAE J-1772 connector and AC level-2 charging at a minimum of 50 kWh through a CCS-1 charge port, with level-3 bi-directional flow for vehicle-to-grid (V2G) capability. A variable speed noise generator to be included to warn pedestrians of the bus's approach.</p> <p>Exhaust, transmission, and other components may be modified and/or removed to satisfy the requirements of the Electric drivetrain package.</p>	<p>Add \$ 210,000</p>

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3.) <u>EV – ELECTRIC OPTIONS:</u> 3a.) J1772 Portable charging adapter - Standard 3b.) High-powered J-1772 Portable charging adapter 3c.) AC system for EV model 3d.) Heater system for EV model 3e.) Telematics portal access to receive live telematics updates on the bus – Each 1 Year Subscription (*A Multiple year subscription for multiple buses may also be purchased – multiply Add \$ cost by # of years required) 3f.) Extended EV battery capacity 3g.) <u>Software:</u> Charge management software serviced package for EV To maintain bus charging levels and minimize cost – Each 1 Year Subscription (*A Multiple year subscription for multiple Buses may also be purchased – multiply Add \$ cost by # of years required) 3h.) <u>EV Charging Stations:</u> 3h1.) AC Level-2 Charging station with pedestal 3h2.) AC Level-2 Connected charging station with pedestal 3h3.) DC Level-3 Charging station 3h4.) DC Level-3 Charging station capable of V2G Bi-directional flow 3i.) Paint bumper green (or) blue 3j.) Paint wheels green (or) blue	Add \$ 799 Add \$ 999 Add \$ 14,652 Add \$ 12,032 Add \$3,000 First year / Hardware Included \$2,000 Per year / Annual License Add \$ 35,000 Add \$4,500 First year / Hardware Included \$3,000 Per year / Annual License Add \$ 4,595 Add \$ 6,950 Add \$ See below Add \$ See below Add \$ 786 Add \$ 1,092
4.) <u>Propane Engine/Fuel Package:</u> Exhaust, transmission, and other components may be modified and/or removed to satisfy the requirements of the Propane drivetrain package. (*Requires option Ford 7.3L gas chassis)	Add \$ 25,000 4a.) Low Nox option - Add \$7,500
5.) <u>Fire suppression:</u>	5a.) Fog Maker Add \$ 4,176 5b.) Amerex Add \$ 5,400
6.) Automatic tire chains	Add \$ 4,110

October 2022 3h3.) Add \$44,950 - 50 kwh
 \$52,950 - 75 kwh
 \$62,950 - 100 kwh
 \$92,950 - 175 kwh

*Specify which system
 at time or order.

3h4.) Add \$62,950 - 75 kwh
 \$72,950 - 100 kwh
 \$99,950 - 175 kwh

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7.) <u>Wheels & Spares:</u> 7a.) OEM standard Steel wheels ILO painted yellow (4) 7b.) Aluminum wheels (4) 7c.) Spare tire & Steel wheel 7d.) Spare tire & Aluminum wheel	Deduct \$ 236 Add \$ 2,215 Add \$ 564 Add \$ 695
8.) Tire jack & tools	Add \$ 492
9.) <u>Collision Mitigation:</u> 9a.) Passive alert system 9b.) Active alert system	Add \$ 1,980 Add \$ 5,754
10.) Battery disconnect switch	Add \$ 216
11.) <u>Heaters:</u> 11a.) 20,500 BTU Floor mount 11b.) 26,000 BTU Wall mount 11c.) 41,700 BTU Wall mount	Deduct \$ 87 Add \$ 45 Add \$ 192
12.) <u>Mirrors:</u> 12a.) Heated & Remote mirrors 12b.) Delete heated only mirrors	Add \$ 809 Deduct \$ 224
13.) <u>Camera & Specialty Systems:</u> 13a.) Standard 3 head camera system, installed 13b.) Additional camera head - Each 13c.) Delete backup camera/mirror system 13d.) EP2 Child check safety system (or) equal (Standard system - Programming not included) 13e.) Zonar, Standard system installed 13f.) Z-Pass & Tablet for Zonar system 13g.) WiFi router & antenna 13h.) 12v USB power ports for each passenger 13i.) 360 Degree camera system, installed	Add \$ 3,322 Add \$ 571 Deduct \$ 299 Add \$ 635 Add \$ 1,872 Add \$ 1,134 Add \$ 1,446 Add \$ 1,594 Add \$ 3,820
14.) Delete LED 8way warning lights & Stop arm (Incandescent/Halogen provided)	Deduct \$ 788
15.) Remove Strobe light w/pilot	Deduct \$ 118
16.) Remove Fog lights	Deduct \$ 332

