



David Lancaster Transportation Director

October 2, 2018

Trigg County Public Schools

180 Glenwoodmill RD

Cadiz KY. 42211

Travis Hamby Superintendent

Trigg County Public Schools

Cadiz Ky. 42211

Dear Mr. Hamby and Distinguished Board Members:

I would like to present my request for the purchase of two new buses for the 2019-2020 school year. As you know the transportation department as well as the school strives to maintain the best and safest possible transportation for our students. We accomplish this goal by purchasing new buses each year and replacing older buses in our fleet.

My proposal is for the district to purchase two 66 passenger Thomas Built C2 Buses. The specifications of each bus will be the same as previous years' buses, except each will be equipped with a larger engine and transmission. In the past the larger engine and transmission upgrade was standard procedure. To put it simply, the combination produces less strain, wear, and tear on the bus and its components. Ultimately, it leads to a cost savings for the district.

The rest of the specifications will remain the same: 100-gal fuel tank, Seon surveillance camera system, adjustable pedals, am/fm/pa radio system, and right and left-hand luggage bays.

The Thomas Built buses have served us well for several years. There is a dealer in close proximity to us, which is located in Hopkinsville. This makes it convenient for bus parts and service.

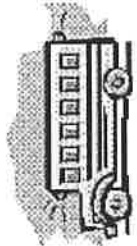
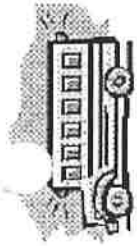
Please see attached pricing form Kentucky Department of Education.

Thank you all for your continued support of the Transportation Department and the safety of Trigg County School's students.

Sincerely,

David Lancaster

Transportation Director



**KENTUCKY DEPARTMENT OF EDUCATION  
2019 SCHOOL BUS PURCHASE AUTHORIZATION  
TYPE C AND TYPE D SCHOOL BUSES**

The Board of Education \_\_\_\_\_, Kentucky, on \_\_\_\_\_, 20\_\_\_\_, in a legally called and constituted meeting, did vote to purchase school buses through the Kentucky State Contract price procedure.

This Board of Education took this official action in order to authorize the Chief State School Officer to procure 2018 school buses. This action, as spread upon the minutes of the meeting of this Board of Education on the above date, should be construed as evidence of obligation of this Board of Education to purchase the above school buses through State Price Contract agreements established in accordance with statutory authority.

Signed

\_\_\_\_\_, Secretary

\_\_\_\_\_, Superintendent

Of \_\_\_\_\_, Board of Education

Date \_\_\_\_\_,

BODY SIDE NUMBERS: Indicate the body side number the Board of Education wants painted on the body side of each school bus. Match body side number to individual item numbers. Example: Item 1 - Side number - 5, 6, 7, 8

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ATTACH ADDITIONAL INFORMATION IF NECESSARY

This form meets all  
requirements of  
Form F-SA-8

Voucher No. \_\_\_\_\_

**SCHOOL ACTIVITY and/or  
SCHOOL BOARD FUNDS  
PURCHASE REQUEST**

School Trigg County Board of Education Activity Code 90110910732  
Address 202 Main Street Cadiz KY 42211  
Street# City State Zip

(Section A)

Name of Firm  
Address

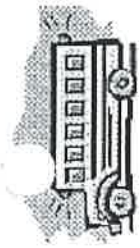
Whayne Supply Power System Division  
P.O. Box 35900, Louisville Ky.40232  
1-800 -4WHAYNE

