

			<u>Hoglund Bus Company</u>			<u>School Bus Sales</u>			<u>Thomas Bus Sales, Inc</u>		
			<u>Response</u>	<u>Options</u>	<u>Notes</u>	<u>Response</u>	<u>Options</u>	<u>Notes</u>	<u>Response</u>	<u>Options</u>	<u>Notes</u>
ITEM# 1	DESCRIPTION	NEW EIGHTY-THREE PASSENGER FRONT ENGINE TRANSIT									
1	YEAR		NO BID			2017			2017		
1	MAKE					Blue Bird			Thomas		
1	MODEL					All American			1418S		
1	UNIT	Each									
1	UNIT PRICE					\$ 96,087.00			\$ 97,812.00		
1	ESTIMATED QTY	2									
REQUIREMENT#	1	Air Brakes: 18.7 CFM min compressor; Q drum brakes; AD-9 dryer; auto slack adjusters; ABS				Yes			Yes		
	2	Air Filter: single stage dry element w/ restriction indicator				Yes			Yes		
	3	Air Intake, engine: high mount fresh air intake				Yes			Yes		
	4	Alternator: Delco Remy 200 amp min				No		Leece Neville 240 amp	No		Leece Neville
	5	Back Up Lights: two 7" & two 4" LED backup lights				Yes			Yes		
	6	Battery: 12 volt, two (2) group 31, 1900 CCA total				Yes		Three 2100CCA	Yes		
	7	Battery Compartment: skirt mounted with slide out ball bearing tray				Yes		not ball bearing	Yes		
	8	Bumpers				Yes					
	9	Capacity, Rated Student: 83 passengers				Yes		84 passengers	Yes		
	10	Cooling System: heavy duty w/ thermostatically controlled electric fans				Yes			Yes		
	11	Daytime Running Lights: activated when parking brake released				Yes			Yes		
	12	Digital Camera System: 24/7 Security Inc one digital camera system, Zeus DHD 4 channel, Installed.				Yes			Yes		
	13	Dome Lights: double row dome lights plus driver dome				Yes			Yes		
	14	Driver Seat: air ride pedestal; high backed, 6-way adj. cloth seat, w/ lumbar adjustment; left and right armrests				Yes		left solid armrest	Yes		
	14a	Driver Seat Make				National			National		
	14b	Driver Seat Model				Air			Air		
	15	Emergency Equipment: 5 lb. fire extinguisher; 24 unit FAK; reflective triangle kit; body fluid kit				Yes			Yes		Mounted in overhead compartment
	16	Emergency Exits: two low-profile Transpec roof escape hatch/vents, three push-out windows per side				Yes			Yes		

ITEM# 1	DESCRIPTION	NEW EIGHTY-THREE PASSENGER FRONT ENGINE TRANSIT	Hoglund Bus Company			School Bus Sales			Thomas Bus Sales, Inc		
			Response	Options	Notes	Response	Options	Notes	Response	Options	Notes
REQUIREMENT#	17	Engine: I-6 diesel engine; 250 HP, 660 lb/ft torque minimum				Yes			Yes		
	17a	Engine Make				Cummins			Cummins		
	17b	Engine Model				6.7			ISB		
	18	Engine Block Heater: 750 watt min electric with remote receptacle in front body panel				Yes			Yes		
	19	Entrance Door: outward opening; air operated; panic free with vandal locks, exterior handle				Yes			Yes		
	19a	Door Opening Width (Inches)				Yes			30		
	20	Exhaust System: single 4" exhaust				Yes			Yes		
	21	Exterior Colors: National School Bus Yellow with black trim and bumpers, heat cured polyurethane paint. White roof.				Yes			Yes		
	22	Fenderettes: rubber fender extensions on each wheelhouse				Yes			Yes		
	23	Floor: 5/8" marine grade plywood over galvalume steel floor structure. Blue colored floor covering				Yes		Galvanized steel floor structure. Gray colored floor covering	Yes		
	24	Front Axle: 13,200# capacity; oil hubs, CR seals				Yes			Yes		
	25	Fuel Inspection Plate: fuel inspection plate to allow access to top of fuel tank				Yes			Yes		
	26	Fuel System: 100 gallon min., mounted between framersails behind rear axle, right side fill, latched fuel filler door				Yes			Yes		
	27	Gauges, Driver Info Package: speedometer, odometer, tachometer; volts, fuel, water temp, oil pressure gauges, hour meter, high water temp, low oil pressure lights & buzzers				Yes			Yes		
	28	Header Pads: header pads over all doors				Yes			Yes		
	29	Headroom: 73" interior headroom minimum				No		77"	No		78
	30	Heater Valves: cutoff valves for heater lines				Yes			Yes		
	31	Heaters: front, driver, midship, rear; all heaters must include aluminum filters; heater booster pump				Yes			Yes		
	31a	BTU for front				90,000			90,000		
	31b	BTU for driver				12,000			15,000		
	31c	BTU for midship				50,000			84,000		

