

Capital Area Transportation Authority



AMENDMENT 1 OF SOLICITATION PURCHASE OF 30-FT SHOPPING BUS REQUEST FOR PROPOSAL

1. AMENDMENT NO: 1	2. SOLICITATION NO: RFP 2016-140	3. SOLICITATION NAME: Purchase of 30' Shopping Bus	4. AMENDMENT DATE: September 12, 2016
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5. ISSUED BY

Capital Area Transportation Authority
Purchasing and Contracts Department
4615 Tranter Street
Lansing, MI 48910

PLEASE NOTE: Contractor is required to sign this document and return it with the bid/proposal/quote.

6. DESCRIPTION OF AMENDMENT:

- a. CATA's Responses to Vendor Questions / Approved Equals, is attached.
- b. All other terms and conditions remain unchanged.

NAME / TITLE OF OFFEROR (Type or Print)

COMPANY NAME

(Signature of person authorized to sign)

(Date Signed)

AE #	Page	Section #	Section Title	Specification Wording	New Flyer Request for Approved Equal	Approved / Denied
1	12	2.1.2	Overall width	not less than 101.5"	New Flyer requests approval to provide a 30' bus with an overall width of 96"	Denied
2	12	2.1.4	Angle of approach	not less than 9 degrees	New Flyer requests approval to provide a 30' bus with an approach angle of 7.5 degrees	Approved
3	13	2.1.5	Departure angle	not less than 9 degrees	New Flyer requests approval to provide a 30' bus with a departure angle of 8 degrees	Approved
4	13	3.1.2		The bus must be an integrally constructed vehicle with a true monocoque design with adequate reinforcement provided at all points where stress concentration may occur. Bus body on chassis construction will not be allowed or accepted by CATA	New Flyer's requests approval to provide a carbon-steel chassis bolted to an aluminum body structure.	Approved
5	19	4.8.3	Windows	The side windows shall be made of a laminated safety glass. The glazing material used must conform to the requirements of ANSI-X26.1-1977 Standards for Type AS-5 Safety Glazing Material, except for Test Number 17. The window glazing material shall be at least one-quarter inch thick. CATA requires the bidder to prove that the safety glass used complies completely with all federal safety standards.	New Flyer requests approval to provide passenger side windows that are tempered 5mm thick glazing and have a light transmittance of 44% grey.	Approved
6	30/31	7.2.1	Engine	Bus engine shall be wet sleeve construction, electronically controlled, 8.3 liter, four cycle, six- cylinder, turbo charged diesel engine capable of developing a minimum of 280 horsepower when operating on number one Ultra Low Sulfur Diesel (ULSD) fuel.	New Flyer requests approval to provide a bus with a Cummins ISB6.7 250hp 6 cylinder turbocharged and intercooled diesel engine certified to production year EPA emission standards. Please refer to the attached documentation for additional details.	Approved

AE #	Page	Section #	Section Title	Specification Wording	New Flyer Request for Approved Equal	Approved / Denied
7	34	8.1.1	Front Axle	The front axle shall be a Meritor solid beam, non-driving with a load rating sufficient for the bus loaded to GVWR and shall be equipped with grease type front wheel bearings and seals. All friction points on the front axle shall be equipped with replaceable bushings or inserts and lubrication fittings easily accessible from a pit or hoist.	New Flyer requests approval to provide Dana Axles. The GAWR for the DANA front axle is 11,023lbs. This axle is applicable to the 30' and 35' MiDi bus Diesel models that have a curb weight of 18,500 lbs and 19,500 lbs respectively. Please refer to the attached documentation for additional details.	Approved
8	34	8.2.1	Rear Axle	The rear axle shall be a heavy-duty Meritor single reduction axle with a load rating sufficient for the bus loaded to GVWR. The drive axle shall have a design life to operate for not less than 300,000 miles without replacement or major repairs.	New Flyer requests approval to provide Dana Axles. The GAWR for the DANA rear axle is 20,812lbs. This axle is applicable to the 30' and 35' MiDi bus Diesel models that have a curb weight of 18,500 lbs and 19,500 lbs respectively. Please refer to the attached documentation for additional details.	Approved
9	37	8.9.1	Tires	Tires supplied will be 275/70R 22.5 Low Profile radial tire designed for transit service.	New Flyer requests approval to provide a bus with Michelin 265/70R x 19.5 XZE 2+ tubeless radial ply tires.	Approved
10	37	8.10.1	Fuel Tank	The fuel tank shall be a single stainless steel tank with a minimum usable capacity of no less than 100 gallons but not more than 100 gallons. CATA will neither accept nor consider a dual fuel tank system in a bus or a composite or plastic fuel tank. The fuel tank shall be properly baffled internally to prevent surging of the fuel.	New Flyer requests approval to provide a bus with a 75 US gallon (265 litre) stainless steel fuel tank.	Approved

AE #	Page	Section #	Section Title	Specification Wording	New Flyer Request for Approved Equal	Approved / Denied
11	40	9.7.2	Power Supply	A Vansco programmable control system, or Approved Equal, shall be provided. The manufacture shall provide CATA with all equipment for the programming and diagnostics of the system prior to the delivery of the first bus.	New Flyer requests approval to provide a bus with a VDO Siemens multiplexing system Please refer to the attached documentation for additional details.	Approved
12	21	4.14.2	Passenger Seats	The 30' bus must have a minimum of twenty-three (23) ambulatory seating positions, excluding the driver's position, and three-wheelchair passenger seating positions. CATA is requesting a combination of perimeter (aisle facing) and forward facing seating throughout the bus.	New Flyer requests approval to provide a bus with two-wheelchair passenger seating positions. Please review the attached MiDi Brochure for further information on wheelchair seating layout and specifications.	Approved

