

**HUMBOLDT COUNTY OFFICE OF EDUCATION  
DIESEL POWERED TYPE I  
WHEELCHAIR BUS**

<b>ITEM</b>	<b>SPECIFICATION</b>
TYPE:	Type I Conventional
CAPACITY:	Variable Seating: 20 ambulatory passengers and 2 wheelchair stations
GVWR:	25,500 lbs. minimum
CHASSIS:	2017 or newer
WHEELBASE:	217" minimum
ENGINE:	Diesel, 220 HP minimum, Current Federal and State Emission Standards
TRANSMISSION:	Automatic – Allison 2500 PTS.
AXLES:	Front – 10,000 lbs minimum Rear – 19,800 lbs minimum with 5.29 ratio
ALTERNATOR:	240 amp minimum
RADIATOR:	Heavy duty, added capacity. Water coolant filter required.
STEERING:	Hydraulic power, tilt steering wheel
SHOCKS:	Heavy Duty Front & Rear
SUSPENSION:	Rear, Two stage, Vari-rated: 19,800 lb
BRAKES:	Hydraulic Brakes, Split system, full power, with four channel ABS
FUEL TANK:	60 Gallon Minimum with locking door and threaded cap
BATTERIES:	12 volt HD, include master battery disconnect switch
INSTRUMENTS:	Speedometer, odometer, fuel, voltmeter, oil pressure, engine temp, tachometer

TIRE & WHEELS 255/70R 22.5 load range H, low profile tires, yellow rims

UNDERCOATING: Full undercoating which meets federal specification TT-C-520

RADIO: AM/FM/CD, 4 speakers with antenna. PA system not required

PARCEL RACKS: Tube type ceiling mounted parcel rack located on the right (curbside) of the passenger compartment, over the first three (3) windows.

SEATING PLAN: SEAT VARIABLE:  
20 ambulatory passengers and 2 wheelchair station, wheelchair tracking to accommodate up to 4 wheelchairs stations total. First two (2) seats LH and RH seats to be floor mounted, 36" Child Restraint seats which accommodate two (2) ambulatory or two (2) child restraint passengers. All seats must include 3 pt lap/shoulder safety belts as per required by the State of CA.

BARRIERS: 36" Safety barriers are required in front of left and right front seats. Aluminized modesty panels are to be supplied on left and right front barriers. Upholstery is to match seats.

**ATTACH A COPY OF PROPOSED SEATING DIAGRAM WITH BID RESPONSE.**

L TRACK: 4 tracks, inner track to be 16" apart; outer track to be a minimum of 26" apart. (Prefer 30" spacing on outer track)

TIEDOWNS:  
Four (4) sets of 4 deluxe automatic retractors with J hooks for wheel chair securement with L-track fittings and one lap and retractable shoulder belt combo with retractable height adjustor with L-track fittings on both top and bottom. Storage pouched not required.

DRIVER'S SEAT: Air ride suspension with dual shocks, fully adjustable, vinyl upholstery

WINDOWS: Side: aluminum split sash with safety glass; all side and rear glass to be tinted.

Windshield: Flat, non-tinted laminated safety plate glass

WINDSHIELD WIPER: Two speed electric wet arm windshield wipers

DOORS:	<p>Entrance Door: Electric operated, outward opening door, key operated security lock</p> <p>Side Emergency Door: Rear and left side emergency doors to include slide bolt type vandal locks. Vandal locks to be connected to an engine interlock. Cylinder type lock not acceptable.</p> <p>Lift Door: Shall have locking device located at top of door. Engine interlock no required.</p>
WIRING:	Number coded harness, extended front to rear, enclosed in a covered channel
LIFT & EQUIPMENT:	Ricon lift meeting FMVSS 403/404 standards with cover and single door aft of the rear wheels, curb side (right side) of bus.
INSULATION:	1 ½” fiberglass insulation in roof, sides and ends, including roof bows.
BUMPERS:	Black front and rear 3/16” thick x 12” high profiled. One piece steel channel, die formed
ROOF HATCH:	One (1) low profile roof hatch located in center of bus as per FMVSS 217 Reference Specialty Pro-Lo
HORNS:	Standard provided by chassis manufacturer
MIRRORS:	<p>Interior: One interior rearview mirror, 6” x 30”, clear</p> <p>Exterior: FMVSS 111 approved, two exterior heated rearview mirrors Cross-view mirrors mounted on forward right and left side fenders also heated. Roscoe Open View Split System (or Equal)</p>
FLOORING:	<p>Flat Floor with rubber floor covering.</p> <p>Non-slip safety steps and driver’s floor area (any color)</p>
SAFETY EQUIPMENT:	<p>Two (2) approved fire extinguishers 10B:C minimum one mounted in the front and one mounted by the w/c door</p> <p>Three (3) triangular warning reflectors mounted in a box.</p> <p>24 unit first aid kit (Metal) secured without the use of Velcro or nylon straps</p> <p>Non-locking emergency equipment storage compartment over front windshield.</p>

MISCELLEANOUS:

Interior Colors: any available interior color

Seat Colors: any available color

Exterior Color: National School Bus Yellow Chrome with black rub rails

Lettering as required, including agency name, bus number and CA number

**HUMBOLDT COUNTY OFFICE OF EDUCATION  
BUS #102  
CA 48865**

One black opaque sun visor forward the driver

One Transparent sun visor for the driver's side window

Mud guards front and rear

Rear wall heater mounted on left side of bus

Driver's heater front heater with Heavy Duty defroster system

Two dual speed fans

Back up alarm wired into back up lights

Acoustical ceiling

Clearance, Cluster, Back-up Brake/Tail and Rear Directional Lights to be LED

Bus must be pressure tested for water leaks and all detected leaks must be sealed before delivery

LEGAL REQUIREMENTS:

Must meet or exceed all Federal and State specifications related to design and construction at date of construction. Must be certifiable as meeting all requirements of California school bus design, construction, and equipment requirements by the CHP.

DELIVERY TIMELINE:

To be delivered on or AFTER 7/1/17.