ITEM# 1 REQUIREMENT#	DESCRIPTION	NEW EIGHTY-THREE PASSENGER FRONT ENGINE TRANSIT	Hoglund Bus Company			School Bus Sales			Thomas Bus Sales, Inc		
			Response	Options	Notes	Response	Options	Notes	Response	Options	Notes
31d	BTU for rear					80,000			84,000		
32	Horn: dual electric horns					Yes			Yes		
33	Ignition Keys: all units keyed identically					Yes			Yes		
34	Insulation: 2" fire resistant thermal bonded polyester fiber					Yes			Yes		
35	Interior Colors: interior ceiling: light gray; seat frames, heaters, trim: black;					Yes		Astro White	Yes		
36	Interior Side Panels: aluminized interior side panels					Yes			Yes		
37	Lettering: 8" school bus front/rear; bus # front, rear, both sides; 6" school name both sides					Yes		5" school name both sides	Yes		
38	Marker Lights: per Iowa code; LED					Yes			Yes		
39	Mirrors: 6" x 30" interior; heated exterior					Yes			Yes		
40	Passenger Seating: 52 oz. gray leatherette upholstery					Yes			Yes		
40a	Optional 1: SynTec S3C seat bases at all positions						\$ 150.00	Cost per seat for CE White		\$ 868.00	
40b	Optional 2: SynTec S3C bases and seatbacks with integrated lap/shoulder belts						\$ 390.00	Cost per seat for CE White		\$ 8,932.00	
41	Radios: must include AM/FM/PA radio w/ electronic tuning and clock. Electronic Engineering's Motorola model MOTOTRBO 2-way radio with Tallysman GPS Spritebox on DMPS' frequency, installed.					Yes			Yes		
42	Rear Axle: 23,000# capacity; synthetic lube					Yes			Yes		
43	Service Access: front access panels for engine, wiper motors and radiator. Lockable electrical panel below driver's window					Yes			Yes		
44	Shock Absorbers: heavy duty					Yes			Yes		
45	Side Windows: tinted except storm glass					Yes			Yes		
46	Sound Insulation Package: full length acoustic panels preferred					Yes			Yes		
47	Steering: power steering with tilt & telescoping wheel					Yes			Yes		
48	Stepwell: three step stepwell with white tread nosings					Yes			Yes		
49	Stop and Tail Lights: two 7" and two 4" LED stop & tail lights					Yes			Yes		
50	Stop Arm: electric w/ red LED strobing lamps, heated mechanism					Yes			Yes		
50a	Stop Arm Brand					Yes			Specialty		

			<u>Hoglund Bus Company</u>			<u>School Bus Sales</u>			<u>Thomas Bus Sales, Inc</u>		
			<u>Response</u>	<u>Options</u>	<u>Notes</u>	<u>Response</u>	<u>Options</u>	<u>Notes</u>	<u>Response</u>	<u>Options</u>	<u>Notes</u>
ITEM# 1	DESCRIPTION	NEW EIGHTY-THREE PASSENGER FRONT ENGINE TRANSIT									
REQUIREMENT#	51	Storm Glass: driver's window, entrance door				Yes			Yes		
	52	Sun Visor: 6" x 30" tinted				Yes			Yes		
	53	Suspension: 13,200# front parabolic, 23,000# AIR RIDE rear				Yes			Yes		
	54	Switches: switch panel left of driver with backlit function coded rocker switches				Yes			Yes		
	55	Throttle: electronic with cruise control				Yes			Yes		
	56	Tires and Rims: 11R22.5 M&S tires; 22.5" X 8.25" steel disc pilot wheels				Yes			Yes		
	56a	Tire Make				Hankook			Hankook		
	56b	Tire Model				Front AH 12/Rear 235A			Z35A		
	56c	Tire Rating				Yes			14		
	57	Tow Hooks: two front and two rear				Yes			Yes		
	58	Transmission, Automatic: Allison 3000 PTS 5 speed AOD. Synthetic fluid.				Yes			Yes		7 year warranty
	59	Turn Signal Lights: amber front and rear, amber side mount				Yes			Yes		
	60	Undercoating: underbody incl fuel tank to be completely undercoated				Yes			Yes		
	61	Vandal Locks: locking system for all doors				Yes			Yes		
	62	Warning Lights: 8 light warning system with hoods, or per IA code				Yes			Yes		
	63	Wheelbase: 231"				Yes		232"	Yes		
	64	Windshield Wipers: wet arm parallelogram with intermittent control				Yes			Yes		
	65	Wiring: color coded & numbered wiring; manual circuit breakers only, no fuses				Yes		Wiring: color coded & numbered wiring; manual fuses	Yes		
ITEM# 2	DESCRIPTION	NEW SIXTY-FIVE PASSENGER CONVENTIONAL									
	2 YEAR		2017			2017			2017		
	2 MAKE		IC			Blue Bird			Thomas		
	2 MODEL		CE			Vision			C2		
	2 UNIT	Each									
	2 UNIT PRICE		\$84,304.58			\$84,649.00			\$82,903.00		
	2 ESTIMATED QTY	2									