FAX

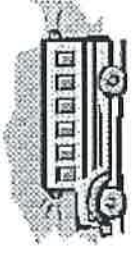
Line #	Quantity				
A.	2	Type C	Thomas Built Buses 220 hp, 3000 trans, 66 Passenger	\$91,465.00	\$ 182,930.00
B.	2		Upgrades from 220hp to 250hp	\$975.00	\$ 1,950.00
C.	2		Delphi DEA510 AM/FM/ With Page	\$600.00	\$ 1,200.00
D.	2		100 In Storage boxes Right Hand	\$1,140.00	\$ 2,280.00
E.	2		100 In Storage boxes Left Hand	\$1,140.00	\$ 2,280.00
F.	2		100 Gallon fuel tanks	\$600.00	\$ 1,200.00
G.	2		adjustable pedals	\$935.00	\$ 1,870.00
H.	2		TH4 Seon Camera system includes 4HDchannels, audio	\$1,385.00	\$ 2,770.00
I.			security cover with lock, power harness, 500GB hard drive		
J.			wiring harness with alarm button and one camera head		
K.	2		GPS antenna	\$140.00	\$ 280.00
L.	6		HD1Q0xANyy HD camera haed 2.5mm, 3.6 mm, 6mm	\$310.00	\$ 1,860.00
M.	2		New Sysytem install for Seon camera	315	\$ 630.00
	6		<b>additional camera head install (per head)</b>	70	\$ 420.00
					\$199,670.00

Requested by: David Lancaster Date: 9/13/2018

Approved by:  Date: \_\_\_\_\_



2019 PA-1

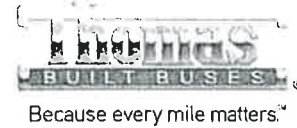


BOARD OF EDUCATION

## TYPE A &amp; C SCHOOL BUSES

Item #	No. To Be Purchased	Capacity	Engine & Chassis Manufacturer	HP	Trans	Brakes	Fuel Tank Location	Wheel Base	Rear Axle Overhang	FOB KY Price
1		18	Ford 3.2L, Bluebird	185	Ford	H	Left Side Middle	138	45	\$68,871.00
2		20	Ford Transit 3.2L, Collins	185	Ford	H	Left Side Middle	148	78	\$69,669.00
3		34	Cummins ISB, Bluebird	220	2500	AB	Center Rear	169	125	\$81,730.00
4		34	Cummins ISB, Bluebird	220	2500	AB	Center Rear	189	125	\$81,730.00
5		34	Cummins ISB, International	220	2500	AB	Center Rear	170	93	\$80,903.00
6		34	Cummins ISB, Thomas	200	2500	AB	Center Rear	159	99	\$83,401.00
7		52	Cummins ISB, Bluebird	220	2500	AB	Center Rear	217	132	\$83,380.00
8		52	Cummins ISB, International	220	2500	AB	Center Rear	218	127	\$83,817.00
9		52	Cummins ISB, International	250	2500	AB	Center Rear	218	127	\$84,392.00
10		52	Cummins ISB, Thomas	200	2500	AB	Center Rear	219	129	\$85,406.00
11		66	Cummins ISB, Bluebird	220	2500	AB	Center Rear	273	153	\$83,185.00
12		66	Cummins ISB, Bluebird	250	3000	AB	Center Rear	273	153	\$88,520.00
13		66	Cummins ISB, International	220	2500	AB	Center Rear	276	140	\$85,111.00
14		66	Cummins ISB, International	220	3000	AB	Center Rear	276	140	\$89,600.00
15		66	Cummins ISB, International	250	2500	AB	Center Rear	276	140	\$85,686.00
16		66	Cummins ISB, International	250	3000	AB	Center Rear	276	140	\$90,175.00
17		66	Cummins ISB, Thomas	220	2500	AB	Center Rear	279	149	\$87,289.00
18		66	Cummins ISB, Thomas	220	3000	AB	Center Rear	279	149	\$91,465.00

x 2  
182,930.00



## Whayne Supply supporting Thomas Built Buses

10001 Linn Station Rd. | Louisville, KY 40223 | 1-800-4WHAYNE

**\* We are pleased to announce that effective August 1st 2018 all Thomas C2 buses will come standard with the new safety feature Electronic Stabilization Control and the new maintenance feature All-Wheel Alignment \***

**\* New this year financing options are available thru Daimler Financial (please ask your sales representative for details and rates)**

**All options listed are factory installed unless noted otherwise.**

Dealer installed options may be available but additional charges for shipping & labor may apply. Talk to your Whayne sales rep today for more info, other options as well as quantity discounts.