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17.) Remove PA from radio		Deduct \$ 101
18.) 6" driver's auxiliary fan		Add \$ 139
19.) Lo-profile roof vent/emergency hatch		Add \$ 475
20.) Acoustic headlining – full length		Add \$ 1,815
21.) <u>Floor:</u>	21a.) 5/8" treated plywood	Add \$ 930
	21b.) Dark Gray (or) Tan rubber flooring	Add \$ 461
22.) Manual operated entrance door control		Add \$ 708
23.) <u>Storage:</u>	23a.) Soft 30"Wx12"H corner luggage net	Add \$ 120
	23b.) Exterior storage compartment, locking (Some models)	Add \$ 328
24.) <u>3pt Floor Mount Seats:</u> *Capacity subject to change	24a.) 45"	Add Each \$ N/A
	24b.) 39"	Add/Deduct Each \$ 785
	24c.) 36"	Add Each \$ 749
	24d.) 30"	Add Each \$ 820
	24e.) 21"	Add Each \$ 852
25.) <u>3pt seats with "Child Restraint" positions:</u> *Capacity subject to change	25a.) 45"	Add Each \$ N/A
	25b.) 39"	Add/Deduct Each \$ 1,180
	25c.) 36"	Add Each \$ 1,257
	25d.) 30"	Add Each \$ 1,084
26.) <u>3pt Track Mounted Seats:</u> *Capacity subject to change	26a.) 45"	Add Each \$ N/A
	26b.) 39"	Add Each \$ 1,036
	26c.) 36"	Add Each \$ 926
	26d.) 30"	Add Each \$ 894
27.) <u>Fire Block Upholstery:</u> Blue, Burgundy, Brown, or Green in lieu of standard Gray		Add \$ N/C

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28.) <u>School Activity Bus:</u> *Capacity subject to change 28a.) School Activity seats w/fabric upholstery & 3pt belts 28b.) Add row of dome lights down center aisle ceiling 28c.) Front & Rear flip visors & flip signs 28d.) Delete 8way warning lights & stop arm, paint exterior white for MFSAB Multi-Function School Activity Bus (All other school bus requirements to be included)	Add Each \$1,153 Add \$ 443 Add \$ 1,218 Deduct \$ 701
29.) <u>Special Needs Equipment:</u> *Capacity subject to change 29a.) Ricon wheelchair lift & door 29b.) Braun wheelchair lift & door 29c.) L-Track wheelchair position 29d.) Left side L-Track, full length 29e.) Right side L-Track, full length 29f.) Q-Straint QRT retractable W/C tiedowns 29g.) Surelok retractable W/C tiedowns (*WC tiedown sets Include Lap & Shoulder belts)	Add \$ 15,564 Add \$ 13,398 Add Each \$ 1,050 Add \$ 1,098 Add \$ 1,098 Add Each set \$ 657 Add Each set \$ 657
30.) <u>Air Conditioning:</u> 30a.) Rear Freeblow Tie-in single compressor & OEM front 30b.) In-wall Freeblow Tie-in single compressor & OEM front 30c.) Delete dual compressor AC system on base bid 30d.) OEM dash AC only	Deduct \$ 4,904 Deduct \$ 5,686 Deduct \$ 5,946 Add \$ 598
31.) HEPA Air purifying filtration system	Add \$ 3,403
32.) <u>Chassis Options – GM:</u> *Capacity subject to change 32a.) GM 9,900# 4.3L Gas 139" WB SRW ILO base bid 32b.) GM 9,900# 6.6L Gas 139"WB SRW ILO base bid 32c.) GM 10,100# 6.6L Gas 139"WB SRW ILO base bid 32d.) GM 12,300# 6.6L Gas 139"WB DRW ILO base bid 32e.) GM 12,300# 6.6L Gas 159"WB DRW ILO base bid 32f.) GM 14,200# 6.6L Gas 159"WB DRW ILO base bid 32g.) GM 14,200 6.6L Gas 177"WB DRW ILO base bid	Deduct \$ 7,607 Deduct \$ 6,264 Deduct \$ 6,027 Deduct \$ 5,829 Deduct \$ 6,516 Deduct \$ 4,922 Add \$ Deduct \$4,109

