

FLORIDA TRANSPORTATION SYSTEMS, INC.

**REPRESENTING
ELDORADO NATIONAL**



ORDER PACKET

**Contract #TRIPS-MD-17-FTS
Medium Duty Type Transit Vehicles**

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

CONTRACT # TRIPS-MD-17-FTS

**ORDER PACKET FOR
31' ELDORADO NATIONAL MEDIUM DUTY BUSES
WITH 35,000 # GVWR
FLORIDA TRANSPORTATION SYSTEMS, INC.**

GENERAL INFORMATION

The Transit Research Inspection Procurement Services (TRIPS) issued Proposal #TRIPS-MD-17-RFP to establish a series of state contracts for the purchase of Medium Duty Bus Type Vehicles. Through this process two contracts were awarded to two different vendors each representing a different vehicle manufacturer.

This Order Packet is for Contract #TRIPS-MD-17-FTS, which was awarded to Florida Transportation Systems, Inc. in November 2018 to provide Eldorado National Medium Duty Type Vehicles in lengths of approximately 31 feet.

This Order Packet contains the necessary instructions and forms for agencies to place an order with Florida Transportation Systems, Inc. to purchase these vehicles. This Order Packet also provides guidance and clarity on the relationships between the seller, the buyer, and Florida DOT's TRIPS program.

The complete Contract #TRIPS-MD-17-FTS is accessible from the TRIPS website and contains the following sections:

- **Part 1** - General Requirements and Conditions, and Contractual Provisions
(Including copies of all U.S. DOT Federal Transit Administration certifications)
- **Part 2** - Technical Specifications
- **Part 3** - Options
- **Part 4** - Quality Assurance Provisions
- **Part 5** - Warranty Provisions
- **Part 6** - Paint Schemes.

For further information on the TRIPS and Contract #TRIPS-MD-17-FTS, please contact either Carlton Allen (850-921-7345) or Lazara Stinnette (813-974-0695) at the University of South Florida, Center for Urban Transportation Research (CUTR).

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

VENDOR INFORMATION

To place an order for a vehicle under Contract #TRIPS-MD-17-FTS, contact Robert Frick at Florida Transportation System, Inc.:

- **Address:** Florida Transportation System, Inc.
7703 Industrial Lane Tampa, Florida 33637
- **Telephone #:** (800) 282-8617 ext. 330
- **Fax #:** (813) 347-9822
- **Email:** *rfrick@fts4buses.com*
- **Contact Person:** Robert Frick, Commercial Sales

PROCEDURE for ORDERING

Procedures contained in this section will be used by agencies and vendors to provide guidance in the ordering of and payment for vehicles. Agencies should understand that each order placed with and acknowledged by Florida Transportation Systems, Inc. constitutes a contract between the purchaser and Florida Transportation Systems, Inc. only. The contract implies no duties or responsibilities by the University of South Florida, Center for Urban Transportation Research, or the Florida Department of Transportation. The terms and conditions of the said contract are to be administered and enforced by and between the purchaser and vendor. All parties are advised to fully review the full contract document available on the TRIPS website. Contract #TRIPS-MD-17-FTS will be the governing document.

ORDERING INSTRUCTIONS

Agencies must utilize the order forms in this Order Packet to place their orders. Agencies are encouraged to contact and work closely with Florida Transportation Systems, Inc. in finalizing their orders, to fully understand the options available, to select the floor plans and seating selections, the paint schemes, and any special options or conditions that may impact the final order and purchase price. Please submit a separate order form for each vehicle ordered.

Contract #TRIPS-MD-17-FTS is to provide Eldorado National Medium Duty Buses in 31 feet length on a 35,000 lb. chassis. Among the standard components of this vehicle are:

- Cummins B, 6.7L 280HP engine
- Allison B300R five (5) speed automatic transmission W/RTDR
- Multiple floor layouts and seating options
- REI Public address system
- Fog Maker Fire Suppression System
- Standard paint scheme

Most agencies already have an idea on the type and number of seats and wheelchair positions needed to meet their floor plan requirements. A wide variety of floor plans are available. Agencies should work closely with Florida Transportation Systems, Inc. to develop and finalize their floor layout plans. Based upon this consultation, Florida Transportation Systems, Inc. will develop a proposed floor plan based on the Agency's needs and fax a copy of the plan to the Agency for verification and approval.

Florida Department of Transportation

Office of Freight, Logistics and Passenger Operations

The Order Packet also includes illustrations of the basic vehicle paint schemes and the description of the available options to assist the Agency in completing your orders.

Included in this Order Packet are the following forms and information:

- Order Form that provides:
 - Base vehicle prices
 - Unit seating and wheelchair station prices
 - Paint scheme options and prices
 - Individual option and prices
 - Sample choice forms
- Anticipated Usage form
- Sample Order Form – providing an example as how to complete the order form
- Description of Options
- Available Paint Schemes

Please submit a separate order form for each vehicle ordered. After determining the length of bus, floor plan, paint scheme and desired individual options, to complete the order form place the number of items in the corresponding quantity column. Multiply the dollar figure in the cost column by the number of items in the quantity column to calculate a total cost for that item. Enter that amount in the total cost column. Add the total cost column amounts together to arrive at the grand total for the vehicle. The grand total will be the figure used on the Agency's purchase order.

Unless your vehicle is funded in part by the FTA Section 5310 grant program, the Agency deals directly with Florida Transportation Systems, Inc.

Once the details of the order are finalized, an Agency Purchase Order must accompany all orders placed with Florida Transportation Systems, Inc. for those vehicles funded outside the FTA Section 5310 grant program.

For all vehicles funded through the FTA Section 5310 grant program, a copy of the completed order form and either an Agency purchase order or a check for the Agency's portion payable to Florida Transportation Systems, Inc. must be mailed or faxed to the CUTR Section 5310 Program Coordinator:

Ms. Lazara Stinnette
CUTR Section 5310 Program Coordinator
USF-CUTR
4202 E. Fowler Avenue – CUT100
Tampa, Florida 33620
Telephone: (813) 974-0695
Fax: (813) 396-9345
Email: lstinnette@cutr.usf.edu

The CUTR Section 5310 Program Coordinator will verify the order accuracy, complete the request for the FDOT share, and forward the request to Tallahassee for the FDOT purchase order. When the FDOT purchase order number is assigned, the CUTR Section 5310 Program Coordinator will place the order with Florida Transportation Systems, Inc. and notify the Agency of the status.

Florida Department of Transportation

Office of Freight, Logistics and Passenger Operations

Florida Transportation Systems, Inc. will provide written confirmation to the Agency and/or CUTR of the receipt of the order within seventy-two (72) hours of receiving the order with purchase order. At a minimum, the acknowledgement of the order will contain:

- The agency's P.O. number
- The date order was received
- The date order was placed with the manufacturer
- The production / Vin number when available
- The estimated delivery date (when available)

DELIVERY

Completed units, for orders of zero to ten (0 to 10) units are to be delivered to purchaser within 12 months from receipt of purchase order, orders of eleven (11) or more units are to be delivered to purchaser within 14 months from receipt of purchase order.

In the event of delay in completion of the delivery of vehicles beyond the date specified in the contract, in addition to any granted extensions agreed to in writing by the Agency, the Agency may assess as liquidated damages, twenty-five dollars (\$25.00) per calendar day per vehicle.

Each vehicle purchased through the TRIPS shall be routed to the FDOT's Springhill Inspection Facility, located in Tallahassee, Florida, for an inspection prior to delivery to Florida Transportation Systems. Florida Transportation Systems, Inc. should see that all noted write-ups are corrected prior to final delivery to the procuring agency. This inspection by the TRIPS is not represented as being "all inclusive" and in no way relieves the dealer from the required Pre-Delivery Inspection (PDI).

Prior to the vehicle(s) being delivered, Florida Transportation Systems, Inc. must perform a PDI. Upon completion of a PDI, Florida Transportation Systems, Inc. will be required to deliver the vehicles to the Purchaser. The dealer shall notify both the purchasing Agency and the FDOT District Office a minimum of 48 hours in advance to arrange a delivery time.

