



Customer Quotation

Prepared For:
CLARINDA COMMUNITY SCHOOL
DISTRICT 423 EAST NODAWAY CLARINDA,
IA 51632

Prepared By :
STEVE KREINBRING
TRUCK CENTER COMPANIES
OMAHA, NE 68138

Quote Number:
384292

Quote Date:
1/24/2022

Customer Order No:
Clarinda 78EFX

Model Profile: MVP-EF 1418S

Product Type:	School Transportation
Year:	2023
Chassis Model:	EFX
Chassis MFG:	THOMAS
GVWR:	GVWR
Passenger Capacity:	78
Headroom:	78
Wheelbase:	231
Brake Type:	AIR
Engine Type:	CUMMINS B6.7 260 DIESEL, 6 Cyl, 260 HP, 2600 RPM
Fuel Type:	DIESEL
Fuel Tank Capacity:	100
Transmission Type:	AUTOMATIC
Axle, Front:	14600-lb Capacity
Axle, Rear:	23000-lb Capacity
Tires, Front:	MICHELIN 11R22.5 16(H) PLY XZE2
Tires, Rear:	MICHELIN 11R22.5 16(H) PLY XZE2
Suspension Front:	TAPER LEAF
Suspension Rear :	AIR RIDE

Includes the Following Equipment:

DEALER ADD On's EQUIPMENT
• 1 REI HD5-1200-4-500GB HDD ARMOR COATED BUMPERS

Meets all FMVSS requirements in effect at the time of manufacture.

Total for 1 complete unit(s):	\$132,900
Delivery Cost:	INCLUDED

Additional options you may want to consider: 120,000 BTU A/C SYSTEM	\$ 13,887
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Terms and Conditions:
Quote Expires: 02/28/2022

Customer Signature: _____ **Date:** _____

Dealer Signature: _____ **Date:** _____

AttachedDetail

Standard Equipment - Body:

Accessory Switch	100 amp continuous duty solenoid relay
Assist Rail	Stainless steel step rail at entrance door, left side* * Other types optional
Battery Box	Skirt mounted with slide out tray* * Other types optional
Body Panels	Exterior - 20-gauge reeded between seat rail and floor rail Interior - 22 gauge Galvalume from belt line to seat rail * Other types optional
Bumpers	Front and rear - 3/16" thick x 9 3/4" high
Circuit Protectors	Circuit breakers
Color	Exterior - high solids polyurethane Interior - high-baked enamel with flat black trim
Driver's Seat Belt	3 point lap/shoulder belt, black, 175" belt with push-button buckle
Emergency Door	Two (2) glass type located center rear with slide bar lock and buzzer signal.* Includes 4" header pad upholstered with Proform fire block material *Other types optional
Entrance Door	Outward opening.* Includes 4" header pad upholstered with Proform fire block material. * Other types optional
Fenderettes - Front and Rear	16 gauge metal flush-mounted with body side sheets
Floor	14 gauge Galvalume
Floor Covering	1/8" smooth rubber with 3/16" ribbed aisle. Steps ribbed with white nosing
Fuel Tank Opening	Exterior - spring loaded hinged door with latch Interior - access plate in floor for servicing
Guard Rails	One 4 1/4" applied below window terminating near rear corner of body One 4 1/4" applied at seat cushion level and extends around rear corners terminating near rear emergency door One 4 1/4" applied at floor level terminating near rear corner of body. Two 2 15/16" applied at roof extending length of passenger compartment
Heater	91,000 BTU mounted right at entrance door stepwell. Includes three (3) diffusers for aisle heat, one (1) large diffuser for stepwell area. Includes two (2) cut-off valves in engine compartment* and booster pump located beneath the driver's island. * Ball type optional
