

NEW LONDON LOCAL SCHOOLS
SCHOOL BUS PURCHASING PROGRAM
2019 BID SPEC. LIST

Bid price as specified without options as per Federal and State of Ohio Department of Education minimum school bus specifications under 4501-5 (inclusive) ORC. All bids will comply with the current safety regulations of the Department of Education adopted by and with the advice and consent of the director of public safety pursuant to section 4511.76 of the Revised Code and all other pertinent provisions of law. The body/chassis supplier shall provide and attach a complete body/chassis specification sheet itemizing- including manufacturer brand names of the State of Ohio Department of Education minimum school bus body/chassis that will be supplied at this base bid. Must meet or exceed FMVSS/CMVSS standards.

By signing this specification, you guarantee that the equipment being bid meets all state specifications

New London Local Schools _____ District 419.929.9559 Phone Number _____

Daniel D. Bailey - Transportation Supv. Contact Person

dbailey@newlondon.k12.oh.us

****Vendor List base price****

(Includes freight)

Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
Bus Make		x	x	
Bus Model		x	x	
Base Bid Price		x	x	
Maximum Vehicle Length Bumper to Bumper (inches)		x	x	
Maximum Vehicle Width Including Mirrors (inches)				
Maximum Vehicle Width Excluding Mirrors (inches)				
GVWR		x	x	
Maximum Vehicle Height Overall at GVWR Including Hatch (inches)				
Maximum Height of First Step (inches)				
Wheelbase (inches)		x	x	
Delivery Days		x	x	
Special discounts		x	x	
Important Notice: On all items below vendor must mark standard (Std), list additional price to base, list duplicated or mark N/A.				

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
BUS SIZE (CONVENTIONAL)		71/72	77/78	Price if Same for All Sizes
1 ENGINES AND TRANSMISSIONS AVAILABLE				
2 Cummins B6.7 200HP 520 lb-ft torque/Allison 2500PTS SCR				
3 Cummins B6.7 200HP 520 lb-ft torque/Allison 2550PTS SCR				
4 Cummins B6.7 200HP 520 lb-ft torque/Eaton Procision SCR				
5 Cummins B6.7 220HP 520 lb-ft torque/Allison 2500PTS SCR				
6 Cummins B6.7 220HP 520 lb-ft torque/Allison 2550PTS SCR				
7 Cummins B6.7 220HP 520 lb-ft torque/Eaton Procision SCR				
8 Cummins B6.7 220HP 600 lb-ft torque/Allison 2500PTS SCR			x	
9 Cummins B6.7 220HP 600 lb-ft torque/Allison 2550PTS SCR				
10 Cummins B6.7 220HP 600 lb-ft torque/Eaton Procision SCR				
11 Cummins B6.7 240HP 560 lb-ft torque/Allison 2500PTS SCR				
12 Cummins B6.7 240HP 560 lb-ft torque/Allison 3000PTS SCR				
13 Cummins B6.7 240HP 560 lb-ft torque/Eaton Procision SCR				
14 Cummins B6.7 240HP 660 lb-ft torque/Allison 2500PTS SCR				
15 Cummins B6.7 240HP 660 lb-ft torque/Eaton Procision SCR				
16 Cummins B6.7 250HP 660 lb-ft torque/Allison 2500PTS SCR				
17 Cummins B6.7 250HP 660 lb-ft torque/Allison 3000PTS SCR				
18 Cummins B6.7 250HP 660 lb-ft torque/Eaton Procision SCR				
19 Cummins B6.7 260HP 660 lb-ft torque/Allison 2500PTS SCR				
20 Cummins B6.7 260HP 660 lb-ft torque/Allison 3000PTS SCR				
21 Cummins B6.7 260HP 660 lb-ft torque/Eaton Procision SCR				
22 Cummins ISB6.7 G, CNG engine.				
23 Ford 6.8 liter, CNG, automatic transmission				
24 Ford 6.8 liter, gasoline, automatic transmission		x		
25 Ford 6.8 liter, propane, automatic transmission, LPG autogas				
26 Ford 6.8L propane engine/6R140 Ford transmission				
27 GM propane, automatic transmission GAS				
28 IC Gas PSI 8.8 Liter, 265HP Gasoline with Automatic Transmission				
29 IC/PSI 8.8 liter, 270HP propane, with Automatic Transmission GAS				

