

**HARPER CREEK COMMUNITY SCHOOLS
INVITATION TO BID
SCHOOL BUSES**

The Board of Education of Harper Creek Community Schools requests sealed bids for one (with the possibility of up to four) school buses. All buses should be 2010 models in accordance with the following instructions and specifications.

INSTRUCTIONS

1. Buses are to be delivered no sooner than August 20, 2009.
2. We are requesting bids on one (with the possibility of up to three) 71-passenger buses, conventional type and one 65 passenger orthopedic bus (specifications attached).
3. Sealed bids will be received at the administration office on or before 1:00 p.m. EST Thursday, May 28, 2009 at which time they will be opened and publicly read.
4. Bids must be submitted to fully comply in all respect to the attached body and chassis specifications and other specified instructions, and must include all other equipment, etc., to meet safety requirements, etc., as set forth by existing recommended Michigan School Bus Standards.
5. All vehicles are to be first line models.
6. The vehicles are to be State Police inspected and approved prior to delivery and are to be delivered to the Harper Creek Community Schools' bus garage.
7. The distributor will submit bids. Stock bus bids will be accepted; however, the cost delivery must be shown separately.
8. All bids; must be sealed and clearly marked "BUS BIDS" on the face of the envelope containing the bids and are to be addressed to the attention of Carol Davis, Business Manager, Harper Creek Community Schools, 7454 B Drive N, Battle Creek, Michigan 49014.

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The Board of Education reserves the right to accept or reject any or all bids, to waive any irregularities in bidding and to refrain from accepting or rejecting any bids for a period of forty- five (45) days after the bid opening.

If additional information or clarification is needed, please direct your inquiries to: John Rocho, Transportation Supervisor, at (269) 441-6590

***NOTE:**

If there is a difference in price for purchasing more than one bus, please be sure to include that information separately

HARPER CREEK COMMUNITY SCHOOLS

BUS BIDS

2010 BODY SPECIFICATIONS

CONVENTIONAL BUS ~ 71-PASSENGER

1. Capacity of body shall be 71-passenger, 78" headroom, 12 rows of seats each side, 28" seat centers. All seats must meet DOT FMVSS 222 federal requirement and be seat belt ready. Front two seats on each side equipped with seat belts (3 each).
2. Windshield to be constructed of sun shade solex safety plate; kick out type for safety purposes. Side windows, 28% dark tint aluminum split sash; all glass shall be tempered. Entrance door to be outward opening electric.
3. Left front heater, maximum output with power defrosting to windshield and left front window sections, minimum 90,000 BTU's. Right front heater, maximum output including power defrosting to windshield, entrance door, and stepwell, minimum 50,000 BTU's. Rear under-seat, two fan heater, to be covered, minimum 84,500 BTU's. Static roof vent front center location. Master shut-off switch for all heaters.
4. Upholstery to be heavy duty Koroseal or equivalent, 52 oz. minimum, color, Brown. Driver seat to be 6-way adjustable high back with cloth insert.
5. Interior mirror shall be 10"x30" with attached Polaroid visor; front crossover mirrors shall be Rosco Mini Hawkeye, Side view mirrors shall be Rosco. All exterior mirrors to be heated. All mirrors must meet DOT FMVSS @ 111 federal requirements.
6. Windshield wipers, heavy-duty, electric multiple speed with intermittent wiper. Two defroster fans; electric two-speed. Folding windshield service steps; front and rear fender flaps; cowl service grab handles. Electric windshield washers with three-quart container and control switch.
7. Floor covering: Color Black. Aisle and entrance steps, White ribbed 3/16" rubber with Stainless steel trim molding; under seat and wheel housings, black 1/8" rubber with stainless steel trim. Waterproof 5/8" plywood floor over steel. Removable access plate through body floor to fuel tank sender shall be provided.
8. All State and Federal safety equipment.
9. Eight-light Flasher System: Per Michigan specification; roof area around flasher lights to be painted black to increase reflection. Four rear L.E.D. stop lights connected to foot brake; L.E.D. directional signals, rear connect to chassis switch system; L.E.D. cluster lights, amber front and midship, red rear; rear back-up lights. Strobe light on roof. Stop arm model, Specialty mfg. 6-Series solid state control. Octagon 18" electric, red with white "STOP" with double faced lights, 1/2" white border, or equivalent. Front crossing gate.
10. Insulation: Fiberglass batting all body sides, rear sections, and roof sections.