The vehicle shall be delivered with all Contractor/manufacturer's quality control checklists including road test and final inspection (properly completed and signed by an authorized plant representative). Other documents/items required at delivery include:

- Manufacturer's Certificate of Origin
- Application for Certificate of Title
- Bill of Sale
- Warranty Papers (forms, policy, procedures)
- Maintenance Schedule
- Operators' manual
- Invoice (To include contract number, P.O. number, VIN#, and agency name)

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

FINAL ACCEPTANCE

Delivery of the vehicle(s) by Florida Transportation Systems Inc. does not constitute acceptance by the Agency. The vehicle will be considered “accepted” upon passing the inspection and once the Agency accepts the vehicle in the vehicle DATACenter. Once accepted, the DATACenter will automatically issue a letter of acceptance to the Dealer and the CUTR staff.

The terms of the contract state that an Agency has ten (10) calendar days after receiving the vehicle(s) to perform a Post Delivery Inspection and issue either a “Letter of Acceptance” or a “Letter of Rejection” to Florida Transportation Systems Inc. and the Florida DOT District Office contact. The “Letter of Rejection” will state and describe the areas to be found in noncompliance with the bid specifications, incompleteness, or any defective or damaged parts. Both of the letters are issued as a function of the DATACenter.

A vehicle should be rejected if any items are missing, defective, altered, incorrect, or incomplete. In the event a vehicle(s) is delivered incomplete or contains any defective or damaged parts, the said parts will be removed and replaced by Florida Transportation Systems Inc. New parts will be furnished and installed by Florida Transportation Systems Inc. at no cost to the Agency. If there is work involved, warranty or otherwise, to repair or place the vehicle(s) in proper complete condition, such repairs will be made by an approved firm in accordance to the warranty provisions of the contract.

Placing the vehicle(s) in revenue service will automatically constitute “acceptance”. In such circumstances, a “Letter of Acceptance” should still be sent to Florida Transportation Systems, Inc. via the DATACenter.

Acceptance of the vehicles shall not release the Contractor from liability for faulty workmanship or materials.

PAYMENT

For vehicle purchased without funding from the FTA Section 5310 Grant Program, the Agency should complete all necessary paperwork and submit its request to process the Agency purchase order payment within five (5) days after the delivery and/or acceptance of the vehicle.

For all vehicles funded through the FTA Section 5310 Grant Program, the Agency should approve and process its purchase order to allow a check for the Agency amount to be sent to Florida Transportation Systems, Inc. for its share of the vehicle. If, instead of a purchase order, a check was provided at the order request time, forward all invoices to the CUTR Section 5310 Program Coordinator along with the acceptance letter.

Upon receipt of the Agency’s portion of the vehicle, Florida Transportation Systems, Inc. will contact the CUTR Section 5310 Program Coordinator with a request to process the FDOT purchase order payment approval.

The total purchase price should be paid in full within sixty (60) days after acceptance of each vehicle. Agencies should note that failure to meet the net 60-day payment terms could result in the assessment of interest and other penalties. Terms are those shown in Price Proposal Form F of the contract document. A 2% monthly service charge will be added to all past due accounts.

EXHIBIT A

ORDER FORM

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

ORDER FORM – PAGE ONE
CONTRACT # TRIPS MD-17-FTS

FLORIDA TRANSPORTATION SYSTEMS, INC.- ELDORADO NATIONAL TRANSIT VEHICLES

AGENCY NAME: _____ DATE: _____

PURCHASE ORDER NUMBER: _____

CONTACT PERSON: _____
(Name, Telephone Number and Email Address)

November 2018

	Item	Item Cost	Quantity	Total Cost
	Base Vehicle			
	Eldorado National, EZ- Rider 2 / 35,000 lb. – 31’ ISB 6.7L Diesel 250 HP / 660 Torque	\$303,545		
B	Seating In Base Freedman Seating, Citi Seats, AV Inserts: Kevlar padded inserts			
	Standard Seating	\$370		
	Fold-Away Seat	\$696		
	Flip Up seat	\$422		
C	Paint Scheme Choices			
	Scheme 1	\$750		
	Scheme 2	\$1,290		
	Scheme 3	\$1,612		
	Alternative Engine, Fuel and AC			
3.1.1	Cummins ISL, 8.9L 280hp HD diesel engine;(must choose Allison B400R transmission)	\$32,896		
3.1.2	Compressed Natural Gas (4 TANK PODS (Must utilize Thermo King T14 HVAC system and fire suppression/ methane detection system.)	\$78,126		
3.1.3	Hybrid-electric propulsion system meeting current EPA requirements (Allison EP40 Hybrid system)	\$253,148		
	Sub-Total Page One (1)			

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

	Item	Item Cost	Quantity	Total Cost
Addl.Option	Thermo King AM II HVAC system	\$22,055		
	Thermo King T14 HVAC system (T14 Brushless Motors, R407C Refrigerant must be utilized with CNG option)	\$22,055		
Addl. Option	Modine Electric Cooling System with 500 amp alternator in lieu of base radiator/alternator (In lieu of base)	\$0		
Addl. Option	Standard EMP Cooling system delete	Deduct \$4629.00		
3.1.4	Full Stainless Steel Exhaust System	In Base		
3.2.0	Transmission			
3.2.1	Alison B400R Transmission (with ISL8.9L engine)	\$5,140		
3.2.1	Voith 864.6 with ISB engine	\$0		
3.2.1	Voith 865.6 with ISL engine	\$5,140		
3.2.0	Wheels			
3.3.1	Aluminum wheels in place of standard	\$2,000		
	Additional mounted and balanced spare tire and wheel assembly (STEEL)	\$750		
3.3.2	Additional mounted and balanced spare tire and wheel assembly (ALUMINUM)	\$989		
3.3.3	Hub O Meter See 2.15.5. Stemco Analog	\$130		
3.4.0	Seats			
3.4.1	Additional seating			
Addl. Option	American Seating Insight Standard – <i>fixed, single passenger seat</i>	\$521		
Addl. Option	American Seating Insight Flip – <i>per person</i>	\$1,223		
Addl. Option	American Seating Vision Standard – <i>fixed, single passenger seat</i>	\$686		
Addl. Option	American Seating Vision Flip – <i>per person</i>	\$1,283		
	Sub-Total Page Two (2)			

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

	Item	Item Cost	Quantity	Total Cost
Addl. Option	American Seating Insight Barrier	\$559		
Addl. Option	American Seating Remote Release Paddle	\$169		
Addl. Option	Freedman Mid-Hi Featherweight Standard – <i>fixed, single passenger seat</i>	\$278		
Addl. Option	Freedman Mid-Hi Featherweight Flip – <i>per person</i>	\$512		
Addl. Option	Freedman Mid-Hi Featherweight Foldaway <i>per person, available in two person configuration only</i>	\$482		
Addl. Option	Freedman 2pt seat belt USR where applicable – Featherweight & Citiseat only	\$56		
Addl. Option	Freedman V-Pro II restraint system with FF barrier, OC belts & remote release J-hook belts	\$2,105		
Addl. Option	USSC Aries Standard – <i>fixed, single passenger seat</i>	\$517		
Addl. Option	USSC Aries Flip – <i>per person</i>	\$1,176		
Addl. Option	Arm Rests – <i>per each</i>	\$207		
Addl. Option	GT Transit with 3pt seat belt 2 Person Standard	\$1,200		
Addl. Option	GT Transit with 3pt seat belt 2 Person Flip	\$1,532		
Addl. Option	GT Transit with 3pt seat belt 2 Person Flip and Slide	\$2,058		
Addl. Option	GT Transit with 3pt seat belt 5 Person Rear Row	\$3,142		
3.4.3	Seat Covers (Passengers) Level 5	In Base		
3.5.0	Driver's Seat			
3.5.1	USSC G22 w/ seat belt and cushion alarm in lieu of base	Deduct \$107		
3.5.2	USSC Q90	\$2,130		
3.5.3	USSC LX Series	\$2,410		
3.5.4	USSC 9000 Series W/ seat belt and cushion alarm in lieu of base	Deduct \$225		
Addl. Option	USSC driver's seat – 3pt Seat Belt	\$70		
Addl. Option	USSC driver's seat – Air Bolsters (delete 1 lumbar bag)	\$90		
Addl. Option	Driver Seat Arm Rest per each	\$106		
	Sub-Total Page Three (3)			