Insulation	2" thick thermalbonded polyester fiber in headlining, side and rear walls, R-value is 6 (nominal) Driver's Compartment - Floor is covered with 1/2" pebble grain surface, sound abatement material with open cell de-coupler. 1/2" thick sound abatement material attached to the driver's platform running from left side interior wall to the left side of engine cover and running from left side interior front panel to rear of driver's platform. 1/4" sound abatement material is attached to the interior surface of front firewall, forward the steering column. The material is 9 1/2" high from left interior wall over to the accelerator where it increases in height to 14".
Interior Mirror	6" x 30" * * Other types optional
Lettering	Vinyl block style letters
Lights	Back-up - two (2) with clear lens Cluster - Three (3) amber with protective metal shields mounted on upper front body hood Three (3) red mounted on upper rear body hood Directional - * Front - two 7" x 8" rectangular plain amber Side - two (2) plain amber Rear - two 7" round plain amber Dome - ten (10) minimum Headlights - single sealed beam Marker - two (2) front corners, rear corners, and amidship side roof Stepwell - quantity one (1) Stop/Tail - 7" plain red dual element and 4" plain red mounted one (1) left and one (1) right* * Other types optional
Maintenance Manual	Owner/operator maintenance manual including electrical troubleshooting guide
Reflectors	Eight (8) round, three (3) each side and two (2) rear
Rustproofing	Primer applied to both sides of all painted steel panels prior to assembly
Service Access Panels	Exterior Front Center hinged panel for access to radiator coolant check and fill and air cleaner indicator Left side hinged panel for access to chassis electrical access, windshield wiper motor, windshield washer bottle check and fill and brake fluid check and fill (on units equipped with hydraulic brakes) Right side hinged panel for access to windshield wiper motor and back side of stepwell heater for filter removal Exterior Electrical Access Door - Provides access to main body electrical panel, switches, and circuits Interior - Hinged access door on interior engine cover window for access to engine oil check and fill, transmission fluid check and fill, and power steering fluid check and fill
Stepwell	Three (3) steps
Storage	Compartment located over windshield with quick release latches
Sun Visor	6" x 30" mounted to windshield header* * Other types optional
Switch Panel	Mounted left of driver with rocker type switches with LED back-lighting with international symbols
Undercoating	Floor, skirts, and wheelhouses
Ventilator	Fresh air vent intake for driver's feet area operated with manual control. Static exhaust located in roof
Windows	Drivers - tempered glass with double sliding aluminum sash with latch Side - tempered glass with split aluminum sash* * Other types optional
Windshield	4-piece flat tinted safety plate laminated glass set in rubber* Two (2) assist handles and two (2) folding steps mounted on front bumper for cleaning windshield * Glare resistant band optional
Windshield Washers	One (1) gallon capacity
Windshield Wipers	Parallelogram wet arm type, 2-speed
Wiring Harness	Main body harness is color coded and numbered