Request Number	Page Number	Section	Title	Specification Language	Request	Approved	Denied	Customer Comments
1	4	1-I	Proposals	Submission of a proposal shall bind the respondent to all provisions of the proposal, including costs, for a period extending not less than one hundred eighty (180) days following the Proposal Due Date.	The specified 180 days in the third sentence of the first paragraph of this section seems to be in conflict with the validity period stated in the first sentence of the second paragraph of this same section. Please clarify			Submissions shall bind respondent to all provisions of the proposal for a period of not less than 180 days.
2	8	1-S	Pricing and Payment	entire section	Please clarify whether or not a proposal price page will be provided.			Vendors should submit pricing for one (1) 30-Foot Shopping Bus, per specification, with their proposal. No separate Pricing Form will be provided.
3	10	2-E	Assumption of Risk of Loss	CATA shall assume risk of loss of the vehicle only upon final acceptance	Approval for CATA to assume risk of loss of the bus upon CATA acknowledging receipt of the bus as determined by signed receipt of CATA's designated agent at location of delivery of bus. Prior to delivery, Contractor shall have risk of loss of the bus, including any damage sustained during the delivery regardless of the status of title or any payments related to the bus.	X		
4	12	2-F	2.1.1 - Overall Length	31.2 ft.	approval of an overall length of 31' 10" for the E-Z Rider II 32' bus. Please note that the proposed length over body for the 32' bus is 31' 2".	X	X	Overall bus length is 31' 2 1/2" (thirty-one feet, two and one-half inches). Proposed length of 31' 2" is approved. Proposed length of 31' 10" is denied.
5	13	2-F	2.1.12	Gross Vehicle Weight - 26,500 lbs.	Approval of a curb weight 26,500 lbs. which is a reasonable curb weight for a 12-year/500,000 mile (Altoona Tested) heavy-duty transit bus with heavy-duty componentry such as the engine, transmission, axles, suspension system, etc. Please note that the Gross Vehicle Weight is defined as the curb weight plus seated load weight plus standee load weight.	X		

Request Number	Page Number	Section	Title	Specification Language	Request	Approved	Denied	Customer Comments
6	14	2-F	3.2.1 - Vehicle Construction	The bus body will be made of rectangular galvanized steel or an approved equivalent tubing welded together to form a solid frame.	Approval of an integrated bus body structure fabricated using Grade C, hi-strength carbon steel. The entire rectangular tubing, plate and formed sheet is welded into a monocoque type space frame bus structure. The body frame structure has been Altoona Tested as a 12-year/500,000 mile heavy-duty bus as well as meets or exceeds the federal rollover requirements of FMVSS 220 and Crashworthiness of FMVSS 214D.	X		
7	14	2-F	3.3.2 - Exterior Panels	The exterior skin of the bus will be either fastened to structural members by spot welds or by an approved fastener system.	Approval of fiberglass composite exterior side skins of 0.150" thickness from the lower window line and above and fastened with Sikaflex 221 adhesive/sealant and 3M double face tape. The lower skirt panels from the lower window line to the bottom of the side panel are fastened and sealed with a minimal number of stainless steel self-tapping screws (exposed but, primed and painted over) and Sikaflex 211 sealant and are removable and can be easily repaired/replaced.	X		
8	16	2-F	3.12.5 - Radio/GPS Antenna Panel	Provisions for a Global Positioning (GPS) Antenna shall be provided	Please clarify that the provision for the GPS antenna is for one of the two (2) antenna access panels identified in section 3.12.1.	X		Correct. The provision for the GPS antenna is for one of the two (2) antenna access panels, as identified.
9	17	2-F	4.2.1 - Floor Contour	If the floor is raised, a maximum of two step risers will be provided for each step riser no higher than seven inches.	Approval for the step riser heights to be no more than eight (8) inches.	X		
10	17	2-F	4.2.2 - Floor Contour	If the driver's platform is raised more than ten (10) inches, a notch or foothold shall be provided...	approval for the driver's platform to be twelve (12) inches without a notch or foothold.		X	

