

# INVITATION TO BID

Ada City Schools  
324 W. 20<sup>th</sup> Street  
Ada, Oklahoma 74820

Mr. Mike Anderson, Superintendent – 580-310-7200

The Board of Education invites your company to bid on the following school bus(es), equipped as per these specifications.

All sealed bids must be received, no later than **3:00 p.m., Friday, May 25, 2018 at the Ada City Schools Board of Education Office, 324 West 20<sup>th</sup>; Ada, OK 74820. Bids will be opened at 3:15 p.m. on Friday, May 25, 2018 at the Ada City Schools Board of Education Office, 324 West 20<sup>th</sup>; Ada, OK 74820.**

The Board of Education reserves the right to reject any or all bids and to award the bid to the lowest and/or best bidder. Buses must meet and/or exceed the State & Federal Minimum Requirements for School Buses, in effect **for date of manufacture.**

To facilitate a comparison of all brands of school buses being bid, all bids must be submitted on this form, with exceptions to specifications listed on a separate page, if required.

## GENERAL DESCRIPTION:

**2019 Model Year, Conventional (Type C) School Bus**

**71 Passenger Capacity – Diesel Powered**

## SPECIFICATIONS:

<b>ALTERNATOR:</b>	<b>240 amp, Leece Neville, 12 volt</b>
<b>AXLES, SPRINGS &amp; SHOCK ABSORBERS:</b>	
Front axle:	12,000# rating, oil lubed bearings
Front springs:	10,000# capacity, "Softek" Parabolic tapered leaf
Rear axle:	21,000# capacity, 5.29:1 ratio, oil lubed bearings
Rear springs:	21,000# capacity, 2-Stage
Shocks absorbers:	Direct acting, front and rear
<b>BACKUP ALARM:</b>	112DB Safety alarm - operates while in reverse gear
<b>BATTERIES:</b>	Three (3), 12 volt, Group 31, 2100 cca rating, enclosed with sliding tray & locking latch
<b>BODY ELECTRIC PANEL:</b>	Exterior under driver window, with key lock
<b>BRAKE SYSTEM:</b>	<b>Hydraulic System w/ Anti-lock (ABS)</b>
	Disc type front & rear, 70MM dual system (4) pistons per caliper
	Dust Shields, Brakes, front and rear
	9" diameter x 3" wide, internal expanding, transmission mounted w/ interlock
	Front-15" x 3/16", steel – Rear -12" x 3/16", steel
<b>BUMPERS:</b>	<b>Colorado Rack &amp; Kentucky Pole Test Certified</b>
<b>CERTIFICATION:</b>	<b>Altoona Tested</b>
<b>CHILD REMINDER:</b>	<b>Doran, Sleeping Child Check System, Warning Light Activated</b>
<b>CIRCUIT PROTECTION:</b>	Manual resetting circuit breakers on body circuits
<b>COWL STEPS &amp; GRIP HANDLES:</b>	Mounted LH & RH at windshield
<b>DOORS:</b>	<b>Double Outward type with Manual Door Control</b>
<b>Entrance:</b>	Entrance door laminated glass, tinted 70% light transmittal
	3-step step-well with <b>black rubber ribbed step treads</b>
Exit:	Rear center mounted with upper/lower glass, tinted 30% light transmittal
	Retainer to hold door open
Header Pad: (Entrance & Rear Exit Door):	Black self-skinning foam
Vandal Locks:	Entrance door equipped with key lock
	Rear door equipped with sliding bolt interlock
<b>EMERGENCY EQUIPMENT:</b>	Per Oklahoma Requirements
	5lb Fire Extinguisher, First Aid Kit, Warning Devices, Body Fluid Cleanup Kit & Seatbelt Cutter
<b>EMERGENCY EXITS:</b>	
Roof Hatches:	Two (2) combination escape hatch/vents
Push-out windows:	Vertical Hinged, two (2) per side – four (4) per body