Equipment in Bid- Body:

- 1 DECAL-UNITED AUTO WORKERS
- 1 STANDARD SASH MILL FINISH
- 6 LABEL - EMERGENCY EXIT, 2" BLACK, SIDE PUSHOUT WINDOW
- 1 LABEL - EMERGENCY DOOR,2" BLACK, REAR DOOR
- 1 BLACK HANDLE - EMERGENCY DOOR(S)
- 1 PAINT BLACK EYES - 3" MINIMUM
- 1 LETTERING IOWA
- 1 DECAL-"DIESEL FUEL ONLY"
- 1 LABEL-APPROVED FUEL INSTRUCTIONS
- 1 LABEL - DIESEL EXHAUST FLUID (DEF) - ENGLISH
- 1 BATTERY BOX LETTERING
- 1 LETTERING-O/H SAFETY EQUIP COMPARTMENT - EFX
- 1 LABEL - EPA EXHAUST REGENERATION
- 1 YELLOW REFLEXITE - 2", PERIMETER OF REAR BUS BODY
- 6 YELLOW REFLEXITE-PERIMETER OF PUSHOUT SASH (28.5" HIGH SASH)
- 1 YELLOW REFLEXITE - PERIMETER OF REAR EMERGENCY DOOR
- 1 YELLOW 3M "SCHOOL BUS" SIGN - FRONT HOOD - EFX
- 1 YELLOW 3M "SCHOOL BUS" SIGN - REAR HOOD
- 1 REFLECTIVE TAPE-ROOF HATCH YELLOW(2)
- 1 YELLOW REFLEXITE-2", ABOVE FLOOR LINE-BOTH SIDES OF BUS BODY
- 10 LETTERING - 2" HIGH
- 62 LETTERING - 6" HIGH
- 1 ARROW-EXT REAR EMER DR BLACK
- 1 FLOOR STEP NOSING
- 1 GRAY KOROSEAL STEP TREADS - OUTWARD OPENING ENT DOOR - EFX
- 1 STEPWELL GUARD - EFX
- 1 STAINLESS STEEL AISLE STRIPS
- 1 DARK GRAY VINYL FLOOR WITH 13" CENTER AISLE
- 1 VESTIBULE FLOOR COVERING - GRAY MARBLE,CENTER - EFX
- 1 PLYWOOD FLOOR - 5/8" THICKNESS
- 1 TINTED TEMPERED GLASS - COMPLETE - EFX
- 1 TINTED WINDSHIELD W/5" BAND - EFX
- 3 TINTED TEMPERED PUSHOUT-LEFT SIDE,VERTICAL HINGE
- 3 TINTED TEMPERED PUSHOUT-RIGHT SIDE,VERTICAL HINGE
- 1 STORM GLASS (TEMPERED) - DRIVER'S WINDOW,MILL FINISH FRAME
- 1 CLEAR TEMPERED GLASS-OUTWARD OPENING ENT DOOR, UPPER/LOWER
- 1 MOUNTING PLATES FOR P/O WDO INSTRUCTIONS & REFERRAL DECAL(S)
- 1 PASSENGER ADVISORY SYSTEM - HORN ACTIVATION - EFX
- 1 FIRE EXTINGUISHER - 5 LB.
- 1 FIRE EXTINGUISHER MOUNTING BRACKET - FRICTION TYPE
- 1 KIT - FIRST AID, 24 UNIT, COMPLIES WITH IOWA STATE SPECS
- 1 KIT - BODY FLUID CLEAN-UP, COMPLIES WITH IOWA STATE SPEC
- 1 REFLECTORIZED TRIANGLES-(3) BENEATH LAST SEAT ON LS
- 1 DRIVER'S STORAGE BOX LOCATED OVER DRIVER'S WINDOW - EF
- 1 ACCESSORY COMPARTMENT W/HINGED SOLID PANEL,EFX
- 1 SEAT BELT CUTTER - TIE TECH
- 1 TWO(2)DEFROSTER FANS MOUNTED OVER CENTER WINDSHIELD
- 1 BACKING ALARM - HEAVY DUTY - 112DB
- 1 MIRROR - INTERIOR 6" X 30" BACK UP CAMERA
- 1 GPS - ZONAR SYSTEM, EFX
- 1 POWER OUTLET - (2) USB TYPE D
- 1 PREMIUM SPEAKERS - EIGHT (8)
- 1 RADIO - AM/FM DEA700 DELPHI, TRANSIT W/PAGE
- 1 EF - ACCUSTYLE HEATED REMOTE REAR VIEW
- 1 EF - EYE-MAX HEATED CROSSVIEW MIRRORS
- 1 AIR CLUSTER LED / STROBE STOP SIGNAL
- 1 AIR STOP SIGNAL, CLUSTER LED STROBE LIGHT, REAR
- 1 BREAKERS - MANUAL RESET
- 1 SWITCH BANK - 1, 1 THRU 5
- 1 ADDITIONAL DOME LIGHTS - LED (TWO)
- 1 LED DOME LIGHTS - EFX
- 1 LIGHT - LED DRIVER'S DOME - EFX
- 1 DOME LIGHT SWITCH
- 1 REAR EMERGENCY EXIT LIGHTING (NEW JERSEY)
- 1 LED FLUSH-MOUNTED EXTERIOR AND STEPWELL LIGHT
- 1 7" LED FRONT DIRECTIONAL LIGHTS - EFX
- 1 LAMPS-STOP/TAIL/DIRECTIONAL AMBER/REVERSE LED