Request Number	Page Number	Section	Title	Specification Language	Request	Approved	Denied	Customer Comments
11	19	2-F	4.8.5 - Windows	All side windows shall be slide open type windows with the exception of the first window on the roadside immediately behind the driver's area, on the curbside immediately behind the front door...	Please clarify the type of window for the first window on the roadside immediately behind the driver's area.			Approved: as per Drawing EE21S5DC0001, attached hereto as Exhibit 1.
12	20	2-F	4.12.1 - Trim	All trim shall be made of stainless steel...	Approval of extruded aluminum for all of the specified edges, joints, etc.	X		
13	20	2-F	4.13.2 - Driver's Partition	This compartment will be incorporated as part of the driver's barrier	Approval for the driver's storage compartment to be located directly over and above the driver's area. This is the standard location for the driver's storage compartment and measures approximately 26 inches wide by 17 inches high by 12 inches deep. Please note that the electronics tower is located behind the driver's area and over the left-front wheel house.	X		
14	20	2-F	4.14.1 - Passenger Seats	the bidder will provide CATA with a complete interior-seating layout.	Submitted herewith as Exhibit A are two (2) alternative seating layouts for CATA's review and approval. Please note that both seating layouts accommodate the required three (3) wheelchair positions and both seating layouts are depicted with the specified single front passenger door. The difference is the overall length of the bus...30' versus 32'. Please also note that the E-Z Rider II 30' bus is outfitted with a Cummins ISB 6.7 liter engine and the E-Z Rider II 32' bus is outfitted with the Cummins ISL 9 liter engine (elevation drawings submitted herewith as Exhibit B).	X		Approved: E-Z Rider II 30' bus, as per Floorplan Drawing #E2103AC0001, attached hereto as Exhibit 2. Approved: E-Z Rider II 30' bus, outfitted with a Cummins ISB 6.7 liter engine, as per Elevation Drawing EE21S5DC0001, attached hereto as Exhibit 1.

Request Number	Page Number	Section	Title	Specification Language	Request	Approved	Denied	Customer Comments
15	29	2-F	6.3.2 - Ramp Design	The surface of the lift platform will be covered with a durable, nonskid coating, Line-X or Approved Equal	Approval of Altro material as an approved equal to the specified Line-X.	X		
16	30	2-F	6.6.2 - Ramp Construction	CATA requires a five (5) year corrosion warranty on the ramp and supporting bracketry	Approval of a three (3) year warranty for the complete w/c ramp assembly as supplied by the w/c ramp supplier. Please note that 3 years is the maximum warranty provided by the w/c ramp suppliers.		X	
17	30	2-F	7.1 - Power Train Mounting	The power plant shall be "in-line" or T "mounted in the rear of the bus in a fabricated engine cradle.	Approval of an in-line propulsion system that is bolted directly to the bus structure. Please note that EIDorado National-California, Inc. does not offer/provide a cradle mounted propulsion system in its buses.	X		
18	30	2-F	7.2.1 - Engine	Bus engine shall be wet sleeve construction, electronically controlled, 8.3 liter, four cycle, six cylinder, turbo charged diesel engine capable of developing a minimum of 280 horsepower...	Please clarify whether CATA desires the Cummins ISL 8.9 liter turbo charged diesel engine with 280 horsepower or the ISB 6.7 liter turbo charged diesel engine with 280 horsepower.	X		Approved: ISB 6.7 liter turbo charged diesel with 280 horsepower.
19	31	2-F	7.3.3 - Cooling System	If the surface area of the radiator is less than 900 square inches, the radiator must be a five core radiator. If the surface area of the radiator is greater than 900 square inches, the number of radiator cores may be reduced to four cores. The radiator must have a removable (bolted) brass or stainless steel top and bottom tanks with a copper core. To minimize the transfer of road and engine vibrations to the radiator, it must be mounted on rubber isolators. CATA will not accept or approve a lead based solder radiator. Only a beta weld radiator will be accepted.	Approval of aluminum bar/plate heat exchangers with cast/hardened aluminum tanks welded onto the core as recommended by EMP.	X		
20	31	2-F	7.3.3 - Cooling System	The cooling systems shall be EMP TK unit, or Approved Equal.	Approval of the EMP Mini-Hybrid cooling system as recommended by EMP	X		

Request Number	Page Number	Section	Title	Specification Language	Request	Approved	Denied	Customer Comments
21	32	2-F	7.6.4 - Engine Compartment	A mechanical oil pressure gauge with a maximum oil pressure reading of 70 PSI and a water temperature gauge shall be provided...	Approval of Ametek digital multi-functional electronic gauges, in lieu of the specified mechanical gauges. The proposed digital gauges offer significantly more information than the mechanical gauges and are more durable and provide for less susceptibility to environmental constraints today. The proposed Ametek digital gauges have been outfitted in ENC buses since 2010 and with over 1500 buses produced/delivered to date, have proven to be extremely reliable with no known issues with regard to exposure to harsh climates including, freezing temperatures in such areas as Denver and Chicago or, extreme heat such as in Las Vegas and Phoenix, etc.	X		
22	33	2-F	7.6.5 - Engine Compartment	All flexible fuel, oil, transmission, air and water lines shall be Aeroquip 2651 or 2807 or Approved Equal	Approval of Parker equivalent hoses. The proposed Parker hoses are ENC's standard hoses for all applications	X		
23	33	2-F	7.6.6 - Engine Compartment	A spring-loaded access door shall be provided to check the radiator water level	Approval for checking the coolant level via the coolant recovery reservoir which is accessible through the side compartment door. Please note that the coolant recovery tank utilizes a twist-off/on type cap.	X		
24	34	2-F	7.9.3 - Gradability	The engine and transmission that the bidder is proposing to use should be able to allow the bus to maintain a speed of 45 mph on three percent grade with a full seated load	Approval of a 40 mph speed on a 2 1/2% grade. The proposed gradeability is per the SBPG's.	X		
25	34	2-F	8.3.2 - Brakes	The front brakes shall be disc brakes...	Approval of drum type brakes for the front axle. Please note that the disc brakes have not been engineered into the 30' bus as of this date.	X		

