TEM1 DESCRIPTION NEW EIGHTY-THREE PASSENGER FRONT ENGINE TRANSIT 1 MAKE				Ho	glund Bus Com	npany		School Bus Sa	les	Thomas Bus Sales, Inc		
1 YEAR				<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>
1 YFAR												
MAKE												
MODEL All American 14185				NO BID								
1 UNIT Sach S 96,087,00 S 97,812.00 1 ESTIMATED QTY 2 Air Brakes: 18.7 CFM min compressor; Q drum brakes; AD-9 Yes Yes 2 Air Filter: single stage dry element w/ restriction indicator Yes Yes Yes 3 Air Intake, engine: high mount fresh air intake Yes Yes Yes 4 Alternator: Delco Remy 200 amp min Lecce Newfille 240 Amp No Lecce No No Lecce Amp No Lecce A							Blue Bird			Thomas		
1 UNIT PRICE 1 ESTIMATED QTY 2 Air Brakes: 18.7 CFM min compressor; Q drum brakes; AD 9 dryer; auto slack adjusters; ABS 2 Air Filters: single stage day element w/ restriction indicator 3 Air Intake, engine: high mount fresh air intake 4 Yes 4 Alternator: Delco Remy 200 amp min 5 Bask Up Lights: two 7" & two 4" LED backup lights 6 Bask Up Lights: two 7" & two 4" LED backup lights 7 Bearing tray 8 Agree of the delectric flow of the stage of the							All American			1418S		
1 (STIMATED QTY 2 Air Brakes: 18.7 CFM min compressor; Q drum brakes; AD-9 dryer, auto slack adjusters; ABS Yes Yes Yes Yes Yes Air Brakes: 18.7 CFM min compressor; Q drum brakes; AD-9 dryer; auto slack adjusters; ABS Yes Yes Yes Yes Yes Yes Air Brakes: 18.7 CFM min compressor; Q drum brakes; AD-9 dryer; auto slack adjusters; ABS Yes			Each									
Air Pinkes: 18.7 CFM min compressor; Q drum brakes; AD-9 dyer; auto Slack adjusters; ABS 2 Air Filter: single stage dry element w/ restriction indicator 3 Air fintake, engine: high mount fresh air intake 4 Alternator: Delco Remy 200 amp min 5 Back Up Lights: two 7" & two a" LED backup lights 6 Battery; 12 volt, two (2) group 31, 1900 CCA total 7 Battery Compartment: skirt mounted with slide out ball 9 Capacity, Rated Student: 83 passengers 9 Capacity, Rated Student: 83 passengers 9 Capacity, Rated Student: 83 passengers 10 Daytime Running Lights: activated when parking brake released 11 released 12 System: 24/7 Security inc one digital camera system; 24/7 Security inc one digital camera 12 System; Zeus Drib 4 channel, installed. 14 Seat, W/ Immar adjustment; left and right armrests 14 Oriver Seat: air ride pedestal, high backed, 6-way adj. cloth 15 reflective triangle sit; body fluid kit 15 reflective triangle sit; body fluid kit 16 Emergency Exits: two low-profile Transpec roof escape							\$ 96,087.00			\$ 97,812.00		
REQUIREMENTAL I dryer, auto slack adjusters; ABS	1	ESTIMATED QTY	2									
2 Air Filter: single stage dry element w/ restriction indicator 3 Air Intake, engine: high mount fresh air intake 4 Alternator: Delco Remy 200 amp min 5 Back Up Lights: two 7° & two 4" LED backup lights 6 Battery: 12 Ves 6 Battery: 12 Ves 7 Ses Back Up Lights: two 7° & two 4" LED backup lights 7 Battery: 12 Ves 8 Battery: 12 Ves 9 Capacity, Rafed Student: 83 passengers 9 Capacity, Rafed Student: 83 passengers 9 Capacity, Rafed Student: 83 passengers 9 Capacity, Rafed Student: 84 passengers 10 electric fans 10 alternation: 10 Ves 11 released 12 System, Zeus DHO 4 channel, Installed. 12 System, Zeus DHO 4 channel, Installed. 13 Dome Lights: double row dome lights plus driver dome 14 seat, w/ Lumbar adjustment, lieft and right ammests 14 seat, w/ Lumbar adjustment, lieft and right ammests 15 Emergency Equipment: 5 lb, fire extinguisher; 24 unit FAK; reflective triangle kit; body fluid kit 15 Emergency Exits: two low-profile Transpec roof escape			Air Brakes: 18.7 CFM min compressor; Q drum brakes; AD-9									