<b>ENGINE:</b>	<b>Cummins Diesel, Model B6.7L, 2017 EPA Emissions</b>	
	<b>Horsepower rating:</b>	<b>220 hp @ 2400 rpm</b>
	<b>Torque rating:</b>	<b>600 lb-ft @ 1600 rpm</b>
<b>ENGINE COOLING SYSTEM:</b>	De-aeration system with tank & sight glass Charge air & down-flow radiator mounted in tandem	
<b>ENGINE EQUIPMENT:</b>	Cummins Compleat (Blue) Antifreeze (150,000 miles, / 4000hr. service) Engine warning system, low oil pressure/high water temperature Electric block heater, 750 watt, front bumper plug-in <b>Electromagnetic fan drive, Pre-set high idle switch, Cruise Control</b>	
<b>ENGINE NOISE REDUCTION:</b>	<b>Firewall Insulation, Driver's Area</b>	
<b>EXHAUST SYSTEM (Primary):</b>	First two (2) ceiling panels (driver & 1st section): acoustic headlining Diesel Particulate Filter ( <b>DPF</b> ), Selective Catalytic Reductant ( <b>SCR</b> ) & Diesel Exhaust Fluid ( <b>DEF</b> ) Diesel Exhaust Fluid ( <b>DEF</b> ) Tank w/ <u>a capacity of 15 gal.</u> , locking access door & marked "DEF"	
<b>FLOOR COVERING:</b>	Aluminized Tailpipe exits through rear bumper Heavy Duty Black Rubber with aluminum aisle trim 5/8" plywood subflooring over steel floor, affixed with screws <b>100 gallon capacity, mounted between frame rails</b>	
<b>FUEL TANK:</b>	90GPH, 10 Micron filter, heated Water in fuel sensor & primer pump Floor mounted inspection plate, locking fuel tank access door	
	Primary fuel filter / water separator:	Speedometer, trip-odometer, tachometer, seven-digit odometer, clock, voltmeter
<b>GAUGES:</b>	Oil pressure, coolant temperature, transmission temperature, fuel gauge	
<b>GLOVE BOX / CONSOLE:</b>	Glove box - below windshield, right side w/ latch & Console mounted armrest	
<b>HEADROOM:</b>	Extra height headroom, 77 inches (6'5") at center aisle	
<b>HEATERS:</b>	Left front heater & defroster:	90,000/btu
	Right front heater & defroster:	50,000/btu
	Rear under seat heater:	80,000/btu
	Heater water booster pump:	12 volt, on/off switch
	Dual defroster fans:	Mounted upper center & upper left, 2-speed switch
<b>HOOD &amp; FENDERS:</b>	Fiberglass tilting hood & fenders	
<b>HORNS:</b>	Dual electric horns	
<b>INSULATION:</b>	Fiberglass/mineral wool, full body insulated	
<b>LETTERING:</b>	Name of school district on beltline <b>GVWR, Capacity &amp; Height - Exterior</b>	
<b>LIGHTS:</b>	Backup lights:	Two (2) clear lens, 4" -rear, <b>LED</b>
	Clearance lights:	Two (2) amber lens, grommet mount -front / Two (2) red lens, grommet mount -rear, <b>LED</b>
	Identification lights:	Three (3) amber lens, grommet mount -front / Three (3) red lens, grommet mount -rear, <b>LED</b>
	Directional lights:	Two (2) amber lens -front, fender mounted / Two (2) amber lens, 7" -rear, <b>LED</b>
	Directional lights, side:	One (1) amber lens, per side, <b>LED</b>
	Dome lights:	Two rows, mounted above passenger seats, 15-candle power Single dome light for driver's area, separate switch Doran 16-light monitor mounted in driver area
	Monitor:	<b>Exterior Light Test w/ Switch</b>
	<b>Pre-Trip:</b>	Interior, operates with door control, incandescent
	Step-well light:	Two (2) red lens, 4" & Two (2) red lens, 7" -rear, <b>LED</b>
	Stop & Tail lights:	Roof Mounted, 18" from Rear, Clear, <b>LED</b> wired to switch
	Strobe Light:	<b>Eight (8) light system, non-sequential, LED with hoods</b>
	<b>Warning lights:</b>	ROSCO, Open View (ES) Split Mirror System, 7"x10" Flat Mirror & 7"x 10" Convex Mirror
<b>MIRRORS:</b>	Exterior rearview:	Rearview exterior mirrors have black powder coated steel brackets ROSCO, Eye-Max-LP Asymmetric Shaped Mirrors Bell-Mount brackets for Cross-view Mirrors
	Exterior cross-view:	<b>All exterior mirrors are electrically heated, Rearview (exterior) are heated &amp; remote controlled</b> 6"x30" flat mirror, padded edge
	Interior rearview:	Black rubber mud flaps, front and rear Black rubber fenders at rear wheel-housing opening National School Bus Yellow with black trim <b>White</b>
<b>MUD FLAPS &amp; FENDERS:</b>		
<b>PAINT:</b>	Exterior:	<b>Two (2) year discoloration &amp; Five (5) year</b>
	<b>Exterior roof:</b>	
	<b>Warranty (Paint):</b>	
<b>adhesion</b>		
<b>PANELS:</b>	Exterior:	Side, 20-gauge Fluted, 19/3/4" Skirts Roof sheets, constructed of 20-gauge galvanized steel (window header to window header)
	Interior:	Ceiling Panels: 22-gauge steel, double-hemmed w/ rivet installation (No screws) 12 volt, mounted in switch panel, for cell phone, etc. AM-FM-MP3-USB-PA Radio with eight (8) interior speakers 3M™ reflective vinyl, yellow
<b>POWER SOCKET:</b>		
<b>RADIO:</b>		
<b>REFLECTIVE TAPE:</b>	<b>"SCHOOL BUS"</b> in 8" black letters on 3M™ yellow reflective background, Front and Rear Side & rear marker strips - marker strip surrounds each emergency exit Four (4) double-ribbed, 16-gauge steel exterior body rub rails, <b>painted black</b> DOT approved High Back School Bus Bench Seats Grey Fire Block Upholstery	
<b>RUB RAILS:</b>		
<b>SEATS:</b>	Passenger:	
	Upholstery:	