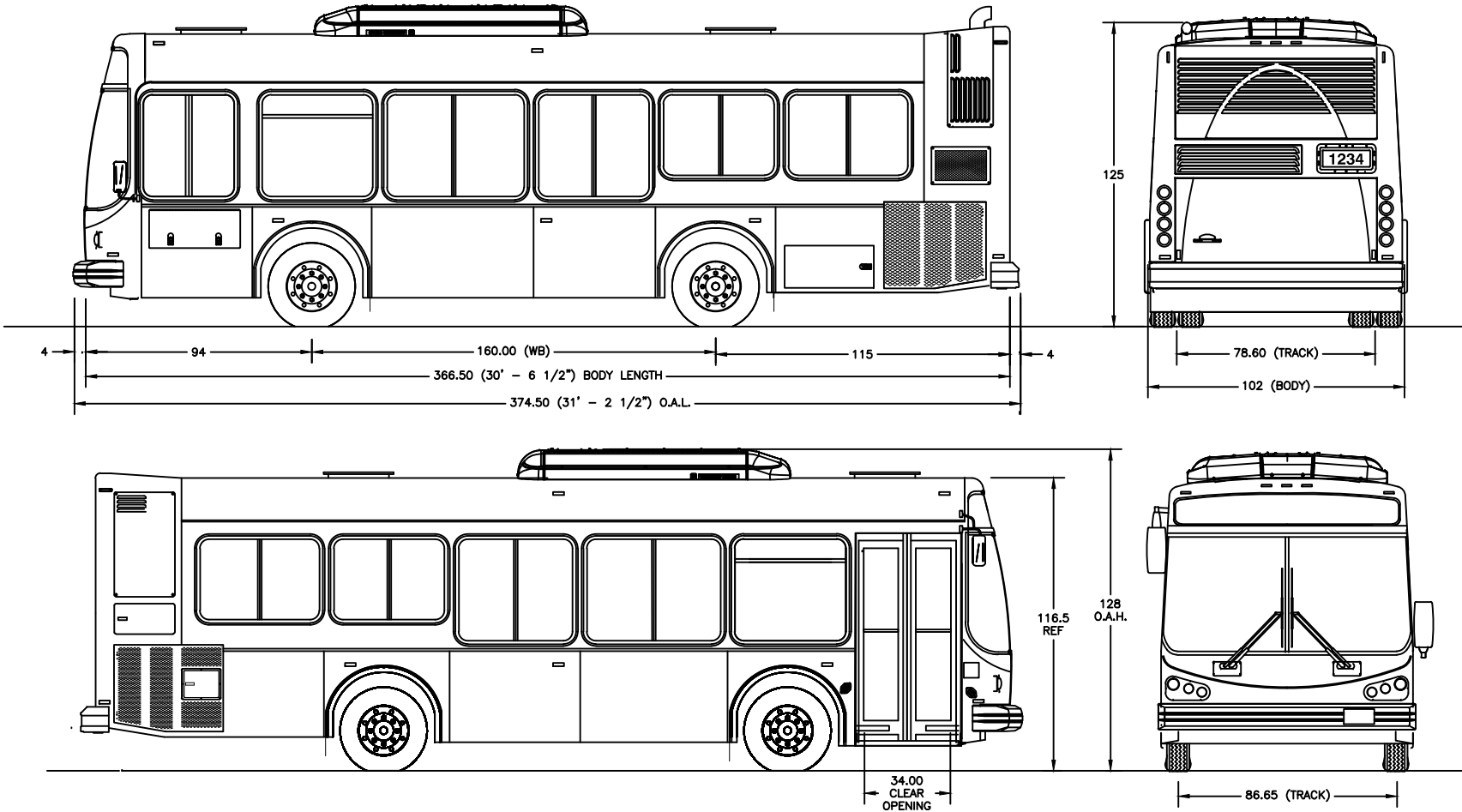
Request Number	Page Number	Section	Title	Specification Language	Request	Approved	Denied	Customer Comments
26	34	2-F	8.3.3 - Brakes	The rear brakes shall be disc brakes...	Approval of drum type brakes for the rear axle. Please note that the disc brakes have not been engineered into the 30' bus as of this date.	X		
27	35	2-F	8.4.4 - Air System	Air piping will be standard Synflex tubing...	Approval of Parker brand equivalent hoses. The proposed Parker hoses are ENC's standard hoses for all applications and do comply with the requirements of all applicable SAE and FMVSS standards.	X		
28	36	2-F	8.5.1 - Suspension	the suspension system shall be a full air ride system..	Approval of a combination air bag and leaf spring suspension system for the front and rear axles (double leaf spring for the rear) on the E-Z Rider II bus. The proposed suspension system has been developed and engineered specifically for the E-Z Rider II bus and has been transit-proven and found to be acceptable by numerous transit agencies throughout the U.S. transit industry. Please see Exhibit C for a thorough description of the proposed suspension system.	X		
29	37	2-F	8.10.1 - Fuel Tank	The fuel tank shall be a single stainless steel tank with a minimum usable capacity of no less than 100 gallons but not more than 100 gallons.	Approval of a 76-gallon stainless steel diesel fuel tank.	X		
30	37	2-F	9.1.1 - Exterior Lights	All exterior lighting will be sealed LED lamps...	Please clarify whether or not the headlights in low and high beams are to be LED.	X		Approved: LED
31	38	2-F	9.1.8 - Exterior Lights	Exterior curb illumination will be provided at all doors. Four (4) inch flush mounted LED lamps will be provided.	Please clarify that only one (1) passenger door is required and thus, only two (2) LED lamps are required for the single door. If this is the case, please revise these 2 sentences.	X		Approved: Only one (1) passenger door is required; thus, only two (2) LED Lamps are required for the single door.
32	38	2-F	9.1.8 - Exterior Lights	Four (4) flush mounted LED lamps will be provided	Approval of surface-mounted LED lamps. This is the standard mounting for the exterior curb illumination.	X		

