

REGIONAL TRANSIT ISSUE PAPER

Agenda Item No.	Board Meeting Date	Open/Closed Session	Information/Action Item	Issue Date
18	06/10/19	Open	Action	06/05/19

Subject: Sole Source Contract with Siemens Mobility for Maintenance Support of the UTDC Light Rail Vehicles

ISSUE

Whether or not to approve a Sole Source procurement and approving a Contract for UTDC Repairs and Maintenance Support with Siemens Mobility, Inc.

RECOMMENDED ACTION

Adopt Resolution No. 19-06-____, Approving a Sole Source Procurement and Approving a Contract for UTDC Repairs and Maintenance Support with Siemens Mobility, Inc.

FISCAL IMPACT

Budgeted:	Yes	FY 2020:	\$	349,440.00
Budget Source:	N/A	FY 2021:	\$	
Funding Source:	STA-SB1, Anticipated; may change if necessary	FY 2022:	\$	
Cost Cntr/GL Acct(s) or Capital Project #:	TBD	Total Amount:	\$	*349,440.00
Total Budget:	\$ 349,440.00			

*Four full-time on-site technicians to perform all activities required for Maintenance Support for the UTDC Light Rail Vehicles. Two technicians working the day shift at the rate of \$260.00 per hour, 8 hours a day. Two technicians working the swing shift at the rate of \$286.00 per hour, 8 hours a day.

DISCUSSION

The UTDC LRVs are a part of the fleet management plan and are needed to free up CAF LRVs to start the mid-life overhaul and for increasing repairs to the aging Siemens fleet of U2As.

In 2010, SacRT awarded the Contract for UTDC Light Rail Vehicle (LRV) Refurbishment to Siemens Industry, Inc. now known as Siemens Mobility, Inc. The contract required Siemens Industry, Inc. to refurbish 21 UTDC LRVs by overhauling and repairing the vehicle body and existing systems, upgrading some obsolete systems, and adding safety related monitoring systems. The refurbishment contract did not include the "Industry Standard" portion for new LRVs that require the Contractor staff to remain on site to provide support during the period after final acceptance to the point where LRVs are able to reliably run in revenue service. This period is typically a year. However, the Contract did include a requirement that Siemens provide no cost on-site support within 48 hours of a request by SacRT for the period from

Approved:

Presented:

Final 06/05/19

General Manager/CEO

VP, Operations

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arrival of the first car until Final Acceptance of the last car and within 48 hours of a request for service during the Warranty period.

In 2017, the LRV refurbishment portion of the contract with Siemens was completed. SacRT's Maintenance department found that, despite the training provisions of the refurbishment contract, the level of effort required to commission the LRVs was beyond their ability with the current staffing level and knowledge base. As a result, the UTDC LRVs were being placed out of service and not available for revenue service. Under two contracts spanning from June 26, 2017 to September 30, 2018, Siemens provided maintenance and repair services for a total contract cost of \$1,285,000. SacRT was hopeful that this prolonged maintenance effort would allow the vehicles to perform reliably, but unfortunately that has not been the case and there are a number of recurring and new issues that have kept the vehicles out of service.

In December 2018, SacRT's Maintenance Supervisor most knowledgeable about the vehicles and responsible for training LRV technicians on UTDC vehicle maintenance retired. In addition, SacRT currently has a shortage of LRV technicians capable of troubleshooting and repairing issues on these vehicles. Currently, only 3 of the 21 UTDC LRVs are in revenue service, which is directly affecting the ability to meet the service level to our customers by running LRV consists than are less than 4 cars in length during peak times.

It appears that SacRT may require long-term maintenance support to keep these vehicles in service. In the coming months, Staff will be conducting an RFP process to select a vendor to provide such services as needed for the next several years.

In the interim, to ensure that more UTDC vehicles are in service during the summer months, when high temperatures can negatively affect vehicle systems in SacRT's aging LRV fleet and result in vehicles being out of service, presenting service reliability issues, Staff is recommending that SacRT enter into a new short-term contract with Siemens to provide maintenance support. This contract, unlike prior agreements, will require Siemens technicians to work alongside SacRT technicians to provide hands-on training to SacRT staff as repairs are being undertaken, in the hopes of increasing the knowledge base of SacRT employees and minimizing the need for future services under the longer-term contract. Two Siemens technicians will be assigned to first shift and two will be assigned to the second shift in an attempt to ensure that all SacRT personnel have the opportunity to receive this hands-on training.

The UTDC LRVs were manufactured in 1985 and are not currently being operated by any other transit agency in North America. Due to its involvement in the refurbishment process, Siemens Industry, Inc. technicians will be able to start work on the LRVs as soon as technicians are available without the need for vehicle familiarization since they refurbished the LRVs and designed some of the features. The contract will specify that only LRV technicians with past UTDC experience will work on the contract.

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Staff recommends that the Board approve a short-term sole source procurement with Siemens Mobility, Inc. to retain 4 full-time on-site technicians to maintain for the UTDC LRVs for 120 days to provide time to conduct a full and open procurement for long-term services.

RESOLUTION NO. 19-06-_____

Adopted by the Board of Directors of the Sacramento Regional Transit District on this date:

June 10, 2019

APPROVING A SOLE SOURCE PROCUREMENT AND APPROVING A CONTRACT FOR UTDC REPAIRS AND MAINTENANCE SUPPORT WITH SIEMENS MOBILITY, INC.

BE IT HEREBY RESOLVED BY THE BOARD OF DIRECTORS OF THE SACRAMENTO REGIONAL TRANSIT DISTRICT AS FOLLOWS:

THAT, in accordance with Section 1.405.A.3 of SacRT Procurement Ordinance, a sole source procurement for services is permitted for federally-funded contracts when authorized by the FTA.

THAT, the FTA permits a sole source contract if there is an “unusual and compelling urgency” that will not permit a delay resulting from competitive solicitation for the property or services.

THAT, due to its involvement in the UTDC vehicle refurbishment project, Siemens Mobility, Inc. has the requisite knowledge and skills to immediately begin performing repair and maintenance work on this fleet.

THAT, if a sole source procurement with Siemens Mobility, Inc. for UTDC maintenance and repairs is not executed immediately, high summer temperatures that impact SacRT’s light rail fleet will cause vehicles to be out of service and significantly impact SacRT’s service reliability.

THAT, the Contract for UTDC Repair and Maintenance Support by and between Sacramento Regional Transit District (therein “SacRT”) and Siemens Mobility, Inc. (therein “Contractor”) whereby Siemens agrees to provide 4 full-time on-site technicians for an amount not to exceed \$349,440.00, is hereby approved.

THAT, the Chair and General Manager/CEO are authorized and directed to execute the foregoing Contract.

PATRICK KENNEDY, Chair

A T T E S T:

HENRY LI, Secretary

By: _____
Cindy Brooks, Assistant Secretary