

# REGIONAL TRANSIT ISSUE PAPER

Agenda Item No.	Board Meeting Date	Open/Closed Session	Information/Action Item	Issue Date
5	09/08/14	Open	Action	08/28/14

Subject: Approve Work Order No. 17 to the Contract with Psomas for General Engineering Support Services

## ISSUE

Whether or not to Approve Work Order No. 17 Downtown/Riverfront Streetcar Project – Streetcar Specification Development to the Contract with Psomas for General Engineering Support Services.

## RECOMMENDED ACTION

Adopt Resolution No. 14-09-\_\_\_\_, Approving Work Order No. 17 Downtown/Riverfront Streetcar Project – Streetcar Specification Development to the Contract with Psomas for General Engineering Support Services.

## FISCAL IMPACT

Budgeted:	Yes	This FY:	\$	127,130.52
Budget Source:	Capital	Next FY:	\$	0
Funding Source:	Prop 1B – PTMISEA	Annualized:	\$	0
Cost Cntr/GL Acct(s) or Capital Project #:	S010.03.02.01.17	Total Amount:	\$	127,130.52
Total Budget:	\$ 127,130.52			

## DISCUSSION

On June 24, 2013, the RT Board of Directors delegated authority to the General Manager/CEO to award a contract for General Engineering Support Services (GESS) to Psomas. The GESS Consultant provides on-call engineering support for various capital projects. All work is performed on a Work Order basis. There is no predetermined scope or dollar amount limit for an individual task. Work Orders exceeding \$100,000 must be brought to the Board for approval.

The Downtown/Riverfront Streetcar Project (Streetcar Project) Management Team (PMT), comprised of staff from City of Sacramento, City of West Sacramento, Sacramento Area Council of Governments (SACOG), Caltrans, Yolo County Transportation District, and RT, continues to meet bi-weekly, with the focus of discussions centered on the advancement of this Project. During these discussions, it became apparent that development of streetcar specifications and the ultimate purchase of the Streetcar vehicles are now on the Project's critical path.

As part of Work Order No. 17, Psomas will work with LTK Engineering to provide professional

Approved:

Presented:

Final 9/3/14

General Manager/CEO

Director, Project Management

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services associated with developing a streetcar technical specification for the Streetcar Project. Development of special terms and conditions unique to rail vehicle procurements will be included in Psomas' work.

The following is list of activities associated with developing streetcar technical specifications that will be performed by Psomas under the work order.

### Technical

- Discuss RT standard light rail vehicle configurations, and the interaction of future streetcar vehicles with current light rail vehicles.
- Discuss with RT the issues of ADA compliance.
- Discuss with RT mixed light rail/streetcar operations including CPUC compliance and towing.
- Discuss with RT optional features (off-wire operations, fare collection, WiFi, vehicle tracking, etc.).
- Coordinate with RT Operation & Maintenance (O&M) for controls and configurations, mechanical preferences (wheel types, for example), and lessons learned from existing operations.
- Using LTK specifications already in use or in process:
  - Incorporate above RT configurations into specification; segregate optional features
  - Maintain specifications as performance-based, incorporating modern vehicle features but allowing latitude
  - Advise and coordinate with RT where questions arise
  - LTK in-house review and Quality Control
  - Final draft to RT for review
  - Incorporate RT comments
  - Final version to RT

### Special Provisions

- Discuss delivery schedules
- Discuss and recommend payment options
- Optional features: how to bid and price
- Spare parts:
  - LTK to provide suggested listings, with RT inputs
  - Discuss with RT how spare parts costs are to be bid
- Discuss O&M special tools with RT
- Warranty
- Liquidated Damages

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- Training, drawings, and manuals
- Buy America/Audits
- Inspection Rights
- Use of RT facilities
- Performance security
- Incorporate above into single document, provide to RT

The work contemplated will be presented to the Downtown Riverfront Streetcar Policy Steering Committee for feedback on the specific features and Off-Wire options to be included in the final procurement documents.

Staff recommends that the Board approve Work Order No. 17 and Work Order No. 18 to the Contract with Psomas for General Engineering Support Services.

RESOLUTION NO. 14-09-\_\_\_\_\_

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

\_\_\_\_September 8, 2014\_\_\_\_

**APPROVING WORK ORDER NO. 17 DOWNTOWN/RIVERFRONT STREETCAR  
PROJECT – STREETCAR SPECIFICATION DEVELOPMENT TO THE CONTRACT  
WITH PSOMAS FOR GENERAL ENGINEERING SUPPORT SERVICES.**

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

THAT, Work Order No. 17 Downtown/Riverfront Streetcar Project – Streetcar Specifications Development to the Engineering Support Service Contract between the Sacramento Regional Transit District, therein referred to as “RT,” and Psomas, whereby Consultant agrees to perform streetcar specification development services as specified for an amount not to exceed \$127,130.52, is hereby approved.

THAT, the General Manager/CEO is hereby authorized and directed to execute Work Order No. 17.

\_\_\_\_\_  
PHILLIP R. SERNA, Chair

A T T E S T:

MICHAEL R. WILEY, Secretary

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