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

	Item	Item Cost	Quantity	Total Cost
3.5.5	Freedman G2ELPQR	Deduct \$1,605		
3.5.6	Recaro Ergo M with pedestal	In Base		
3.6.0	Adjustable three speed driver's fan.	\$49		
3.7.0	Floor Covering			
3.7.1	Altro Transflor slip resistant sheet vinyl flooring	\$740		
3.7.2	Gerflor slip resistant sheet vinyl flooring with smooth, all welded seams.	\$726		
3.8.0	Luggage Rack			
3.8.1	Floor mounted luggage Rack(s).40"	\$481		
3.8.1	Floor mounted luggage Rack(s).60"	\$726		
3.8.1	Floor mounted luggage Rack(s). 73"	\$883		
3.8.1	Floor mounted luggage Rack(s). 113"	\$1,367		
3.9.0	Grab Rails and Stanchions			
3.9.1	Yellow powder-coated hand rails and stanchions.	\$540		
3.9.2	Stainless steel hand rails and stanchions (each)	In Base		
3.10.0	Remote Exterior Mirrors			
3.10.1	Alternative mirrors - MD-17 specifications 2.19.1.	\$1,890		
3.11.0	Reverse Assistance Detection System			
3.11.1	Intermotive Hawkeye system	\$726		
3.11.2	Reverse camera and monitor backing system. REI	\$570		
3.12.0	Air Purification System			
3.12.1	SanUVAire basic breathe-safe kit for roof AC	\$8,060		
3.12.1	SanUVAire basic breathe-safe kit for rear AC	\$3,250		
3.13.0	Wheel Chair Ramps			
3.13.1	Ricon Ramp SSR	\$7,804		
3.13.2	Lift-U Ramp LU18	\$7,366		
3.13.3	Braun Ramp RA400	\$9,140		
	Sub-Total Page Four (4)			

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

	Item	Item Cost	Quantity	Total Cost
3.14.0	Securement Devices			
3.14.1	SURE-LOK Titan restraint system.	\$517		
3.14.2	Q-Straint QRT Max restraint system.	\$308		
3.14.3	WC-18 Compliant restraint system. QRT-360	\$530		
3.14.4	Q-Pod Securement Station. (American Seating)	\$4,887		
Addl. Option	Q-Pod Securement Station. <i>For Aries Seats</i>	\$7,787		
Addl. Option	Q-Pod Securement Station. <i>For CitiSeat</i>	\$6,075		
3.14.5	Q-Straint Quantum Securement Station.	\$8,754		
3.14.6	W/C lap/shoulder restraint belt extensions.	\$23		
3.14.7	American Seating ARM System	\$538		
3.15.0	Safety Equipment			
3.15.1	Fogmaker Fire Suppression System	\$4,891		
3.15.1	Fogmaker Fire Suppression System Methane Gas Detector System utilized with CNG option	\$6,649		
3.15.2	Kidde Fire Suppression System	\$4,891		
3.15.2	Kidde Fire Suppression System Methane Gas Detector System utilized with CNG option	\$6,735		
3.15.2	Kidde Fire Suppression System credit per system if P-Mark not required	\$508		
3.15.3	DAFO fire suppression system	\$3,786		
Addl. Option	Amerex V25 Fire Suppression System	\$3,500		
Addl. Option	Amerex Fire Suppression & Amgads III Methane Gas Detection System <i>(must be utilized with CNG option)</i>	\$5,300		
	Camera Systems			
3.15.4	AngelTrax 4-Camera System Vulcan V12 DVR- 1080P/ 1TB	\$2,877		
	AngelTrax 6-Camera System Vulcan V12 DVR- 1080P/ 1TB	\$3,576		
	AngelTrax 8-Camera System Vulcan V12 DVR- 1080P/ 1TB	\$4,276		
	AngelTrax 12-Camera System Vulcan V12 DVR- 1080P/ 1TB	\$5,977		
	Sub-Total Page Five (5)			

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

	Item	Item Cost	Quantity	Total Cost
	AngelTrax CoPilot-RFID Mobile Digital Video Recording System	\$1,768		
	Apollo 4-Camera System RoadRunner w/ 1 TB Hard Drive w/ GPS	\$4,896		
	Apollo 6-Camera System RoadRunner w/ 1 TB Hard Drive w/ GPS	\$6,969		
	Apollo 8-Camera System RoadRunner w/ 1 TB Hard Drive w/ GPS	\$7,669		
	Apollo 12-Camera System RoadRunner w/ 1 TB Hard Drive w/ GPS	\$10,307		
	Apollo Docking Station	\$488		
	REI 12-Channel DVR, 12-Camera System with 2TB HDD	\$7,370		
	REI 12-Channel DVR, 6-Camera System with 1TB HDD	\$3,884		
	REI 12-Channel DVR, 8-Camera System with 2TB HDD	\$4,836		
	REI 6-Channel DVR, 4-Camera System with 500GB HDD	\$2,790		
	REI Sensor Kit	\$70		
	Seon 12-Camera System NX16 Analog System w/ 1 TB Hard Drive	\$7,929		
	Seon 12-Camera System NX16 HD System w/ 2 TB Hard Drive	\$11,816		
	Seon 4-Camera System TH4 Analog w/ 1 TB Hard Drive	\$2,928		
	Seon 4-Camera System TH4 HD System w/ 2 TB Hard Drive	\$3,353		
	Seon 6-Camera System TH6 Analog w/ 1TB Hard Drive	\$4,246		
	Seon 6-Camera System TH6 HD System w/ 2 TB Hard Drive	\$4,718		
	Seon 8-Camera System TX8 Analog System w/ 1TB Hard Drive	\$5,086		
	Seon 8-Camera System TX8 Analog System w/ 2TB Hard Drive	\$5,606		
	SEON Docking Station	\$247		
	SEON G Sensor Kit	\$103		
	Spare Cameras – External	\$327		
	Spare Cameras – Internal	\$311		
	Spare HDD Module, 1 TB	\$390		
	Spare HDD Module, 2 TB	\$650		
3.15.5	ROSCO Dual Vision recorder (with 32 gb sd card)	\$975		
3.15.6	LYTX drive cam (service fees not included)	\$849		
	Sub-Total Page Six (6)			

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

	Item	Item Cost	Quantity	Total Cost
3.15.7	I/O Controls vehicle data logger (in lieu of base Signal Quest)	\$832		
3.15.8	Camera system replacement parts, i.e., cameras, hard drives, supporting equipment, etc.			
	In Vehicle Computer			
3.15.9	a. Mentor Ranger MDT Fix Route on Bus equipment b. Mentor Ranger MDT licensing per bus c. Services- project management & remote support per order	a.\$15,455 b. \$3,617 c.\$3,444		
3.15.10	Avail MDT Cabling and on bus equipment only	\$25,330		
3.16.0	PA & Entertainment Systems			
3.16.1	Radio Engineering Industries (REI) public address system Standard w/ boom mic	In Base		
3.17.0	Destination Signs			
3.17.1	Transign LLC, single roller curtain type	\$3,676		
3.17.2	Twin Vision Elyse software Electronic Destination system full front and side signs	\$4,795		
Addl. Option	Twin Vision Elyse software Electronic Destination system full front, side and rear signs.	\$5,657		
3.17.3	Twin Vision Mobi-Lite electronic destination sign, or approved equal	\$3,114		
3.17.4	Transign Vista Star electronic destination sign, or approved equal	\$4,667		
3.17.5	Transign LLC 2-digit incandescent backlight, with anti-glare finish	\$556		
3.17.6	Transign LLC 3-digit incandescent backlight, with anti-glare finish	\$884		
3.17.6	Transign LLC 3-4 digit LED run box (utilized with LED Destination Signs)	\$885		
3.17.6	Transign LLC 3-4 digit LED run box (stand alone)	\$1,498		
3.17.7	STOP REQUESTED" sign, as manufactured by Transign LLC, or approved equal	In Base		
	Sub-Total Page Seven (7)			