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SPECIFICATION	BIDDER'S RESPONSE - MUST COMPLY OR STATE DEVIATIONS IN FULL
33.) Chassis Options - T-Series: *Capacity subject to change 33a.) Ford 9,070# SRW 3.5L Gas ILO base bid 33b.) Ford 9,500# SRW 3.5L Gas ILO base bid 33c.) Ford 10,360# DRW 3.5L Gas ILO base bid 33d.) Ford 11,000# DRW 3.5L Gas ILO base bid	Deduct \$ 4,426 Deduct \$ 3,411 Deduct \$ 2,444 Deduct \$ 2,022
34.) Chassis Options – Ford: *Capacity subject to change 34a.) Ford 10,050# 7.3L Gas 138"WB SRW ILO base bid 34b.) Ford 11,500# 7.3L Gas 138"WB DRW ILO base bid 34c.) Ford 12,500# 7.3L Gas 158"WB DRW ILO base bid 34d.) Ford 14,000# 7.3L Gas 158" WB DRW ILO base bid	Deduct \$ 2,273 Deduct \$ 2,073 Deduct \$ 1,602 Deduct \$ 296
35.) Limited Qty pool chassis (Subject to availability): 35a.) GM 9,000# SRW 3.7L Gas (Transit chassis)	Deduct \$ N/A
36.) Manual package	Add \$ 570
37.) Lap top for diagnostics	Add \$ 1,800
38.) Factory Extended Warranty: 38a.) 2 year limited Body parts & labor warranty 38b.) 3 year limited Body parts & labor warranty 28c.) Extend EV model warranty	Add \$ 920 Add \$ 1,280 Add \$ 15,000
39.) Tech Training Class: 39a.) 4 hour class 39b.) 8 hour class *Multiple day classes may also be purchased – multiply Add \$ cost by # of days required)	Add \$ 800 Add \$ 1,200



1900 S. Riverside Ave.
Colton CA 92324
(800) 437-5522
<https://a-zbus.com>



Brandon Bluhm
bbluhm@a-zbus.com
(909) 709-7004

Quote #21922
November 3, 2021 **2021 (or) Newer Micro Bird G5 Ford 200**

Customer:	Waterford Unified School District	Attn:
Mailing	219 N. Reinway Avenue	Phone:
Address:	Bldg. 2	Email:
	Waterford, CA 95386	

Quantity:	1	Wheelbase:	158"
GVWR:	14,500#	Transmission:	6 Speed Auto w/OD
Engine:	7.3L Ford Gas	Suspension:	Spring/Spring
Fuel Type:	Gas	Brakes:	Hyd
Fuel Port:	Standard	Upholstery:	Blue
Capacity:	24 Amb 2 CRS	WC Lift:	N/A
AC:	MCC 55K + OEM EV/RR/Wall 2 Comp Skrt		

Body Content

- | | |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <ul style="list-style-type: none"> • SCHOOL BUS YELLOW • DUAL BIN STOWAGE & 3 CUP HOLDERS • FRONT FLOOR VINYL • EXTERIOR MIRROR DELETE • FRAME PUCKS • RADIO PREPARATION/2 SPEAKERS • PANEL BELOW WINDOW - ALUMINUM • BODY WHEEL HOUSING DW G5 76" • STRUCTURAL CAGE • DECAL MICRO BIRD ENG YLW BACK • DECAL -SCHOOL BUS- • CLEAR GLASS ENTRANCE DOOR • DOD ELECT CONTROL • DECAL EMERGENCY DOOR | <ul style="list-style-type: none"> • EXTERIOR SKINS • EXT WINDOW TRIM • DOUBLE OPENING DOOR 32 IN • FORD OR GM CONSOLE FOR SWITCHES • INT & EXT FINISHING PARTS • STANDARD FRONT STRUCTURE • FLOOR STEEL GALVANIZED 14GA • ENTR GRAB LH 1¼ IN LH SS PLAIN • GLOVE COMPARTMENT • GRAVEL SHIELDS MOLDED • DRIP RAILS • HEATER HOSE ONLY (1X) • INT MIRROR 6X16 IN • PNT ROOF SKINS 0 R/H SPEAKERS STD |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