### WARRANTY – EXTENDED & TOWING

<b>Type C &amp; D Buses (C2, EFX, HDX)</b>
<b>FREE 5-YEAR BUMPER-TO-BUMPER WARRANTY</b> WITH BUS PURCHASE does not include maintenance and wear items (Ky State Spec requires all buses to have 5-year warranty) <ul style="list-style-type: none"> <li>• Thomas standard towing coverage is 6-months from the in-service date for up to \$450.00 per occurrence for a warrantable failure.</li> <li>• Cummins will cover towing up to 24-months from in-service date for warrantable failure.</li> <li>• Allison will cover towing up to 36-months from in-service date for warrantable failure.</li> </ul>
<b>Allison 2350 PTS &amp; 2500 PTS Transmissions</b>
<b>FREE 7-YEAR COVERAGE ON ALLISON 2350 &amp; 2500 TRANSMISSION</b> <ul style="list-style-type: none"> <li>• Thomas Built Buses will add two years to its Allison transmission coverage, for a total of seven years. The increased transmission warranty will be <i>provided at no additional cost</i> on Thomas Built school bus models manufactured in calendar year 2016 through December 2018.</li> </ul>

### RADIO – AM/FM with CD PLAYER

Both Type C & D buses now feature DELPHI DEA510 RADIO which includes large character display, 7-channel weather band, reverse **mute**, and **speed** compensated volume

<b>Type C - 34 pass. shell has 4 flush-mounted speakers, all other C2 include 6 flush-mounted speakers</b>	
Radio (no page)	\$525
Radio with Page	\$600 •
<b>Type D – has 8 flush-mounted speakers</b>	
Radio (no page)	\$630

x 2  
\$1,200.00



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Radio with Page	\$700
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### AIR CONDITIONING

<b>Type C (C2 Saf-T-Liner)</b> - includes separate driver in-dash air conditioning if option selected		
34 passenger shell	85,000 BTU system dealer installed*	\$7065
52 – 72 passenger shell	126,000 BTU System factory installed*	\$10170
<b>Type D Forward &amp; Rear Control (EFX &amp; HDX)</b> in-dash air conditioning not an option on Type D buses		
70 – 84 passenger shell	120,000 BTU System factory installed	\$10485

\*Exceeds state minimum requirements for A/C

### HORSEPOWER UPGRADE

<b>Type C Buses (C2 Saf-T-Liner)</b>		
34 – 52 passenger shell	Upgrade from 200hp to 220hp	\$475
34 – 72 passenger shell	Upgrade from 220hp to 250hp	\$975 •
<b>Type D Rear Engine Buses (HDX)</b>		
78 passenger HDX	Upgrade from 240hp to 260hp	\$975
78 passenger HDX	Upgrade from 260hp to 280hp	\$1100

x2  
\$1950

### LUGGAGE COMPARTMENTS (skirt mounted)

<b>Compatibility</b>	
1. Air Conditioning and/or lift units installed in conjunction with storage boxes may limit some of the available storage box options.	
2. Not all boxes listed below can be combined together on an order.	
Please discuss with your Whayne Sales contact to accommodate your needs.	
LS = Left Side or Driver Side      RS = Right Side or Street Entrance Side	

<b>Type C (C2 Saf-T-Liner)</b>				
Availability	Option	Dimensions	Location	Price
34 – 72 pass.	30" Storage Box	30" L x 20" H x 25" D (8.9 ft³)	LS &/or RS	\$425
52 – 72 pass.	60" Storage Box	60" L x 20" H x 25" D (17.8 ft³)	LS &/or RS	\$855
66 – 72 pass.	100" Storage Box	100" L x 20" H x 25" D (29.7 ft³)	LS &/or RS	\$1140

x4  
4560

<b>Type D Forward Control (EFX)</b>				
Availability	Option	Dimensions	Location	Price
70 – 78 pass.	60" Storage Box	60" L x 19" H x 26" D	LS &/or RS	\$980