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30	IC/PSI 8.8 liter, gasoline, with Automatic Transmission			
31	IC/PSI 8.8 liter, propane, with Automatic Transmission LPG autogas			
32	PI 8 liter propane, automatic transmission LPG autogas			
33	Antifreeze, Extended Life	x	x	
34	Water filter extended life			
35	Exhaust Brake			
36	Heated fuel water separator		x	
37	Heated fuel water separator remote mounted			
38	Overcrank starter			
39	Quick warm up option	x	x	
40	Transmission push button quadrant for Allison 3000 PTS			
41	Transynd transmission fluid	x	x	
42	Speed Retarder System			
43	Factory set governed speed at 70 mph. (for interstate travel)	x	x	
44	Other:			
45				
48	AIR DRYER			
49	Bendix AD-IP			
50	Bendix AD-9	x	x	
51	Bendix DV-2			
52	Moisture ejector auto			
53	Moisture ejector manual (pull chain)			
54	Mount air dryer outside of frame rail			
55	Moisture ejector auto, all tanks			
56	Other:			
57				
60	ALTERNATOR/COMPRESSOR			
61	Larger alternator 185 amps Leece Neville			
62	Larger alternator 200 amps Leece Neville			
63	Larger alternator 210 amps Leece Neville			
64	Larger alternator 240 amps Leece Neville	x	x	
65	Larger alternator 270 amps Leece Neville			

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66	Larger alternator 320 amps Leece Neville			
67	Larger alternator 325 amps Leece Neville			
68	Delco Remy 200 AMP Alternator with 2 year warranty			
69	Circuit breakers where available	x	x	
70	Larger air compressor 18.0 cfm	x	x	
71	Minimum 3 separate reservoirs 3600 cu. In. min.	x	x	
72	Other:			
73				
76	AXLES/BRAKES/SUSPENSION			
77	30-30 Long stroke chamber and heavy duty spring brake			
78	ABS with Traction Control			
79	Air Brakes - front. 15 X 4			
80	Air Brakes - front. 15 X 5			
81	Air Brakes - front. 16.5x4			
82	Air Brakes - front. 16.5x5			
83	Air Brakes - rear. 16.5x7			
84	Brake drums mounted outboard only			
85	Air Disc Brakes	x	x	
86	Hydraulic Brakes. State size:			
87	Platinum Shield Shoe Lining, Protects Against Rust Jacking			
88	Automatic slack adjusters, Haldex			
89	Automatic slack adjusters, Meritor			
90	Differential lock or positraction			
91	Dust shields, front and rear			
92	E-Z Grip parking brake cover	x	x	
93	Front heavy duty shocks	x	x	
94	Rear heavy duty shocks	x	x	
95	Interlock Brake System. State Brand:			
96	Leveling Valve - front single			
97	Leveling Valve - rear single	x	x	
98	Oil lubricated wheelbearings front	x	x	
99	Stemco seals front			

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100	Stemco seals rear				
101	Synthetic HUD ILO oil		x	x	
102	Front axle 10,000 LBS				
103	Front axle 12,000 LBS		x	x	
104	Rear axle 17,000 LBS				
105	Rear axle 19,000 LBS				
106	Rear axle 20,000 LBS				
107	Rear axle 21,000 LBS		x		
108	Rear axle 23,000 LBS			x	
109	Front air suspension 10,000 LBS				
110	Front spring suspenstion 8,500 LBS				
111	Front spring suspenstion 10,000 LBS				
112	Rear Air Suspension 21,000 LBS		x		
113	Rear Air Suspension 23,000 LBS			x	
114	Rear Spring Suspension 17,000 LBS				
115	Rear Spring Suspension 19,000 LBS				
116	Rear Spring Suspension 21,000 LBS				
117	Rear Spring Suspension 23,000 LBS				
118	Must have Grease Zirks in U-joints on Driveshaft, must be Greaseable				
119	Other:				
120					

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	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
Bus Size (Conventional)				
128 BATTERIES/BLOCK HEATERS				
129 1-12 volt 8D. List CCA:				
130 2-12 volt 31 S. List CCA:				
131 2-12 volt 31 S. List CCA:				
132 2-12 volt 8D. List CCA:				
133 3-12 volt 31 S. List CCA:		x	x	
134 3-12 volt 31 S. List CCA:				
135 Heavy Duty Battery Box on HD Sliders		x	x	
136 Heavy Duty Battery Box W/ Roller Tray				
137 Key lock battery box				
138 Loom battery cables				
139 Master electric cutoff switch				
140 No Rust Composite Battery Box				
141 Stainless battery tray				
142 Block heater plug front mounted plug		x	x	
143 Block heater plug rear mounted plug				
144 Engine block heater 750 watts		x	x	
145 Engine block heater 1250 watts				
146 Espar Diesel Heater E-Guardian 42K BTU				
147 Espar Diesel Heater E-Guardian 17K BTU				
148 Webasto Diesel Heater Scholastic Series 45K BTU				
149 Webasto Diesel Heater TLS 17K BTU				
150 Diesel heater manual on/off switch. State brand and Model:				
151 Diesel heater 7 day timer. State brand and Model:				
152 Mount Webasto Controller/Timer in Driver's Area				
153 Battery Box Plastic Cover KIT				
154 Other:				
155				
158 BODY STRUCTURE/PAINT				
159 Body Tie Downs: "Texas U-Bolt"				
160 Body Tie Downs: Double bolted				
161 Drip moulding formed in roof panels over windows		x	x	

