

EMERYVILLE TRANSPORTATION MANAGEMENT ASSOCIATION

**STAFF REPORT MEMORANDUM**

DATE: May 17, 2011

FROM: Peter Oswald, Executive Director

SUBJECT: Acquisition of 2009 El Dorado National EZ Rider Bus

RECOMMENDATION

The Bus Acquisitions Committee (Directors Pinkston, Canter and Sears) recommend that the TMA acquire a 2009 El Dorado National EZ Rider bus from Creative Bus Sales via lease/purchase or loan, depending on final terms. Staff's recommendation to acquire this bus was based on the following logic:

1. As the economy improves, ridership is expected to increase which will cause us to increase the number of runs and/or decrease headways;
2. Our current fleet is aging and maintenance costs are increasing. An additional bus will help us maintain service levels when other buses are out for maintenance or repair;
3. Provide potential for a new route which would run north on San Pablo, then west/east along Powell (thus providing east/west accessibility and providing a connection point for the 3 routes in the middle Emeryville as well as eliminating the need for Shellmound/Powell to branch out on the peninsula). This potential route change is only conceptual at this time. Further analysis would need to be conducted before implementation.
4. This transit coach is yet another rare opportunity offered at a significantly reduced price and will last 20 years if maintained properly.

BACKGROUND

Currently the TMA fleet consists of 14 buses, 12 of which are International trucks converted to shuttle buses, 1 is a 2003 Thomas transit coach and 1 recently acquired 2007 EZ Rider transit coach. The projected "life-span" of an International converted shuttle bus is estimated between 7-10 years, while the projected "life span" for a transit coach is estimated between 12-20 years. It is the staff's preference to move toward acquiring only transit coaches as opposed to converted shuttle buses, in order to reduce the cost of maintenance in the future and to increase the longevity of the fleet.

In March 2011, the Board approved the acquisition of the 2007 EZ Rider transit coach. The purchase price of the bus was \$175,000 and was financed through the Bank of Alameda at an interest rate of 6%.

## DISCUSSION

El Dorado has released a 2009 EZ Rider II 32 foot, 32 passenger transit coach for sale. This transit coach was designed and built from the ground up as a heavy duty bus and was used as a demonstrator model, similar to the recently acquired 2007 EZ Rider. The bus is the new modern style known as BRT (seamless side windows, rounded curved front end and windshield) and includes several upgrades, such as stainless steel seat frames, upgraded upholstery, LED signage on the front, side and rear and air conditioning. It has 42,000 miles on the Cummins clean diesel engine and is immaculate on the inside and out. The sales representative I have been working with has told me they do not expect to have demonstrator buses available for another three years.

## FINANCIAL CONSIDERATIONS

The original price of the bus was \$369,000. Since we are a repeat customer, they are offering the bus to us for \$266,740 (38% off of the original price). Staff is currently seeking options for financing, but estimate a down payment of approximately \$27,000 and payments of \$6,500 per month.

Sufficient funds are programmed in the 2011 TMA Budget to pay monthly charges under either a lease purchase or loan purchase agreement.

## ATTACHMENTS

1. Photo and specifications of the 2009 El Dorado EZ Rider transit coach.
2. Resolution 11-05 authorizing approval of acquisition in the amount of \$266,740 and authorizing Executive Director to sign all documents pertaining to the acquisition.



NORTH SEATTLE

SIGNAL

847

SEATTLE

3-3-07

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PRE-SHIPPER

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SKIP: ELDORADO NATIONAL CO.  
BILL: ELDORADO NATIONAL CO.

