

Description for each Siemens U2 and CAF Light Rail Vehicle:

Sacramento Regional Transit District (SacRT) has Siemens U2 light rail vehicles and a Construcciones Y Auxiliar De Ferrocarriles (CAF) light rail vehicle (LRV), and consists of the following:

Each LRV is comprised of two car body sections, permanently joined in a back-to-back arrangement by a flexible passageway (articulation). Each vehicle is supported in three locations by double-axled truck assemblies. Each of the outer trucks is equipped with an electric motor used to accelerate and brake the vehicle.

An operator's cab is provided at each end of the vehicle. The operator's cab nearest the roof-mounted pantograph is designated as "A" cab, while the cab at the opposite end is called the B cab. Full control of the vehicle is possible from either cab location. A total of eight passenger doors are provided, four on the left side and four on the right. Cab access is from the passenger compartment through a lockable sliding door.

Seating is symmetrical on both A and B car sections, with no seating in the articulation area. HVAC is provided by two roof mounted units, one on either end of the LRV.

The LRV is electrically driven by a 750VDC overhead catenary connected to a single pantograph assembly mounted on the roof of the A car and returned through the ground brushes to the running rail. Propulsion is accomplished through truck-mounted DC motors (AC on the CAF vehicles), which also provide regenerative braking. Additional braking is through friction braking system. Control of the high voltage is provided through a 28VDC battery bus system and a single auxiliary inverter.

Overall vehicle specifications:

- Overall Length: 79ft, 6in (Siemens); 84ft (CAF)
- Overall Width: 8ft, 9in
- Overall Height: ~13ft (with pantograph lowered)
- Empty Operating Weight: Approx 96,000lbs

The Siemens U2 vehicle was built between 1985 and 1991 and represents the beginning of light rail production by Siemens in the Sacramento region. The CAF vehicles were produced in Spain in 2001-2003 and assembled in Sacramento. Both vehicle types are currently in revenue service in the region.

Vehicle#	Year	Model	Mileage
106	1985	Siemens U2A	1,946,692
122	1986	Siemens U2A	1,884,667
134	1990	Siemens U2A	1,336,383
136	1990	Siemens U2A	1,177,249
217	2000	CAF S/200	921,823

Upon winning the auction, the following milestones must be completed within these set time limits:

- Within 5 days of end of auction: Proof of ability to fund moving the light rail vehicle.
- Within 30 days of end of auction: A schedule for the pickup (at the location designated below) and transport of the vehicle must be developed by Buyer and approved by SacRT. The schedule must account for any permits required by the City of Sacramento for picking up the vehicle in the specified location. The vehicle hauler must provide a Certificate of Insurance meeting the specified limits outlined below.
- Within 90 days of end of auction: light rail vehicle must be removed unless otherwise agreed upon in writing by SacRT.

Shipping- Buyer will be responsible for shipping the light rail vehicle:

- The light rail vehicle must be transported in whole and may not be disassembled at SacRT's facility.

Insurance

- Proper insurance must be in place and verified prior to removal of the light rail vehicle. This must come from the contracted hauler and include the following minimums:
 - Commercial General Liability with a per occurrence limit of \$2M.
 - Commercial Auto liability with a per accident limit of \$1M.
 - Workers Compensation with Employer's Liability coverage at limits of \$1M per employee/accident/aggregate.

The Certificate of Insurance must name "**Sacramento Regional Transit District**" and "**City of Sacramento**" as the additional insured for the general liability and commercial auto coverages.

Pick Up of light rail Vehicle

SacRT will transport each vehicle, in whole, on SacRT's tracks to 1435 Del Paso Blvd., Sacramento, CA, 95815 after the conclusion of SacRT's revenue service day and return of all in-service vehicles to SacRT's light rail maintenance facility. Contractor is solely responsible for taking custody of and transporting the vehicle at its sole cost, including obtaining and maintaining and permits required for overnight pick up of the vehicle at the specified address and transportation of the vehicle.

Transfer of Title

Title to the light rail vehicle and risk of loss is transferred, as is, where is, as of the date payment is made.