A Alternator: Delco Remy 200 amp min B Back Up Lights: two 7" & two 4" LED backup lights 6 Battery: 12 volt, two (2) group 31, 1900 CCA total 7 Battery Compartment: skirt mounted with slide out ball Pess B Bumpers 9 Capacity, Rated Student: 83 passengers Cooling System: heavy duty w/f thermostatically controlled electric fans Cooling System: heavy duty w/f thermostatically controlled electric fans Daytine Running Lights: activated when parking brake 10 electric fans Digital Camera System: 24/7 Security Inc one digital camera system: 24/7 Security Inc one digital camera system: 24/7 Security Inc one digital camera system: 24/8 security Inc one digital camera system: 24/7 Security Inc one digital camera system: 24/8 security Inc one digital camera system: 24/7 Security Inc one digital ca	REQUIREMENT#	1	dryer; auto slack adjusters; ABS				Yes			Yes		
Alternator: Delco Remy 200 amp min Bartery 12 volt, two (2) group 33, 1900 CCA total Yes Battery 12 volt, two (2) group 33, 1900 CCA total Yes Battery Compartment: skirt mounted with slide out ball Yes Battery Coult Stater Sta		2	Air Filter: single stage dry element w/ restriction indicator				Voc			Vac		
A Alternator: Delico Remy 200 amp min A Alternator: Delico Remy 200 amp min Back Up Lights: two 7" & two 4" LED backup lights Yes Battery: 12 volt, two (2) group 31, 1900 CCA total Battery: Compartments skirt mounted with slide out ball Pearing tray Battery: Demark the skirt mounted with slide out ball Pearing tray Pes Battery: Demark the skirt mounted with slide out ball Pearing tray Pes Battery: Demark the skirt mounted with slide out ball Pearing tray Pes Battery: Demark the skirt mounted with slide out ball Pes Battery: Compartments: skirt mounted with slide out ball Pes Battery: Compartments: skirt mounted with slide out ball Pes Battery: Demark the skirt mounted with slide out ball Pes Batter demark the skirt mounted with slide out ball Pes Batter demark the skirt mounted with slide out ball Pes Batte		2										
4 Alternator: Delco Remy 200 amp min 5 Back Up Lights: two 7" & two 4" LED backup lights 6 Battery; 2 volt, two (2) group 31, 1900 CCA total 7 Battery; 2 volt, two (2) group 31, 1900 CCA total 7 bearing tray 8 Bumpers 8 Bumpers 9 Capacity, Rated Student: 83 passengers Cooling System: heavy duty w/ thermostatically controlled electric fans Daytime Running Lights: activated when parking brake 11 released Digital Camera System: 24/7 Security Inc one digital camera 2 system, Zeus DHO 4 channel, Installed. Driver Seat: air ride pedestal; high backed, 6-way adj. cloth seat; w/ lumbar adjustment; left and right armrests 14a Driver Seat Make Driver Seat Make National Emergency Equipment: 5 lb. fire extinguisher; 24 unit FAK; reflective triangle kit; body fluid kit Funcy Compa		3	All intake, engine. High mount fresh all intake				165		Looco Novillo 240			
5 Back Up Lights: two 7" & two 4" LED backup lights Yes		4	Alternator: Dalca Romy 200 amp min				No					Leece Neville
Sattery: 12 volt, two (2) group 31, 1900 CCA total Yes Three 2100CCA Yes		4							amp			Leece Neville
Battery Compartment: skirt mounted with slide out ball 7 bearing tray 8 Bumpers 9 Capacity, Rated Student: 83 passengers Cooling System: heavy duty w/ thermostatically controlled 10 electric fans Daytime Running Lights: activated when parking brake 11 released 12 system, Zeus DHD 4 channel, Installed. Yes Priver Seat: air ride pedestal; high backed, 6-way adj. cloth 14 seat; w/ lumbar adjustment; left and right armrests 14a Driver Seat Make National 14b Driver Seat Make National Emergency Equipment: 5 lb. fire extinguisher; 24 unit FAK; reflective triangle kit; body fluid kit Emergency Exits: two low-profile Transpec roof escape		5							Th:: 2100CCA			
7 bearing tray 8 Bumpers 9 Capacity, Rated Student: 83 passengers 10 electric fans 10 electric fans 11 released 12 system: 24/7 Security inc one digital camera 13 Dome Lights: double row dome lights plus driver dome 13 Dome Lights: double row dome lights plus driver dome 14 seat, w/ lumbar adjustment; left and right armrests 14 Driver Seat Make 15 reflective triangle kit; body fluid kit 16 Emergency Exits: two low-profile Transpec roof escape	(6	·				Yes		Three 2100CCA	Yes		