9670 GALENA STREET  
9670 GALENA STREET

RIVERSIDE CA 92509  
RIVERSIDE 92509

E2RM-32  
CHANGE ORDER#: 02

OPEN DATE: 13FEB08 W/O: 560604 STOCK#: 28064 VIN: 1N9MHACLO9C084007 SLSM: MICHAEL AMMANN SCHEDULED SHP/DATE: 31AUG08

| ITEM#/ITEM         | DESCRIPTION  | QTY |
|--------------------|--|-----|
| MODEL / FLOOR PLAN |  |     |
| 119 096373473      | PSY CHASSIS E2RM 168"WB ISLO7 250HP/B300R AIR SUSP/AIR   | 1   |
| 154 9010879        | ASY E2-RIDER II MAX 32 FRT & MID DOOR BODY<br>- ENC BRT DEMO   | 1   |
| 176 /10-01         | BRT FRONT END  | 1   |
| 155 /10-02         | EXTENDED REAR PLATFORM   | 1   |
| MECHANICAL         |  |     |
| 2 1226562          | 400 AIR COMPRESSOR - ENGINE MOUNTED  | 1   |
| 6 1228139          | OPT REAR ENGINE "RUN" BOX  | 1   |
| 3 1400068          | 550 ELECTRONIC THROTTLE  | 1   |
| 111 /20-01         | ENGINE BELT GUARD - YELLOW POWDERCOATED  | 1   |
| 137 /20-01         | ENGINE DIESEL CUMMINS ISL-07 250HP   | 1   |
| 9 1226570          | 400 AIR DRYER  | 1   |
| 8 1226596          | 500 AIR BRAKES   | 1   |
| 7 1327949          | 500 ABS BRAKE SYSTEM<br>- W/TRACTION CONTROL   | 1   |
| 10 1283233         | 550 TRANSMISSION ALLISON B300R 5-SP W/RTDR<br>- 1ST STAGE OFF THROTTLE 2/3 ON BRAKE  | 1   |
| 135 1500597        | 500 TRANSYND TRANSMISSION FLUID  | 1   |
| 12 1328053         | 450 SILICONE COOLING HOSES - ALL<br>- AND COPPER LINES   | 1   |
| 13 1328202         | 520 STAINLESS STEEL RADIATOR TANKS & PIPING  | 1   |
| 14 1328210         | 520 STAINLESS STEEL SURGE TANK   | 1   |
| 167 /20-04         | 5.38 RATIO   | 1   |
| 189 /20-04         | EMP ELECTRIC RADIATOR/FAN SYSTEM   | 1   |
| 103 /20-04         | EXHAUST WRAP   | 1   |
| 128 /20-04         | MOUNT AIR TANKS IN COMPARTMENT ABOVE ENGINE  | 1   |
| 129 /20-04         | RUN WET TANK PULL CORD TO THE SIDEWALL   | 1   |
| 190 /20-04         | SPLIT BLOCK CLAMPS IN ENGINE & UPPER AREAS   | 1   |
| 177 /20-04         | TELEFLEX ADJUSTABLE PEDALS   | 1   |
| 166 /20-09         | FRONT & REAR KNEELING ALL FOUR BAGS<br>- LED KNEELING LIGHTS AT BOTH DOORS   | 1   |
| 17 1196690         | 550 STEERING COLUMN TILT & TELESCOPIC<br>- QUANTUM MODEL   | 1   |
| 18 1195122         | 520 WHEEL ALUMINUM CONVERSION<br>- POLISHED BOTH SIDES<br>- DURABRIGHT FINISH  | 1   |
| 93 /20-19          | TIRES 275/70R 22.5   | 1   |
| 94 /20-26          | BUMPERS TRANSPAC ENERGY ABSORBING  | 1   |
| 19 1025522         | 520 MUD FLAP FRONT (1) PAIR  | 1   |
| 20 1025527         | 520 MUD FLAP REAR (1) PAIR   | 1   |
| 157 /20-27         | TOW EYES ASSEMBLY FRONT  | 1   |
| 133 /20-28         | METAL EMERGENCY PULL KNOB  | 1   |
| ELECTRICAL         |  |     |
| 27 1090885         | 010 HIGH IDLE ASSEMBLY   | 1   |
| 26 1227917         | OPT FLUORESCENT INTERIOR LIGHTING<br>I/O CONTROLS LED INTERIOR LIGHTS  | 1   |
| 25 1220659         | 010 CIRCUIT BREAKER MANUAL RESET   | 1   |
| 23 1328152         | 010 BATTERIES DUAL 80 OH S/S SLIDE TRAY<br>- FULLY ENCLOSED STAINLESS STEEL BATTERY BOX  | 1   |
| 160 /30-01         | 24-VOLT ELECTRICAL SYSTEM  | 1   |
| 130 /30-01         | ALTERNATOR 24-VOLT EMP   | 1   |
| 75 /30-01          | I/O CONTROLS G-3 24-VOLT MULTIPLEX SYSTEM  | 1   |
| 164 /30-01         | PAGE STYLE BATTERY COMPARTMENT<br>- BATTERY BOX DOOR & SEAL<br>- BATTERY COMPARTMENT CIRCUIT BREAKERS<br>- BATTERY DISCONNECT SWITCH | 1   |
| 29 1042811         | 900 ALARM BACK-UP WARNING  | 1   |
| 31 1400076         | 550 CUMMINS ENGINE PROTECTION SYS. - DIESEL ONLY<br>W/LOW COOLANT PROBE  | 1   |
| 152 /30-07         | TWIN VISION DESTINATION SIGN SYSTEM<br>- FRONT & SIDE - FULL COLOR<br>- REAR - STANDARD AMBER  | 1   |