1 LAMPS-STOP/TAIL 4"FLUSH-MOUNT LED
 1 LAMPS-LICENSE PLATE ILLUMINATION LED
 1 SIDE DIRECTIONAL-PIN AMBER TURN,CEBTER FRONT WHEEL
 1 STROBE LGT(S) OPERATIONS W/IGNITION&SWITCH
 1 LED WARNING LIGHTS - STROBE,FOUR(4)AMBER & FOUR (4) RED LENS
 1 HALOGEN 8-LIGHT WARNING SYSTEM
 1 MARKER/ID LAMPS - LED PIN TYPE
 1 MID-MARKER LAMPS - LED PIN TYPE
 1 STROBE-ECCO 7460CC REAR HOOD CLEAR
 1 REFLECTORS FRONT
 1 ENGINE HEATER RECEPTACLE-RS FRONT AT ENTRANCE DOOR
 1 SWITCH - ENTRANCE DOOR, THREE POSITION
 1 NOISE SUPPRESSION SWITCH WITH MOMENTARY SWITCH
 1 HEATER - LEFT SIDE, 15,000 BTU
 1 CONSTANT TORQUE CLAMPS - STANDARD HEATER
 1 GROCO CENTRIFUGAL BOOSTER PUMP
 1 HEATER SHUT-OFF VALVES - BALL TYPE - ENGINE COMPARTMENT
 1 84,000 BTU HEATER - 5TH SECTION LEFT SIDE
 1 84,000 BTU HEATER - 11TH SECTION LEFT SIDE
 1 PARALLEL HEATER CONNECTION - REAR HEATERS TWO(2)
 1 CONSTANT TORQUE CLAMPS - TWO (2) REAR UNDERSEAT HEATERS
 1 GATES BLUE STRIPE HEATER HOSE - RIGHT FRONT HEATER
 1 HEATER HOSE - GATES BLUE STRIPE, REAR HEATER
 1 AIR DOOR CONTROLLER WITH 3 POSITION SWITCH
 1 EXTERIOR DOOR HANDLE
 1 AIR OPERATED ENTRANCE DOOR W/VANDALOCK
 1 141828_N
 1 RIGHT SIDE DOOR - NONE
 1 LEFT SIDE DOOR - NONE
 1 VANDALOCK - REAR EMERGENCY DOOR WITH INTERLOCK & BARREL BOLT
 1 CYLINDER LOCK - LUGGAGE COMPARTMENTS
 1 LATCH-LOCK DEF ACCESS DOOR
 1 STRAP HINGES REAR EMERGENCY DOOR
 1 HATCH-RF ESC SPEC ADVANTAGE H1976-025-111 ENGLISH GRAY (2)
 1 78" HEADROOM
 1 SPECIAL URETHANE FOAM INSULATION
 1 POLYESTER INSULATION - RAFTER CAVITIES
 1 ACOUSTIC HEADLINING - COMPLETE
 1 THUMB LATCH - FUEL FILLER DOOR
 1 20 GAUGE SMOOTH SIDE SHEETS
 1 BOTTOM RAIL
 1 EXTENDED REAR WINDOW RAILS
 1 CORROSION RESISTANT SEALER, REAR DOOR
 1 BRACKET - MOUNTING, LICENSE PLATE, FRONT
 1 WINTERFRONT, EFX
 1 PROP ROD - ACCESS DOOR ABOVE WINDSHIELD, EFX
 1 SEALING, EXTERIOR JOINT EDGE
 1 SEALANT - PLYWOOD FLOOR EDGES
 1 MUD FLAPS - REAR, RUBBER, 22" WIDE WITH LOGO
 1 MUD FLAPS - FRONT, RUBBER, 15"W WITH LOGO
 1 TOW HOOKS - TWO (2)
 1 MAR-PROOF WALLS
 1 PADDED RAILS - BLACK FIRE BLOCK UPHOLSTERY
 1 EXTRA ASSIST RAIL, R/S - MANUAL DOOR
 1 STATIC VENT FRONT - TRANSIT, STANDARD
 1 LABEL - U.S. CERTIFICATION
 1 LUGGAGE COMPARTMENT - SIDE MOUNT LS 100"
 1 LUGGAGE COMPARTMENT - SIDE MOUNT RS 100"
 1 BATTERY HOLD DOWN BRACKET - STANDARD 3 BATTERY
 1 BATTERY BOX INSULATION - SMALL BOX
 1 BATTERY BOX - STANDARD
 1 APPLICATION - SCHOOL
 1 SEAT BELT - DRIVERS SEAT
 1 BARRIER STORAGE POUCH, LEFT SIDE BEHIND DRIVER
 1 KICK PLATE/MODESTY PANEL-39"VERT, WALL-MTD BARRIER,RT SIDE
 1 KICK PLATE/MODESTY PANEL-39"VERT, WALL-MTD BARRIER,LT SIDE
 1 39" BARR-VERT,WALL MT 45"H RS 2009
 1 39"8DEG BARR-REV. WALL-MT 45"H 2009
 2 PROFORM EDO GRAY UPHOLSTERY-45"HIGH RECESSED BARRIER