		<u>Hoglund Bus Company</u>			<u>School Bus Sales</u>			<u>Thomas Bus Sales, Inc</u>			
ITEM# 2	DESCRIPTION		<u>Response</u>	<u>Options</u>	<u>Notes</u>	<u>Response</u>	<u>Options</u>	<u>Notes</u>	<u>Response</u>	<u>Options</u>	<u>Notes</u>
		NEW SIXTY-FIVE PASSENGER CONVENTIONAL									
REQUIREMENT#	1	Air Filter: single stage dry element w/ restriction indicator	Yes			Yes			Yes		
	2	Air Intake, engine: high mount fresh air intake	Yes			Yes			Yes		
	3	Air Tank: Petcock drain valve	Yes			Yes			Yes		
	4	Alternator: Delco Remy, 200 amp min	Yes			No		Leece Neville 240 amp	Yes		
	5	Back Up Lights: two 7" & two 4" LED backup lights	Yes			Yes		Back Up Lights: two 4" LED backup lights	Yes		
	6	Battery: 12 volt, two (2) group 31, 1900 CCA total	No		(3)group 31 1950 CCA	Yes		3 2100 CCA	Yes		
	7	Battery Compartment: skirt mounted with slide out ball bearing tray	No		Skirt mtd but not ball brg	Yes		Battery Compartment: skirt mounted with slide out tray	Yes		
	8	Brakes: air brake system; Q drum brakes; AD-9 dryer; auto slack adjusters; ABS	Yes			Yes			Yes		
	9	Bumpers	7			Yes					
	10	Capacity, Student Rated: 65 passengers	Yes			Yes			Yes		
	11	Cooling System: heavy duty w/ thermostatically controlled electric fans; winterfront	Yes			Yes			Yes		
	12	Cross Gate: electric front mounted cross gate with interrupt switch, heated motor/mechanism	Yes			Yes			Yes		
	12a	Cross Gate Brand	SMI			Yes			Specialty		
	13	Daytime Running Lights: activated when parking brake released	Yes			Yes			Yes		
	14	Digital Camera System: 24/7 Security Inc one digital camera system, Zeus DHD 4 channel, wireless ready installed.	Yes			Yes			Yes		
	14a	Optional: upcharge for 2 camera systems		\$ 1,871.58			\$ 129.00			\$ 225.00	
	15	Dome Lights: double row dome lights plus driver dome	Yes			Yes			Yes		
	16	Driver Seat: air ride pedestal; high backed, 6-way adj. cloth seat, w/ lumbar adjustment; left and right armrests	Yes		right arm rest only	Yes			Yes		
	16a	Driver Seat Make	National			National			National		
	16b	Driver Seat Model	2000			Air Seat			Air		