Driver: National Hi-back seat w/ mechanical pedestal & RH armrest  
Charcoal Cloth Upholstery, **Orange shoulder harness** & lap belt restraint  
**Hydraulic power, tilt & telescoping wheel**, 50 degree wheel cut  
18" octagon sign w/flashing red lights, electric, **LED**  
6.5"X30", Green plexi-glass, padded edge  
Rocker type switches w/ latching noise suppression switch

**STEERING:**  
**STOPARM:**  
**SUNVISOR:**  
**SWITCHES:**

TIRES & RIMS: Front: 11R22.5, **Tubeless Radial**, LRH, Highway tread  
Rear: 11R22.5, **Tubeless Radial**, LRH, Traction tread  
Rims: 22.5 x 8.25, 10-Stud, Hub Piloted, Disc Rims  
Dual hooks, front and rear, chassis frame mounted

TOW HOOKS:  
TRANSMISSION: **Allison Electronic Automatic, Model 2500 PTS w/SEM – TCM Programmed for Performance**  
5 speeds forward with overdrive - TranSynd® synthetic transmission fluid  
External transmission oil filter, Transmission oil cooler  
Underneath body fully undercoated

UNDERCOATING:  
**WINDOWS:** **Side, split sash:** **Tinted to allow 30% light transmittal**  
**Rear, fixed panel:** **Tinted to allow 30% light transmittal**  
**Entrance Door-& Driver Window:** **Tinted to allow 70% light transmittal**  
Two (2) piece curved, shaded

WINDSHIELD:  
safety plate  
WINDSHIELD WIPERS:  
WIRING: Chassis: Electric, intermittent speed, w/washers  
Body: Multiplex chassis wiring w/ LED readout on module  
Colored and continuously number coded in molding on top of side

windows  
WHEELBASE/TURNING RADIUS: 273" wheelbase/36'6" turning radius (wall)

**WARRANTY:** **Body & Chassis:** **Please Include Warranty Documentation**  
**Body Three Year Extended Warranty:** **Please Include Warranty Documentation**  
**Chassis Powertrain / Fuel System:** **Please Include Warranty Documentation**

TOTAL UNIT COST, FOB School: ----- \$ \_\_\_\_\_

DELIVERY TIME: -----

**Optional Equipment: (NOT Included in above Pricing):**

**1. VIDEO SURVEILLANCE SYSTEM: Gatekeeper Digital 304SD w/ two (2) lens ----- additional, per bus**  
*Note: One (1) software reader kit included*

ADD (1) additional camera lens to system: ----- additional, per system, per bus  
ADD (2) additional camera lens to system ----- additional, per system, per bus

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Dealership Representative

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BID ACCEPTED BY SCHOOL DISTRICT OFFICIAL

\_\_\_\_\_  
Date of Bid

\_\_\_\_\_  
Date of Acceptance