- 1 TINT TEMP GLASS-COMP (28.5")
- 2 TINT TEMP GLASS-COMP(28.5")+10
- 1 WINDOW STOPS (12")
- 1 DECAL-BATTERY DISCONNECT
- 1 PAINT-EXT WDO AREA SAME AS BODY
- 1 PAINT-EXT GRD RAIL @ WINDOW BLACK
- 1 PAINT-EXT GRD RAIL @ SEAT BLACK
- 1 PAINT-EXT GRD RAIL @ FLOOR BLACK
- 1 PAINT-EXT GRD RAIL @ SKRT BLACK
- 1 PAINT-EXT BUMPERS FRT/RR BLACK
- 1 PAINT-SOLID COLOR YELLOW
- 1 LABEL-GHG CERTIFICATION ENGLISH
- 1 BACK-NATIONAL DRV'S SEAT
- 1 ARMREST NATIONAL DRVR'S ST. BOTH SIDES
- 1 UPH DR.ST.FABRIC BLK NATIONAL
- 1 PEDESTAL-NATIONAL AIR W/2 SHOCKS
- 1 COVER PEDASTAL NATIONAL NONE
- 1 SLIDE STOP NATIONAL DR.ST. NONE
- 1 RETAINER NATIONAL DR.ST.BELT
- 1 POUCH-DR.ST.STORAGE NONE
- 1 RISER-DRIVERS SEAT, NATIONAL NONE
- 26 FIREBLOCK GREY UPHOLSTERY - IMMI PASSENGER SEAT
- 13 IMMI FLEXPLUS 39"LS WALL SHOULDER/LAP BELTS
- 13 IMMI FLEXPLUS 39"RS WALL SHOULDER/LAP BELTS
- 28 IMMI FLEXPLUS WALL MOUNT ON TRANSIT

Standard Equipment - Chassis:

Air Cleaner	Donaldson, replaceable, single stage with progressive locking air restriction indicator
Axles	Front - 13,200 lb. axle rating. I-beam type with reverse Elliott steering knuckles and greasable tierod ends* * Other types optional
Batteries	Dual 12-volt low maintenance, BCI group 31 with 760 cold cranking amps per battery and 170 minutes reserve capacity per battery at 80° F* * Other types optional
Brakes	Service - Dual "S" cam type air brake system with 24 sq. in front chamber and 30 sq. in. rear chamber. Includes automatic slack adjuster Front brake - 16 1/2" x 5" x 3/4"* Rear brake - 16 1/2" x 7" x 3/4"* * Other types optional Parking - dash mounted control valve with spring set release Air Compressor - gear driven Air Reservoirs - one (1) wet tank at 1500 cu. in., two (2) dry tanks at 3000 cu. in. with manual drain valve on each tank
Cooling System	690 sq-in downflow radiator
Electrical Controls and Instruments	Dash Mounted Directional signals indicator lamp Dual reading gauges - US Primary/Metric Secondary Engine coolant temperature gauge Fuel level gauge Headlight switch High/low beam indicator Ignition key operated engine shutoff Low air pressure warning light (air brake only) Oil pressure gauge Speedometer/odometer - 7 digit (including 10ths) Voltmeter Steering Column Mounted Self-canceling combination turn signal High beam switch Horn Four-way flasher
Electrical System	Master Fuse Junction Block with (2) 175 amp fuses and (1) 150 amp fuse
Exhaust System	4" aluminized steel exhaust pipe terminating at the left side of the vehicle at the rear of the bus * Other locations optional
Frame	Main frame 10" x 3" x 1/4", Yield strength - 50,000 psi
Fuel System	60 gallon diesel tank mounted between the rails. Includes an unheated fuel/water separator.* * Other types optional
Horn	Dual electric
Oil Filter	Full flow, spin-on
Shock Absorbers	Front - two (2) hydraulic, direct acting double action Rear - two (2) hydraulic, direct acting, double action
Springs	Front - 3 1/2" x 56" multi-leaf Rear - 3" x 56" double slipper variable rate radius leaf
Steering	18", 2-spoke steering wheel with fixed column * Tilt-Telescoping steering column optional * Douglas 900 series with 20.4:1 ratio * TRW model TAS65 20.4.1 ratio
Wiring	Color coded and numbered

Equipment in Bid - Chassis:

- 1 SCHRAEDER VALVE LOCATED IN ENGINE COMPARTMENT (5,K)
- 1 AUTOMATIC AIR TANK DRAIN - HEATED,EF
- 1 AIR DRYER-BENDIX AD9 W/HEATER CUMMINS ISB-200 2013 EPA
- 1 AIR ACCESSORY SYSTEM (MVP-EF EQUIPPED WITH AIR BRAKES)
- 1 DET FRONT AXLE - 14,600 LB. VS. STANDARD
- 1 LEECE-NEVILLE 240 AMP ALTERNATOR CUMMINS-ISB (EF)
- 1 AXLE - REAR, DET 23K, 5.22 RATIO
- 1 TRIPLE 12-VOLT BATTERIES CUMMINS ISB EFX - 2013 EPA
- 1 CIRCUIT BREAKERS-MANUAL RESET - MVP-EF
- 1 HEAVY DUTY AIR BRAKES - 8 5/8 REAR BRAKES, 6 FRONT BRAKES
- 1 ANTILOCK BRAKES(AIR)-MERITOR/WABCO FOR REAR AXLE (8)
- 1 ELECTRONIC STABILITY CONTROL - EFX AIR BRAKES
- 1 CUMMINS TURBO BRAKE - NONE
- 1 HALDEX SLACK ADJUSTORS (HDX)
- 1 MERITOR 16.5 X 6, PLATINUM SHIELD BRAKE SHOES, FRONT
- 1 MERITOR 16.5 X 8 5/8 PLATINUM SHIELD BRAKE SHOES, REAR
- 1 DUST SHIELDS - 6 FRONT BRAKES FOR AIR BRAKES - MERITOR
- 1 DUST SHIELDS - 8 5/8 REAR BRAKES FOR AIR BRAKES - MERITOR
- 1 CRUISE CONTROL - CUMMINS ISB ENGINE
- 1 VEHICLE SPEED LIMITING(75 MILES PER HOUR SETTING)
- 1 COOLANT RECOVERY BOTTLE - MVP-EF
- 1 FUEL/WATER SEPARATOR WITH HEATER - EFX, CUMMINS ISB
- 1 WATER FILTER CUMMINS ISB-260 2013 EPA
- 1 BLOCK HEATER - 750 WATT, 120 VOLT (CUMMINS ISB'02)
- 1 6' BLOCK HEATER ELECTRIC CORD - FRONT/REAR RECEPTACLE
- 1 SILICONE HOSES & CT HOSE CLAMPS CUMMINS ISB EFX - 2013 EPA
- 1 EXHAUST SECTION UNDER RAIL - STAINLESS STEEL
- 1 CUMMINS B6.7-260 ENGINE (EFX) 2013 EPA
- 1 100 GALLON FUEL TANK BETWEEN THE RAILS
- 1 TOW HOOKS, FRONT - TWO (2)
- 1 163 3/8 REAR FRAME OVERHANG
- 1 SOLID STATE ELECTRONIC FLASHER FOR HAZARD LIGHTS
- 1 TWO WAY RADIO PREP POWER LEAD
- 1 HEADLIGHTS IGNITION ACTIVATION
- 1 SYNTHETIC LUBE STD W/AXLE
- 1 SYNTHETIC LUBE STANDARD W/FRONT AXLE
- 1 LABEL/DECAL FOR RADIATOR OVERFLOW BOTTLE - COOLANT ONLY
- 1 FREIGHTLINER AIRLINER RR SUSPENSION-8 5/8 BRAKES,23K LBS
- 6 MICHELIN 11R22.5 16(H) PLY XZE2
- 1 TIRE BALANCING
- 1 NON LEAD TIRE WEIGHT
- 1 MODEL YEAR 2022
- 1 EFX CHASSIS ADJUSTMENT
- 1 PARKING BRAKE INTERLOCK
- 1 ALLISON 2500PTS SERIES TRANSMISSION CUMMINS ISB-260 2013 EPA
- 1 ALLISON FUEL SENSE - NONE
- 6 DISC WHEEL - 8.25 X 22.5, 5H (BLACK)
- 1 HUB-PILOTED WHEEL EQUIPMENT - 23,000 LB AXLE

WARRANTY

BASE: ONE YEAR

ENGINE: FIVE YEAR/ 100,000 MILES

TRANSMISSIO: FIVE YEAR/ UNLIMITED

AXLES: FIVE YEAR/ UNLIMITED

VENDOR SUPPLIED: ONE, TWO AND FIVE YEAR

CLARINDA COMMUNITY SCHOOL DISTRICT
2022-2023 SCHOOL BUS BID SPECIFICATIONS
TRANSIT FE BODY STYLE SCHOOL BUS
84 PASSENGER BODY SIZE WITH 78 PASSENGER SEAT PLAN

