

UNITED TOWNSHIP HIGH SCHOOL

71 Passenger Gasoline Powered School Bus

New gasoline powered 71 Capacity 2019 model type "C" Conventional School Buses with integrated chassis and body built by one manufacturer. Vendors are to use THESE FORMS in submitting bids and must state compliance or detail all alternates or equals. On the line to the right of each item in these specifications, the bidder must indicate by YES that they meet this item OR must explain the alternate equipment quoted. Failure to do so will result in the School Corporation assuming the bid submitted does not meet the specifications and therefore the bid will not be considered. Bidder to supply complete printout of all equipment included for bus being bid. Please include license and title fees as well as initial Illinois school bus inspection in your price. **United Township High School reserves the right to waive any irregularities and accept or reject any and all bids at their discretion.**

Minimum Chassis Specifications

Bidder Specifications

Description:

2019 model year conventional school bus chassis

273" wheel base or equivalent

Frame and Bumpers:

Front and rear steel bumpers bolted directly to frame

Engine / Transmission:

Ford 6.8 Liter V-10 GASOLINE engine

Powered by Roush GASOLINE injection

Must meet 2015 E.P.A. standards

High idle switch

Automatic 6 speed transmission

Exhaust:

Single horizontal stainless steel to exit driver side ahead of rear axle

UNITED TOWNSHIP HIGH SCHOOL
71 Passenger Gasoline Powered School Bus

Chassis Continued

Bidder Specifications

Axle, Driveline and Suspension:

Oil lubricated front axle with synthetic fluid

8,500 lb Softek Front leaf springs

21,000 lb Rear drive axle with synthetic fluid

21,000 lb Rear leaf spring suspension

Front and rear shock absorbers

4 wheel alignment with certificate

Wheels / Tires:

Michelin
11R22.5 load range H
(front highway tread) (rear traction tread)

Black bud style disc wheels 8.25" X 22.5"

Balanced front and rear

Steering:

Tilt and telescoping

Brakes:

Hydraulic ABS front / rear split braking system

Front and rear disc brakes with Performance Friction brand rotors

Transmission mounted parking brake

UNITED TOWNSHIP HIGH SCHOOL
71 Passenger Gasoline Powered School Bus

Chassis Continued

Bidder Specifications

Electrical:

Battery disconnect switch in battery box

Dual electric horns

Cruise control

Road speed governor set at 70 mph

Alternator 270 AMP

(3) group 31 batteries rated at 2,100 CCA

Instrument cluster with: coolant temperature, transmission temperature,
oil pressure, voltmeter, tachometer, speedometer, odometer,
hour meter, fuel level, fuel economy, clock and
system warnings and alarms

Fuel System:

Locking fuel fill door

100 Gallon fuel tank located between frame rails behind rear axle

Warranty:

5 year limited warranty, include coverage document

Fuel system to be covered by 5 year unlimited mile warranty, include
coverage document

5 year / unlimited mile engine warranty, include coverage document

UNITED TOWNSHIP HIGH SCHOOL
71 Passenger Gasoline Powered School Bus

Chassis Continued

5 year / unlimited mile transmission warranty, include coverage document

Miscellaneous:

Front and rear tow hooks, frame mounted

Bidder Specifications

Minimum Body Specifications

Description:

2019 conventional

71 passenger capacity

Construction:

Minimum interior headroom of 77"

Interior ceiling panels to have acoustic perforation in two body sections

Four rubrails at window, seat, floor and skirt bottom levels

Seat rail extended around rear corners

Insulation in headers, corners, ceiling, bows, and firewall

Sound Deadening Spray Undercoating

Bidder Specifications

UNITED TOWNSHIP HIGH SCHOOL
71 Passenger Gasoline Powered School Bus

Minimum Body Continued

Bidder Specifications

Floor:

5/8" exterior grade plywood sub-floor

Heavy duty tan floor covering

Aluminum trim to cover joints

Entry steps tan, non-skid with white nosing

Doors:

Electric outward opening entry door

Keyed vandal lock for entrance door

Padded headers over all doors

Slide-bolt vandal locks for rear emergency door

Fore and aft hand grab rails in step well

Windows/Windshield:

Shaded windshield

Wet arm windshield wipers with all weather blades

Tinted glass (passenger, rear vision, and upper/lower RCED)

(2) 6" x 30" visors for driver's window and windshield

UNITED TOWNSHIP HIGH SCHOOL
71 Passenger Gasoline Powered School Bus

Minimum Body Continued

Bidder Specifications

Safety/Emergency Exits:

(2) emergency hatches with buzzers

(4) push out windows (2) per side, vertically hinged with buzzers

Driver's pilot light for emergency exits

Backing alarm 112 db

Noise cancel switch

Child check system armed with red warning lights, headlights and horn activated with 1 minute timer, disabled by button at rear of bus, system tied to dome lights