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
162 Drip Moulding/Rain Deflector Full Body Length				
163 Heavy duty front tow hooks frame mounted		x	x	
164 Heavy duty rear tow hooks frame mounted		x	x	
165 Grill painted silver		x	x	
166 Paint Hood flat black				
167 Paint Hood Yellow, low gloss		x	x	
168 Roof-White		x	x	
169 Stainless steel Screws for fenders/body, ext. mirrors, cross gate & stop arm				
170 Other:				
171				
178 24/7 64 GB SDHC sensors and panic button installed				
179 24/7 additional camera				
180 24/7 GPS				
181 24/7 Stop arm camera				
182 24/7 Dome camera				
183 REI 500 GB DHD sensors and panic button installed				
184 REI 320 GB DHD sensors and panic button installed				
185 REI 64 GB SDHC sensors and panic button installed				
186 REI additional camera				
187 REI Wi-Fi bridge				
188 REI GPS				
189 REI Stop arm camera				
190 Angel Trax video system, 7 camera (3 outside, 4 inside), Hybrid guest with VSM				
191 Seon 1 Camera System				
192 Seon 2 Camera System				
193 Seon 3 Camera System				
194 Seon 4 Camera System				
195 Other:				
196				
197				

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	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
198	Bus Size (Conventional)			
199				
200	WINDOW/ROOF HATCH/POWER VENTILATORS			
201	Face mounted emergency window instructions decals on windows - external mounted on window			
202	List quantity of roof hatches included per size of unit:	2	2	
203	Roof Escape Hatch Lo Profile. List Brand:	x	x	
204	Roof Escape Hatch Power Ventilated. List Brand:			
205	Roof Escape Hatch standard. List Brand:			
206	Additional roof hatch			
207	Power Ventilator. State Brand:			
208	Pushout Emergency Window - horizontal hinged			
209	Pushout Emergency Window - vertical hinged	x	x	
210	Rear window air dam			
211	Other:			
212				
213				
214	DOORS/LOCKS			
215	Air-operated heavy duty, outward opening entrance door, full view glass, greaseable hinges	x	x	
216	Deluxe manual heavy duty, outward opening entrance door, full view glass, greaseable hinges			
217	Electric heavy duty, outward opening entrance door, full view glass, greaseable hinges			
218	Paint Entrance Door Yellow			
219	Vandal lock entrance door, manual lock	x	x	
220	Vandal lock entrance door, electric lock			
221	Vandal Lock rear door with Interlock			
222	Vandal lock rear emergency window with interlock			
223	Vandal lock lift door with interlock			
224	Rear door with concealed hinges (Must have Zerk Fittings)			
225	Rear door with greaseable door hinges (Must have Zerk Fittings)	x	x	

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
226	Header pad mounted above rear door	x	x	
227	Header pad mounted above entrance door	x	x	
228	Upholstered header pad mounted above rear door			
229	Upholstered header pad mounted above entrance door			
230	Other:			
231				
232				
233				
234	FLOOR/STEPWELL			
235	5/8" 5-ply type CD exterior grade			
236	5/8" Marine grade plywood	x	x	
237	5/8" Treated plywood			
238	Aluminum floor trim (aisle, other)			
239	Stainless steel floor trim (aisle, other)			
240	Plastic or vinyl floor trim	x	x	
241	Floor coloring Black	x	x	
242	Floor coloring Brown			
243	Floor coloring Gray			
244	Floor coloring Green			
245	Floor coloring Light Blue			
246	Floor coloring Tan			
247	One piece floor covering			
248	One piece floor covering - GRAY			
249	Studded texture step treads metal backed			
250	Studded texture step treads non-metal backed			
251	Insulated step well (for sound abatement)			
252	Stainless steel stepwell (State steel gauge):	x	x	
253	One Piece Polyethalene composite stepwell			
254	Steel preformed with Proflex			
255	Koroseal entire floor			
256	Koroseal floor trim			
257	Koroseal pebble tread			

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258	Fold-out step power activated			
259	Fold-out step manually operated			
260	Other:			
261				
262				
263				
264	FUEL TANKS			
265	12 Gallon DEF tank with locking door			
266	15 Gallon DEF tank with locking door		x	
267	Between frame rail, diesel 45 gallon			
268	Between frame rail, diesel 60 gallon			
269	Between frame rail, diesel 100 gallon		x	
270	Between frame rail, gasoline 60 gallon			
271	Between frame rail, gasoline 100 gallon	x		
272	Between frame rail, propane 48 gallon			
273	Between frame rail, propane 69 gallon			
274	Between frame rail, propane 90 gallon			
275	Between frame rail, propane 98 gallon			
276	Propane fuel filler nozzle, Euro-style			
277	Propane fuel door interlock			
278	Fuel door lock	x	x	
279	Fuel door right side access	x	x	
280	Tough coat fuel tank	x	x	
281	Between frame rail, diesel 65 gallon			
282	Between frame rail, diesel 105 gallon			
283	Other:			
284				
285				
286				
287	GAUGES/BREAKERS/CONTROLS			
288	12 Volt accessory plug	x	x	
289	Alarm- Backup with 107 dB(A)			