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P R E - S H I P P E R

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|     |         |   |   |
|-----|---------|---|---|
| 34  | 1025881 | 010 METER HOUR  | 1 |
| 33  | 1196427 | 520 HUBOMETER ASSEMBLY                                  | 1 |
|     |         | - PROGRAMMABLE  |   |
| 32  | 1328038 | 520 DAY/NIGHT RUN SWITCH                                | 1 |
| 38  | 1140276 | 010 TURN SIGNALS SIDE                                   | 2 |
|     |         | - FRONT & REAR  |   |
| 35  | 1227891 | 010 FLOOR MOUNTED DIRECTIONAL SIGNALS                   | 1 |
| 37  | 1228436 | 010 LIGHT ARMORED CLEARANCE                             | 1 |
| 36  | 1328251 | 010 L.E.D. - EXTERIOR LIGHTS                            | 1 |
| 174 | 1400415 | 650 REAR HIGH MOUNT COLLISION AVOIDANCE LIGHT           | 1 |
| 104 | /30-10  | 7" LED BACK-UP LIGHTS - DIALIGHT BRAND                  | 1 |
| 98  | /30-10  | 7" LED TAIL, STOP & TURN SIGNAL LIGHTS - DIALIGHT BRAND | 1 |
| 113 | /30-10  | LED DOOR STEP LIGHTS; INTERIOR & EXTERIOR               | 1 |
| 178 | /30-10  | LED REAR LICENSE PLATE LIGHT                            | 1 |
| 180 | /30-11  | LED DRIVERS LIGHT                                       | 1 |
| 179 | /30-11  | LED OVERHEAD FAREBOX LIGHT                              | 1 |
| 41  | 1043173 | 950 RADIO 2-WAY PREWIRE ALL MODELS                      | 1 |
| 40  | 1109065 | 950 RADIO 2-WAY ANTENNA CONDUIT PREWIRE                 | 1 |
| 39  | 1212372 | 950 PA SYSTEM INTERNAL GOOSENECK MIC W/4 SPEAKERS       | 1 |
|     |         | - REI ECHO PA   |   |
| 43  | 1400209 | 950 SPEAKER (1) EXTERNAL                                | 1 |
| 181 | /30-12  | RADIO AM/FM/CD/PA WITH (8) SPEAKERS                     | 1 |
|     |         | - (2) SPEAKERS IN DRIVERS AREA                          |   |
| 183 | /30-13  | SURVEILLANCE SYSTEM - REI BUS WATCH                     | 1 |
|     |         | - SEE ATTACHED CAMERA LAYOUT                            |   |
|     |         | ----  |   |
|     |         | BODY  |   |
|     |         | ----  |   |
| 184 | /40-01  | STAINLESS STEEL SIDE SKINS - SEE J. WRONOWICZ           | 1 |
| 125 | /40-01  | YELLOW JACKING PLATES FRONT & REAR                      | 1 |
| 102 | /40-02  | ALTRD FLOORING W/YELLOW STEP MOSING                     | 1 |
