

# REGIONAL TRANSIT ISSUE PAPER

Agenda Item No.	Board Meeting Date	Open/Closed Session	Information/Action Item	Issue Date
4	02/28/11	Open	Action	02/18/11

Subject: Approving a Sole Source Procurement and Awarding a Contract to Clever Devices Ltd. for the Purchase of Software and Hardware Enhancement for Automated Vehicle Location and Monitoring System.

## ISSUE

Whether or not to Approve a Sole Source Procurement and Award a Contract to Clever Devices Ltd. for the Purchase of Software and Hardware Enhancement of the Intelligent Vehicle Network (IVN) System currently installed on RT buses. This Enhancement will provide real-time bus location and predicted next vehicle arrival for RT dispatchers, as well as the general public via RT's website.

## RECOMMENDED ACTION

Adopt Resolution No. 11-02\_\_\_\_\_, Approving Sole Source Procurement and Awarding a Contract for Purchase and Installation of Bustime System to Clever Devices LTD.

## FISCAL IMPACT

Budgeted:	Yes	This FY:	\$ 644,503.72
Budget Source:	Capital	Next FY:	\$ 447,797.70
Funding Source:	State Proposition 1B – Transit Security Grant Program	Annualized:	\$
Cost Cntr/GL Acct(s) or Capital Project #:	GL=910800 WBS=G105	Total Amount:	\$ 1,092,301.42
Total Budget:	\$ 1,092,301.42		

## DISCUSSION

In 2001, when RT released its first solicitation for low-floor Compressed Natural Gas (CNG) buses, the solicitation included a requirement that the bus be equipped with an automated voice announcement/passenger counting system, including GPS equipment. In keeping with the then-current APTA guidelines, RT did not specify a manufacturer for the system and instead offered proposers an opportunity to select the subcontractor that would provide the system. Orion, the successful proposer for that procurement, selected a proprietary system named IVN (Intelligent Vehicle Network) by Clever Devices Ltd, the cost of which was included in the overall cost of the buses.

Since that time, RT has continued to use and expand the Clever Devices IVN system, including acquiring additional proprietary Clever Devices equipment and software for newly purchased buses.

Approved:

Presented:

FINAL 2/21/11

General Manager/CEO

Director of Information Technology

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Subject: Approving a Sole Source Procurement and Awarding a Contract to Clever Devices Ltd. for the Purchase of Software and Hardware Enhancement for Automated Vehicle Location and Monitoring System.

Presently, all of RT’s buses are equipped with Clever Devices IVN systems. The IVN provides; automated GPS-based “next stop” voice announcements, automated head sign control, passenger boarding counts, vehicle on-time performance monitoring. The system also monitors engine and transmission operating conditions and works in conjunction with RT’s Trapeze scheduling and run cutting software. The IVN system is essentially the heart of an on-board computer monitoring and GPS based location and schedule/route adherence system.

To better serve customers, RT desires to provide real-time bus location and arrival prediction via the Internet, RT’s automated telephone information system and Customer Service Center. The BusTime software system developed by Clever Devices integrated with its IVN system offers this functionality.

Staff wishes to augment RT’s existing IVN system by purchasing the BusTime software system, and contracting with Clever Devices for installation of the on-board upgrades and central servers software.

Staff has researched the market and found that other suppliers of hardware and software are not compatible with RT’s existing equipment. The cost to remove and replace the entire IVN system would be cost prohibitive and not in the best interest of RT. Additionally, staff has researched the market and determined that the price offered by Clever Devices LTD to be fair and reasonable.

Therefore, staff requests that the Board approve a sole source procurement and authorize award of a contract to Clever Devices Ltd., not to exceed the amount of \$1,092,301.42 with execution by the General Manager/CEO.

RESOLUTION NO. 11-02-\_\_\_\_\_

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

February 28, 2011

**APPROVING SOLE SOURCE PROCUREMENT AND AWARDING A CONTRACT  
FOR PURCHASE AND INSTALLATION OF BUSTIME SYSTEM TO CLEVER  
DEVICES LTD.**

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

THAT, in accordance with Section 1.405 of the RT Procurement Ordinance, a sole source procurement is permitted upon a determination that the required product is only available from the manufacturer and it would be futile to seek competition.

THAT, only Clever Devices Ltd. manufactures software and hardware that are compatible for use with the existing Intelligent Vehicle Network System currently installed on RT buses and, therefore, it would be futile to seek competitive bids for that equipment as otherwise required under Public Utilities Code Section 102222.

THAT, Contract between Sacramento Regional Transit District, therein referred to as "RT," and Clever Devices Ltd, therein referred to as "Contractor," whereby Contractor agrees to provide software and hardware for the BusTime Real-time Passenger Information System, as specified, for an amount not to exceed \$1,092,301.42, is hereby approved.

THAT, the General Manager/CEO is hereby authorized and directed to execute said Contract.

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DON NOTTOLI, Chair

A T T E S T:

MICHAEL R. WILEY, Secretary

By: \_\_\_\_\_  
Cindy Brooks, Assistant Secretary