

REGIONAL TRANSIT ISSUE PAPER

Agenda Item No.	Board Meeting Date	Open/Closed Session	Information/Action Item	Issue Date
4	03/28/16	Open	Action	03/18/16

Subject: Approving a Sole Source Procurement and Awarding a Contract to Clever Devices Ltd. for the Purchase of Clever Works and Clever CAD (Computer Aided Dispatch) Software Solutions.

ISSUE

Whether or not to approve the Sole Source Procurement and Award a Contract to Clever Devices Ltd. for the Purchase of Clever Works and Clever CAD (Computer Aided Dispatch) Software Solutions.

RECOMMENDED ACTION

Adopt Resolution No. 16-03____, Approving Sole Source Procurement and Awarding a Contract for Purchase and Installation of Clever Works and Clever CAD to Clever Devices Ltd.

FISCAL IMPACT

Budgeted:	Yes	This FY:	\$ 606,069.80
Budget Source:	Capital	Next FY:	\$ 49,043.00
Funding Source:	State Proposition 1B – Transit Security Grant Program	Annualized:	\$ 606,069.80
Cost Cntr/GL Acct(s) or Capital Project #:	T034	Total Amount:	\$ 655,112.80
Total Budget:	\$ 655,112.80		

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 and 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 Clever Devices equipment and software for newly purchased buses.

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,

Approved:

Presented:

Final 03/21/16

General Manager/CEO

IT Project Coordinator

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passenger boarding counts, and 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.

On February 28, 2011, the Board approved a sole source procurement with Clever Devices Ltd. to purchase the BusTime software system developed by Clever Devices. This system currently provides real-time bus location and arrival prediction services via the Internet, a mobile application, RT's automated telephone information system and the Customer Service Center.

To better serve customers, RT desires to upgrade its BusTools database to Clever Works. Clever Works is the next generation transit solution from Clever Devices that provides a new way of collecting data. Currently, RT personnel need to drive each bus route in a data collection van to build the database that our scheduling system depends on. Clever Works provides new tools for route planning and validation of RT bus routes on a computer. The upgrade to Clever Works will improve RT's ability to verify the accuracy of routes and make modifications to those routes in a more timely, cost effective manner. Clever Works will also provide RT with tools to configure and define geofences, which are virtual perimeters around bus stops or other physical locations. These geofences will allow RT to trigger public service announcements or other location-based information at RT bus stops, transit centers, stadiums or other designated facilities.

Clever CAD is a Computer Aided Dispatch and Automatic Vehicle Location (CAD/AVL) solution designed for mass transit agencies. It provides dispatchers and supervisors with critical real-time information for fleet management, including vehicle location, schedule adherence and condition of the vehicle. Clever CAD allows the dispatcher, or other authorized users, to monitor, modify, manage, and close Daily Incident Reports and Emergency Events Reports. It will also provide remote logon and logoff capability to allow dispatchers to communicate with, and provide assistance to, RT bus operators, when needed.

Staff wishes to augment RT's existing BusTime system by purchasing Clever Works and Clever CAD and contracting with Clever Devices for installation of this central server software.

Staff has researched the market and found that other suppliers of hardware and software are not compatible with RT's existing IVN equipment or BusTime software. The cost to remove and replace the entire Clever Devices 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 \$655,112.80 and

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authorize the General Manager/CEO to execute the contract necessary to effectuate the purchase and installation.

RESOLUTION NO. 16-03-_____

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

March 28, 2016

APPROVING SOLE SOURCE PROCUREMENT AND AWARDED A CONTRACT FOR PURCHASE AND INSTALLATION OF CLEVER WORKS AND CLEVER CAD 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 and the BusTime System currently installed on RT buses and servers, 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 installation and implementation services for Clever Works and Clever CAD, as specified, for an amount not to exceed \$655,112.80, is hereby approved.

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

JAY SCHENIRER, Chair

A T T E S T:

MICHAEL R. WILEY, Secretary

By: _____
Cindy Brooks, Assistant Secretary

