REPORT

DATE: December 6, 2007

TO: Administration Committee and Regional Council

FROM: Leyton Morgan, Manager of Contracts

SUBJECT: Contracts Over $250,000

EXECUTIVE DIRECTOR'S APPROVAL:

RECOMMENDED ACTION:

Approve

BACKGROUND:

LSA Associates, Inc. $336,633
(Develop weekend travel demand model)

FISCAL IMPACT:

The cost associated with this project are captured in Work Element Number 07-070.SCGC4 & 08-070.SCGC4.

Reviewed by:

Division Manager

Reviewed by:

Chief Financial Officer

CONSULTANT CONTRACT

Consultant: LSA Associates, Inc.

Scope: It has been a major public concern that the Southern California Air Basin experiences frequent episodes of the worst ozone levels during the weekends. Yet there is no model to simulate traffic conditions and to estimate mobile source emissions for the weekend period. The objective of this project is to develop a Weekend Travel Demand Model to forecast weekend traffic. This model will provide planners, policy makers, and the general public a better understanding of weekend travel patterns, congestion gaps, and emissions levels. It will be a valuable tool to test and evaluate alternative transportation facilities and policies to alleviate weekend traffic congestion and to lower emissions.

The selected Contractor will review and process the survey data to identify overall household and personal travel patterns and to estimate and calibrate trip generation, trip distribution, mode choice, and trip assignment models for the survey data. The Contractor will also collect screenline traffic counts and other traffic data such as Vehicle Miles Traveled (VMT) data to validate the weekend model for the SCAG region.

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Contract Amount: **Total not to exceed** **$336,633**
LSA Associates, Inc.

Contract Period: December 6, 2007 through June 30, 2009

Work Element:

07-070.SCGC04	$100,000	Funding Sources: Consolidated Planning Grant – FHWA and TDA
08-070.SCGC04	$236,633	Funding Sources: Consolidated Planning Grant – FHWA and TDA

Request for Proposal: (RFP) SCAG staff notified 238 pre-qualified firms of the release of RFP No. 07-045. The RFP was also advertised on Lawley Publications' website, the Planning Magazine's website, and posted on SCAG's bid management system. A total of 33 firms downloaded the RFP. The following proposals were received in response to the solicitation:

LSA Associates, Inc. (no subcontractors)	$336,633
Caliper Corporation (no subcontractors)	$400,000
PB Americas (1 subcontractor)	$399,974
Dowling Associates (1 subcontractor)	$398,946

Selection Process: The Proposal Review Committee (PRC) evaluated the proposal submitted in accordance with the criteria set forth in the RFP, and the selection process was conducted in a manner consistent with all applicable Federal and State contracting regulations.

The PRC was comprised of the following individuals:

Tony Van Haagen, Senior Transportation Planner, Caltrans
Teresa Wang, Program Manager, SCAG
Guoxiong Huang, Program Manager, SCAG
Anup Akulkarni, Regional Modeling Manager, OCTA
Robert Farley, Transportation Planning Manager IV, MTA

Basis for Selection: The PRC recommends LSA Associates, Inc. for the contract award for the following reasons:

- LSA's price was over $62,000 less than the next lowest price proposal.
- The firm's previous experience in performing quality travel demand model development projects, using the TransCAD Modeling Software.
- The firm's excellent technical approach.
- The firm's overall quality and commitment of the project team.
- LSA's proposal demonstrated an excellent project understanding.

LSA will complete the demanding tasks within the limited budget and has committed to deliver all specified products by June 30, 2009.

LSA has assembled a solid project team for the project, with very reasonable resource allocation and cost profile. LSA is recognized for its thorough, innovative, and quality work in the fields of transportation modeling. LSA's transportation planning and modeling group has received the Institute of Transportation Engineer's "Best Practice Plan of the Year" for both 2001 and 2004. LSA was also awarded FHWA/FTA's 2006 Transportation Excellence Award. The project manager assigned to this project is experienced in performing similar tasks. The project manager also demonstrated a good understanding of the key project objectives including the need to develop sophisticated models to simulate congestion and air quality for both Saturday and Sunday.