- INTERIOR FINISH STANDARD
- STANDARD LED DOME LIGHTS
- IDENTIF. & CLEARANCE LIGHTS LED
- DIRECTIONAL LED LIGHTS NO ARROW
- DEC BIRD BLACK
- STEPWELL LED LIGHT
- LICENSE PLATE LIGHT LED
- REFLECTORS REAR (4) RED-3M
- STOP & TAIL LED LIGHTS
- RR DOOR LATCH/SLIDE BAR/3 POINT
- MORE VIEW W/CLEAR GLASS TEMPERED
- PAINT EXTERIOR SCHOOL BUS YELLOW
- PAINT ROOF WHITE G5
- PLYWOOD 1/2"
- EMERGENCY EXIT AJAR BUZZER
- TELESCOPIC RETAINER REAR DOOR
- RR DOOR 2 GLASSES
- FRONT CAP SB OR COM STANDARD
- REAR CAP SB OR COM STANDARD
- REFLEC TAPE EMER/D YELLOW 3M
- RUB RAIL FLOOR LEVEL
- RUB RAIL BLACK
- RUB RAIL SEAT LEVEL
- REAR STRUCTURE STANDARD
- STANDARD FLOOR STRUCTURE
- ELEC SYS W/SOLENOID 200A
- CENTRAL SPEAKERS IN CEILING
- STATIC ROOF VENT
- WHEEL HOUSINGS STEEL
- TRIANGULAR WARNING DEVICE
- SHUT-OFF VALVE UNDER BODY(AUX HEAT)
- WHEEL TRIM BLACK
- SEQUENTIAL 8WAY SYSTEM
- WIRING SYSTEM STANDARD
- BBX TRAY SLIDES
- BBX DOOR STD
- BBX W/AUX BAT.
- "STOP WHEN RD LIGHTS FLASH" 6"DECAL
- DECAL BATTERY LOCATION
- EMER/OVERRIDE SWITCH WWSQ AND WPB
- CHILD CHECK EP1 - CA SPEC
- EXTINGUISHER 5 LBS
- HOOD OVER WARNING LAMPS (BLACK)
- INTERLOCK REAR EMER.DOOR RED LIGHT
- JOINT STRENGTH STEEL FLR C/FMVSS221
- PILOT LIGHT DASH - EMERGENCY EXITS
- MUD FLAPS
- FMVSS 210 SEAT BELT ANCHORAGE
- WINDOW TRIM PROTECTION
- G5 SIDE SKINS REINFORCEMENTS
- A/C MCC 55K+OEM EV/RR/WALL W/CON 2C
- BLACK ARROW 6IN INSIDE EMER/D
- CEW BARRIER STANDARD RIGID HI 39 /LEFT SIDE COLOR: /LVL: 1 BLU BLUE FIREBLK
- CEW BARRIER STANDARD RIGID HI 39 /RIGHT SIDE COLOR: /LVL: 1 BLU BLUE FIREBLK
- BACKING SAFETY HORN SAE 112DBA
- BACK-UP CAM W/SCREEN IN MIR ROSCO
- BLACK AROUND WARNING LAMPS DELETE
- ENTRANCE STEP RISER BLACK ZENITH
- SMOOTH BLK FLOOR W/WHITE NOSE - ZEN
- ENTR GRAB RH 1¼ IN SS PLAIN
- HEATER REAR 42000BTU
- INT FRONT SKINS REINFORCED
- INT FINITION RR W/A/C MCC 55K
- 39 IN KICK PANEL UNDER LH BARRIER
- 39 IN KICK PANEL UNDER RH BARRIER