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290 Alarm- Backup with 112 dB(A)		x	x	
291 Ampere gauge to match alternator output		x	x	
292 Engine hour meter		x	x	
293 Transmission oil temperature gauge		x	x	
294 Optional Gauge Package. Please specify:				
295 Circuit breakers where available, auto reset		x	x	
296 Circuit Breakers where available, manual reset		x	x	
297 Clock		x	x	
298 Cruise control		x	x	
299 Headlight on, key off, alarm		x	x	
300 Idle time circuit turned on		x	x	
301 Two Spare Circuits - 14 gauge wire		x	x	
302 Door switch on left panel (not on steering wheel)				
303 Other:				
304				
305				
306				
307 HEATER, ADDITIONAL LARGER/ AIR CONDITIONING				
308 Air conditioning – Underbody condenser, 120,000 BTU or greater				
309 Air conditioning – Rooftop condenser, 120,000 BTU or greater				
310 List Standard Heater BTU units cost:				
311 List Standard Right Front BTU: 50K		x	x	
312 List Standard Left Front BTU: 90K		x	x	
313 List Standard Midship BTU: 50K			x	
314 List Standard Rear BTU: 50K		x	x	
315 List Optional Heater BTU units cost:				
316 List Optional Midship BTU:				
317 List Optional Rear BTU:				
318 List Optional Right Rear Wall Mounted BTU:				
319 List Optional Right Rear Wall Mounted BTU:				
320 List Optional Left Rear Wall Mounted BTU:				
321 List Optional Left Rear Wall Mounted BTU:				

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
322	Radiant heating at floor line, twin copper pipe system			
323	Additional kick guards for all passenger area heaters			
324	List cost if driver heater kickguard is additional:			
325	Heater circulating pump. State Brand:			
326	Heater pump switch illuminated when on	x	x	
327	Heater cut-off ball valve all shut offs	x	x	
328	Passenger heater frame mounted, not floor mounted			
329	All heaters have replaceable filters	x	x	
330	Install rear left and right heaters - 84,500btu each - verticle mount in protective metal cage.			
331	Front, interior, A/C blower in front bulkhead			
332	Front, interior, A/C blower in rear bulkhead			
333	Rear AC blower in rear bulkhead			
334	Other:			
335				
336				
337				
338				
339	INTERIOR COLOR			
340	Astro White	x	x	
341	Beige			
342	Gray			
343	Sea Foam Green			
344	Spring White			
345	Other:			
346				
347				
348	INTERIOR PANELS			
349	Aluminized interior panels	x	x	
350	Galvanized Coated Interior Panels			
351	Lower Side Interior Panels are Embossed Steel and Clear Coated			
352	Modesty/kick panel behind driver's seat			

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353 Other:				
354				
355				

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356				
357	LIGHTS, EXTERIOR			
358	Additional side exterior directional lamps, below window and behind rear wheels			
359	Engine compartment light. State candle power:			
360	Exterior entrance light activated by opening of door			
361	Exterior light check system pre-trip inspection	x	x	
362	Fog lamps			
363	Incandescent Backup lights, 7"			
364	LED Backup lights, 7"	x	x	
365	LED Backup lights, state size:			
366	LED Side backup lights	x	x	
367	LED Backup light mounted behind rear axle, high intensity			
368	LED Brake lights, state size:			
369	LED Exterior Entrance Door Light	x	x	
370	LED Marker/Clearance lights	x	x	
371	LED package (state package components):			
372	LED Stepwell Light			
373	LED Tail lights, state size: 4"	x	x	
374	LED Turn signal, front 7"			
375	LED Turn signal, front fender mounted			
376	LED Turn signal, rear, state size:			
377	LED Turn signal, side mounted, front			
378	LED Turn signal, side mounted, front and rear			
379	LED Warning lights			
380	LED Warning lights, strobing			
381	LED Warning lights, Soundoff			
382	Lighted School Bus sign front and rear			
383	Recessed Exterior Lighting for water prevention damage			
384	Strobe light high profile			
385	Strobe light low profile inside power supply. State brand:	x	x	
386	Strobe light low profile outside power supply			

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387	Tree guard on strobe lamp assembly			
388	Turn signal front fender mounted duel faced	x	x	
389	Warning light sun visors	x	x	
390	Weldon supplemental warning lights above bumpers	x	x	
391	4" LED STOP & TAIL LIGHTS W/LICENSE PLATE LIGHT			
392	Other:			
393				
394				
395	LIGHTS, INTERIOR/SWITCHES			
396	A/C system silent switch			
397	Additional dome light over driver's seat with separate switch	x	x	
398	Dome lamps shall be separately switched with three total switches: one for the driver's dome; one for the front half of the dome lights; and one for the rear half of the dome lights.			
399	Dome lights two rows	x	x	
400	Dome lights, LED			
401	Dome Lights: Minimum of 10 total dome lights in the passenger compartment			
402	Door switch / Ambers on steering wheel			
403	Door switch on left panel (not on steering wheel)			
404	Warning light switch on left panel			
405	Install 6 chrome work lights - wall mounted under chair rail, Install switch in driver panel. 6 lights min.			
406	Lamp monitor 16 lamp			
407	Lamp monitor 8 lamp			
408	LED capable Monitor. State Brand:			
409	LED Red lights mounted in ceiling at all emergency windows and exits, controlled by headlight switch			
410	Luggage compartment lights, switch controlled at driver compartment			
411	Red lights mounted in ceiling at all emergency windows and exits, controlled by headlight switch			
412	Warning lamp system, 8 way flashing, Weldon			