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

	Item	Item Cost	Quantity	Total Cost
3.18.0	Body			
3.18.1	Rear and Front Doorway (includes 12' convex mirror rear stepwell, 6' mirror and stainless steel rear exit step area) single front door standard	\$4,300		
3.18.2	Alternative body Full BRT appearance package	\$8,000		
3.18.3	Two (2) position bike rack DL2 black	\$1,216		
3.18.3	Two (2) position bike rack Apex 2 stainless steel	\$1,758		
3.18.4	Three (3) position bike rack Apex 3 stainless steel	\$1,902		
3.18.5	Interior advertisement holders	In Base		
3.18.6	Keyed alike ignition and door keys	\$200		
Addl. Option	Full Height Electronics Tower	\$1,294		
Addl. Option	(2) Additional Speakers	\$72		
Addl. Option	Paint – Window Black Out	\$565		
Addl. Option	Paint – Base Coat/Clear Coat	\$950		
Addl. Option	Paint – Lower Skirts (1 color)	\$650		
Addl. Option	Paint – Full Body Red or Yellow Upcharge	\$250		
Addl. Option	Paint – Additional 6" stripe	\$650		
Addl. Option	Blackout Driver's Area	\$400		
Addl. Option	Schedule Holder & Consumer/Public Information Display Frame mounted on driver's barrier facing passenger seating	\$250		
Addl. Option	Teleflex Adjustable Brake & Accelerator Pedals	\$990		
Addl. Option	I/O Controls multifunction dash display 6.4"	\$3,250		
	Fare Collection			
3.18.7	Genfare Fast Fare Farebox	\$20,911		
3.18.7	Genfare Odyssey	\$18,469		
3.18.7	Fare collection box meeting MD-17 specifications 2.17.30. Diamond model SV	\$1,222		
3.18.7	Fare collection box meeting MD-17 specifications 2.17.30. Diamond model XV	\$1,125		
3.18.8	Emco Wheaton fuel-fill system Posi Lock 105	\$924		
3.18.9	Sun visors Roll up blinds	In Base		
3.18.10	Fleet numbers on bus roof	\$97		
	Sub-Total Page Eight (8)			

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

ORDER SUMMARY

Item	Total Cost
PAGE EIGHT SUB-TOTAL <i>(sub-total of eighth page)</i>	
PAGE SEVEN SUB-TOTAL <i>(sub-total of seventh page)</i>	
PAGE SIX SUB-TOTAL <i>(sub-total of sixth page)</i>	
PAGE FIVE SUB-TOTAL <i>(sub-total of fifth page)</i>	
PAGE FOUR SUB-TOTAL <i>(sub-total of fourth page)</i>	
PAGE THREE SUB-TOTAL <i>(sub-total of third page)</i>	
PAGE TWO SUB-TOTAL <i>(sub-total of second page)</i>	
PAGE ONE SUB-TOTAL <i>(sub-total of first page)</i>	
GRANDTOTAL <i>(sum of pages 1, 2, 3, 4, 5, and 6 sub-totals)</i>	

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

ANTICIPATED USAGE

Service Type: (check all that apply)

Fixed Route _____

Paratransit _____

Shuttle/Deviated Fixed Route _____

Estimated days in service per week _____

Operating Environment (check all that apply)

City Streets _____

Highway _____

Parking Lot/Airport Shuttle _____

Retirement Campus _____

Combination City/Highway _____

College Campus _____

Other _____

Operational Equipment (check all that apply)

Destination Signs _____

Fare Box _____

Routing equipment _____

Camera System _____

Passenger counter _____

Other _____

EXHIBIT B

SAMPLE ORDER FORM

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

SAMPLE ORDER FORM – PAGE ONE
CONTRACT # TRIPS MD-17-FTS

FLORIDA TRANSPORTATION SYSTEMS, INC.- ELDORADO NATIONAL TRANSIT VEHICLES

AGENCY NAME: _____ DATE: _____

PURCHASE ORDER NUMBER: _____

CONTACT PERSON: _____

(Name, Telephone Number and Email Address)

November 2018

	Item	Item Cost	Quantity	Total Cost
	Base Vehicle			
	Eldorado National, EZ- Rider 2 / 35,000 lb. – 31’ ISB 6.7L Diesel 250 HP / 660 Torque	\$303,545	1	\$303,545
B	Seating In Base Freedman Seating, Citi Seats, AV Inserts: Kevlar padded inserts			
	Standard Seating	\$370	23	\$8,510
	Fold-Away Seat	\$696		
	Flip Up seat	\$422	6	\$2,532
C	Paint Scheme Choices			
	Scheme 1	\$750		
	Scheme 2	\$1,290	1	1,290
	Scheme 3	\$1,612		
	Alternative Engine, Fuel and AC			
3.1.1	Cummins ISL, 8.9L 280hp HD diesel engine;(must choose Allison B400R transmission)	\$32,896		
3.1.2	Compressed Natural Gas (4 TANK PODS (Must utilize Thermo King T14 HVAC system and fire suppression/ methane detection system.)	\$78,126		
3.1.3	Hybrid-electric propulsion system meeting current EPA requirements (Allison EP40 Hybrid system)	\$253,148		
	Sub-Total Page One (1)			\$315,877

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

	Item	Item Cost	Quantity	Total Cost
Addl. Option	Thermo King AM II HVAC system	\$22,055	1	\$22,055
	Thermo King T14 HVAC system (T14 Brushless Motors, R407C Refrigerant must be utilized with CNG option)	\$22,055		
Addl. Option	Modine Electric Cooling System with 500 amp alternator in lieu of base radiator/alternator	\$0		
Addl. Option	Standard EMP Cooling system delete	Deduct \$4,629		
3.1.4	Full Stainless Steel Exhaust System	In Base	1	\$0
3.2.0	Transmission			
3.2.1	Alison B400R Transmission (with ISL8.9L engine)	\$5,140		
3.2.1	Voith 864.6 with ISB engine	\$0		
3.2.1	Voith 865.6 with ISL engine	\$5,140		
3.3.0	Wheels			
3.3.1	Aluminum wheels in place of standard	\$2,000	1	\$2,000
	Additional mounted and balanced spare tire and wheel assembly (STEEL)	\$750	1	\$750
3.3.2	Additional mounted and balanced spare tire and wheel assembly (ALUMINUM)	\$989		
3.3.3	Hub O Meter See 2.15.5 - Stemco Analog	\$130		
3.4.0	Seats			
3.4.1	Additional seating			
Addl. Option	American Seating Insight Standard – <i>fixed, single passenger seat</i>	\$521		
Addl. Option	American Seating Insight Flip – <i>per person</i>	\$1,223		
Addl. Option	American Seating Vision Standard – <i>fixed, single passenger seat</i>	\$686		
Addl. Option	American Seating Vision Flip – <i>per person</i>	\$1,283		
	Sub-Total Page Two (2)			\$24,805