8 Bumpers 9 Capacity, Rated Student: 83 passengers 9 Yes 84 passengers Yes 10 Cooling System: heavy duty w/ thermostatically controlled electric fans 9 Ves		_										
9 Capacity, Rated Student: 83 passengers Cooling System: heavy duty w/ thermostatically controlled electric fans Daytime Running Lights: activated when parking brake released 11 released Digital Camera System: 24/7 Security Inc one digital camera system: 24/7 Security Inc one digital camera system; 24/7 Security Inc one digital camera system; 24/7 Security Inc one digital camera system, Zeus DHD 4 channel, Installed. 13 Dome Lights: double row dome lights plus driver dome Priver Seat: air ride pedestal; high backed, 6-way adj. cloth seat, w/ lumbar adjustment; left and right armrests Pes Left solid armrest Pes L		7							not ball bearing	Yes		
Cooling System: heavy duty w/ thermostatically controlled electric fans Daytime Running Lights: activated when parking brake 11 released 12 ligital Camera System: 24/7 Security Inc one digital camera system; 24/7 Security Inc one digital camera	8	8	·									
10 electric fans Daytime Running Lights: activated when parking brake released Digital Camera System: 24/7 Security Inc one digital camera System, Zeus DHD 4 channel, Installed. Dome Lights: double row dome lights plus driver dome Driver Seat: air ride pedestal; high backed, 6-way adj. cloth seat, w/ lumbar adjustment; left and right armrests Table Driver Seat Make Driver Seat Model Driver Seat Model Emergency Equipment: 5 lb. fire extinguisher; 24 unit FAK; reflective triangle kit; body fluid kit Emergency Exits: two low-profile Transpec roof escape	9	9					Yes		84 passengers	Yes		
Daytime Running Lights: activated when parking brake released Digital Camera System: 24/7 Security Inc one digital camera system, Zeus DHD 4 channel, Installed. Yes 12												
11 released Digital Camera System: 24/7 Security Inc one digital camera 12 system, Zeus DHD 4 channel, Installed. Yes Yes 13 Dome Lights: double row dome lights plus driver dome Yes Driver Seat: air ride pedestal; high backed, 6-way adj. cloth 4 seat, w/ lumbar adjustment; left and right armrests Yes 14a Driver Seat Make National 14b Driver Seat Model Air Emergency Equipment: 5 lb. fire extinguisher; 24 unit FAK; reflective triangle kit; body fluid kit Yes Yes Ieft solid armrest Yes Moun Over Seat Model Yes Yes Ieft solid armrest Yes Ieft solid armrest Yes Yes Seat Model Air Moun Over Seat Model Yes Yes Seat Model Yes Yes Seat Model Semergency Equipment: 5 lb. fire extinguisher; 24 unit FAK; reflective triangle kit; body fluid kit Yes Seat Wood Air Seat Model Semergency Equipment: 5 lb. fire extinguisher; 24 unit FAK; reflective triangle kit; body fluid kit Yes Seat Wood Air	:	10					Yes			Yes		
Digital Camera System: 24/7 Security Inc one digital camera system; 24unit FAK; reflective triangle kit; body fluid kit Digital Camera System: 24/7 Security Inc one digital camera system: 24/8 Securit			Daytime Running Lights: activated when parking brake									
12 system, Zeus DHD 4 channel, Installed. 13 Dome Lights: double row dome lights plus driver dome 14 Seat, w/ lumbar adjustment; left and right armrests 15 Priver Seat: air ride pedestal; high backed, 6-way adj. cloth seat, w/ lumbar adjustment; left and right armrests 16 Priver Seat: air ride pedestal; high backed, 6-way adj. cloth seat, w/ lumbar adjustment; left and right armrests 18 Priver Seat: Make 19 National 19 Priver Seat Make National National Air Mount Air Mount Air Mount Air Mount Air Mount Air Memergency Equipment: 5 lb. fire extinguisher; 24 unit FAK; reflective triangle kit; body fluid kit Femergency Exits: two low-profile Transpec roof escape		11					Yes			Yes		