|     |         | - CNRDM PULSAR BLUE TFCR 2731                           |   |
| 191 | /40-02  | ANTI-SKID PANEL ON DRIVER'S PLATFORM                    | 1 |
| 45  | 1136662 | 300 UNDERCOATED AND SEALED BODY                         | 1 |
| 47  | 1227669 | 300 ZIEBART UNDERCOATING-INSIDE ALL ROLL CAGE TUBES     | 1 |
| 46  | 1400134 | 150 SPRAY FOAM INSULATION - WALLS & ROOF                | 1 |
| 151 | /40-04  | ACQ MARINE GRADE PLYWOOD                                | 1 |
| 163 | /40-04  | NOISE KILLER INSULATION                                 | 1 |
|     |         | - ON REAR ENGINE BULKHEAD, WHEELWELLS, ETC.             |   |
| 115 | /40-04  | QUILTED ENGINE BULKHEAD INSULATION LIKE 40' BUS         | 1 |
| 80  | /40-08  | DRIVER'S BARRIER  | 1 |
| 48  | 1150630 | 120 VENT ROOF EMERGENCY EXIT 4/WAY ADJ (TRANSPEC)       | 1 |
| 182 | /40-12  | FRAMELESS PASSENGER WINDOWS W/TEMPERED GLASS            | 1 |
| 49  | 1070192 | 600 WINDSHIELD WIPER KIT (INTERMITTENT)                 | 1 |
|     |         | - SPRAGUE SYSTEM FOR BRT                                |   |
| 52  | 1043272 | 650 MIRROR REAR VIEW INTERIOR                           | 1 |
|     |         | - METADAL #23.987.00                                    |   |
| 50  | 1227057 | 650 MIRROR 12" CONVEX REAR STEPWELL                     | 1 |
| 172 | /40-16  | HEATED/POWER MIRRORS FOR BRT PACKAGE                    | 1 |
|     |         | WITH LED TURN SIGNALS                                   |   |
| 55  | 1227032 | 010 REMOTE TOGGLE SWITCH - DOOR ENTRY                   | 1 |
| 173 | 1227594 | 120 DOOR OPERATOR AIR                                   | 1 |
| 56  | 1328095 | 120 SENSITIVE DOOR EDGES                                | 1 |
|     |         | - REAR DOOR ONLY  |   |
| 162 | /40-18  | DOOR CONTROL 5 POSITION                                 | 1 |
| 187 | /40-18  | DOOR INTERLOCK - BOTH DOORS                             | 1 |
| 95  | /40-18  | EXTRA AIR DUMP VALVE AT DRIVER'S AREA                   | 1 |
| 168 | /40-18  | VAPOR SLIDE-GLIDE DOORS                                 | 1 |
|     |         | - FRONT: VAPOR SINGLE PANEL PLUG                        |   |
|     |         | - CENTER: VAPOR SLIDE GLIDE                             |   |
|     |         | - VAPOR SPECIAL DOORS: FRAMELESS GLASS                  |   |