Request Number	Page Number	Section	Title	Specification Language	Request	Approved	Denied	Customer Comments
33	39	2-F	9.7.2 - Power Supply	Connections subject to the elements must be protected with an anti-oxidant or anti-corrosive material.	Approval of di-electric grease for most electrical connections unless tested and not needed as recommended by EMP. EMP also recommends either Dow Corning DC-4 or Dyantex Dielectric grease.	X		
34	40	2-F	9.7.2 - Power Supply	A Vansco programmable control system or, Approve Equal shall be provided.	Approval of IO Controls Dinex multiplexed electrical. Please note that the proposed multiplexed electrical system is critical design element for the E-Z Rider II buses and cannot be changed.	X		
35	40	2-F	9.7.3 - Power Supply	The generator must be capable of generating a minimum of 450 AMPS at the rated engine high idle speed	Approval of EMP's P450 alternator which, produces 398 amps at an alternator speed of 3,000 rpm (1000 engine rpm) at 20 degrees C stabilized temperature. 450 amp is achieved at an alternator speed of 6,000 rpm as recommended by EMP.	X		
36	40	2-F	9.7.4 - Power Supply	The generator will be air-cooled and be of a heavy-duty construction designed for a minimum service life of four years or 200,000 miles.	Approval of a four (4) year service life with a required 2-year protective bearing change as recommended by EMP	X		
37	40	2-F	9.7.4 - Power Supply	Recommended source is EMP Dyna-Mo (or Approved Equal).	Approval of EMP's P450 alternator which, produces 398 amps at an alternator speed of 3000 rpm as recommended by EMP.	X		
38	43	2-F	10.1.9 - Heating System	the motor for the water-circulating pump will be a brushless electronically commutated, permanent magnet, totally enclosed motor with integral drive electronics. The pump shall be an EMP WP-29 or Approved Equal	Approval of Ametek Rotron brushless water circulating pump. The proposed Ametek Rotron pump is sealess design with electronically commutated DC motor and offers 40,000 hours of virtually maintenance-free service.	X		

Request Number	Page Number	Section	Title	Specification Language	Request	Approved	Denied	Customer Comments
39	44	2-F	10.4.4 - Air Conditioning	The unit should be installed in the rear of the vehicle.	Approval of the Thermo King Athenia AMII HVAC system. Please note that the proposed HVAC system is a roof-mount unit. Please also note that the E-Z Rider II diesel bus has only been engineered for a roof-mount system.	X		
40	45	2-F	11.3.1 - Exterior Colors	All exterior paint will be Dupont Imron, Sur-Fire, Detzler or an Approved Equal..	Approval of AkzoNobel /Sikkens polyurethane paint system as an approved equal. Please note that the proposed paint system is the standard coating system for all buses being produced by ENC	X		
41	45	2-F	11.3.3 - Exterior Colors	CATA buses shall have reflective stripes around the exterior of the bus. The striping specifications will be supplied by CATA upon issuance of the contract. The striping will be similar to the striping currently on CATA's vehicles.	Please clarify whether or not costing for the reflective striping is be including in the proposal pricing and if so, please provide photos of all four (4) sides of CATA's current vehicles.			Cost for reflective striping is to be included in the proposal pricing (see Photographs and Graphic Standards, attached hereto as Exhibit 3).
42	45	2-F	11.4.1 - Undercoating	The underneath portion of the undercarriage and step well, including the underside of the wheel housings will be sprayed with an Ashland Oil and Refining Tectyl No. 506 G or 127 undercoating or an Approved Equal undercoating material.	Approval of the following products to be spray applied to the underside of the bus including in the wheel house areas: 1. PPG Corashield which has been ASTM B-117 tested to 100 hours of salt spray 2. BASF MasterSeal 631 heavy-duty undercoating material. Both of these proposed undercoating materials are utilized in the manufacturing process and are standard for all buses being produced by ENC	X		
43	56	2-H	2.5 Warranty of Basic Vehicle Structure	The Contractor will warranty the frame and suspensions members of the buses of six years or 300,000 miles, whichever occurs first.	Approval of the following warranties: 1. Chassis frame and cross members - 5 years / 250,000 miles, whichever occurs first 2. Body Structure Coverage - 7 years / 200,000 miles, whichever occurs first 3. Structural elements of the suspension system - 3 years / 150,000 miles, whichever occurs first.	X	X	1. Denied. 2. Approved. 3. Approved.

EXHIBIT 1

REVISIONS						
ECN No.	REV	LVL.	DESCRIPTION	DATE	ZONE	INITIAL



CONCEPTUAL PROPOSAL ONLY

NOTES: UNLESS OTHERWISE SPECIFIED.