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

	Item	Item Cost	Quantity	Total Cost
Addl. Option	American Seating Insight Barrier	\$559		
Addl. Option	American Seating Remote Release Paddle	\$169		
Addl. Option	American Seating ARM System	\$538		
Addl. Option	Freedman Mid-Hi Featherweight Standard – <i>fixed, single passenger seat</i>	\$278		
Addl. Option	Freedman Mid-Hi Featherweight Flip – <i>per person</i>	\$512		
Addl. Option	Freedman Mid-Hi Featherweight Foldaway <i>per person, available in two person configuration only</i>	\$482		
Addl. Option	Freedman 2pt seat belt USR where applicable – Featherweight & Citiseat only	\$56		
Addl. Option	Freedman V-Pro II restraint system with FF barrier, OC belts & remote release J-hook belts	\$2,105		
Addl. Option	USSC Aries Standard – <i>fixed, single passenger seat</i>	\$517		
Addl. Option	USSC Aries Flip – <i>per person</i>	\$1,176		
Addl. Option	Arm Rests – <i>per each</i>	\$207		
Addl. Option	GT Transit with 3pt seat belt 2 Person Standard	\$1,200		
Addl. Option	GT Transit with 3pt seat belt 2 Person Flip	\$1,532		
Addl. Option	GT Transit with 3pt seat belt 2 Person Flip and Slide	\$2,058		
Addl. Option	GT Transit with 3pt seat belt 5 Person Rear Row	\$3,142		
3.4.3	Seat Covers (Passengers) Level 5	In Base		
3.5.0	Driver's Seat			
3.5.1	USSC G22 w/ seat belt and cushion alarm in lieu of base	Deduct \$107		
3.5.2	USSC Q90	\$2,130		
3.5.3	USSC LX Series	\$2,410		
3.5.4	USSC 9000 Series W/ seat belt and cushion alarm in lieu of base	Deduct \$225		
Addl. Option	USSC driver's seat – 3pt Seat Belt	\$70		
Addl. Option	USSC driver's seat – Air Bolsters (delete 1 lumbar bag)	\$90		
Addl. Option	Driver Seat Arm Rest per each	\$106		
	Sub-Total Page Three (3)			\$0

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

	Item	Item Cost	Quantity	Total Cost
3.5.5	Freedman G2ELPQR	Deduct \$1,605		
3.5.6	Recaro Ergo M with pedestal	In Base	1	\$0
3.6.0	Adjustable three speed driver's fan.	\$49	1	\$49
3.7.0	Floor Covering			
3.7.1	Altro Transflor slip resistant sheet vinyl flooring	\$740	1	\$740
3.7.2	Gerflor slip resistant sheet vinyl flooring with smooth, all welded seams.	\$726		
3.8.0	Luggage Rack			
3.8.1	Floor mounted luggage Rack(s).40"	\$481		
3.8.1	Floor mounted luggage Rack(s).60"	\$726		
3.8.1	Floor mounted luggage Rack(s). 73"	\$883		
3.8.1	Floor mounted luggage Rack(s). 113"	\$1,367		
3.9.0	Stanchions and Hand Rails			
3.9.1	Yellow powder-coated hand rails and stanchions.	\$540		
3.9.2	Stainless steel hand rails and stanchions (each)	In Base	1	\$0
3.10.0	Remote Exterior Mirrors			
3.10.1	Alternative mirrors - MD-17 specifications 2.19.1.	\$1,890		
3.11.0	Reverse Assistance Detection System			
3.11.1	Intermotive Hawkeye system	\$726		
3.11.2	Reverse camera and monitor backing system. REI	\$570		
3.12.0	Air Purification System			
3.12.1	SanUVAire basic breathe-safe kit for roof AC	\$8,060		
3.12.1	SanUVAire basic breathe-safe kit for rear AC	\$3,250		
3.13.0	Wheel Chair Ramps			
3.13.1	Ricon Ramp SSR	\$7,804		
3.13.2	Lift-U Ramp LU18	\$7,366	1	\$7,366
3.13.3	Braun Ramp RA400	\$9,140		
	Sub-Total Page Four (4)			\$8,155

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

	Item	Item Cost	Quantity	Total Cost
3.14.0	Securement Devices			
3.14.1	SURE-LOK Titan restraint system.	\$517		
3.14.2	Q-Straint QRT Max restraint system.	\$308	2	\$616
3.14.3	WC-18 Compliant restraint system. QRT-360	\$530		
3.14.4	Q-Pod Securement Station. (American Seating)	\$4,887		
Addl. Option	Q-Pod Securement Station. <i>For Aries Seats</i>	\$7,787		
Addl. Option	Q-Pod Securement Station. <i>For CitiSeat</i>	\$6,075		
3.14.5	Q-Straint Quantum Securement Station.	\$8,754		
3.14.6	W/C lap/shoulder restraint belt extensions.	\$23		
3.14.7	American Seating ARM System	\$538		
3.15.0	Safety Equipment			
3.15.1	Fogmaker Fire Suppression System	\$4,891	1	\$4,891
3.15.1	Fogmaker Fire Suppression System Methane Gas Detector System utilized with CNG option	\$6,649		
3.15.2	Kidde Fire Suppression System	\$4,891		
3.15.2	Kidde Fire Suppression System Methane Gas Detector System utilized with CNG option	\$6,735		
3.15.2	Kidde Fire Suppression System credit per system if P-Mark not required	\$508		
3.15.3	DAFO fire suppression system	\$3,786		
Addl. Option	Amerex V25 Fire Suppression System	\$3,500		
Addl. Option	Amerex Fire Suppression & Amgads III Methane Gas Detection System (<i>must be utilized with CNG option</i>)	\$5,300		
	Camera Systems			
3.15.4	AngelTrax 4-Camera System Vulcan V12 DVR- 1080P/ 1TB	\$2,877		
	AngelTrax 6-Camera System Vulcan V12 DVR- 1080P/ 1TB	\$3,576		
	AngelTrax 8-Camera System Vulcan V12 DVR- 1080P/ 1TB	\$4,276		
	AngelTrax 12-Camera System Vulcan V12 DVR- 1080P/ 1TB	\$5,977		
	Sub-Total Page Five (5)			\$5,507

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

	Item	Item Cost	Quantity	Total Cost
	AngelTrax CoPilot-RFID Mobile Digital Video Recording System	\$1,768		
	Apollo 4-Camera System RoadRunner w/ 1 TB Hard Drive w/ GPS	\$4,896		
	Apollo 6-Camera System RoadRunner w/ 1 TB Hard Drive w/ GPS	\$6,969		
	Apollo 8-Camera System RoadRunner w/ 1 TB Hard Drive w/ GPS	\$7,669		
	Apollo 12-Camera System RoadRunner w/ 1 TB Hard Drive w/ GPS	\$10,307		
	Apollo Docking Station	\$488		
	REI 12-Channel DVR, 12-Camera System with 2TB HDD	\$7,370		
	REI 12-Channel DVR, 6-Camera System with 1TB HDD	\$3,884		
	REI 12-Channel DVR, 8-Camera System with 2TB HDD	\$4,836		
	REI 6-Channel DVR, 4-Camera System with 500GB HDD	\$2,790		
	REI Sensor Kit	\$70		
	Seon 12-Camera System NX16 Analog System w/ 1 TB Hard Drive	\$7,929		
	Seon 12-Camera System NX16 HD System w/ 2 TB Hard Drive	\$11,816		
	Seon 4-Camera System TH4 Analog w/ 1 TB Hard Drive	\$2,928		
	Seon 4-Camera System TH4 HD System w/ 2 TB Hard Drive	\$3,353		
	Seon 6-Camera System TH6 Analog w/ 1TB Hard Drive	\$4,246		
	Seon 6-Camera System TH6 HD System w/ 2 TB Hard Drive	\$4,718		
	Seon 8-Camera System TX8 Analog System w/ 1TB Hard Drive	\$5,086		
	Seon 8-Camera System TX8 Analog System w/ 2TB Hard Drive	\$5,606		
	SEON Docking Station	\$247		
	SEON G Sensor Kit	\$103		
	Spare Cameras – External	\$327		
	Spare Cameras – Internal	\$311		
	Spare HDD Module, 1 TB	\$390		
	Spare HDD Module, 2 TB	\$650		
3.15.5	ROSCO Dual Vision recorder (with 32 gb sd card)	\$975		
3.15.6	LYTX drive cam (service fees not included)	\$849		
	Sub-Total Page Six (6)			\$0