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PRE - SHIPPER

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|            |   |   |
|------------|---|---|
| 59 132B103 | 650 DRIVER COAT HOOK & STRAP                | 1 |
| 60 132B111 | SEA DRIVER LOCKABLE STORAGE COMPARTMENT     | 1 |
| 81 /40-24  | AUTOMOTION SHADE PULL DOWN DRIVER'S BLINDS  | 1 |
|            | - FOR DRIVER WINDSHIELD & SIDE WINDOW       |   |
|            | - & CURBSIDE WINDSHIELD                     |   |
|            | - SCISSOR TYPE                              |   |
| 114 /40-24 | DASH - BLACK COLOR                          | 1 |
| 108 /40-24 | FABRIC COVERED REAR WALL & LIGHT DUCTS      | 1 |
|            | - LA FRANCE PEARL SLATE #974-933D-21-7748   |   |
| 92 /40-24  | MELAMINE INTERIOR SIDEWALL & CEILING        | 1 |
|            | - ANGEL WHITE                               |   |
| 165 /40-24 | METAL EGRESS INSTRUCTION TAGS ON SIDEWALLS  | 1 |
|            | - PACE STYLE                                |   |
| 140 /40-24 | POWDER COATED STANCHIONS W/BENTECH FITTINGS | 1 |
|            | - NEW DESIGN; SEE Y. WAYNE                  |   |
|            | - SEE ENG SALES FOR COLOR                   |   |
| 175 /40-25 | FIBERGLASS ROOF CORNERS                     | 1 |
| 192 /40-25 | GAS SHOCKS & PULL STRAP ON UPPER REAR DOOR  | 1 |
| 107 /40-25 | REMOVEABLE LOWER EXTERIOR SIDE SKIRTS       | 1 |
| 96 /40-25  | SOLID CURBSIDE ENGINE ACCESS DOOR           | 1 |

HEATING, VENTILATION, AIR CONDITIONING

|            |   |   |
|------------|---|---|
| 63 1195023 | 400 A/C HEATER/DEF FRONT ASSEMBLY                 | 1 |
| 62 1229111 | 400 A/C SYSTEM - R134A STANDARD                   | 1 |
| 61 1400225 | 400 A/C SYSTEM THERMO KING ROOF MOUNT LRT (R134A) | 1 |
|            | - LRT 5P  |   |
|            | X430 COMPRESSOR; USE BUS ALTERNATOR               |   |
| 89 /50-01  | A/C BOOSTER IN DUCT FOR DRIVER                    | 1 |
| 64 1228105 | 400 HEATER HOSE INSULATION ARMAFLEX               | 1 |
| 142 /50-03 | BASEBOARD HEAT STREETSIDE ONLY                    | 1 |
| 123 /50-03 | FRONT STEP WELL HEATER DUCT                       | 1 |
| 134 /50-03 | WEBASTO THERMO 300 HOT WATER HEATER               | 1 |
|            | - DIGITAL TIMER IN DRIVER'S AREA                  |   |
|            | - MOUNT IN UPPER ENGINE COMPARTMENT               |   |

SAFETY & ANCILLARY EQUIPMENT

|             |  |   |
|-------------|--|---|
| 159 1024777 | 900 FIRST AID KIT (16)/FIRE EXT/TRI-REFLECTORS     | 1 |
| 67 1025493  | 650 HAREBOX WIRING ONLY                            | 1 |
| 69 1026237  | 350 SIGN ASSEMBLY "STOP REQUESTED"                 | 1 |
|             | LED  |   |
| 68 1227008  | 900 PASSENGER SIGNAL SYSTEM PULL CORD W/DASH LIGHT | 1 |
| 185 /60-03  | FARADAY CHINE FOR STOP REQUEST SYSTEM              | 1 |
| 150 /60-04  | LIFT-U 6:1 RAMP CENTER DOOR                        | 1 |
| 85 /60-04   | Q-STRAIGHT ORT MAX DELUXE TIE DOWN SYS-3 POSITIONS | 1 |
|             | - SLIDE W CLICK                                    |   |
|             | - DUAL KNOBS ON RETRACTOR                          |   |
|             | DO NOT SUPPLY HOOK & GO SECUREMENTS                |   |
| 139 /60-04  | RAMP SET RAMP FRONT DOOR                           | 1 |
| 70 /60-04   | SLA GUARDEE LINE YELLOW 3" X 38"                   | 1 |