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413	Warning light switch on left panel			
414	Other:			
415				
416				
417	MANUALS/SOFTWARE			
418	ABS software	x	x	
419	Engine software			
420	Transmission software			
421	All Parts/Service manuals in bound paper format			
422	All Parts/Service manuals in CD format	x	x	
423	Diamond Logic Builder Software, license, updates and annual renewal			
424	Laptop computer with all necessary licensing, hardware and software to properly diagnose engines, transmissions, ABS and all related electronic components. The computer should contain enough memory and storage capacity to run all programs including parts catalogs and maintenance and repair programs specific to the vehicles quoted. Eight (8) hours of training on this computer for the mechanics. One thousand dollars (\$1,000.00) will be held back from payment until completion of mechanic's training.			
425	Nexiq Adapter: USB port connection			
426	Other:			
427				
428				
429	MIRRORS, INTERIOR			
430	Mounted over rear emergency door, 10"x16" minimum			
431	Mounted over rear emergency door, 12"x18" minimum			
432	Mounted over rear emergency door, 18"x24" minimum			
433	Prizm mirror mounted inside on rear door			
434	Front 6" x 30" non-glare in lieu of standard	x	x	
435	Front 8" x 30" in lieu of standard			
436	Front, 10"x30" in lieu of standard			
437	Front, 10"x30" non-glare in lieu of standard			

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438 Sun visor 6x30		x	x	
439 Right-side sun visor, minimum six inches by sixteen inches in size.				
440 Backup camera integrated into 6x30 rear view mirror				
441 Other:				
442				
443				
444				
445 MIRRORS, EXTERIOR				
446 All exterior stainless steel mirror brackets with bright finish.		x	x	
447 Double nickel mirrors				
448 Extended passenger side mirror brackets for double nickel				
449 Mirrorlight mirror				
450 Mirrorlight remote control mirror				
451 Mirrorlite Crossview				
452 Rosco Crossview mirror		x	x	
453 Rosco heated mirrors		x	x	
454 Rosco heated remote control mirrors				
455 Rosco ES mirror heads				
456 Self-canceling mirror defrost switch				
457 Other:				
458				
459				
460				
461 PUBLIC ADDRESS/RADIOS/GPS				
462 Additional speakers inside – 2				
463 Additional speakers inside – 4		x	x	
464 Additional speakers inside – 6				
465 Additional speakers inside – 8				
466 AM/FM/CD Radio with four speakers				
467 AM/FM/CD/PA Radio with four speakers				
468 AM/FM/CD/USB/MP3 with four speakers				
469 AM/FM/CD/USB/MP3/PA with four speakers		x	x	

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470 AM/FM/PA Radio with four speakers				
471 AM/FM/USB/MP3 with four speakers				
472 AM/FM/USB/MP3/PA with four speakers				
473 Outside speaker				
474 Outside speaker mounted under hood				

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475	Public address system only. List # of speakers:			
476	Two-way radio, Motorola CDM750 or equal, with lockable mount and antennae (not mounted in bus)			
477	GPS System. State Brand:			
478	WiFi assist. State brand:			
479	TWO-WAY RADIO PRE-WIRED FOR UNIT AND ANTENNAE ON ROOF	x	x	
480	GPS wiring HARness ready			
481	Other:			
482				
483				
484	RADIATOR			
485	Air Controlled Automatic radiator shutters			
486	Electric fan clutch	x	x	
487	Fan drive hyd pump and motor with fixed speed and residual torque for disengaging fan speed			
488	Metal bolted tanks			
489	Viscous controlled fan			
490	Winterfront			
491	Other:			
492				
493				
494	REFLECTIVE MARKINGS / LETTERING			
495	"Stay Back 10 Feet" in four inch white-silver material may be applied and centered to the front and rear bumpers. Letters shall be italicized and be of the Helvetica type style and Rear bumper may be marked diagonally forty-five degrees with two inch wide strips of yellow grade five material two inches apart. Must be ordered with "School Bus" lettering above.			
496	6-1/2" stripe at beltline for school district I.D.			
497	Rear bumper diagonally marked forty-five degrees with two inch wide strips of yellow grade five material two inches apart			
498	Reflective tape complete package			