Body fluid clean up kit mounted

IL first aid kit, reflective triangles and 5LB fire extinguisher

Seating Configuration:

Left Hand: (1) 39" HB Barrier, (11) 39" HB Seats, (1) 26" HB Seat

Right Hand: (1) 39" HB Barrier, (12) 39" HB Seats

Seats and Upholstery:

Driver seat, National high back 6-way adjustable with blue cloth upholstery

Aisle side ratchet adjusting arm rest on driver seat
Seat pouch
Behind drivers seat

Modesty panel on entry side barrier

UNITED TOWNSHIP HIGH SCHOOL
71 Passenger Gasoline Powered School Bus

Minimum Body Continued

Bidder Specifications

Air Conditioning:

126,000 BTU MIN. Front & Rear Bulkhead A/C

Two Compressors

52 oz. Fire-Block upholstery on passenger seats, blue in color

Passenger shoulder pads Fire-Block upholstered

Passenger color coded seat belts for all positions **NO SEAT BELTS**

Minimum seat spacing 27.5"

Heaters and Defrosters:

(3) 6" auxiliary 2 speed fans mounted left, right and center on pivoting base

90,000 BTU main heater with full width defroster

Main heater ducted to midship

50,000 BTU stepwell heater

Rear heater 80,000 BTU mounted under seat

All heaters to have cleanable mesh filters

¼ turn valve interior and (2) exterior for water circulation

Heater booster pump mounted under hood with switch

UNITED TOWNSHIP HIGH SCHOOL
71 Passenger Gasoline Powered School Bus

Minimum Body Continued

Bidder Specifications

Lights, Electrical, and Accessories:

| | |
|--|-------|
| Halogen headlights that alternately flash with red 8-way activation | _____ |
| Driver's dome light and switch | _____ |
| Dual row dome lights with two switches | _____ |
| Rear row dome lights on separate switch | _____ |
| Shield for beltline directional | _____ |
| LED recessed ID, clearance and marker lights | _____ |
| Pre-trip exterior light check switch | _____ |
| 8-Way light system amber/red, quartz halogen with solid state flashers | _____ |
| Visors over 8-way lamps | _____ |
| Low profile strobe light | _____ |
| Electric operated stop arm with LED cluster lights | _____ |
| Electric operated crossing arm with holdback device and cancel switch | _____ |
| Battery box with slide out tray on rollers, must have key lock | _____ |
| Electrical panel outside under driver window with key lock | _____ |
| AM/FM/CD/MP3 with interior PA | _____ |
| 8 interior speakers | _____ |

UNITED TOWNSHIP HIGH SCHOOL
71 Passenger Gasoline Powered School Bus

Minimum Body Continued

Bidder Specifications

Mirrors:

Interior mirror 6X30 with padded edges

All exterior mirrors heated with automatic shut off timer

Rear view mirrors to be remote control

Cross-view mirrors to be attached to hood with use of bell mounts and fender backing plates

Paint and Lettering:

White roof, NSB yellow with black trim and white interior

Black painted rubrails

Black painted background for 8-Way lights

Body to be undercoated

3M reflective yellow tape around push out windows and hatches

3M reflective yellow tape around rear center emergency door

3M reflective yellow tape 2" on side of bus and 1-3/4" on perimeter of rear of bus

3M reflective "SCHOOL BUS" signs front and rear headers

Lettering on battery access door 2" black "BATTERY DISCONNECT"

UNITED TOWNSHIP HIGH SCHOOL
71 Passenger Gasoline Powered School Bus

Minimum Body Continued

Bidder Specifications

Warranty:

5 year limited warranty, include coverage document

5 year body paint warranty, include coverage document

Miscellaneous:

Illinois inspection sticker

All required lettering and decals; Emergency Exit signs, overall length, capacity, window stop lines, etc.

Driver's cup holder

Front and rear mud flaps

Rear rubber fenders on wheel housings

Certificate holder on front bulkhead

Driver's dash locking glove box

Driver's console mounted storage box

Barrier cover with storage pouch

Under Storage on both sides with locked doors

UNITED TOWNSHIP HIGH SCHOOL
71 Passenger Gasoline Powered School Bus

Minimum Body Continued

Bidder Specifications

Beltline Lettering and Numbering:

on both sides in 5" black letters

Bus numbers in four locations per district instructions upon order

"To Comment on Driving" decal in driver side rear vision glass with
PHONE # listed

Delivery:

Delivery to United Township High School by July 15, 2018

Include state inspection sticker, title, license, delivery and all other fees in
price quote

Distributor is responsible for ensuring that bus is "route ready" at delivery