11. Roof bows shall be 14-gauge; side and rear panels shall be 16-gauge with rub rails. Rub rail at window line. All welded floor construction. All body components shall be bonded after fabrication and before assembly with zinc phosphate; primed with zinc chromate. All under components and side kits to be zinc galvanized.
12. Two rear tow hooks.
13. Lettering to be provided as required by state of Michigan requirement.
14. Body to be completely undercoated, including service door, and emergency door; warranty information listed.
15. Noise Abatement Package:
 - a) Ceiling panels to be perforated 20-gauge steel with 2" foam insulation panels and roof.
 - b) Insulated floor under driver, and stepwell.
16. Two roof hatches- Specialty model 9245-0200.
17. Two, two-piece push-out emergency windows (one on each side), located to meet any State and Federal guidelines.
18. Back-up alarm.
19. No student left behind warning system.
20. AM/FM stereo radio with P.A. system. Interior speakers and one outside flush mount speaker.

ANY DEVIATION FROM THE SPECIFICATIONS LISTED ABOVE
MUST BE EXPLAINED IN WRITING

The above specifications are intended to be minimum specifications. All vehicles must meet or exceed all specification requirements for school buses approved by the Michigan Department of Education and the Federal Government Department of Transportation at time of manufacture.

Optional Equipment to be priced out separately with bus price.

1. White Roof
2. Stainless Steel Stepwell

HARPER CREEK COMMUNITY SCHOOLS

BUS BIDS 2010 CHASSIS SPECIFICATIONS CONVENTIONAL ~ 71-PASSENGER

CHASSIS REQUIREMENTS

GVRW minimum 31,000 pounds; front axle, 10,000 pounds with front wheel seal oil lubricated wheel bearings; rear axle 21,000 pounds.

Wheel base minimum 276" suitable for 71-passenger body having 28" seat center. Show turning radius with bumper clearance.

1. ENGINE: minimum requirements – 2010 model with inline 6-cylinder diesel engine; gross hp210 @ 2,600 rpm, net SAE torque pound-foot 520 @ 1,600. (Engine will provide 63 mph in the highest gear at maximum load). Engine block heater 1250 watts, and early warning system.
2. BRAKES: Heavy duty Four-Wheel Hydraulic Disc. Push pull park brake. Traction control.
3. GAUGES:
 - a) Speedometer
 - b) Odometer
 - c) Ammeter
 - d) Oil Pressure
 - e) Water
 - f) Fuel
 - g) High Beam Indicator
 - h) Voltmeter
 - i) Transmission Temperature
 - j) Low Fuel Light
4. CONTROLS:
 - a) Key Starter Switch
 - b) Headlight Switch
 - c) Dimmer Switch
 - d) Hazard Signal
 - e) Intermittent Wiper Switch
5. FUEL SYSTEM
 - a) Sixty-five (65) gallon fuel tank
 - b) Heated fuel water separator
6. Power steering with tilt steering wheel
7. Two (2) deluxe diesel oil filters; two (2) quart minimum replacement cartridge or one four (4) quart replacement cartridge.
8. Front and rear heavy-duty piston type shock absorbers.
9. Two-stage progressive type rear springs; springs should be bus type, heavy-duty: Front 10,000 pounds; Rear 21,000 pounds (minimum). Ten-year warranty on rear springs.
10. Transmission: Allison PTS-2500 5 speed automatic.

11. Air cleaner shall be dry type mounted at top of engine in engine compartment to reduce possibility of contaminated air entry between cleaner and engine.
12. Chassis shall be tilting hood, cowl and fenders. Include front winter cover installed. Engine sound abatement package.
13. Front and rear tow hooks, frame mounted. Tow hooks
14. Exhaust system should be 14-gauge, aluminized steel pipe; exhaust clamps to be wide band type. Pipe hangers should be spring steel mounted in rubber. Flexible exhaust pipe is not acceptable.
15. Charging System: 185-amp alternator (minimum 12 volt).
16. Batteries shall be three (3) 12-volt heavy-duty; cold cranking amps (CCA) 650 minimum each; battery box.
17. TIRES: Front, tubeless 11R22.5, 14 ply, all weather radials; disc style hub pilot wheel; Dual rear; traction tires on one (1) piece rims. All tires are to be balanced.
18. Electric dual horns.
19. ICC Hazard switch.
20. Detailed Service and Parts Manuals or CD is to be delivered with each unit. Complete Set of Diagnostic software, and all connecting hardware, For All devices on bus including Engine, Transmission, and Anti-Lock Brakes. Plus any other equipment such as dash panel or multiplex wiring. Line set ticket and broadcast list should also be furnished.
21. Service and Michigan State Police Inspection before delivery.
22. Chassis manufacturer must supply written warranty on what is covered and for how long (years and mileage).
23. School and training for one (1) mechanic.