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
499 Other:				
500				

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
501				
502	RUSTPROOFING/RUST PROTECTION			
503	Rustproofing to be a commercial grade. Spray aerosol can type rustproofing not acceptable			
504	List your additional rust prevention package above factory installed. Name product:			
505	Asphalt-based undercoating	x	x	
506	Wax-based undercoating			
507	Corrosion protection underdody: List product:			
508	Bumpers rust protection. List product:			
509	Fuel Tank rust protection. List product: Scorpion	x	x	
510	Exterior Body rust protection. List product:			
511	Stepwell rust protection. List product:			
512	Paint adhesion and rust protection - 5 years, unlimited miles			
513	No Rust One Piece Stepwell			
514	No Rust Battery Box			
515	Undercoating. List product:			
516	Interior of all panels, where insulation is located, shall be rustproofed			
517	Other:			
518				
519				
520				
521	SEAT BELTS/SEATS/FOAM			
522	25" knee clearance	x	x	
523	39" Right front seat	x	x	
524	30" Right front seat			

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
525 Seat, 39" Interchangeable seat backs, (specialized school bus seats that can be converted from standard seats to three point seat belts or to Integrated Child Restraint Seats (ICS) without removing the seats from the bus and modifying the bus floor for needed reinforcements by replacing the complete backs. Seat frames shall meet applicable FMVSS requirements and seat frames shall be capable for installation of type 2 belts and ICS restraint seating) list make:				
526 Cost for one seat three seat belts installed color coded				
527 Cost for one seat two seat belts installed color coded				
528 Cost per seat to make seat belt ready		4	4	
529 Cost to make all seats, seat belt ready				
530 Districts: Specify if last seat is "full" or "half" for 71 and 77 passengers				
531 Number or letter seats above windows				
532 Padded Interior side rails				
533 Seat color Brown		x	x	
534 Seat color Dark Blue				
535 Seat color Gray				
536 Seat color Green				
537 Seat color Maroon				
538 Seat color Medium Blue				
539 Seats 1/2" plywood seat bottoms				
540 Seats 3/8" plywood seat bottoms		x	x	
541 Seats passenger Kevlar upholstery				
542 Seats staggered (not placed directly across each other)		x	x	
543 Triad seat foam		x	x	
544 Interchangeable seat backs, IMMI/BTI seats				
545 Other:				
546				
547				
548 SEAT, DRIVER'S				
549 Adjustable pedals, factory installed		x	x	
550 Tilt steering		x	x	

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
551 Tilt/Telescopic steering		x	x	
552 Pedestal seat non-heated vinyl National				
553 Pedestal seat non-heated vinyl Bostrom				
554 AIR RIDE NON HEATED SEAT VINYL BOSTROM				
555 Air ride seat heated cloth National				
556 Air ride seat non-heated cloth National		x	x	
557 Air ride seat heated cloth Bostrom				
558 Air ride seat non-heated cloth Bostrom				
559 Driver's seat armrests option. List price per side:				
560 Fabric driver's seat, non-flammable				
561 Driver's adjustable shoulder harness		x	x	
562 Driver's high visibility orange safety adjustable shoulder harness				
563 Front barrier cover with multiple pouches. State # of pouches:				
564 Front barrier cover with a single pouch				
565 Standard heated air suspension				
566 Standard heated hydraulic suspension				
567 Other:				
568				
569				
570				
571 SIDE RAILS/PANELS				
572 16 gauge smooth exterior panels		x	x	
573 Full length and acoustical headliner		x	x	
574 Black snow rail		x	x	
575 Rub rail above rear bumper				
576 Rub rails painted black full width		x	x	
577 Seal top of all rub rails				
578 Third rub rail. Shall be painted black.		x	x	
579 Rubber fender extensions rear, only				
580 Rubber fender extensions front and rear				
581 Window line rubrail to extend around rear of bus				
582 Other:				

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
583				
584				
585	SILICONE RADIATOR/HEATER HOSES			
586	Constant torque hose clamps			
587	Heater hoses, silicone			
588	Premium Rubber Hoses Unsealed in Lieu of Silicone Hoses	x	x	
589	Radiator hoses, silicone			
590	Other:			
591				
592				
593	STOP ARM/CROSSING ARM			
594	Air operated Stop Arm with LED lamps	x	x	
595	Air operated Stop Arm with LED strobe lamps			
596	Air operated Stop Arm with Standard lamps			
597	Air operated Stop Arm, Dual Signs			
598	Air operated Stop Arm, Dual Signs, LED Strobing			
599	Electric Stop Arm with LED lamps			
600	Electric Stop Arm with LED lamps, Transpec			
601	Electric Stop Arm with LED strobe lamps			
602	Electric Stop Arm with Standard lamps			
603	Electric Stop Arm, Dual Signs			
604	Electric Stop Arm, Dual Signs, LED Strobing			
605	Latch/magnet for crossing arm/gate			
606	Solid Fiberglass Air Crossing Gate Mounted on Front Bumper. State Brand:			
607	Solid Fiberglass Electric Crossing Gate Mounted on Front Bumper. State Brand:			
608	Other:			
609				
610				
611				