THIS DRAWING IN DESIGN & DETAIL IS THE PROPERTY OF ELDORADO NATIONAL & MUST NOT BE USED EXCEPT IN CONNECTION WITH OUR WORK. ALL RIGHTS OF DESIGN OR INVENTION ARE RESERVED.


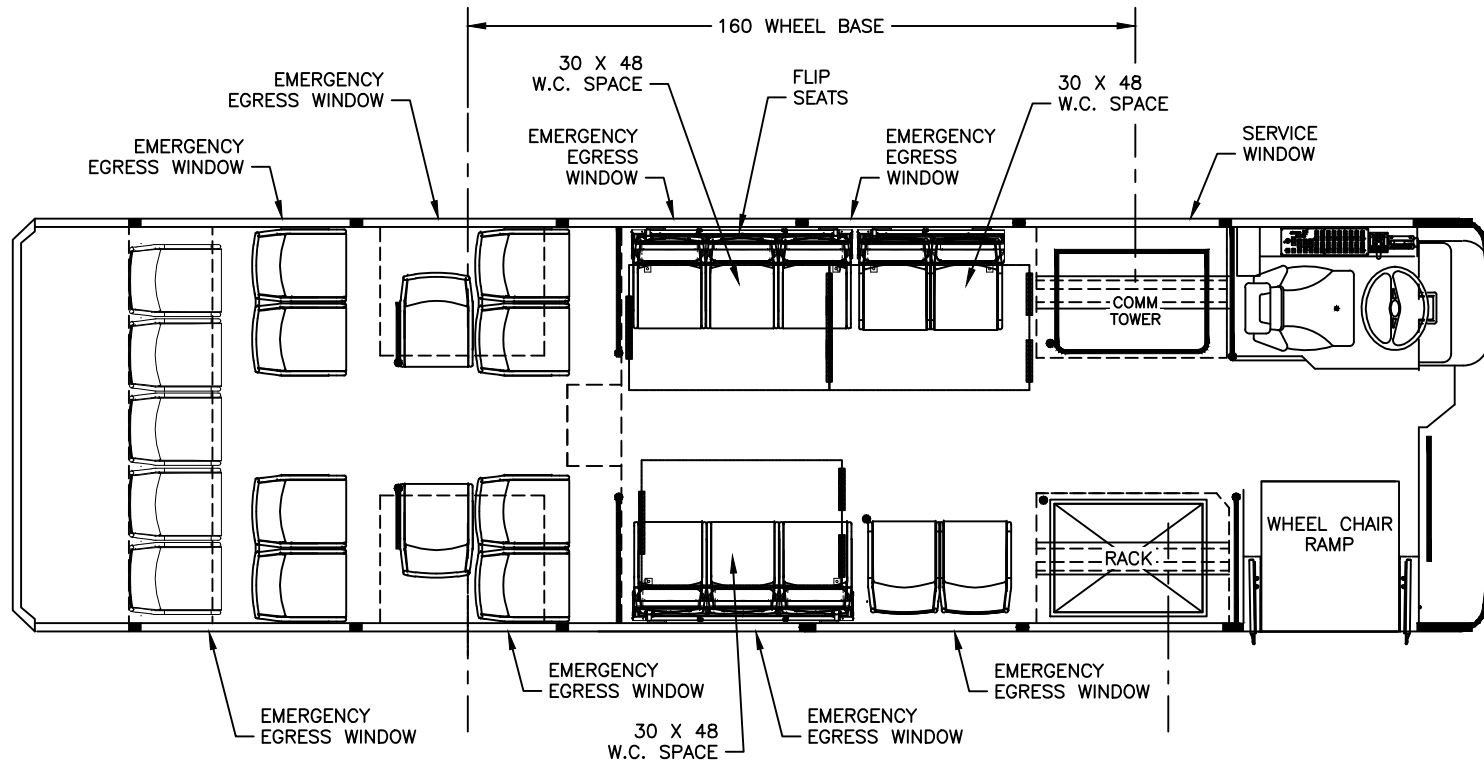
 ENC <small>ELDORADO NATIONAL CORPORATION</small> NEXT ASSEMBLY	ITEM	PART OR DWG. NO.	QTY.	SIZE	DESCRIPTION	SPEC.
	DRAWN BY C PARCELL		DATE 7/1/16	TITLE ELEVATION		
	APPROVED		EZR II - 30'			
	SCALE 1=34		SIZE A	9670 Galena Street Riverside, CA 92509 Phone (909) 591-9557		
TOLERANCES UNLESS OTHERWISE SPECIFIED		MODEL EZR II				
FRACTIONS DECIMAL DEGREES		± 1/32 ± .004 ± .015		DWG NO. EE21S5DC0001		
AutoCAD FILE		EE21S5DC0001		SHEET 1 OF 1		

EXHIBIT 2

REVISIONS						
ECN No.	REV	LVL.	DESCRIPTION	DATE	ZONE	INITIAL



CAPACITY:

17 PASSENGERS WITH 3 WHEELCHAIR POSITIONS

25 PASSENGERS PLUS DRIVER

USING 4 ONE ARIES SEATS

CONCEPTUAL PROPOSAL ONLY

FOR USE WITH
ISB DIESEL ENGINE
OR
ISL GAS ENGINE
ONLY

NOTES: UNLESS OTHERWISE SPECIFIED.