**ANY DEVIATION FROM THE SPECIFICATIONS LISTED ABOVE MUST BE EXPLAINED
IN WRITING**

The above specifications are intended to be minimum specifications. All vehicles must meet or exceed all specification requirements for school buses as approved by the Michigan Department of Education at time of manufacture.

HARPER CREEK COMMUNITY SCHOOLS

BUS BIDS 2010 BODY SPECIFICATIONS ORTHOPEDIC BUS ~ 65-PASSENGER

1. Capacity of body shall be 65-passenger size, 31' 2", 78" headroom. 5 rows of seats on left side, 4 of them 39" seats and back seat to be 26", 5 rows of seats right side 39", all equipped with seat belts. Three wheelchair stations left side behind driver 4 rows L track recessed in floor with full length L track above windows to accommodate shoulder harness. Two wheelchair stations right side behind lift, 4 rows L track recessed in floor with full length L track above windows to accommodate shoulder harness. Under first two seats left and first two seats right, Surlock Solo tie downs. All seats must meet DOT FMVSS 222 federal requirements. All seats to be equipped with seat belts. 5 sets of Surlock retractable tie downs. AL 700 Titan Series with left and right knobs (AL 7125-4C) deluxe retractor. Braun NL919IB lift front right mount (see attached diagram).
2. Windshield to be constructed of sun shade solex safety plate; kick out type for safety purposes. Side windows, 28% dark tint aluminum split sash; all glass shall be tempered. Entrance door to be outward opening electric.
3. Left front heater, maximum output with power defrosting to windshield and left front window sections, minimum 90,000 BTU's. Right front heater, maximum output including power defrosting to windshield, entrance door and stepwell, minimum 50,000 BTU's. Rear under-seat, two-fan heater, to be covered, minimum 84,500 BTU's. Static roof vent front center location. Master shut-off switch for all heaters.
4. Upholstery to be heavy duty Koroseal or equivalent, 52 oz. minimum, color, brown. Driver seat to be 6-way high back with cloth insert.
5. Interior mirror shall be 10" x 30" with attached Polaroid visor; front crossover mirrors shall be Rosco mini hawk-eye, side view mirrors Rosco. All exterior mirrors to be heated. All mirrors must meet DOT FMVSS 111 federal requirements.
6. Windshield wipers, heavy-duty, electric multiple speed intermittent wiper. Defroster fan, electric two-speed. Folding windshield service steps; front and rear fender flaps; cowl service grab handles. Electric windshield washers with three-quart container and control switch.
7. Flat Floor, floor covering: Color, black. Aisle and entrance steps, white ribbed 3/16" rubber with stainless steel trim molding; underseat and wheel housings, black 1/8" rubber with stainless steel trim. Waterproof 5/8" plywood floor over steel. Removable access plate through body floor to fuel tank sender shall be provided.
8. All State and Federal safety equipment.
9. Eight-light Flasher System: Per Michigan specification; roof area around flasher lights to be painted black to increase reflection; four rear L.E.D. stop lights connected to foot brake; directional signals, rear connect to chassis switch system; L.E. D. cluster lights, amber front (and midship), red rear; rear back-up lights. Strobe light on roof. Stop arm model octagon blade #450. Octagon 18" electric, red with white "STOP" with double faced lights, 1/2" white border. Front crossing gate.

10. Insulation: Fiberglass batting all body sides, rear sections and roof sections.
11. Roof bows shall be 14 gauge; all body components shall be bonded after fabrication and before assembly with zinc phosphate; primed with zinc chromate. All under components and side kits to be zinc galvanized. 16 gauge side panels.
12. Two-rear tow hooks.
13. Lettering to be provided as required by State of Michigan requirement.
14. Body to be completely undercoated, including service door, emergency door; warranty information listed.
15. Noise Abatement Package:
 - a) Ceiling panels to be perforated 20-gauge steel with 2" foam insulation panels and roof.
 - b) Insulated floor under driver, stepwell
16. Two roof hatches – specialty model 9245-0200.
17. Two, two-piece push-out emergency windows (one on each side), located to meet any State or Federal guidelines.
18. Back up warning beeper
19. AM/FM stereo radio with PA system. Four (4) interior speakers one outside flush mount speaker.
20. White roof.