SEATING

|            |  |   |
|------------|--|---|
| 138 /80-01 | 4-LINE ARIES PASSENGER SEATS - 31 PASSENGERS   | 1 |
|            | - PUSH BUTTON STOP REQUEST ON BOTTOM OF        |   |
|            | FLOOR MOUNTED FLIP SEATS                       |   |
|            | - STAINLESS STEEL LEGS & BACKS                 |   |
|            | PADDED SEATS                                   |   |
|            | - STL STL GRAB HANDLES ON FORWARD FACING SEATS |   |
|            | - FLIP SEATS ON FRONT WHEEL WELLS              |   |
|            | LA FRANCE PEARL SLATE #974-933D-21-7748        |   |
|            | HEAD RESTS IN ALL FORWARD FACING SEATS         |   |
|            | - CANTILEVER FRAMES WHERE POSSIBLE             |   |
|            | - CANTILEVER FRAMES ON FLOOR MTD. FLIP SEATS   |   |
| 186 /80-02 | NO SEAT TRACK                                  | 1 |

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P R E - S H I P P E R

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SHIP: ELDORADO NATIONAL CO.

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EZRM-32

BILL: ELDORADO NATIONAL CO.

9670 GALENA STREET

RIVERSIDE 92509

CHANGE ORDER#: 02

OPEN DATE: 13FEB08

W/O: 560604

STOCK#: 28064

VIN: 1H9HNAC109C084007

SLSM: MICHAEL AMMANN

SCHEDULED SHP/DATE: 31AUG08

170 /80-50

RECARO ERGO METRO DRIVER'S SEAT WITH AIR SLIDE

· RIGHT HAND ONLY ARMREST

· 3-POINT SEAT BELT

· STD. BLACK TRANSIT FABRIC

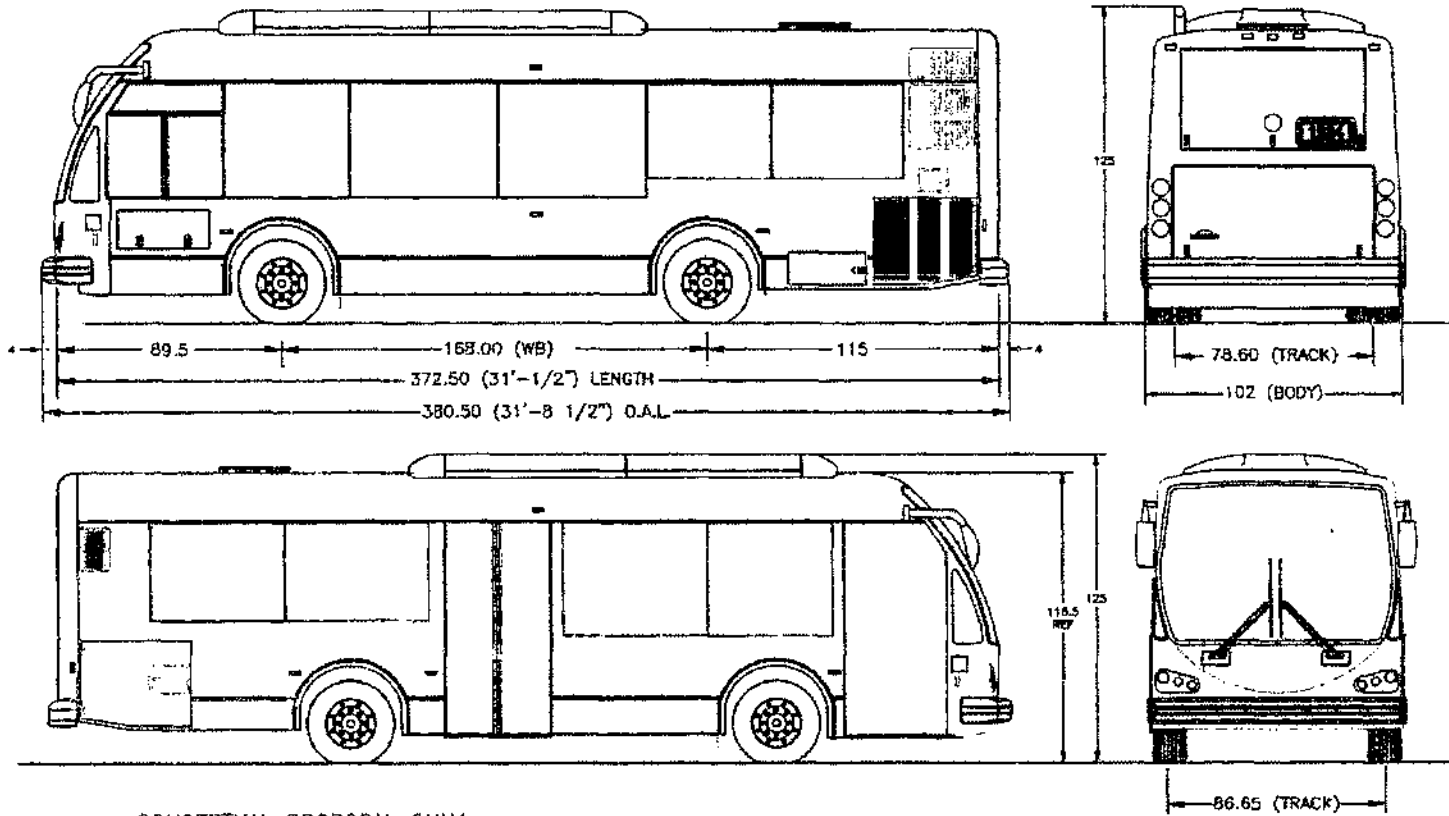
122

123

CHANGES TO CHANGE ORDER #01, 07/15/08:  
ADD PAINT & DECAL INSTRUCTIONS

CHANGES TO CHANGE ORDER #02, 09/11/08:  
SEE WORK ORDER CHANGE NOTICE





CONCEPTUAL PROPOSAL ONLY