Driver Seat: air ride pedestal; high backed, 6-way adj. cloth seat, w/ lumbar adjustment; left and right armrests 14			Digital Camera System: 24/7 Security Inc one digital camera									
Driver Seat: air ride pedestal; high backed, 6-way adj. cloth seat, w/ lumbar adjustment; left and right armrests 14a Driver Seat Make 14b Driver Seat Model 14b Driver Seat Model Emergency Equipment: 5 lb. fire extinguisher; 24 unit FAK; reflective triangle kit; body fluid kit Emergency Exits: two low-profile Transpec roof escape		12	system, Zeus DHD 4 channel, Installed.				Yes			Yes		
14 seat, w/ lumbar adjustment; left and right armrests 14 Driver Seat Make 14 Driver Seat Make 14 Driver Seat Model 15 Temergency Equipment: 5 lb. fire extinguisher; 24 unit FAK; reflective triangle kit; body fluid kit Emergency Exits: two low-profile Transpec roof escape 15 In the seat, w/ lumbar adjustment; left and right armrests National National Air Mount Yes Yes Yes Yes Yes Temergency Exits: two low-profile Transpec roof escape	:	13	Dome Lights: double row dome lights plus driver dome				Yes			Yes		
14 seat, w/ lumbar adjustment; left and right armrests 14 Driver Seat Make 14 Driver Seat Make 14 Driver Seat Model 15 Temergency Equipment: 5 lb. fire extinguisher; 24 unit FAK; reflective triangle kit; body fluid kit Emergency Exits: two low-profile Transpec roof escape 15 In the seat, w/ lumbar adjustment; left and right armrests National National Air Mount Yes Yes Yes Yes Yes Temergency Exits: two low-profile Transpec roof escape												
14a Driver Seat Make National National National 14b Driver Seat Model Air Air Mount												
14b Driver Seat Model Emergency Equipment: 5 lb. fire extinguisher; 24 unit FAK; 15 reflective triangle kit; body fluid kit Emergency Exits: two low-profile Transpec roof escape			seat, w/ lumbar adjustment; left and right armrests				Yes		left solid armrest	Yes		
Emergency Equipment: 5 lb. fire extinguisher; 24 unit FAK; 15 reflective triangle kit; body fluid kit Emergency Exits: two low-profile Transpec roof escape Mout			Driver Seat Make				National					
Emergency Equipment: 5 lb. fire extinguisher; 24 unit FAK; 15 reflective triangle kit; body fluid kit Emergency Exits: two low-profile Transpec roof escape	:	14b	Driver Seat Model				Air			Air		
15 reflective triangle kit; body fluid kit Yes Emergency Exits: two low-profile Transpec roof escape												Mounted in
Emergency Exits: two low-profile Transpec roof escape			Emergency Equipment: 5 lb. fire extinguisher; 24 unit FAK;									overhead
	<u>'</u>	15	reflective triangle kit; body fluid kit				Yes			Yes		compartment
			Emergency Exits: two low-profile Transper roof escape									
16 hatch/vents, three push-out windows per side Yes Yes	,	16	hatch/vents, three push-out windows per side				Vac			Vec		

			Ho:	glund Bus Com	<u>ipany</u>		School Bus Sa	<u>les</u>	<u>Thomas Bus Sales, Inc</u>		
		Re	<u>esponse</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>
ITFM# 1	DESCRIPTION	NEW EIGHTY-THREE PASSENGER FRONT ENGINE TRANSIT									
II LIVI# 1	DESCRIPTION	NEW EIGHT TIMEET ASSENGER TROIT ENGINE TRAISIT									
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		
		Engine Block Heater: 750 watt min electric with remote									
	18	receptacle in front body panel				Yes			Yes		
		Entrance Door: outward opening; air operated; panic free									
	19	with vandal locks, exterior handle				Yes			Yes		
	19a	Door Opening Width (Inches)				Yes			30		
	20	Exhaust System: single 4" exhaust				Yes			Yes		
		Exterior Colors: National School Bus Yellow with black trim									
	21	and bumpers, heat cured polyurethane paint. White roof.				Yes			Yes		
		регодина и предостава и предост				100					
	22	Fenderettes: rubber fender extensions on each wheelhouse				Yes			Yes		
								Galvanized steel			
								floor structure.			
