

Agenda Report

January 23, 2012

TO: Honorable Mayor and City Council

FROM: Department of Transportation

SUBJECT: CONTRACT AWARD TO CONNEXIONZ LTD. FOR THE DEPLOYMENT OF A TRANSIT VEHICLE ARRIVAL INFORMATION SYSTEM FOR THE PASADENA AREA RAPIF TRANSIT SYSTEM (ARTS)

RECOMMENDATION:

It is recommended that the City Council:

1. Find that the implementation of the Transit Vehicle Arrival Information System (TVAIS) project is exempt from the California Environmental Quality Act ("CEQA") pursuant to State CEQA Guidelines Section 15301, Existing Facilities; and
2. Authorize the City Manager to enter into a contract with Connexionz Ltd. for the deployment of the TVAIS for the City of Pasadena ARTS buses in an amount not to exceed \$1,391,319.

BACKGROUND:

Between FY2006 and FY2009, Congress appropriated \$834,077 in federal funds, Section 5309 of the Safe Accountable Flexible Efficient Transportation Equity Act – A Legacy for Users (SAFETEA-LU), for a Real Time Transit Vehicle Arrival System for the City of Pasadena. This project received additional funding of \$683,150 through an award from the Los Angeles County Transportation Metropolitan Transportation Authority (Metro) 2009 Call for Projects. The Section 5309 federal transit funds and the Metro Call for Project funds will be used for the purchase and installation of a Real Time Automated Vehicle Location (AVL) System on the ARTS buses.

The TVAIS will enable the ARTS buses to be tracked by a system to provide customers with "real-time" arrival information, with implementation scheduled for late 2012. ARTS bus customers will be able to obtain real-time bus arrival information via an interactive voice response (IVR) component (i.e., information via phone),

installation of real-time information signs at a number of key bus stops, the internet, as well as automated voice announcements on the buses as buses approach bus stops.

In addition, the implementation of this project will allow the City to track on-time performance, route adherence, and aid dispatchers and operations personnel in quickly identifying the location of vehicles and facilitate the resolution of incidents. This information will also be available to the City Traffic Management Center (TMC).

The TVAIS is designed to be an efficient, effective, reliable, flexible, and expandable bus CAD/AVL system that meets the needs of the ARTS ridership, and the City's management, dispatchers, bus operators, and road supervisors. Key objectives of this project include:

- Provide improved delivery of transit information to the public
- Improve operational efficiency
- Improve service quality

The Contractor shall furnish, install, test, and make operational a TVAIS for the City of Pasadena. The Contractor shall be responsible for all acts, tasks, equipment, system components, and services required for a turnkey TVAIS that is fully functional in accordance with the Contract and Technical Specifications.

On March 24, 2011, a Request for Proposal (RFP) for this project was advertised and released to prospective vendors. During this process, three addendums were issued to this RFP that provided additional information and further clarification to existing requirements in the RFP. There was a pre-bid meeting held on April 11, 2011. Proposals were received from three firms (listed below in alphabetical order) on June 9, 2011:

- Connexionz Ltd. – Arlington, VA (headquarters in Christchurch, New Zealand)
- Route Match Software, Inc. – Atlanta, GA
- Syncromatics Corporation – Los Angeles, CA

Based on review of the proposals using the selection criterion identified in the Request for Proposals, Connexionz Ltd. was awarded the highest score. Scoring by the selection committee was done per review of each vendor's proposal, in person technical interviews, and subsequent Best and Final Offers from the three firms. Based on the scores provided by the selection committee, it is recommended that Connexionz Ltd. be awarded the contract.

COUNCIL POLICY CONSIDERATION:

The proposed action is consistent with the following goals of the Strategic Plan: Improve, Maintain and Enhance Public Facilities and Infrastructure and Improve Mobility and Accessibility throughout the City. The Pasadena ARTS TVAIS project will improve and support transit use on the ARTS by providing real-time passenger information to customers.

ENVIRONMENTAL ANALYSIS:

The proposed action to approve a contract with Connexionz Ltd. for the deployment of the Pasadena ARTS TVAIS has been determined to be exempt from CEQA per Section 15301, Existing Facilities. The proposed action to enter into this contract will not result in any significant change or increase in service.

FISCAL IMPACT:

The cost of this action will be \$1,391,319. Funding for this action will be addressed by the utilization of existing budgeted appropriations in account 301-773200-75701 – ITS Phase I. It is anticipated that \$486,962 of the cost will be spent during the current fiscal year. The remainder of the costs will be spent over the next fiscal year. Construction engineering, inspection, administration and support costs are anticipated to be \$223,371 during a period of two fiscal years and will be addressed by the utilization of existing budgeted appropriations in account 301-773200-75701 – ITS Phase I, as shown in the Phase I and Phase 2 tables below.

The following table presents a summary of the sources of funds that will be used.

FTA 5309	\$834,077
Local Match (Gold Line Surplus)	\$208,520
Metro 2009 Call for Projects (LTF)	\$683,150
Local Match (Gold Line Surplus)	\$210,200
Total Sources	\$1,935,947

The following tables present a contract summary. The contract is separated into two phases for purposes of project fund tracking.

Contract Amount Phase I	\$749,509
Contingency Phase I	\$74,951
Contract Admin/Inspection Phase I	\$110,000
Subtotal Phase I	\$934,460

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Contract Amount Phase II	\$515,359
Contingency Phase II	\$51,500
Contract Admin/Inspection Phase II	\$113,371
Subtotal Phase II	\$680,230

Design, Marketing, Metro Coordination	\$321,257
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Total Fiscal Impact	\$1,935,947
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The anticipated impact to other operational programs or capital projects as a result of this action varies. In the first five years following implementation, there will be no impact for maintenance of the system since the contract terms include a five-year maintenance warranty by the vendor. An operations cost of \$6,000 per year has been identified for staff support, which will be absorbed through the existing Transportation Operations budget.

Respectfully submitted:

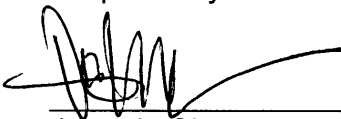


FREDERICK C. DOCK

Director

Department of Transportation

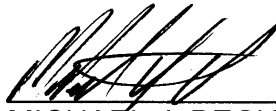
Prepared by:



Joaquin Siques

Engineer

Approved by:



MICHAEL J. BECK

City Manager

**Disclosure Pursuant to the
City of Pasadena Taxpayer Protection Amendment
Pasadena City Charter, Article XVII**

Contractor/Organization hereby discloses its trustees, directors, partners, officers, and those with more than 10% equity, participation, or revenue interest in Contractor/Organization, as follows:

(If printing, please print legibly. Use additional sheets as necessary.)

1. Contractor/Organization Name: Connexionz Limited

2. Type of Entity: <input checked="" type="checkbox"/> non-government <input type="checkbox"/> nonprofit 501(c)(3), (4), or (6)

3. Name(s) of trustees, directors, partners, officers of Contractor/Organization:
Bruce Sheppard, Chairman
Richard Riley, Director
Tony Kan, Director
Brian Olorenshaw, Director

4. Names of those with more than a 10% equity, participation or revenue interest in Contractor/Organization:
Southern Hills Imperial Timer (1932) Pty Ltd
Robert Burke

Prepared by: Roger Carruthers

Title: Chief Executive Officer

Phone: (866) 254 - 4140

Date: 26 May 2011