			<u>Hoglund Bus Company</u>			<u>School Bus Sales</u>			<u>Thomas Bus Sales, Inc</u>		
			<u>Response</u>	<u>Options</u>	<u>Notes</u>	<u>Response</u>	<u>Options</u>	<u>Notes</u>	<u>Response</u>	<u>Options</u>	<u>Notes</u>
ITEM# 2	DESCRIPTION	NEW SIXTY-FIVE PASSENGER CONVENTIONAL									
REQUIREMENT#	17	Emergency Equipment: 5 lb. fire extinguisher; 24 unit FAK; reflective triangle kit; body fluid kit	Yes			Yes			Yes		Mounted in overhead compartment
	18	Emergency Exits: two low-profile Transpec roof escape hatch/vents; two push-out windows per side	Yes			Yes			Yes		
	19	Engine: diesel engine; 220 HP, 520 lb/ft torque minimum. Inline 6 cylinder REQ'D.	Yes			Yes			Yes		
	19a	Engine Make	Cummins			Cummins			Cummins		
	19b	Engine Model	ISB 220/520			6.7			ISB		
	19c	Optional: upcharge for Propane power system		\$ 10,845.00	8.8 litre low RPM peak torque 1500		\$ 7,800.00	\$7800 add propane/\$2000 deduct gas		\$ 7,250.00	
	20	Engine Block Heater: 750 watt min electric with remote receptacle in front body panel	Yes			Yes			Yes		
	21	Entrance Door: outward opening; air operated; panic free with vandal locks, exterior handle	Yes			Yes			Yes		
	21a	Door Opening Width (Inches)	36			Yes			30		
	22	Exhaust System	Rear Exit			Yes			Left Side		
	23	Exterior Colors: National School Bus Yellow with black trim and bumpers, heat cured polyurethane paint. White roof.	Yes			Yes			Yes		
	24	Fenderettes: rubber fender extensions on each wheelhouse	Yes		Rear only	Yes			Yes		
	25	Floor: 5/8" marine grade plywood over galvalume steel floor structure. Blue colored floor covering	Yes					Galvanized steel floor structure. Grayolored floor covering	Yes		
	26	Front Axle: 10,000# capacity; oil hubs, CR seals	Yes			Yes			Yes		
	27	Fuel Inspection Plate: fuel inspection plate to allow access to top of fuel tank	Yes			Yes			Yes		
	28	Fuel System: 60 gallon min. tank, mounted between framrails; right side fill; latched fuel filler door; heated fuel separator	Yes		65 gallon	Yes			Yes		
	29	Gauges, Driver Info Package: speedometer, odometer, tachometer; volts, fuel, water temp, oil pressure gauges, hour meter, high water temp, low oil pressure lights & buzzers	Yes			Yes			Yes		
	30	Header Pads: header pads over all doors	Yes			Yes			Yes		

ITEM# 2	DESCRIPTION	NEW SIXTY-FIVE PASSENGER CONVENTIONAL	Hoglund Bus Company			School Bus Sales			Thomas Bus Sales, Inc		
			Response	Options	Notes	Response	Options	Notes	Response	Options	Notes
31	Headroom: 73" interior headroom minimum		Yes		78"	No		77"	No		78"
32	Heater Valves: cutoff valves for heater lines		Yes			Yes			Yes		
33	Heaters: front, driver, midship, rear; all heaters must include aluminum filters; heater booster pump		Yes			Yes			Yes		
33a	BTU for front		90,000		def/driver	90,000					High Output
33b	BTU for driver		50,000		stepwell	50,000			30,600		
33c	BTU for midship		50,000			50,000			50,000		
33d	BTU for rear		84,500			80,000			84,000		
34	Horn: dual electric horns		Yes			Yes			Yes		
35	Ignition Keys: all units keyed identically		Yes			Yes			Yes		
36	Insulation: 2" fire resistant thermal bonded polyester fiber		No		1.5	Yes			Yes		
37	Interior Colors: interior ceiling: light gray; seat frames, heaters, trim: black		Yes			Yes		Interior ceiling: Astro White	Yes		
38	Interior Side Panels: aluminized interior side panels		Yes			Yes			Yes		
39	Lettering: 8" school bus front/rear; bus # front, rear, both sides; 6" school name both sides		Yes			Yes		5" school name both sides	Yes		
40	Marker Lights: per Iowa code; LED		Yes			Yes			Yes		
41	Mirrors: 8" x 30" interior; heated exterior		No		10 x 30	Yes			Yes		
42	Passenger Seating: 52 oz. gray leatherette upholstery		Yes			Yes			Yes		
42a	Optional 1: SynTec S3C seat bases at all positions			\$1.00	BTI		\$150.00	Cost per seat CE White		\$682.00	
42b	Optional 2: SynTec S3C bases and seatbacks with integrated lap/shoulder belts			\$8,156.00	3 positions BTI		\$390.00	Cost per seat CE White		\$7,018.00	
43	Radios: must include AM/FM/PA radio w/ electronic tuning and clock. Electronic Engineering's Motorola model MOTOTRBO 2-way radio with Tallysman GPS Spritebox on DMPS' frequency, installed.		Yes			Yes			Yes		
44	Rear Axle: 21,000# capacity; synthetic lube		Yes			Yes			Yes		
45	Rear Suspension: air ride		Yes			Yes			Yes		
46	Service Access: lockable electrical panel below driver's window		Yes			Yes			Yes		
47	Shock Absorbers: heavy duty		Yes			Yes			Yes		
48	Side Windows: tinted except storm glass		Yes			Yes			Yes		
49	Sound Insulation Package: full length acoustic panels preferred		Yes			Yes			Yes		