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
612	STORAGE COMPARTMENTS, INTERIOR			
613	Dash mounted glove box with door and lock	x	x	
614	Glove box, bulkhead without lock			
615	Storage compartment without lock next to driver			
616	Storage box with lock above driver's window			
617	Storage box without lock above driver's window	x	x	
618	Safety equipment compartment, labeled, above windshield	x	x	
619	Flares behind driver's seat			
620	Over windshield with a flush mounted camera box			
621	Other:			
622				
623				
624				
625				
626	STORAGE COMPARTMENTS, EXTERIOR			
627	Door assist cylinder, price per door			
628	Door locks per door			
629	Double left side. List size:			
630	Double right side. List size:			
631	Single left side. List size:			
632	Single right side. List size: 55"x22"25"		x	
633	Double Non metal compartment. List size:			
634	Pass-through compartment, four doors			
635	Other:			
636				
637				
638				
639	STUDENT DETECTION SYSTEM			
640	Child Reminder System. State brand:			
641	Child Reminder System unloading delay option. State brand:			
642	Other:			
643				

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	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
644				
645				
646				
647	WARRANTIES, EXTENDED WARRANTIES			
648	See Warranties Page, for pricing			
649				
650	WHEELS, RIMS, TIRES			
651	Other: Rear tires M&S			
652				

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
653	WINDOWS/WINDSHIELD			
654	Cost of two additional emergency windows (total of 4 emergency windows on bus)		x	
655	Thermopane price per window. List which pieces are thermopane: windshield, side sash, driver window, doors, etc.):			
656	Tinted Driver's Window. List tint: 70	x	x	
657	Tinted Entrance Door. List tint: 70	x	x	
658	Tinted Rear Window. List tint:			
659	Tinted side windows. List tint: 28	x	x	
660	Powdercoated Black Window Frames			
661	One gallon washer fluid reservoir	x	x	
662	One and one-half Gallon Washer fluid reservoir			
663	Six quart washer fluid reservoir			
664	Raised passenger window line			
665	Windshield four piece flat	x	x	
666	Windshield one piece			
667	Windshield three piece			
668	Windshield two piece curved			
669	Heated windshield wipers			
670	Heated washer fluid units			
671	Other:			
672				
673				
674				
675	WIRING			
676	NOTE TO DISTRICTS: You may want to consider pre-wiring for future installs			
677	As-Built Wiring Schematics	x	x	
678	Color-coded numbered wiring	x	x	
679	Multiplex wiring package. State wires included: chassis	x	x	
680	Pre-Wire for 2-way radio. State harness location:			
681	Wireless access points for Wi-Fi capability			

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
682	Wiring for camera, only. State harness location:			
683	Wiring harness for GPS system, without GPS system. State harness location:			
684	Other:			
685				
686				
687				
688	OTHER OPTIONS			
689	Air horns			
690	Air horns, foot control			
691	All keys alike			
692	Chrome radiator grill			
693	Composite trash can compartment			
694	Cup holder	x	x	
695	Exhaust exit left-hand side ahead of rear wheels			
696	Exhaust exit under rear bumper, turned down			
697	Exhaust exit left-hand side ahead of rear wheels, stainless steel	x	x	
698	Exhaust exit under rear bumper, turned down, stainless steel			
699	Extra insulation firewall and roof bows	x	x	
700	LH arm rest on switch panel	x	x	
701	Mudflap, Full width at rear bumper in addition to standard flaps			
702	Mudflap, Full width to be mounted at rear bumper			
703	Mudflap, Full width at rear axle single flap			
704	Mudflaps, additional mudflaps to be mounted in front of rear wheels			
705	Mudflaps, front (pair)	x	x	
706	Pre-heater box to be located adjacent to battery box			
707	Second set of logos decals, rear mounted	x	x	
708	Tire Chains			
709	Mobileye collision avoidance			
710	Mobileye 360 Perimeter view camera system			
711	Tire Pressure monitoring system			
712	Smarttrac electronic stability control			

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
713	Certificate holder			
714	Clipboard holder			
715	Other:			
716				
717				
718				
719				
720	HANDICAPPED BODY OPTIONS			
721	DISTRICTS - YOU ARE TO SUBMIT a Floor Plan as to the seating and the placement of wheelchairs. Note location of Heater Boxes and Wheel Wells if the bus is not equipped with a flat floor. Show plan for amount of forward-Facing Wheelchairs, with an approximate capacity of remaining ambulatory students allowable for each size vehicle. Wheelchair lift location specified by the District. DISTRICTS MUST CONFIRM WITH VENDOR THEIR DESIGN SPECIFICATIONS PRIOR TO ORDERING BUS.			
722	VENDORS - FLOOR TRACK MUST BE "THROUGH BOLTED" WITH GRADE #5 BOLTS OR BETTER WITH REINFORCING OR WASHERS ON UNDERSIDE OF FLOOR PAN. SCREW TYPE FASTENERS NOT ACCEPTABLE.			
723	Lift Price should include a rear mounted lift with a 34" platform, lift door, lighting, interlocks and holddown for one position located across from the lift. ADA compliant lifts only.			
724	Braun Lift. State model:			
725	Braun Lift 1000lb capacity. State model:			
726	Ricon Lift. State model:			
727	Ricon Lift 1000lb capacity. State model:			
728	Price difference for a front mounted lift			
729	Flat floor (includes low profile tires and rear air suspension Contact vendor for specifics.)			
730	Recessed floor track L-track for track seating <u>per wheelchair position</u>			