	COMPLIANCE YES or NO
1 273" WHEEL BASE	231"
2 CUMMINS ISB 280 HP DIESEL ENGINE WITH 5 YEAR WARRANTY	260 HP
3 ALLISON PTS2500 TRANSMISSION, 5YR WARRANTY	YES
4 TILT & TELESCOPING POWER STEERING	YES
5 AIR BRAKES - INCLUDE DUST SHIELDS	YES
6 11R22.5 ALL (6) MICHELIN XZE2 LRH TIRES	YES
7 HUB PILOTED RIMS (10 HOLE DISC 8.25" x 22.5")	YES
8 14600# FRONT AXLE MINIMUM	YES
9 FRONT AIR RIDE SUSPENSION MINIMUM	SPRING
10 23,000# REAR AXLE MINIMUM	YES
11 REAR AIR RIDE SUSPENSION MINIMUM	YES
12 240 AMP ALTERNATOR MINIMUM	YES
13 BLACK STEEL RIMS, 8.25 x 22.5	YES
14 A.R.M.O.R. COATED BUMPERS	YES
15 750 WATT BLOCK HEATER MINIMUM	YES
16 ELECTRONIC THROTTLE & CRUISE CONTROL	YES
17 (3) GROUP 31 BATTERIES 700 CCA ea (2100 CCA TOTAL)	YES
18 BATTERY DISCONNECT SWITCH	YES
19 AMMETER AND VOLTMETER	YES
20 ELECTRONIC STABILITY CONTROL	YES
21 (2) FRONT TOW HOOKS & (2) REAR TOW HOOKS	YES
22 100 GALLON FUEL TANK MOUNTED BETWEEN FRAME RAILS	YES
23 5/8" TREATED PLYWOOD FLOOR SCREWED DOWN	YES
24 77" HEAD ROOM MINIMUM	YES

25 MINERAL WOOL INSULATION: 2"	<u>POLYESTER</u>
26 MUD FLAPS IN FRONT & REAR	<u>YES</u>
27 DRIVER SEAT: AIR RIDE, HI-BACK SEAT RH SIDE FOLDING ARMREST	<u>YES</u>
28 BELTED SEATS	<u>YES</u>
29 BURGUNDY HD FIREBLOCKER SEAT COVERS	<u>GRAY, GREEN, BLUE, BROWN</u>
30 GRAY RUBBER FLOORING	<u>YES</u>
31 UNDERCOATING: COMPLETE UNDER BODY	<u>YES</u>
32 VANDAL LOCKS, FRONT & REAR	<u>YES</u>
33 2 SPHEROS ROOF HATCHES	<u>SPECIALTY</u>
34 PUSH OUT WINDOWS TO MEET STATE CODE	<u>YES</u>
35 ACOUSTIC CEILING TO RUN FULL LENGTH OF BUS	<u>YES</u>
36 INTERMITTENT WINDSHIELD WIPERS	<u>YES</u>
37 HIGH PROFILE STROBE LIGHT (4" MINIMUM)	<u>YES</u>
38 RADIO: AM-FM-PA-MP3- USB & 8 SPEAKERS	<u>YES</u>
39 12 VOLT ACCESSORY POWER SOCKET	<u>YES</u>
40 BACK UP ALARM	<u>YES</u>
41 MAXIMUM LUGGAGE IN MIDDLE AND REAR WITH 93.5 CU FT MINIMUM	<u>78</u>
42 (2) DOOR SHOCKS ON EACH LUGGAGE DOOR	<u>YES</u>
43 WRITTEN EXPLANATION OF WARRANTY COVERAGE	<u>YES</u>
44 FOUR PRECUT KEYS	<u>YES</u>
45 ROSCO 6x30 DRIVER MIRROR w/ BACKUP CAMERA	<u>YES</u>
46 OPEN SPLIT VIEW (DOUBLE NICKEL) HEATED MIRRORS	<u>YES</u>
47 ROSCO EYE-MAX LED CROSS VIEW MIRRORS	<u>NOT LED</u>
48 ENTRANCE DOOR: AIR POWERED WITH 3-POSITION SWITCH	<u>YES</u>
49 STORM GLASS WINDOWS TO MEET IOWA MINIMUM SPECIFICATIONS	<u>YES</u>

50 HEATING SYSTEM:

- 90,000 BTU LH FRONT:
- 12,000 RH FRONT:
- 80,000 LH MID SHIP:
- 80,000 BTU LH REAR:
- HEATER BOOSTER PUMP

YES

YES

YES

YES

YES

51 ALL LETTERING AND NUMBERS TO BE 3M DIAMOND GRADE

NOT 3M

52 SEAT SPACING MINIMUM REQUIREMENTS:

- LEFT SIDE: 28.53"
- RIGHT SIDE: 28.46"
- KNEE CLEARANCE LEFT SIDE: 26.03"
- KNEE CLEARANCE RIGHT SIDE: 25.96"
- MUST PROVIDE SEAT PLAN

