



Land Use & Housing Committee

May 27, 2009

EcoInteractive I-PLACE³S Maintenance Contract

Issue: Should SACOG contract with EcoInteractive, Inc. to maintain computer support for the I-PLACE³S planning model for the FY 2009-2010 period?

Recommendation: That the Land Use & Housing Committee recommend that the Board authorize the Executive Director to execute a sole-source contract with EcoInteractive, Inc. for maintenance of the I-PLACE³S planning model in the amount of \$84,984.

Discussion: I-PLACE³S is a planning model that facilitates integrated land use and transportation planning. It provides a web-based platform from which to communicate ideas, store data, and model potential land use, transportation, and air quality outcomes, among others. The I-PLACE³S planning model was instrumental in the Blueprint Project from 2002 to 2004 and in the development of the Metropolitan Transportation Plan 2035 (MTP 2035) land use allocations. In the Blueprint and MTP 2035 public workshops, I-PLACE³S was the tool that provided workshop participants with quantitative outcomes of their land use and transportation scenarios and supported their interactive dialogue.

I-PLACE³S continues to be important in the Blueprint implementation efforts at SACOG and several member and partner agencies. SACOG staff and member agencies use it to develop land use scenarios that feed into travel and air quality modeling. I-PLACE³S is also being used as the primary modeling platform for the Rural Urban Connections Strategy project. EcoInteractive, Inc. is the contractor that developed the web-based version of the PLACE³S program, called I-PLACE³S, and has continued to provide the computing and user support services.

In order to continue with this program in the most cost-effective method, staff recommends that a sole-source contract be executed with EcoInteractive, Inc. In the past, SACOG contracted for a package of services that included website maintenance and support for SACOG and its member and partner agencies, small-scale software customization (adding new functions to the software), and after-hours website support for public workshops. In an effort to minimize expenses this fiscal year, staff recommends that the maintenance contract be limited to website maintenance support. This is a savings of \$22,139 for FY 2009/2010. Major software programming (development of the RUCS rural lands model, and upgrading of the land use/transportation analysis tool) is covered under separate contracts.

A 12-month contract from July 1, 2009 to June 30, 2010 is proposed. The scope of work from EcoInteractive, Inc. is attached. Sufficient funds for the contract are included in the FY 2009-10 SACOG Budget for Model Development.

Approved by:

Mike McKeever
Executive Director

MM:KL:ef
Attachment

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EXHIBIT “A”

Scope of Work

I-PLACE³S MAINTENANCE PROGRAM

EcoInteractive will provide the I-PLACE³S software solution via software as a service (SaaS) over the Internet. This project will include:

- Providing I-PLACE³S “software as a service” over the Internet from July 1, 2009 through June 30, 2010 to SACOG including technical support, and SaaS as described below. This scope of work is for services only (no deliverables).
- Providing access to I-PLACE³S Software as a service for use by SACOG and their member agencies.
- Supporting after hours support for up to ten I-PLACE³S workshops during the 12-month period (July 1, 2009 through June 30, 2010). Workshops will be scheduled with EcoInteractive, Inc. 4 weeks in advance.
- Providing access to the SACOG travel model module for up to 3 concurrent model runs
- If maintenance fees are not renewed at the end of this contract period, EcoInteractive will remove SACOG (including SACOG and member agencies) projects and access to I-PLACE³S at the end of the contract period.

SACOG responsibilities include:

- Own and be responsible for the quality of the planning data at all times
- Be responsible for the upload of the planning data
- Be responsible for authorizing access to the I-PLACE³S system for their staff and member agencies
- Provide a key point of contact to act as the interface between EcoInteractive and SACOG
- Assume the role of QA/QC coordinators for their client’s planning data
- Provide all GIS map data (and any licenses required), which EcoInteractive will use for all I-PLACE³S applications
- Identify in writing any confidential information or data.
- Provide licenses for Citilabs software for the travel model feature

EcoInteractive, Inc. shall:

- Provide a 24-hour emergency contact number.
- Not use or release SACOG data without written approval from the SACOG project manager.
- Notify SACOG before implementing I-PLACE³S upgrades and new releases during the contract period.

- Implement reasonable practices to help ensure the integrity of SACOG information, including: measures to help protect SACOG information from unauthorized access, modification, destruction, or disclosure and measures to help ensure the physical security of those resources.

The package of I-PLACE³S services will include:

A. Provide access to SaaS infrastructure in co-location facility including monitoring, and secured data storage for up to 1 Terabyte of data:

- Provide high quality bandwidth and network capacity
- Provide near 24x7 access

B. Provide access to all hardware and software for the SaaS environment for the I-PLACE³S application including:

- Database server(s)
- Application server(s)
- Authentication server(s)
- Internet map server(s)
- Firewall
- Intrusion detection system
- Failover servers
- Network Infrastructure
- Database software
- GIS software
- NOTE: Specialized infrastructure will be provided to meet SACOG's current needs for the travel module (see item E).

C. Provide appropriate staffing capability to support I-PLACE³S SaaS environment including:

- Database Administrator functions
- GIS Administrator functions
- Network Administrator functions
- Internet Application Support functions
- Security Administrator functions
- Helpdesk functions
- User business process analysis

D. Provide maintenance support for the I-PLACE³S software:

- Support to fix software errors
- Support software for programming changes required to work with new operating system and database software
- Includes appropriate software and hardware updates
- Does not include software enhancements or new functionality

E. Provide specialized infrastructure to meet SACOG's current needs for the travel module

- Provide ability for up to one concurrent model run

COST INFORMATION

Description	Cost
Provide and support I-PLACE3S software as a service A. Provide ASP hosting environment. B. Provide all hardware and software for the I-PLACE ³ S "server farm" in the ASP hosting environment. C. Provide appropriate staffing capability to support I-PLACE ³ S and maintain the application, ASP hosting environment, and services for software modification. D. Provide maintenance support for the I-PLACE ³ S software.	\$80,342
Provide infrastructure for travel model E. Provide specialized infrastructure to meet SACOG's current needs for the travel module for one model runs	\$4,642
Total Itemized Price (Billed monthly as a fixed fee of \$7,082)	\$84,984