		Floor: 5/8" marine grade plywood over galvalume steel						Gray colored			
	23	floor structure. Blue colored floor covering				Yes		floor covering	Yes		
	24	Front Axle: 13,200# capacity; oil hubs, CR seals				Yes			Yes		
		Fuel Inspection Plate: fuel inspection plate to allow access									
	25	to top of fuel tank				Yes			Yes		
		Fuel System: 100 gallon min., mounted between framerails									
	26	behind rear axle, right side fill, latched fuel filler door				Yes			Yes		
		Gauges, Driver Info Package: speedometer, odometer,									
		tachometer; volts, fuel, water temp, oil pressure gauges,									
		hour meter, high water temp, low oil pressure lights &									
	27	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		
		Heaters: front, driver, midship, rear; all heaters must									
	31	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		

			<u>Ho</u>	glund Bus Com	<u>ipany</u>		School Bus Sal	<u>es</u>	<u>Thomas Bus Sales, Inc</u>		
		<u>R</u>	Response	<u>Options</u>	<u>Notes</u>	<u>Response</u>	<u>Options</u>	<u>Notes</u>	<u>Response</u>	<u>Options</u>	<u>Notes</u>
ITENA# 4	DESCRIPTION	NEW FIGURY TUBER DASSENCED, FRONT FAIGURE TRANSIT									
REQUIREMENT#	DESCRIPTION	NEW EIGHTY-THREE PASSENGER FRONT ENGINE TRANSIT BTU for rear				80.000			94.000		
REQUIREMENT#		Horn: dual electric horns				80,000			84,000		
	32					Yes			Yes		
	33	Ignition Keys: all units keyed identically				Yes			Yes		
	34	Insulation: 2" fire resistant thermal bonded polyester fiber				Yes			Yes		
		Interior Colors: interior ceiling: light gray; seat frames,									
	35	heaters, trim: black;				Yes		Astro White	Yes		
	36	Interior Side Panels: aluminized interior side panels				Yes			Yes		
		Lettering: 8" school bus front/rear; bus # front, rear, both						5" school name			
	37	sides; 6" school name both sides				Yes		both sides	Yes		
	38	Marker Lights: per lowa code; LED				Yes			Yes		
	39	Mirrors: 6" x 30" interior; heated exterior				Yes			Yes		
	40	Passenger Seating: 52 oz. gray leatherette upholstery				Yes			Yes		
								Cost per seat for			
	40a	Optional 1: SynTec S3C seat bases at all positions					\$ 150.00	CE White		\$ 868.00	
		Optional 2: SynTec S3C bases and seatbacks with integrated						Cost per seat for			
	40b	lap/shoulder belts					\$ 390.00	CE White		\$ 8,932.00	
		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									
	41	DMPS' frequency, installed.				Yes			Yes		
	42	Rear Axle: 23,000# capacity; synthetic lube				Yes			Yes		
		Service Access: front access panels for engine, wiper									
		motors and radiator. Lockable electrical panel below									
	43	driver's window				Yes			Yes		
	44	Shock Absorbers: heavy duty				Yes			Yes		
	45	Side Windows: tinted except storm glass				Yes			Yes		
		Sound Insulation Package: full length acoustic panels									
	46	preferred				Yes			Yes		
	47	Steering: power steering with tilt & telescoping wheel				Yes			Yes		
	48	Stepwell: three step stepwell with white tread nosings				Yes			Yes		
	-	Stop and Tail Lights: two 7" and two 4" LED stop & tail									
	49	lights				Yes			Yes		
		Stop Arm: electric w/ red LED strobing lamps, heated									
	50	mechanism				Yes			Yes		
	50a	Stop Arm Brand				Yes			Specialty		

			<u>Ho</u>	glund Bus Com	<u>ipany</u>		School Bus Sa	<u>les</u>	Thomas Bus Sales, Inc		
		Res	sponse .	<u>Options</u>	<u>Notes</u>	<u>Response</u>	<u>Options</u>	<u>Notes</u>	<u>Response</u>	<u>Options</u>	<u>Notes</u>