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
731 Recessed floor track L-track full length both sides and shoulder harness track above windows				
732 Recessed floor track covers				
733 Stainless steel fasteners to secure track to floor				
734 Sealed plywood floor track grooves prior to installation of floor track				
735 S.T.A.R.S. Floor mount hardware per wheel chair position				
736 30" Track mounted seat - Each				
737 36" Track mounted seat - Each				
738 39" Track mounted seat - Each				
739 4"x4" H/C decal on L/Front body cowl and 8"x8" H/C decal on R/Rear with white backing				
740 Additional interior light and switch at lift area for lift door and light				
741 Interior ceiling lamp over lift area				
742 Interior ceiling lamp over lift area comes on automatically when door opens				
743 One work light per wheelchair securement area, wall-mounted under chair rail, under seats				
744 Exterior lamp mounted above lift door				
745 Other:				
746				
747				
748				
749				
750				
751				
752				
753 WHEELCHAIR RESTRAINT COST PER CHAIR				
754 Q-Straint QRT Max				
755 Q-Straint QRT Deluxe				
756 Q-Straint QRT 360				
757 Q-Straint Slide N Click				
758 Q-Straint. State model:				

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
759	Sure-Lok FE517-4			
760	Sure-Lok FF612S-4C-7			
761	Sure-Lok AL712S-4C-7			
762	Sure-Lok. State model			
763	Quick Straps, One pair (2)			
764	Restraint storage pouch			
765	Shoulder restraint retractable			
766	Other:			
767				
768				
769				
770	C.E. WHITE SEATS			
771	Cost of barrier for placing CR-30 in a first row seat			
772	Cost of barrier for placing CR-39 in a first row seat			
773	Cost of CR-30 seat, not installed			
774	Cost of CR-30 seat with seat belts, not installed			
775	Cost of CR-30 seat, track mounted			
776	Cost of CR-30 seat with seat belts, track mounted			
777	Cost of CR-39 seat, not installed			
778	Cost of CR-39 seat with seat belts, not installed			
779	Cost of CR-39 seat, track mounted			
780	Cost of CR-39 seat with seat belts, track mounted			
781	Cost of CR-30 seat cover			
782	Cost of CR-30 seat foam			
783	Cost of CR-39 seat cover			
784	Cost of CR-39 seat foam			
785	Other:			
786				
787				
788				
789				

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
790 NEW: APPROVED OPTION LIST FOR OHIO SCHOOL BUS				
791 Fire suppression system: must be installed per the manufacturer's recommendations. Installation shall not interfere with the driver's ability to operate any OEM controls and shall be completely isolated from the vehicle's electrical system by means of a fuse or breaker. The suppressant delivery points may be installed in the engine compartment, battery box, and undercarriage of the vehicle. Mounting of the system shall be outside of the passenger compartment and have no effect on the vehicles structure to include welding or drilling into the main frame. The cylinder and gauges shall be contained in a metal protective box and marked on three sides in 2 inch red letters "Fire Suppression" on a white background. The system shall be isolated to prevent accidental discharge of the suppression contents. A monitor to show the status of the unit may be installed in the driver's area in such a way as to not interfere with the safe operation of the bus.				
792				
793				
794 NON-SCHOOL BUS OPTIONS				
795 Bus is built same as school bus but will not have 8-way light system, swing-out stop sign and will not be painted yellow. All lettering as required by State law for school buses will be omitted.				
796 Insulation all sides, roof shafts, front and rear panels and all roof bows				
797 Auxillary port in dash for cell phone				
798 Window sash all black. Exterior and between windows shall be painted black				
799 Front interior A/C blower in front bulkhead				
800 Rear interior A/C blower in rear bulkhead				
801 A/C roof-mounted condenser; 120,000 BTUs or greater				
802 COLOR OPTIONS				

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
803 Per district's spec. Districts, please supply color specifications, including color(s), placement and dimensions. Sketches are helpful. Please attach.				

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Bus Size (Conventional)	Please list specifications for the following information in the space provided below	71/72	77/78	Standard Available or Additional
804 REFLECTIVE TAPE				
805 Per district's spec. Districts, please supply color specifications, including color(s), placement and dimensions. Sketches are helpful. Please attach.				
806 Other:				
807				
808				
809 ANY OTHER ADDITIONAL OPTIONS (list below)				
810 Railroad silent switch		x	x	
811 Panel located in floor to access fuel sending unit		x	x	
812				
813				
814				
815				
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