ITEM# 2 REQUIREMENT#	DESCRIPTION	NEW SIXTY-FIVE PASSENGER CONVENTIONAL	Hoglund Bus Company			School Bus Sales			Thomas Bus Sales, Inc		
			Response	Options	Notes	Response	Options	Notes	Response	Options	Notes
50	Steering: power steering with tilt & telescoping wheel		Yes			Yes			Yes		
51	Stepwell: three step stepwell with white tread nosings		Yes		Pebble tread	Yes			Yes		
52	Stop and Tail Lights: two 7" and two 4" LED stop & tail lights		Yes			Yes		two 5" and two 4" LED stop & tail lights	Yes		
53	Stop Arm: electric w/ red LED strobing lamps, heated mechanism		Yes			Yes			Yes		
53a	Stop Arm Brand		Yes		specialty	Yes			Yes		
54	Storage, Interior: Front bulkhead overhead storage compartment		Yes			Yes			Yes		
55	Storm Glass: driver's window, entrance door		Yes			Yes			Yes		
56	Sun Visor: 6" x 30" tinted		Yes			Yes			Yes		
57	Switches: switch panel left of driver with backlit function coded rocker switches		Yes			Yes			Yes		
58	Throttle: electronic with cruise control		Yes			Yes			Yes		
59	Tires and Rims: 11R22.5 tires; 22.5" X 7.25" steel disc pilot wheels		Yes		8.25 wide	Yes			Yes		
59a	Tire Make		Hankook			Hankook			Hankook		
59b	Tire Model		AH12 and Z35A			Front AH12/Rear Z35A			AH24/DH06		
59c	Tire Rating		14 ply			Yes			14 ply		
60	Tow Hooks: two front and two rear		Yes			Yes			Yes		
61	Transmission, Automatic: Allison 2500 PTS 5 speed AOD. synthetic fluid.		Yes			Yes			Yes		
62	Turn Signal Lights: LED amber front and rear, amber side mount		Yes			Yes			Yes		7 year warranty
63	Undercoating: underbody and fuel tank to be completely undercoated		No		underbody only	Yes			Yes		
64	Vandal Locks: locking system for all doors		Yes			Yes			Yes		
65	Warning Lights: 8 light warning system with hoods, or per IA code		Yes			Yes			Yes		
66	Wheelbase: 252"		No		254"	Yes			No		259"
67	Windshield Wipers: wet arm parallelogram with intermittent control		Yes			Yes			Yes		
68	Winterfront included		Yes			Yes			Yes		
69	Wiring: color coded & numbered wiring; manual circuit breakers only, no fuses		Yes			Yes			No		Multiplex wiring

		Hoglund Bus Company			School Bus Sales			Thomas Bus Sales, Inc		
		<u>Response</u>	<u>Options</u>	<u>Notes</u>	<u>Response</u>	<u>Options</u>	<u>Notes</u>	<u>Response</u>	<u>Options</u>	<u>Notes</u>
ITEM# 3	DESCRIPTION	NEW SIXTY-FIVE PASSENGER WHEEL CHAIR LIFT CONVENTIONAL *See 65 passenger conventional school bus specifications for integrated chassis and body specs.								
3	YEAR	2017			2017			2017		
3	MAKE	IC			Blue Bird			Thomas		
3	MODEL	CE			Vision			C2		
3	UNIT	Each								
3	UNIT PRICE	\$93,168.58			\$92,716.00			\$88,901.00		
3	ESTIMATED QTY	3								
REQUIREMENT#	1	Lift : Braun Lift NL9191B-2	Yes		Yes			Yes		
	2	Lift Door: RHS, immediately behind service door	Yes		Yes			Yes		
	3	Non-W/C Seating : recessed track mounted 39" and 30" seats and barriers; fixed seats rearward of wheelwells	Yes		Yes			Yes		
	4	Railings: left and right side service door step railings	Yes		Yes			Yes		
	5	W/C Positions: five; recessed floor tracks from behind driver position to rear wheel wells	No	4 chairs see floor plan 5 with flat floor	Yes			Yes		
	6	W/C Securement: Q-Straint retractable; lap & shoulder belts	Yes		Yes			Yes		
		Base Unit Price:	\$177,473.16		\$273,452.00			\$269,616.00		
		Option Price:		\$20,873.58		\$9,009.00			\$24,975.00	
		To be delivered between July 1, 2016 and August 5, 2016. Can you comply with these dates?	Yes for diesel no for propane		Yes. Approx. 8/1/16			No		