

# 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:

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

71 Passenger Capacity – Gasoline 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
<b>Front springs:</b>	<b>10,000# capacity, "Softek" Parabolic tapered leaf</b>
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
Parking Brake:	9" diameter x 3" wide, internal expanding, transmission mounted w/ interlock
<b>BUMPERS:</b>	Front-15" x 3/16", steel – Rear -12" x 3/16", steel
<b>CERTIFICATION:</b>	<b>Colorado Rack &amp; Kentucky Pole Test Certified</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

**ENGINE:****6.8L V-10 Engine, Gasoline Powered**

Number of Valves/Cylinders:  
 Cylinder Block Material / Cylinder Head Material:  
 Oil Capacity / Type:  
**Horsepower rating:**  
**Torque rating:**  
 Governor, Road Speed:

Three (3) Valve  
 Cast Iron / Aluminum  
 7.9L quarts / 5W-30  
**320hp @ 3900rpm**  
**460 lb-ft @ 3000rpm**

75MPH

**ENGINE COOLING SYSTEM:**

De-aeration system with tank & sight glass  
 Charge air & down-flow radiator mounted in tandem  
 -34 Degrees Fahrenheit

**ENGINE EQUIPMENT:**

Engine warning system, low oil pressure/high water temperature  
**Electromagnetic fan drive**, Pre-set high idle switch, **Cruise Control**  
 Advanced Fuel System Filtration  
 Electronically Controlled Fuel Pump  
**Firewall Insulation, Driver's Area**

**ROUSH® Clean Tech Technology:****ENGINE NOISE REDUCTION:**

First two (2) ceiling panels (driver & 1st section): acoustic headlining, Solid aft to Rear  
**Piping Catalytic Converter, Muffler and mounting hardware**  
 Tailpipe exits through rear bumper

**EXHAUST:****FLOOR COVERING:**

Heavy Duty Black Rubber with aluminum aisle trim  
 5/8" plywood subflooring over steel floor, affixed with screws

**FUEL TANK:****100 gallon capacity, mounted between frame rails****GAUGES:**

Floor mounted inspection plate, locking fuel tank access door  
 Speedometer, trip-odometer, tachometer, seven-digit odometer, clock, voltmeter  
 Oil pressure, coolant temperature, transmission temperature, fuel gauge

**GLOVE BOX / CONSOLE:**

Glove box - below windshield, right side w/ latch & Console mounted armrest  
 Extra height headroom, 77 inches (6'5") at center aisle

**HEADROOM:****HEATERS:**

Left front heater & defroster:  
 Right front heater & defroster:  
 Rear under seat heater:  
 Heater water booster pump:  
**Dual defroster fans:**

90,000/btu  
 50,000/btu  
 80,000/btu  
 12 volt, on/off switch  
 Mounted upper center & upper left, 2-speed switch  
 Fiberglass tilting hood & fenders

**HOOD & FENDERS:****HORNS:****INSULATION:****LETTERING:**

Dual electric horns  
 Fiberglass/mineral wool, full body insulated  
 Name of school district on beltline

**LIGHTS:**

Backup lights:  
 Clearance lights:  
 Identification lights:  
 Directional lights:  
 Directional lights, side:  
 Dome lights:

Two (2) amber lens, grommet mount -front / Two (2) red lens, grommet mount -rear, **LED**  
 Three (3) amber lens, grommet mount -front / Three (3) red lens, grommet mount -rear, **LED**  
 Two (2) amber lens -front, fender mounted / Two (2) amber lens, 7" -rear, **LED**  
 One (1) amber lens, per side, **LED**  
 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:****Pre-Trip:****Step-well light:****Stop & Tail lights:****Strobe Light:****Warning lights:****MIRRORS:****Exterior rearview:**

**GVWR, Capacity & Height - Exterior**  
 Two (2) clear lens, 4" -rear, **LED**  
 Interior, operates with door control, incandescent  
 Two (2) red lens, 4" & Two (2) red lens, 7" -rear, **LED**  
 Roof Mounted, 18" from Rear, Clear, **LED** wired to switch  
**Eight (8) light system, non-sequential, LED with hoods**  
 ROSCO, Open View (ES) Split Mirror System, 7"x10" Flat Mirror & 7"x 10" Convex Mirror  
 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:****All exterior mirrors are electrically heated, Rearview (exterior) are heated & remote controlled****MUD FLAPS & FENDERS:****Interior rearview:****PAINT:****Exterior:****Exterior roof:****Warranty (Paint):**

6"x30" flat mirror, padded edge  
 Black rubber mud flaps, front and rear  
 Black rubber fenders at rear wheel-housing opening  
 National School Bus Yellow with black trim  
**White**  
**Two (2) year discoloration & Five (5) year**

**adhesion****PANELS:****Exterior:**

## header)

**Interior****POWER SOCKET:****RADIO:****REFLECTIVE TAPE:**

Side, 20-gauge Fluted, 19/3/4" Skirts  
 Roof sheets, constructed of 20-gauge galvanized steel (window header to window

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

**"SCHOOL BUS"** in 8" black letters on 3M™ yellow reflective background, Front and Rear  
 Side & rear marker strips - marker strip surrounds each emergency exit

RUB RAILS: Four (4) double-ribbed, 16-gauge steel exterior body rub rails, **painted black**  
SEATS: Passenger: DOT approved High Back School Bus Bench Seats  
Upholstery: Grey Fire Block 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  
11R22.5, **Tubeless Radial**, LRH, Highway tread  
11R22.5, **Tubeless Radial**, LRH, Traction tread  
22.5 x 8.25, 10-Stud, Hub Piloted, Disc Rims  
Dual hooks, front and rear, chassis frame mounted  
**6R140 - 6 Speed Automatic, Calibrated for "Power-shift" (Performance)**  
High efficiency fluid filter and thermostatically controlled cooler circuit  
Premium Low viscosity transmission fluid  
Underneath body fully undercoated  
**Tinted to allow 30% light transmittal**  
**Tinted to allow 30% light transmittal**  
**Tinted to allow 70% light transmittal**  
Two (2) piece curved, shaded safety plate  
Electric, intermittent speed, w/washers  
Multiplex chassis wiring w/ LED readout on module  
Colored and continuously number coded in molding on top of side  
273" wheelbase/36"6" turning radius (wall)  
**Please Include Warranty Documentation**  
**Please Include Warranty Documentation**  
**Please Include Warranty Documentation**

STEERING:  
STOPARM:  
SUNVISOR:  
SWITCHES:  
TIRES & RIMS: Front:  
Rear:  
Rims:  
TOW HOOKS:  
TRANSMISSION:  
UNDERCOATING:  
WINDOWS: **Side, split sash:**  
**Rear, fixed panel:**  
**Entrance Door-& Driver Window:**  
WINDSHIELD:  
WINDSHIELD WIPERS:  
WIRING: Chassis:  
Body:  
windows  
WHEELBASE/TURNING RADIUS:  
WARRANTY: **Body & Chassis:**  
**Body Three Year Extended Warranty:**  
**Chassis Powertrain / Fuel System:**

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

\_\_\_\_\_  
Dealership Representative

\_\_\_\_\_  
BID ACCEPTED BY SCHOOL DISTRICT OFFICIAL

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

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