

# **EXHIBIT A**

## **SCOPE OF WORK Fresno ABM On-call Modeling Support**

**June 2018**

### SCOPE OF WORK

RSG will assist Fresno COG staff with any technical issues related to the Fresno ABM. The tasks include but are not limited to: model refinement and integration, trouble shooting modeling problems, review of assumptions, creating scripting files, and providing training on significant aspects of the model.

#### ***Task 1 – Model Refinements***

- Assist COG staff develop scripts for analysis such as EJ, air quality conformity, etc.
- Continue to improve the ABM as needed
- Assist COG staff with developing ABM codes that produces inputs for COG's ITHIM model

#### ***Task 2 – Trouble shooting modeling problems***

- Trouble shoot major and minor problems related to the model or model related data

#### ***Task 3 – Provide training for COG staff***

- Provide training for COG staff as needed

#### **Task 4 – Update and maintain the ABM software**

- RSG will ensure the current published version of Daysim continues to run to completion with FresnoCOG Daysim inputs and produces reasonable outputs
- RSG shall provide FresnoCOG with any updates or upgrades to Daysim or to documentation

Consultant will provide all textual work products using MSWORD software. All data and reports may be shown on the COG web site at the discretion of COG staff.

## BILLING RATES

<b>Name</b>	<b>Classification</b>	<b>Hourly Rate</b>
Joel Freedman	Director	\$275.44
Nagendra Dhakar	Consultant	\$129.58
Ben Stabler	Software Director	\$204.36
Mark Bradley	Senior Director	\$316.90
Albab Noor	Analyst II	\$99.21