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78 pass only	100" Storage Box	100" L x 24" H x 26" D	LS &/or RS	\$1170
Gas Spring Cargo Door in lieu of chain link retainers (2 springs)			\$80 per box	

### Type D Rear Engine (HDX)

Availability	Option	Dimensions	Location	Price
78 & 84 pass.	60" Storage Box	60" L x 19" H x 26" D	LS &/or RS	\$950
78 & 84 pass.	100" Storage Box	100" L x 24" H x 26" D	LS &/or RS	\$1350
Gas Spring Cargo Door in lieu of chain link retainers (2 springs)			\$80 per box	
78 & 84 pass.	Center Pass Thru	125" L x 23.25" H (129 ft³)		\$4190
Gas Spring Cargo Door in lieu of chain link retainers (8 springs)			\$210 for thru box	

## WEBASTO HEATER

### Type C (C2 Saf-T-Liner)

Webasto Heater with a 7-day timer \$925

### Type D Forward & Rear Control (EFX & HDX)

Webasto Heater with a 7-day timer \$1630

## OTHER FACTORY INSTALLED OPTIONS

Adjustable Pedals (C2 & HDX)	\$935
Air Disc Brakes for all bus types (C2, HDX & EFX)	\$1145
GPS / Cell adapter	Included at no charge
Exhaust Brake (C2 & HDX)	Included at no charge
Upgrade 35-gallon fuel tank to 60-gallon on 34 pass shell (C2)	\$395
Upgrade 60-gallon fuel tank to 100-gallon on 52-72 pass (C2)	\$600
Michelin Tires are standard on all bus types (C2, HDX & EFX)	Included at no charge
Upgrade from 14ply to 16ply tires on C buses	\$525

x2  
\$1870.00

x2  
\$1200.00

## BUSWISE™ TECHNOLOGIES



### AVAILABLE FOR PILOT ON TYPE C BUSES (C2 Saf-T-Liner)

Mobileye Collision Avoidance	Camera based system features lane departure warning (above 35mph), headway monitoring warning (follow time, above 19mph), forward collision warning (active at all speeds), pedestrian/cyclist detection warning, and speed-limit indication	\$800
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### SURVEILLANCE

**SEON**

SEON CAMERA SYSTEM		
TH4	SEON TH4 DVR camera system includes: 4 HD channel/ports, audio, security front cover with lock set, mounting bracket, power harness, 500GB hard drive, wiring bundle with diagnostic indicator/alarm button, and one HD1Q0xAN20 camera head (2.8mm, 3.6mm, or 6mm)	\$1,385
TH6	SEON TH6 DVR camera system includes: 6 HD channel/ports, audio, security front cover with lock set, mounting bracket, power harness, 500GB hard drive, wiring bundle with diagnostic indicator/alarm button, and one HD3Q0xAN20 camera head (2.8mm, 3.6mm, or 6mm)	\$1,750
TX8	SEON Explorer TX8 DVR camera system includes: 1 CQ dome camera (2.9mm, 3.6mm, or 6mm lens), 8 channel/ports, lock box, 320gb dual hard drive (640gb total), and diagnostic event button w/signal harness	\$2080