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

	Item	Item Cost	Quantity	Total Cost
3.15.7	I/O Controls vehicle data logger (in lieu of base Signal Quest)	\$832		
	In Vehicle Computer			
3.15.9	a. Mentor Ranger MDT Fix Route on Bus equipment b. Mentor Ranger MDT licensing per bus c. Services- project management & remote support per order	a.\$15,455 b. \$3,617 c.\$3,444		
3.15.10	Avail MDT Cabling and on bus equipment only	\$25,330	1	\$25,330
3.16.0	PA & Entertainment Systems			
3.16.1	Radio Engineering Industries (REI) public address system Standard w/ boom mic	In Base		
	Destination Signs			
3.17.1	Transign LLC, single roller curtain type	\$3,676		
3.17.2	Twin Vision Elyse software Electronic Destination system full front and side signs	\$4,795	1	\$4,795
Addl Option	Twin Vision Elyse software Electronic Destination system full front, side and rear signs.	\$5,657		
3.17.3	Twin Vision Mobi-Lite electronic destination sign, or approved equal	\$3,114		
3.17.4	Transign Vista Star electronic destination sign, or approved equal	\$4,667		
3.17.5	Transign LLC 2-digit incandescent backlight, with anti-glare finish	\$556		
3.17.6	Transign LLC 3-digit incandescent backlight, with anti-glare finish	\$884		
3.17.6	Transign LLC 3-4 digit LED run box (utilized with LED Destination Signs)	\$885		
3.17.6	Transign LLC 3-4 digit LED run box (stand alone)	\$1,498		
3.17.7	STOP REQUESTED" sign, as manufactured by Transign LLC, or approved equal	In Base	1	\$0
	Sub-Total Page Seven (7)			\$30,125

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

	Item	Item Cost	Quantity	Total Cost
3.18.0	Body			
3.18.1	Rear and Front Doorway (includes 12' convex mirror rear stepwell, 6' mirror and stainless steel rear exit step area) single front door standard	\$4,300	1	\$4,300
3.18.2	Alternative body styling Full BRT appearance package	\$8,000		
3.18.3	Two (2) position bike rack DL2 black	\$1,216	1	\$1,216
3.18.3	Two (2) position bike rack Apex 2 stainless steel	\$1,758		
3.18.4	Three (3) position bike rack Apex 3 stainless steel	\$1,902		
3.18.5	Interior advertisement holders	In Base	1	\$0
3.18.6	Keyed alike ignition and door keys	\$200		
Addl. Option	Full Height Electronics Tower	\$1,294		
Addl. Option	(2) Additional Speakers	\$72		
Addl. Option	Paint – Window Black Out	\$565		
Addl. Option	Paint – Base Coat/Clear Coat	\$950		
Addl. Option	Paint – Lower Skirts (1 color)	\$650		
Addl. Option	Paint – Full Body Red or Yellow Upcharge	\$250		
Addl. Option	Paint – Additional 6" stripe	\$650		
Addl. Option	Blackout Driver's Area	\$400		
Addl. Option	Schedule Holder & Consumer/Public Information Display Frame mounted on driver's barrier facing passenger seating	\$250		
Addl. Option	Teleflex Adjustable Brake & Accelerator Pedals	\$990		
Addl. Option	I/O Controls multifunction dash display 6.4"	\$3,250		
	Fare Collection			
3.18.7	Genfare Fast Fare Farebox	\$20,911	1	\$20,911
3.18.7	Genfare Odyssey	\$18,469		
3.18.7	Fare collection box meeting MD-17 specifications 2.17.30. Diamond model SV	\$1,222		
3.18.7	Fare collection box meeting MD-17 specifications 2.17.30. Diamond model XV	\$1,125		
3.18.8	Emco Wheaton fuel-fill system Posi Lock 105	\$924		
3.18.9	Sun visors Roll up blinds	In Base		
3.18.10	Fleet numbers on bus roof	\$97	1	\$97
	Sub-Total Page Eight (8)			\$26,524

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

ORDER SUMMARY

Item	Total Cost
PAGE EIGHT SUB-TOTAL <i>(sub-total of eighth page)</i>	\$26,524
PAGE SEVEN SUB-TOTAL <i>(sub-total of seventh page)</i>	\$30,125
PAGE SIX SUB-TOTAL <i>(sub-total of sixth page)</i>	\$0
PAGE FIVE SUB-TOTAL <i>(sub-total of fifth page)</i>	\$5,507
PAGE FOUR SUB-TOTAL <i>(sub-total of fourth page)</i>	\$8,155
PAGE THREE SUB-TOTAL <i>(sub-total of third page)</i>	\$0
PAGE TWO SUB-TOTAL <i>(sub-total of second page)</i>	\$24,805
PAGE ONE SUB-TOTAL <i>(sub-total of first page)</i>	\$315,877
GRANDTOTAL <i>(sum of pages 1, 2, 3,4, 5, and 6 sub-totals)</i>	\$410,993

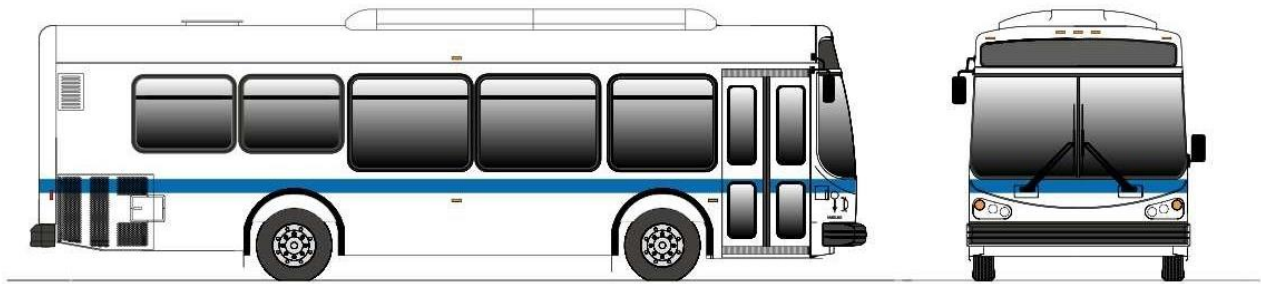
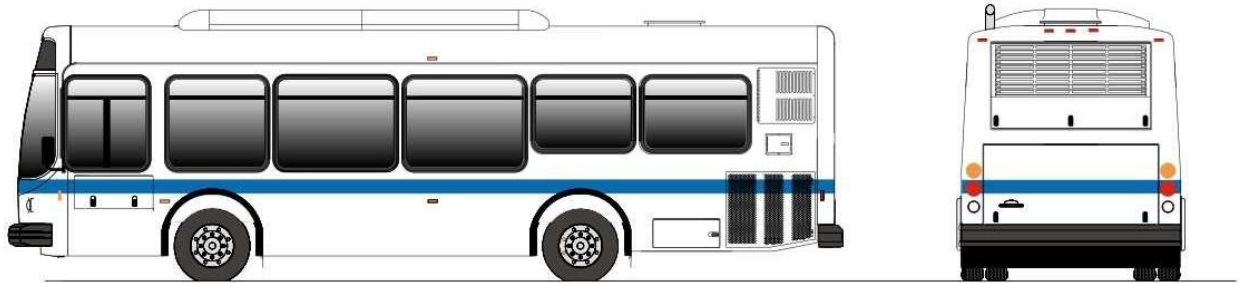
EXHIBIT C