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<p>ENC NEXT ASSEMBLY</p>	ITEM	PART OR DWG. NO.	QTY.	SIZE	DESCRIPTION	SPEC.
	DRAWN BY C PARCELL		DATE 3/29/16	TITLE FLOOR PLAN		
	APPROVED		EZR II - 30'			
	SCALE 1=28 DO NOT SCALE THIS DWG.		SIZE A	9670 Galena Street, Riverside, CA 92506 (909) 591-9		
AutoCAD FILE E2103AC0001	TOLERANCES UNLESS OTHERWISE SPECIFIED		MODEL EZR II			
	FRACTIONS ± 1/32	DECIMAL 0.004 - 0.25	DEGREES ± 1'	DWG NO. E2103AC0001	SHEET 1 OF 1	REV

EXHIBIT 3



Do not install the CATA clean machine and Hybrid decals



CATA GRAPHICS STANDARDS

LOGO SPECIFICATION

SPACING

Leave space around the logo on all sides, keeping it free of content and other images. Use the height of the word "CATA" within the logo as a guide for the amount of space to use.



MINIMUM WIDTH

The CATA logo should never be reproduced smaller than .75" or 70px in either print or digital applications.



.75" or 70 px.



.75" or 70 px.

COLOR

CATA utilizes two primary color palates based on the target audience of the communication. Corporate and general communications utilize blue, green and white with orange as a secondary color. Student communications use orange and blue with yellow and green as secondary colors.



- PMS 351 C
- C-17, M-0, Y-16, K-0
- R-173, G-232, B-191

- PMS 293 C
- C-100, M-57, Y-0, K-2
- R-0, G-71, B-186

- PMS 354 C
- C-80, M-0, Y-90, K-0
- R-0, G-176, B-82



- White
- C-0, M-0, Y-0, K-0
- R-255, G-255, B-255



- Black
- C-0, M-0, Y-0, K-100
- R-0, G-0, B-0



- PMS 293 C
- C-100, M-57, Y-0, K-2
- R-0, G-71, B-186



- White
- C-0, M-0, Y-0, K-0
- R-255, G-255, B-255

COLOR: GENERAL COMMUNICATIONS

PRIMARY







- PMS 293 C
- PMS 354 C
- PMS 351 C
- White
- C-100, M-57, Y-0, K-2
- C-80, M-0, Y-90, K-0
- C-17, M-0, Y-16, K-0
- C-0, M-0, Y-0, K-0
- R-0, G-71, B-186
- R-0, G-176, B-82
- R-173, G-232, B-191
- R-255, G-255, B-255

SECONDARY







- CATAman Orange
- C-0, M-62, Y-62, K-0
- R-224, G-128, B-98

COLOR: STUDENT COMMUNICATIONS

PRIMARY

 CATAman Orange	 CATAman Blue
 C-0, M-62, Y-62, K-0	 C-79, M-41, Y-12, K-3
 R-224, G-128, B-98	 R-52, G-126, B-174

SECONDARY

 CATAman Yellow	 CATAman Green
 C-0, M-15, Y-70, K-0	 C-30, M-6, Y-45, K-3
 R-255, G-215, B-104	 R-177, G-200, B-154

TYPOGRAPHY: GENERAL COMMUNICATIONS (PRINT, DIGITAL)

HEADLINE, CALLOUT

DIN, DIN 1451 STD

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

PRINT

Size: 17 pt.
Weight: Engschrift
Leading: 19 pt.
Attributes: All Caps

C-0	M-0	Y-0	K-100
C-100	M-80	Y-11	K-2
C-0	M-0	Y-0	K-0

DIGITAL

Size: 17 pt.
Weight: Engschrift
Leading: 19 pt.
Attributes: All Caps

R-0	G-0	B-0	#000000
R-0	G-61	B-166	#003CA6
R-255	G-255	B-255	#FFFFFF

BODY COPY

Gill Sans, Gill Sans

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

PRINT

Size: 10 pt.
Weight: Regular
Leading: 14 pt.

C-0	M-0	Y-0	K-100
C-100	M-80	Y-11	K-2
C-0	M-0	Y-0	K-0

DIGITAL

Size: 10 pt.
Weight: Regular
Leading: 14 pt.

R-0	G-0	B-0	#000000
R-0	G-61	B-166	#003CA6
R-255	G-255	B-255	#FFFFFF

TYPOGRAPHY: STUDENT COMMUNICATIONS (PRINT, DIGITAL)

HEADLINE, CALLOUT

Italia, Italia

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

PRINT

Size: 39 pt.
Weight: Medium
Leading: 44 pt.

C-0	M-0	Y-0	K-100
C-0	M-62	Y-62	K-0
C-0	M-0	Y-0	K-0

DIGITAL

Size: 39 pt.
Weight: Medium
Leading: 44 pt.

R-0	G-0	B-0	#000000
R-244	G-128	B-98	#F47F61
R-255	G-255	B-255	#FFFFFF

BODY COPY

Verdana, Verdana

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz

PRINT

Size: 19 pt.
Weight: Regular
Leading: 22 pt.

C-0	M-0	Y-0	K-100
C-0	M-62	Y-62	K-0
C-0	M-0	Y-0	K-0

DIGITAL

Size: 19 pt.
Weight: Regular
Leading: 22 pt.