- DOME LIGHTS ON BATTERY
- DOME LIGHTS REAR WITH SWITCH
- BACK-UP LIGHTS LED
- READING LIGHT ABOVE DRIVER LED
- LEG CEW DOUBLE
- WHITE STROBE LED LIGHT ON BATTERY
- EXTERIOR LIGHTS LED ENTRANCE DOOR
- MIRROR ROSCO SB HTD W/TIMER
- "PERMIT HOLDER" 5 IN X 9 IN
- HPADS GREY W/AC RR 55K W/RR/D
- PAINT WHEEL YELLOW
- REAR DOOR GLASS (2) DARK TINT 26%
- RUNNING BOARD LEFT ALUMIN. PAINTED
- RADIO AM/FM/CD/USB MB WITH PA
- RUB RAIL SKIRT
- SIDE SKIN SUPP & M/FLAP W/BBX & A/C
- STOP ARM SMI STOP LED/STROBE REAR
- CEW SCHOOL ICS/3PTS RIGID HI 39 /LEFT SIDE COLOR: /LVL: 1 BLU BLUE FIREBLCK /LATCH
- CEW SCHOOL ICS/3PTS RIGID HI 39 /RIGHT SIDE COLOR: /LVL: 1 BLU BLUE FIREBLCK /LATCH
- CEW SCHOOL 3PTS RIGID HI 39 /LEFT SIDE COLOR: /LVL: 1 BLU BLUE FIREBLCK /LATCH
- CEW SCHOOL 3PTS RIGID HI 39 /RIGHT SIDE COLOR: /LVL: 1 BLU BLUE FIREBLCK /LATCH
- UNDERCOATING BODY AND CHASSIS
- HEATER VALVE BLEEDER
- WIN S/S TINT 26%
- 8 WAY WIRING POWER ON BATTERY
- 2 BACK WINDOWS DARK TINT (26%)
- 8 WAYS STD LED STROBE 4 AMBER 4 RED

Chassis Content

- CHASSIS
- G5 CHASSIS BASE
- BATTERY 78 AMP-HR
- CLOTH BUCKET SEAT
- MEDIUM FLINT CLOTH INTERIOR TRIM
- DUAL REAR WHEELS
- ENGINE COOLING SYSTEM
- ENGINE OIL COOLER
- ELECTRONIC STABILITY CONTROL
- HORN DUAL NOTE
- HILL START ASSIST
- SPECIAL DEALER ACCOUNT ADJUSTMENT
- SPECIAL FLEET ACCOUNT CREDIT
- TRANSPORTATION CHARGES
- PNEUS LT225/75RX16E- DRW (HANKOOK)
- INTERMITTENT WINDSHIELD WIPERS
- REAR AXLE RATIO 4.56
- LICENSE PLATE BRACKET
- 158" WHEELBASE
- GROSS VEHICLE WEIGHT RATING 14500LBS
- 50 STATE EMISSIONS SYSTEM
- 6 SPEED OD TRANSM. W/ 6.8L GAS
- SCHOOL BUS PACKAGE E-SERIES
- GAWR FRONT 5000 LBS
- SPARE TIRE & WHEEL NOT INCLUDED
- TILT STEERING WHEEL
- AUX HEATER A/C WITH FRONT CONTROL
- FRONT DASH AIR (AIR CONDITIONING)
- DELETE PASSENGER AIR BAG
- DOOR RIGHT HAND NOT INCLUDED
- INSIDE REARVIEW MIRROR