PAINT SCHEMES

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

EXTERIOR PAINT SCHEME #1

BASE COLOR WHITE 1 COLOR STRIPE DESIGN

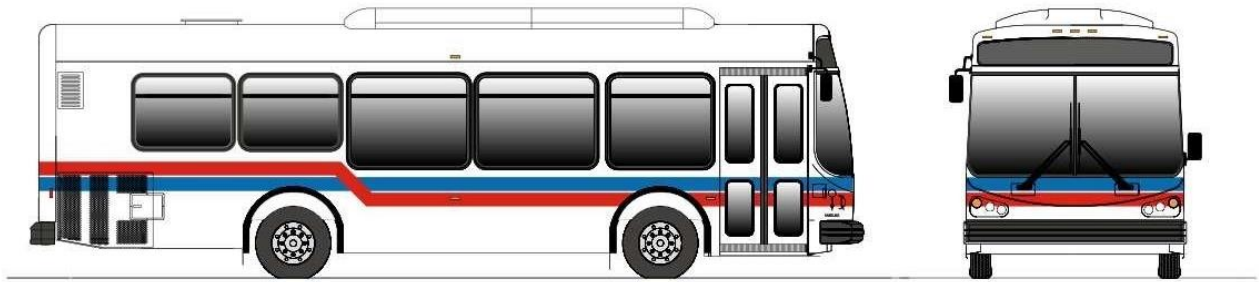
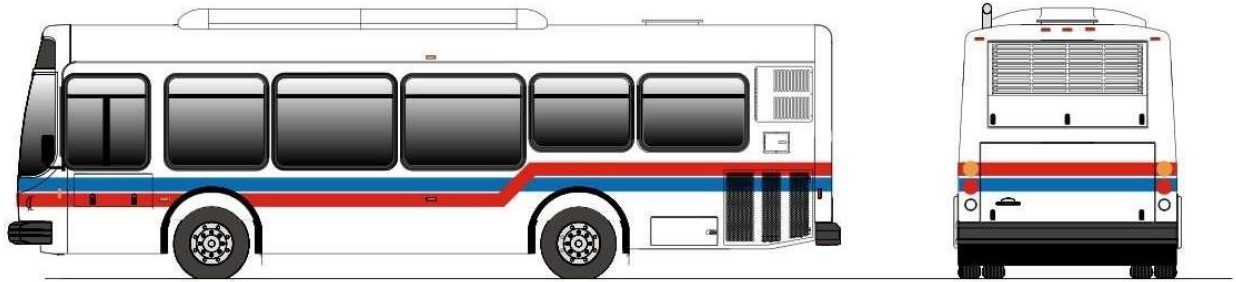


11/19/08 A

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

EXTERIOR PAINT SCHEME #2

BASE COLOR WHITE 2 COLOR STRIPE DESIGN

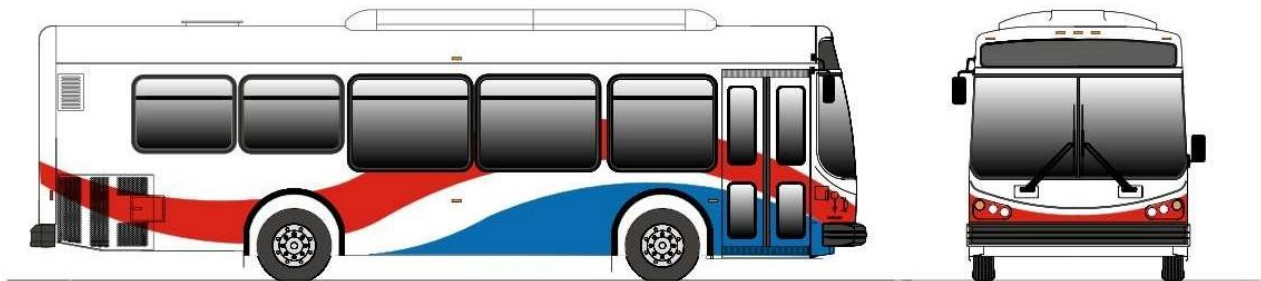
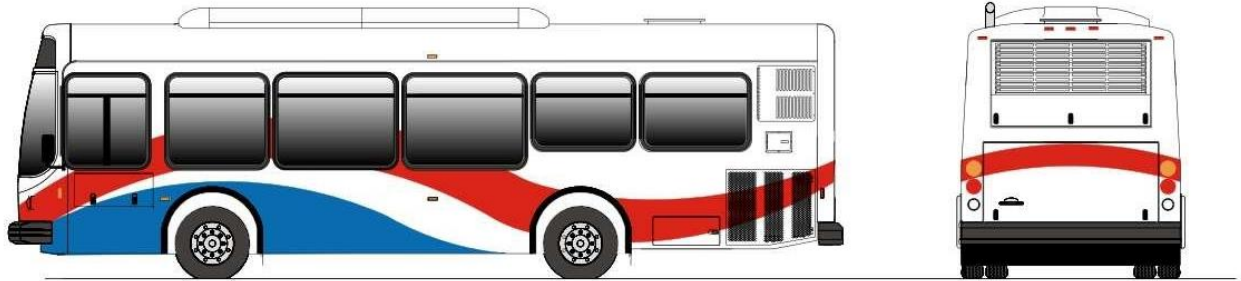


11/19/08 B

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

EXTERIOR PAINT SCHEME #3

BASE COLOR WHITE 3 COLOR STRIPE DESIGN



11/19/08 C

EXHIBIT D

OPTIONS

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

OPTIONS

TRIPS-MD-17-FTS
(31' Medium Duty Type Transit Vehicles)
Florida Transportation Systems, Inc.

3.1.0 ENGINES, DIESEL OR ALTERNATIVE FUELED

- 3.1.1 Cummins ISL, 8.9L 280hp HD diesel engine;(must choose Allison B400R transmission)
- 3.1.2 Compressed Natural Gas (4 TANK PODS (Must utilize Thermo King T14 HVAC system and fire suppression/ methane detection system.)
- 3.1.3 Hybrid-electric propulsion system meeting current EPA requirements (Allison EP40 Hybrid system)
- Addl Option Thermo King T14 HVAC system (T14 Brushless Motors, R407C Refrigerant must be utilized with CNG option)
- Addl Option Modine Electric Cooling System with 500 amp alternator in lieu of base radiator/alternator
- 3.1.4 Full stainless steel exhaust system.

3.2.0 TRANSMISSION

- 3.2.1 Alison B400R Transmission (with ISL 8.9L engine)
- 3.2.1 Voith 864.6 with ISB engine
- 3.2.1 Voith 865.6 with ISL engine.

3.3.0 WHEELS

- 3.3.1 Provide Aluminum wheels in place of standard steel wheels.
- 3.3.2 Additional matching mounted and balanced spare tire and wheel assemblies.
- 3.3.3 Hub O Meter See 2.15.5.

3.4.0 SEATS

- 3.4.1 American Seating – 6468-VR 50 Inserts:
 - Standard
 - Flip Type
 - Foldaway

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

- 3.4.1 Additional seating:
 - American Seating Insight
 - American Seating Vision
 - Freedman Mid-Hi Featherweight
 - USSC Aries

- Addl Option American Seating Insight Standard
- Addl Option American Seating Insight Flip
- Addl Option American Seating Vision Standard
- Addl Option American Seating Vision Flip
- Addl Option American Seating Insight Barrier
- Addl Option American Seating Remote Release Paddle
- Addl Option American Seating ARM System
- Addl Option Freedman Mid-Hi Featherweight Standard
- Addl Option Freedman Mid-Hi Featherweight Flip
- Addl Option Freedman Mid-Hi Featherweight Foldaway
- Addl Option Freedman 2pt seat belt USR where applicable – Featherweight & Citiseat

- Addl Option Freedman V-Pro II restraint system with FF barrier, OC belts & remote release J-hook belts
- Addl Option USSC Aries Standard – fixed, single passenger seat
- Addl Option USSC Aries Flip
- Addl Option Arm Rests
- Addl Option GT Transit with 3pt seat belt 2 Person Standard
- Addl Option GT Transit with 3pt seat belt 2 Person Flip
- Addl Option GT Transit with 3pt seat belt 2 Person Flip and Slide
- Addl Option GT Transit with 3pt seat belt 5 Person Rear Row

- 3.4.3 Seat Covers (Passenger) Level 5

- 3.5.0 DRIVER'S SEAT**

- 3.5.1 USSC G22 w/ seat belt and cushion alarm

- 3.5.2 USSC Q90

- 3.5.3 USSC LX Series

- 3.5.4 USSC 9000 Series

- Addl Option USSC driver's seat – 3pt Seat Belt
- Addl Option USSC driver's seat – Air Bolsters (delete 1 lumbar bag)
- Addl Option Driver Seat Arm Rest

- 3.5.5 Freedman G2ELPQR

- 3.5.6 Recaro Ergo M with pedestal

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

3.6.0 Adjustable three speed driver's fan.

3.7.0 FLOOR COVERING

3.7.1 Altro Transflor slip resistant sheet vinyl flooring including step tread material with *yellow* step nosing and *white* "standee line" insert.