ITERAU 4	DESCRIPTION	NEW FIGURY TURES DASSENGED ERONT ENGINE TRANSIT									
REQUIREMENT#	DESCRIPTION	NEW EIGHTY-THREE PASSENGER FRONT ENGINE TRANSIT				Van			Vaa		
REQUIREIVIEN I#		Storm Glass: driver's window, entrance door Sun Visor: 6" x 30" tinted				Yes			Yes		
	52	Sun visor: 6 x 30 tinted				Yes			Yes		
	53	Suspension: 13,200# front parabolic, 23,000# AIR RIDE rear				Yes			Yes		
		Switches: switch panel left of driver with backlit function									
	54	coded rocker switches				Yes			Yes		
	55	Throttle: electronic with cruise control				Yes			Yes		
		Tires and Rims: 11R22.5 M&S tires; 22.5" X 8.25" steel disc									
	56	pilot wheels				Yes			Yes		
	56a	Tire Make				Hankook			Hankook		
	300	THE HUNC				Front AH			TIGHNOOK		
	56b	Tire Model				12/Rear 235A			Z35A		
	56c	Tire Rating				Yes			14		
	57	Tow Hooks: two front and two rear				Yes			Yes		
	57					res			res		
	F.0	Transmission, Automatic: Allison 3000 PTS 5 speed AOD.									7
	58	Synthetic fluid.				Yes			Yes		7 year warrar
	59	Turn Signal Lights: amber front and rear, amber side mount				Yes			Yes		
		Undercoating: underbody incl fuel tank to be completely									
	60	undercoated				Yes			Yes		
	61	Vandal Locks: locking system for all doors				Yes			Yes		
		Warning Lights: 8 light warning system with hoods, or per									
	62	IA code				Yes			Yes		
	63	Wheelbase: 231"				Yes		232"	Yes		
		Windshield Wipers: wet arm parallelogram with									
	64	intermittent control				Yes			Yes		
								Wiring: color			
								coded &			
								numbered			
		Wiring: color coded & numbered wiring; manual circuit						wiring; manual			
	65	breakers only, no fuses				Yes		fuses	Yes		
ITFM# 2	DESCRIPTION	NEW SIXTY-FIVE PASSENGER CONVENTIONAL				1.03			. 55		
	YEAR		2017			2017			2017		
	MAKE		IC			Blue Bird		+	Thomas		
	MODEL		CE			Vision			C2		
	UNIT	Each	CE			VISIUII			CZ		
	UNIT PRICE		,304.58			\$84,649.00			\$82,903.00		
			,504.58			\$84,049.00			\$82,903.00		
2	ESTIMATED QTY	2									1

		<u>H</u>	oglund Bus Cor	mpany		School Bus Sales	Thomas Bus Sales, Inc		
		<u>Response</u>	<u>Options</u>	<u>Notes</u>	<u>Response</u>	Options Notes	<u>Response</u>	<u>Options</u>	<u>Notes</u>
ITEM# 2 DESCRI	PTION NEW SIXTY-FIVE PASSENGER CONVENTIONAL								
1									
REQUIREMENT#	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						Leece Neville 240			
	Alternator: Delco Remy, 200 amp min	Yes			No	amp	Yes		
5						Back Up Lights:			
						two 4" LED			
	Back Up Lights: two 7" & two 4" LED backup lights	Yes			Yes	backup lights	Yes		
6				(3)group 31 1950					
	Battery: 12 volt, two (2) group 31, 1900 CCA total	No		CCA	Yes	3 2100 CCA	Yes		
7						Battery			
						Compartment:			
						skirt mounted			
	Battery Compartment: skirt mounted with slide out ball			Skirt mtd but not		with slide out			
	bearing tray	No		ball brg	Yes	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			right arm rest					
	seat, w/ lumbar adjustment; left and right armrests	Yes		only	Yes		Yes		
16a	Driver Seat Make	National			National		National		
16b	Driver Seat Model	2000			Air Seat		Air		

			Ho	oglund Bus Cor	mpany		School Bus Sa	es	Thomas Bus Sales, Inc		
			Response	Options	Notes	Response	Options	Notes	Response	Options	Notes
ITEM# 2	DESCRIPTION	NEW SIXTY-FIVE PASSENGER CONVENTIONAL	-			-	-		-	-	
	17										Mounted in