Optional Equipment: Air conditioning

**ANY DEVIATION FROM THE SPECIFICATIONS LISTED ABOVE MUST BE
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HARPER CREEK COMMUNITY SCHOOLS

BUS BIDS 2010 CHASSIS SPECIFICATIONS ORTHOPEdic ~ 65-PASSENGER

CHASSIS REQUIREMENTS

GVWR minimum 29,500 pounds; front axle, 10,000 pounds; with front wheel seals, oil lubricated wheel bearings; rear axle, 19,500 pounds.

Wheel base minimum:

254" suitable for 65-passenger body having 28" seat center. Show turning radius with bumper clearance.

1. ENGINE: Minimum requirements – 2010 model with in-line 6-cylinder diesel engine; gross hp 210@ 2,600, net SAE torque pound-foot 520 – 1, 600 (engine will provide 63 mph in highest gear at maximum load). Engine block heater 1250 watts and early warning system.
2. BRAKES: Heavy duty Four-Wheel Hydraulic Disc, push pull park brake, traction control.
3. GAUGES:
 - a) Speedometer
 - b) Odometer
 - c) Ammeter
 - d) Oil Pressure
 - e) Water
 - f) Fuel
 - g) High Beam Indicator
 - h) Voltmeter
 - i) Transmission Temperature
 - j) Low Fuel Light
4. CONTROLS:
 - a) Hand Throttle
 - b) Key Starter Switch
 - c) Headlight Switch
 - d) Dimmer Switch
 - e) Hazard Signal
 - f) Intermittent Wiper Switch
5. FUEL SYSTEM:
 - a) Sixty-five (65) gallon safety fuel tank mounted in rear between frame rails
 - b) Heated fuel water separator
6. Power steering with tilt steering wheel.
7. Two (2) deluxe diesel truck oil filters; two (2) quart minimum replacement cartridge or one four (4) quart replacement cartridge.

8. Front and rear heavy-duty piston type shock absorbers.
9. Two-stage progressive type springs; springs should be bus type, heavy-duty: Front 10,000 pounds; rear 19,500 pounds. Axle with 21,000 pound air ride suspension. Bendix air compressor and ADIP air dryer.
10. Transmission: Allison PTS 2500 5 speed automatic.
11. Air cleaner shall be dry type mounted at top of engine in engine compartment to reduce possibility of contaminated air entry between cleaner and engine
12. Chassis shall be fiberglass tilting hood, cowl and fenders. Include front winter cover installed. Engine sound abatement package.
13. Front and rear, frame mounted; tow hooks, two (2) front and two (2) rear.
14. Exhaust system should be 14-gauge, aluminized steel pipe; exhaust clamps to be wide band type. Pipe hangers should be spring steel mounted in rubber. Flexible exhaust pipe is not acceptable.
15. Charging System: 185-amp alternator (minimum 12-volt)
16. Batteries shall be three (3) 12-volt heavy-duty; battery box; cold cranking amps (CCA), 650 minimum.
17. TIRES: Front, tubeless 25570 R22.5; Goodyear G169 low profile, all weather radials; 22.5 disc style hub pilot wheel; dual rear; Goodyear G164 tires one (1) piece rims. All tires are to be balanced. Quote with Goodyear tires (or equivalent).
18. Electric dual horns.
19. ICC hazard switch.
20. Detailed service and parts manual is to be delivered with each unit. Line set ticket and broadcast list should also be furnished.
21. Service and Michigan State Police inspection prior to delivery.
22. Chassis manufacturer must supply written warranty on what is covered and for how long (years and mileage).
23. School and training for one (1) mechanic.

**ANY DEVIATION FORM THE SEPCIFI ATIONS LISTED ABOVE MUST BE
EXPLAINED IN WRITING**

The above specifications are intended to be minimum specifications. All vehicles must meet or exceed all specification requirements for school based as approved by the Michigan Department of Education at time of manufacture.