x2  
\$2770.00

SEON ACCESSORIES		
CAMERA PLACEMENT	<p>Please note location for each additional camera head when ordering. Some locations may need to be slightly adjusted during installation to accommodate correct viewing and construction interference. Suggested lens size per location in parenthesis.</p> <ul style="list-style-type: none"> <li>- Front Facing Rear – 20' harness (3.6 or 6mm)</li> <li>- Driver Toward Stepwell – 20' harness (2.5 or 2.9 mm)</li> <li>- Mid-Ship/Side Emergency Door – 50' harness (3.6mm)</li> <li>- Rear of Bus Facing Forward – 50' or 75' harness (2.5mm, 2.8mm, 2.9mm)</li> <li>- Driver/Road View – 20' harness (3.6mm or 6mm)</li> </ul>	
GPS4	GPS Antenna	\$140
TL-HK500G	500 GB Hard Drive for old systems TL2 or TL4	\$235
TH-HK500G	500 GB Hard Drive for new TH4 or TH6	\$260
CQ9xxAyy	CQ Dome Camera Head with Infrared (2.9mm, 3.6mm, or 6mm)	\$250
CQ902A20	CQ Dome Camera Head with IR & wide angle (2.5mm – aka "Fisheye")	\$270
CJ90xA20	CJ Dome Camera Head for Driver/Road View (3.6mm or 6mm, no IR)	\$250
CQMPx	Mounting bracket for CJ Road View Camera (4", 6", or 6" angled)	\$70
HD1Q0xANyy	HD Dome Cam. head (2.5mm, 3.6mm, 6mm) for TH4	\$310
HD3Q0xAlyy	HD Dome Cam. head (2.8mm, 3.6mm, 6mm) for TH6	\$375
CA1016EI20	Exterior Stop Arm Camera 16mm, 20' harness	\$370
HD1W16EI20	HD Exterior Stop Arm Camera 16mm, 20' harness for TH4/6	\$415
HD3W16EI20	HD Exterior Stop Arm Camera 16mm, 20' harness TH6	\$415
LMK	SEON LCD Monitor	\$370
HDD-STB	SEON Reader Dock, Trackball, software VMAX View (new customers only)	\$290

x2  
\$280.00

x4  
\$1860.00





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**SEON**

<b>SEON ACCESSORIES</b> <i>(continued)</i>		
1HDD-DOCK	Reader dock only, no software or mouse	\$160
SRLGA07	Smart Reach Lite, 2.4 GHz, standard antenna, wNMO mount 6' cable, & POE adaptor	\$575

*\*SEON items may incur additional charges for shipping and handling depending on quantity ordered. Seon systems and accessories are not Thomas supplied parts.*

<b>SEON CAMERA INSTALLATION</b>		
<b>New System</b>	Basic System Installation on Type C or Type D new buses – does not include removal of pre-existing systems (quote required). Minotours or Vans may require additional labor and parts, please ask for quote.	<b>\$315</b>
<b>Camera Install</b>	Installation for each additional camera head	<b>\$70</b>

*x2  
\$630.00*

*x6  
\$420.00*

## FLEET TRACKING

<b>SEON</b> <a href="http://www.seon.com">www.seon.com</a>		
vMax® Compass	The vMax Compass suite of products gives you the tools to manage the school transportation experience from start to finish and gain greater insight into your operations by providing: Route planning, driver dispatch, parent portal, field trip management and fleet maintenance. You'll be able to identify parts and labor savings opportunities and improve the efficiency of your maintenance operations.	Call for pricing, license and user fees apply and is based on fleet size
vMax® Live Plus	Find a bus in an instant and easily track vehicle movement. Real-time fleet tracking and management system with live video streaming in one simple, web-based application. Get updates and critical alerts based on bus location, direction, speeds, stops, and alarms every 20 seconds.	Subscription required and rates vary

<b>ZONAR®</b> <a href="http://www.zonarsystems.com">www.zonarsystems.com</a>	
<p>All Thomas Buses come equipped with Zonar® V3 system module and Zonar® GPS antenna. A subscription is required for services. Upgradeable services will require additional accessories. Zonar® systems can provide real time tracking, electronic inspections, and other operating solutions for pupil transportation.</p> <ul style="list-style-type: none"> <li>• <i>Safety</i> – ensure pre- and post-trip inspections are performed accurately; dynamic geo-fencing helps track true idle, speed and odometer</li> <li>• <i>Service</i> – remote engine and system diagnostics</li> </ul>	<p>Subscription required and rates vary</p> <p>Additional accessories also available upon request</p> <p>Contact your local sales rep for pricing of services as well as add-on equipment</p>