R-0	G-0	B-0	#000000
R-244	G-128	B-98	#F47F61
R-255	G-255	B-255	#FFFFFF

CATA WEB STANDARDS

LOGO SPECIFICATION

SPACING

Leave space around the logo on all sides, keeping it free of content and other images. Use the height of the word “CATA” within the logo as a guide for the amount of space to use.



MINIMUM WIDTH

The CATA logo should never be reproduced smaller than 70px wide in digital applications.



70 px.



70 px.

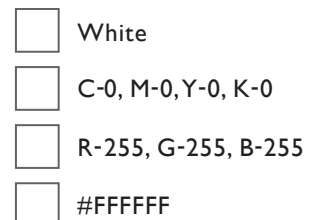
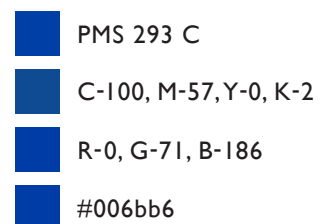
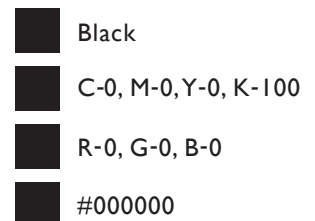
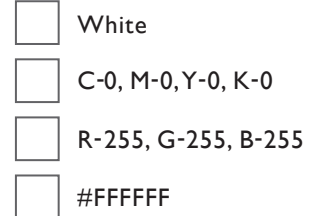
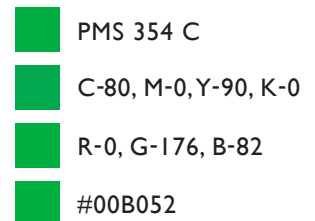
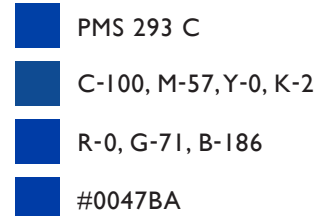
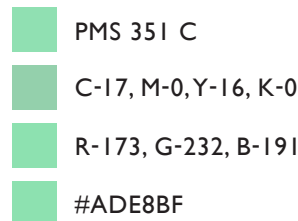
RETINA/HIGH-RES DISPLAY IMAGE STANDARDS

• To ensure the proper image quality of the CATA logos on high-resolution displays, the minimum file width should be 140px, displayed at 50% or 70px through the stylesheet.

• All other image files on the site should be double the size of their display width and height.

COLOR

CATA utilizes two primary color palates based on the target audience of the communication. Corporate and general communications utilize blue, green and white with orange as a secondary color. Student communications use orange and blue with yellow and green as secondary colors.















COLOR: CONTENT STYLES









HYPERLINK STYLES

• Link:	Color: #006bb6	Text Decoration: none	SAMPLE
• Hover:	Color: #00ab66	Text Decoration: underline	SAMPLE
• Active:	Color: #00ab66	Text Decoration: underline	SAMPLE
• Visited:	Color: #006bb6	Text Decoration: none	SAMPLE

PRIMARY

 PMS 293 C	 PMS 354 C	 PMS 351 C
 C-100, M-57, Y-0, K-2	 C-80, M-0, Y-90, K-0	 C-17, M-0, Y-16, K-0
 R-0, G-71, B-186	 R-0, G-176, B-82	 R-173, G-232, B-191
 #0047BA	 #00B052	 #ADE8BF

SECONDARY

 White	 CATAmn Orange
 C-0, M-0, Y-0, K-0	 C-0, M-62, Y-62, K-0
 R-255, G-255, B-255	 R-224, G-128, B-98
 #FFFFFF	 #F47F61

TABLES

- Table headings should be bolded to differentiate themselves from table content.
- If a background color is to be used, it should be a lighter variation of PMS 293 C or PMS 354 C that maintains readability, or #F0F0F0.

Service	Costs
Fixed-Route	Regular one-way fare: \$1.25 Discounted one-way fare*: 60¢ Children (under 42 inches tall): Free *Applies to: <ul style="list-style-type: none">○ Medicare Cardholders with a valid card○ Students with a valid college or CATA Student ID Card.○ Seniors (62+ years) with valid CATAClub Card.○ Persons with Disabilities with valid CATAClub or ADA Card Transfer cards are issued at no charge (Customer must request transfer ticket upon boarding)

FORMS BUTTON STYLES

- Border: 1px solid #0047BA
- Color: #FFFFFF
- Background Color (PMS 293 C)
- Minimum Horizontal Padding: 6px
- Cursor: Pointer



UNORDERED LISTS

- Unordered lists should consistently use the *circle* “list style type” with the color of the markers being #00B052.

Public Meetings

- Board of Directors (Incl. minutes)
- Listening Sessions
- Local Advisory Committee
- Other Public Meetings

DOCUMENT CODE PRACTICES

- To ensure development efficiency, standard indentation should be used with HTML, CSS, Javascript and related website code.
- Complex functions, styles and content sections should be organized and described with comments.
- When necessary, CSS code should include vendor prefixes to ensure cross-browser compatibility.

MOBILE STYLES

- CSS media queries should be used to change styles based on display size.
- Site should be usable and display without a horizontal scrollbar at 320px wide.