RIGHT SIDE FUEL FILL OPTION CANNOT BE USED WITH THIS BODY PLAN

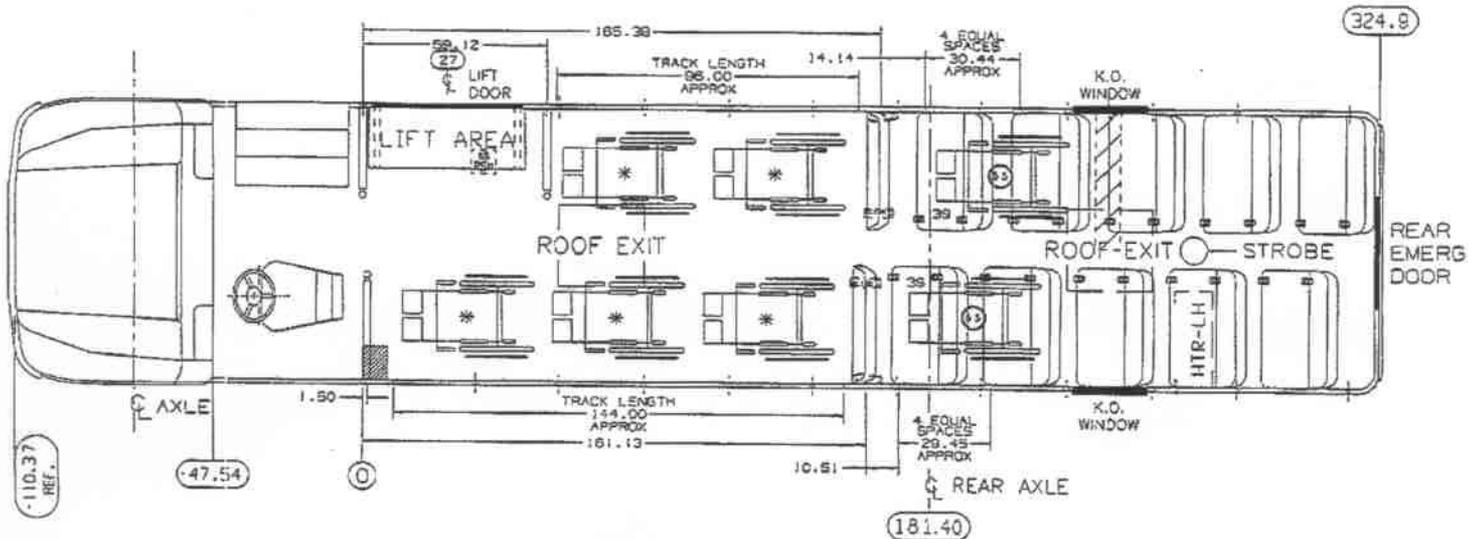
65 GAL RSW TANK OPTION WILL REDUCE SERVICEABILITY OF SEATING UNIT.

FLAT FLOOR

BODY PLAN

WHEELBASE 254"

PB10500, 31 FT. 2 IN., CAP 35, SEAT SIZE 39/39, SEAT SPACING VARIES, LIFT-FRONT, 5-WC



* 240" : TOTAL TRACK LENGTH (APPROXIMATELY)

* NOTE:
IT IS THE SELLING DEALER'S RESPONSIBILITY TO ENSURE THAT ANY WHEEL-FAIR TIE-DOWN SYSTEM SPECIFIED AND DEPICTED ON THIS DRAWING MEETS ALL DESTINATION STATE SPECIFICATIONS AND TO ALSO ENSURE THAT THE WHEELCHAIRS CAN BE PLACED AND REMOVED WITH RESPECT TO SEATS, K/O'S, SIDE EMERG DOORS, HEATERS, LIFTS, WHEELHOUSES, ETC..
POSSESSION OF THIS PRINT DOES NOT IN ANY WAY OBLIGATE IC CORP. TO BUILD THE UNIT SHOWN. NO TRACK SHOWN IS FOR REFERENCE ONLY.

THIS UNIT CONFORMS TO APPLICABLE FMVSS

THIS DRAWING IS IN ACCORDANCE WITH THE REQUIREMENTS AS SPECIFIED BY THE INTERNATIONAL TRADE ORGANIZATION (INTERCOUNTRY) AND FOLLOWING THE CUSTOMER'S ORDER.

50000/49000

REFERENCE		DOW	
LINEAR MEASURE	APPROX. MASS (NET WT)	FINISH PART	FINISH PART
ONE PLACE	ONE IN	ONE PLACE	ONE PLACE
TWO PLACE	TWO IN	TWO PLACE	TWO PLACE
THREE PLACE	THREE IN	THREE PLACE	THREE PLACE
FOUR PLACE	FOUR IN	FOUR PLACE	FOUR PLACE
FIVE PLACE	FIVE IN	FIVE PLACE	FIVE PLACE
SIX PLACE	SIX IN	SIX PLACE	SIX PLACE
SEVEN PLACE	SEVEN IN	SEVEN PLACE	SEVEN PLACE
EIGHT PLACE	EIGHT IN	EIGHT PLACE	EIGHT PLACE
NINE PLACE	NINE IN	NINE PLACE	NINE PLACE
TEN PLACE	TEN IN	TEN PLACE	TEN PLACE
BODY PLAN PB10500			
MWEST-849			