YES

YES

YES

YES

YES

53 LED LIGHTS REQUIRED:

- LED 8-WAYS
- LED BRAKE LIGHTS
- LED TAIL LIGHTS
- LED BACK UP LIGHTS
- LED TURN SIGNALS (FRONT/REAR/SIDES)
- LED LICENSE PLATE LAMPS
- LED CLEARANCE LIGHTS
- LED MARKER LIGHTS
- LED BOARDING LIGHT
- LED ENTRANCE STEPS LIGHT
- LED DUAL ROW DOME LIGHTS

YES

YES

YES

YES

YES

YES

YES

YES

YES

YES

YES

54 SEE II AIR FOIL

YES

55 CAMERA REQUIREMENTS:

- REI HD5-1200w-4-500
- REI EVENT MARKER

YES

YES

56 BODY SHALL BE SCHOOL "BUS YELLOW" WITH BLACK TRIM AND BUMPERS

YES

57 DUAL AIR POWERED STOP ARMS

YES

PRICE INCLUDING DELIVERY:	<u>\$132,900</u>
TRADE IN VALUE FOR:	<u>N/A</u>
NET PRICE INCLUDING TRADE IN:	<u>\$132,900</u>

BIDDER INFORMATION:	
COMPANY NAME	<u>TRUCK CENTER COMPANIES</u>
STREET ADDRESS	<u>1208 31st AVENUE</u>
CITY, STATE ZIP	<u>COUNCIL BLUFFS, IA 51501</u>
ESTIMATED TIME FOR DELIVERY:	<u>240 DAYS</u>

ADDITIONAL ADD-ON OPTIONS:	PRICE:
ROOF MOUNT AC CONDENSERS AND UPGRADE ALTERNATOR TO 350 AMP	<u>\$13,887</u>

Technical drawing of a vehicle interior layout, showing a side view of the seating area. The layout includes a front row of seats, a middle row of seats, and a rear row of seats. The front row is labeled "SEAT" and "SEAT". The middle row is labeled "EMERGENCY EXIT" and "EMERGENCY EXIT". The rear row is labeled "SEAT" and "SEAT". The drawing also shows the front and rear wheels, the front and rear doors, and the front and rear seats. Dimensions are indicated: 80.0 for the front wheel, 69.5 for the front door, and 80.0 for the rear wheel. The drawing is oriented vertically, with the front of the vehicle at the top.

Diagram illustrating the height specifications for a school bus:

- MAXIMUM HEIGHT (SEE NOTE 6)**: 176.0 \pm
- NOMINAL HEIGHT (SEE NOTE 5)**: 125.0 \pm

GENERAL NOTES

1. SOME ITEMS, SUCH AS CY MIRRORS, ROPE UGLAGE BARS, AND OTHER ITEMS, ARE SHOWN IN ONE VIEW.
2. THIS DRAWING IS A REPRESENTATION ONLY AND MAY NOT BE USED TO ORDER.
3. THE CLEARANCE BETWEEN BOTTOM OF BUS ON BOTTOM OF BELT LINE AND BELT LINE MUST BE 1/2" MIN. AND VARY ACCORDING TO THE SIZE OF BUS AND THE SUSPENSION TYPE.
4. MAX IS 5"
5. THE MAXIMUM BUS HEIGHT IS BASED ON A STANDARD 6" BELT LINE.
6. THE MAXIMUM BUS HEIGHT IS BASED ON BODY WITH OPTIONS SUCH AS AIR LINES, STROBE LIGHT.
7. OVERALL BUS HEIGHT DIMENSION DOES NOT TAKE INTO ACCOUNT THE BUS MOUNTS AND THE TOTAL HEIGHT OF THE BUS MOUNTS AND MOUNTING LIGHTS AND CROSSING ARMS.

DEATH OF THE BOY, SUCH AS MINORCA, BORN IS
AND CROSSING ARMS.

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THOMAS BUILT BUSES, INC.
HIGH POINT, NC

TITLE
PLAN AND ELEVATION

BOD 14185

DRN:11-02-20	BY:T. Dean	SIZE	DWG. NO.
SCALE: 2/8"=1'-0"		S	8.31504

SCALE 2/8"=1'

831504