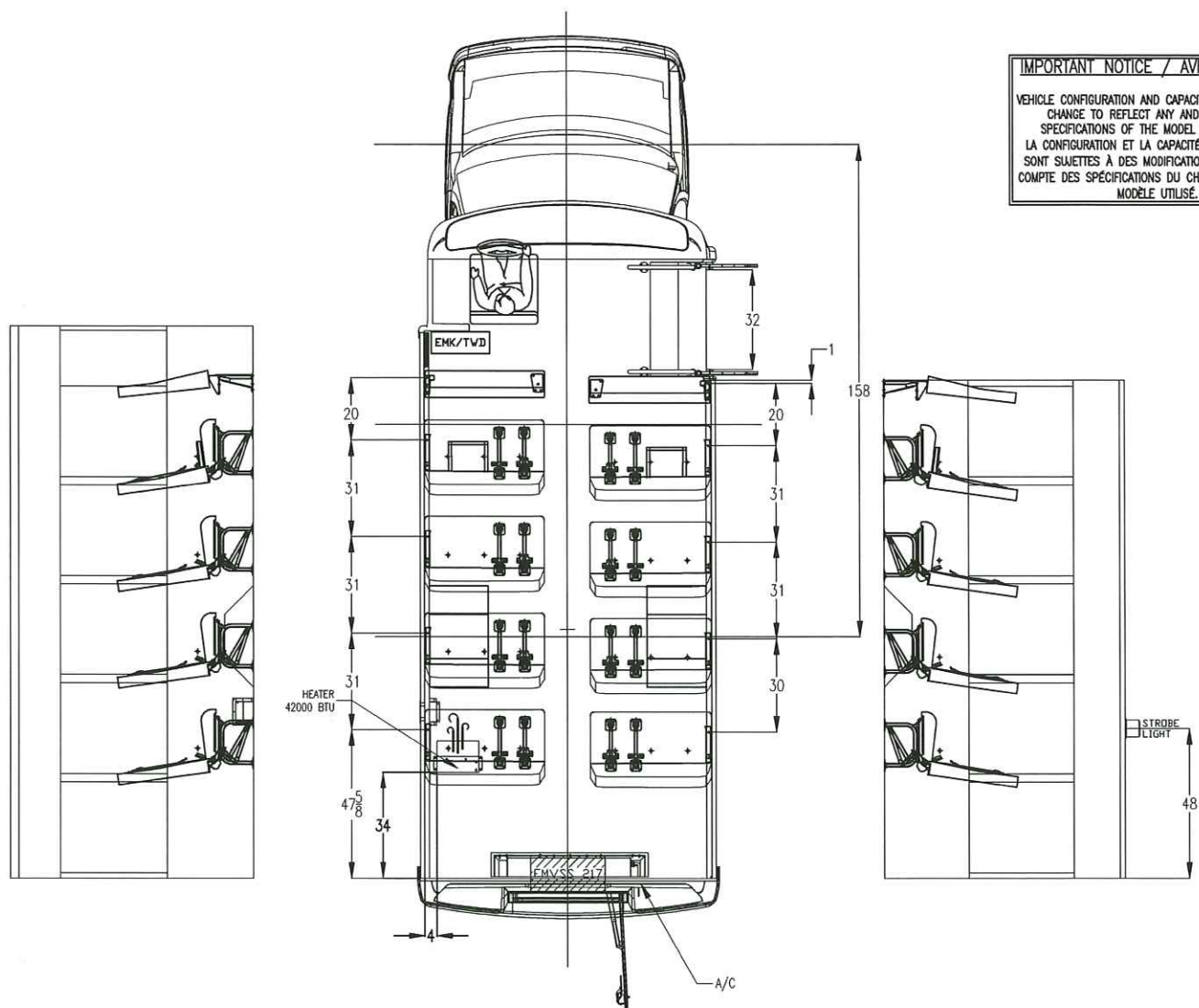
- ALT EXTRA HD 240AMPS/ 6.2L GAS ONLY
- DUAL BATTERY 78 AMP 750 CCA
- 16 X 6 WHITE STEEL WHEELS DRW
- ENGINE FUEL TANK 40 GAL (151 L)
- BLACK BUMPER AND GRILL
- REAR GAWR 9600 LBS
- 7.3L V8 PREMIUM ENGINE
- ALIGNMENT FORD

- BUMPER REAR - STEEL 3/16
- CHASSIS PREPARATION
- RELOCATE EXHAUST TO REAR
- FUEL INTEGRITY REINFORCEMENTS
- GVWR 14,500 LBS FORD
- FUEL FILLER POT
- DRIVE LINE GUARD FRONT/REAR
- EXHAUST FLUSH TO BUMPER
- 4 WHEEL DISC BRAKES WITH ABS

Dealer Added Content

- Lettering
- Hand held stop sign & holder
- FE/FAK/Decals - CA specs

- EP1 Child check safety system - CA spec
- Fog lights in front bumper area



SEAT	DIM.	SIDE	QTY
S2	39	LH	1
S3	39	LH	3
	39	RH	1
S3	39	RH	3

Seat spacing =	See drawing	D.O.D.:	32"
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APPROVED CONFIGURATIONS

Total ambulatory passengers : 24	Total wheel chair passengers : 0
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Load cap. (pass. + cargo) :	2290kg	5049lbs
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A	2021/05/31	EB	CREATION DRAWING
REV.	YYYY/MM/DD	BY	DESCRIPTION
Stock Number: _____			
Customer Approval: _____			Date: _____

Drawn by :
ERIK BOISVERT



MODEL: UFH5 2NH WSS

UNIT = INCHES

SCALE = DO NOT SCALE

Drawing no.

F02906A

NOTE: Any option added to this floorplan shall be approved by the Corporation Micro Bird Inc technical departement.