		Emergency Equipment: 5 lb. fire extinguisher; 24 unit FAK;									overhead
REQUIREMENT#		reflective triangle kit; body fluid kit	Yes			Yes			Yes		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		-					\$7800 add			
					8.8 litre low RPM			propane/\$2000			
		Optional: upcharge for Propane power system		\$ 10,845.00	peak torque 1500		\$ 7,800.00	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		
		Exterior Colors: National School Bus Yellow with black trim									
	23	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										
								Galvanized steel			
								floor structure.			
		Floor: 5/8" marine grade plywood over galvalume steel						Grayolored floor			
		floor structure. Blue colored floor covering	Yes					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		
		Fuel System: 60 gallon min. tank, mounted between									
		framerails; right side fill; latched fuel filler door; heated fuel									
	28	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		

			<u>Hc</u>	oglund Bus Cor	mpan <u>y</u>		School Bus Sa	<u>les</u>	<u>Thomas Bus Sales, Inc</u>		
			Response	Options	<u>Notes</u>	Response	<u>Options</u>	<u>Notes</u>	<u>Response</u>	Options	<u>Notes</u>
ITEM# 2	DESCRIPTION	NEW SIXTY-FIVE PASSENGER CONVENTIONAL									
REQUIREMENT#	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 Outpu
	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,						Interior ceiling:			
		heaters, trim: black	Yes			Yes		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						5" school name			
		sides; 6" school name both sides	Yes			Yes		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							Cost per seat CE			
		Optional 1: SynTec S3C seat bases at all positions		\$1.00	BTI		\$150.00	White		\$682.00	
	42b	Optional 2: SynTec S3C bases and seatbacks with integrated						Cost per seat CE			
		lap/shoulder belts		\$8,156.00	3 positions BTI		\$390.00	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		
		F							. 55		

			Ho	glund Bus Cor	<u>npany</u>		School Bus Sa	les	Thomas Bus Sales, Inc		
			Response	<u>Options</u>	<u>Notes</u>	Response	<u>Options</u>	<u>Notes</u>	<u>Response</u>	Options	Notes
ITEM# 2	DESCRIPTION	NEW SIXTY-FIVE PASSENGER CONVENTIONAL									
REQUIREMENT#	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							two 5" and two			
		Stop and Tail Lights: two 7" and two 4" LED stop & tail						4" LED stop & tail			
		lights	Yes			Yes		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					Front					
			AH12 and			AH12/Rear					
		Tire Model	Z35A			235A			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 warrant
	63	Undercoating: underbody and fuel tank to be completely									<u> </u>
		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							1.0		
	1 =	intermittent control	Yes			Yes			Yes		
	68	Winterfront included	Yes			Yes			Yes		
	69	Wiring: color coded & numbered wiring; manual circuit	. 55			. 55			. 55		
	1	breakers only, no fuses	Yes			Yes			No		Multiplex wiri

Des Moines Public Schools

			Ho	glund Bus Con	npan <u>y</u>		School Bus Sale	<u>es</u>	<u>Th</u>	omas Bus Sale	s, 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>
		NEW SIXTY-FIVE PASSENGER WHEEL CHAIR LIFT CONVENTIONAL									
		*See 65 passenger conventional school bus specifications									
ITEM# 3	DESCRIPTION	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			Yes. Approx.					
			no for propane			8/1/16			No		