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| REV |  | DATE     | BY  | DESCRIPTION | DATE  | BY | DESCRIPTION |
|-----|--|----------|-----|-------------|---|----|-------------|
| 1   |  | 07/27/04 | ... | ...         | <b>EL Dorado National - California</b><br>A HEILB Company<br>6670 Colton Street<br>Riverside, CA 92506 Phone (951) 501-9557 |    |             |
| 2   |  | 08/11/04 | ... | ...         | TITLE: ELEVATION<br>31' - 8 1/2" H x 31' - 1 1/2" L S.S.  |    |             |
| 3   |  | 08/11/04 | ... | ...         | MODEL: 22P L FRN<br>DWG NO.: 0102-083-02<br>SHEET: 1 OF 1   |    |             |

0102-083-02

RESOLUTION NO. 11-05

**RESOLUTION OF THE EMERYVILLE TRANSPORTATION MANAGEMENT ASSOCIATION TO PURCHASE AND AUTHORIZE THE EXECUTIVE DIRECTOR TO SIGN ALL DOCUMENTS RELATED TO PURCHASE OF A 2009 EL DORADO NATIONAL EZ RIDER BUS**

**WHEREAS**, the Emeryville Transportation Management Association (TMA) has identified the need to expand the Emery Go-Round Shuttle Fleet; and

**WHEREAS**, a 2009 El Dorado National EZ Rider Bus is available for purchase; therefore, be it

**RESOLVED**, that the Board of the Emeryville Transportation Management Association approves the purchase of one 2009 El Dorado National EZ Rider Bus, VIN # 1N9MNACL09C084007 for the sum of \$266,740, plus applicable taxes, licensing and fees; and

**FURTHER RESOLVED**, that the Board authorizes the Executive Director to sign all documents related to this bus acquisition.

Approved at a regular Emeryville TMA Board meeting by unanimous vote on May 19, 2011.

Signed: \_\_\_\_\_ Date: \_\_\_\_\_  
Chair

Signed: \_\_\_\_\_ Date: \_\_\_\_\_  
Board Secretary