3.7.2 Gerflor slip resistant sheet vinyl flooring with smooth including step tread material with *yellow* step nosing and *white* "standee line" insert.

3.8.0 LUGGAGE RACK

3.8.1 Floor mounted luggage Rack(s). 40" / 60" / 73" / 113'

3.9.0 GRAB RAILS AND STANCHIONS

3.9.1 Yellow powder-coated hand rails and stanchions.

3.9.2 Stainless steel hand rails and stanchions.

3.10.0 REMOTE EXTERIOR MIRRORS

3.10.1 Alternative mirrors meeting MD-17 specifications 2.19.1.

3.11.0 REVERSE ASSISTANCE DETECTION SYSTEM

3.11.1 Intermotive Hawkeye system.

3.11.2 Reverse camera and monitor backing system. REI.

3.12.0 AIR PURIFICATION SYSTEM

3.12.1 SanUVAire basic breathe-safe kit for roof AC.
SanUVAire basic breathe-safe kit for rear AC.

3.13.0 WHEEL CHAIR RAMP

3.13.1 Ricon Ramp SSR

3.13.2 Lift-U Ramp LU18

3.13.3 Braun Ramp RA400

3.14.0 SECUREMENT DEVICES

3.14.1 SURE-LOK Titan restraint system.

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

- 3.14.2 Q-Straint QRT Max restraint system.
- 3.14.3 WC-18 Compliant restraint system.
- 3.14.4 Q-Pod Securement Station.
- Addl Option Q-Pod Securement Station. For Aries Seats
- Addl Option Q-Pod Securement Station. For CitiSeat
- 3.14.5 Q-Straint Quantum Securement Station.
- 3.14.6 W/C lap/shoulder restraint belt extensions.

3.15.0 SAFETY EQUIPMENT

- 3.15.1 Fogmaker Fire Suppression System.
- 3.15.2 Kidde Fire Suppression System.
- 3.15.3 DAFO fire suppression system.
- Addl Option Amerex V25 Fire Suppression System
- Addl Option Amerex Fire Suppression & Amgads III Methane Gas Detection System (must be utilized with CNG option)

Camera Systems

- 3.15.4 AngelTrax 4-Camera System Vulcan V12 DVR- 1080P/ 1TB
AngelTrax 6-Camera System Vulcan V12 DVR- 1080P/ 1TB
AngelTrax 8-Camera System Vulcan V12 DVR- 1080P/ 1TB
AngelTrax 12-Camera System Vulcan V12 DVR- 1080P/ 1TB
AngelTrax CoPilot-RFID Mobile Digital Video Recording System

Apollo 12-Camera System RoadRunner w/ 1 TB Hard Drive w/ GPS
Apollo 4-Camera System RoadRunner w/ 1 TB Hard Drive w/ GPS
Apollo 6-Camera System RoadRunner w/ 1 TB Hard Drive w/ GPS
Apollo 8-Camera System RoadRunner w/ 1 TB Hard Drive w/ GPS
Apollo Docking Station

REI 12-Channel DVR, 12-Camera System with 2TB HDD
REI 12-Channel DVR, 6-Camera System with 1TB HDD
REI 12-Channel DVR, 8-Camera System with 2TB HDD
REI 6-Channel DVR, 4-Camera System with 500GB HDD
REI Sensor Kit

Seon 12-Camera System NX16 Analog System w/ 1 TB Hard Drive

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

Seon 12-Camera System NX16 HD System w/ 2 TB Hard Drive
Seon 4-Camera System TH4 Analog w/ 1 TB Hard Drive
Seon 4-Camera System TH4 HD System w/ 2 TB Hard Drive
Seon 6-Camera System TH6 Analog w/ 1TB Hard Drive
Seon 6-Camera System TH6 HD System w/ 2 TB Hard Drive
Seon 8-Camera System TX8 Analog System w/ 1TB Hard Drive
Seon 8-Camera System TX8 Analog System w/ 2TB Hard Drive
SEON Docking Station
SEON G Sensor Kit
Spare Cameras – External
Spare Cameras – Internal
Spare HDD Module, 1 TB
Spare HDD Module, 2 TB

- 3.15.5 ROSCO Dual Vision video event recorder with 32 gb sd card.
- 3.15.6 LYTX drive cam (service fees not included)
- 3.15.7 I/O Controls vehicle data logger.
- 3.15.8 Camera system replacement parts, i.e., cameras, hard drives, supporting equipment, etc.
- 3.15.9
 - a. Mentor Ranger MDT Fix Route on Bus equipment
 - b. Mentor Ranger MDT licensing per bus
 - c. Services- project management & remote support
- 3.15.10 Avail MDT Cabling and on bus equipment.

3.16.0 PA & ENTERTAINMENT SYSTEMS

- 3.16.1 Radio Engineering Industries (REI) public address system with boom mic.

3.17.0 DESTINATION SIGNS

- 3.17.1 Transign LLC, single roller curtain type.
- 3.17.2 Twin Vision Elyse software Electronic Destination system full front and side signs.
- Addl Option Twin Vision Elyse software Electronic Destination system full front, side and rear signs.
- 3.17.3 Twin Vision Mobi-Lite electronic destination sign.
- 3.17.4 Transign Vista Star electronic destination sign.
- 3.17.5 Transign LLC 2-digit incandescent backlight, with anti-glare finish.
- 3.17.6 Transign LLC 3-digit incandescent backlight, with anti-glare finish.

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

- 3.17.6 Transign LLC 3-4 digit LED run box (utilized with LED Destination Signs)
- 3.17.6 Transign LLC 3-4 digit LED run box (stand alone)
- 3.17.7 Transign LLC “STOP REQUESTED” sign.
- 3.18.0 BODY**
- 3.18.1 Rear and Front Doorway (includes 12’ convex mirror rear stepwell, 6’ mirror and stainless steel rear exit step area) – base vehicle is a front door only.
- 3.18.2 Alternative body
- 3.18.3 Two (2) position bike rackDL2 black.
- 3.18.3 Two (2) position bike rack Apex 2 Stainless steel.
- 3.18.4 Three (3) position bike rack Apex 3 Stainless steel.
- 3.18.5 Interior advertisement holders (In Base)
- 3.18.6 Keyed alike ignition and door keys
- Addl Option Full Height Electronics Tower
- Addl Option (2) Additional Speakers
- Addl Option Paint – Window Black Out
- Addl Option Paint – Base Coat/Clear Coat
- Addl Option Paint – Lower Skirts (1 color)
- Addl Option Paint – Full Body Red or Yellow Upcharge
- Addl Option Paint – Additional 6” stripe
- Addl Option Blackout Driver’s Area
- Addl Option Schedule Holder & Consumer/Public Information Display Frame mounted on driver’s barrier facing passenger seating
- Addl Option Teleflex Adjustable Brake & Accelerator Pedals
- Addl Option I/O Controls multifunction dash display 6.4”
- 3.18.7 Genfare Fast Fare Farebox
- 3.18.7 Genfare Odyssey
- 3.18.7 Fare collection box meeting MD-17 specifications 2.17.30. Diamond model SV
- 3.18.7 Fare collection box meeting MD-17 specifications 2.17.30. Diamond model XV
- 3.18.8 Emco Wheaton fuel-fill system Posi Lock 105

Florida Department of Transportation
Office of Freight, Logistics and Passenger Operations

- 3.18.9 Sun visors Roll up blinds
- 3.18.10 Fleet numbers on bus roof

EXHIBIT E

FLOOR-PLAN LAYOUT

Most agencies already have an idea on the type and number of seats and wheelchair positions needed to meet their floor plan requirements. A wide variety of alternative floor plans are available.

Agencies should work closely with Florida Transportation System, Inc. to develop and finalize their passenger seating floor layout plans. Based upon this consultation, Florida Transportation System, Inc. will develop a proposed floor plan based on the Agency's needs and fax a copy of the plan to the Agency for verification and approval.