

# EXHIBIT A

## SCOPE OF WORK

### Fresno On-Call Environmental Justice Modeling Support

October 2017

#### SCOPE OF WORK

Fresno COG is in the process of preparing an Environmental Justice (EJ) Analysis report as part of the 2018 RTP/SCS development process. In addition, Fresno COG is obligated to meet the requirement of Title VI for all the planning activities conducted by Fresno COG. The consultant will assist Fresno Council of Government staff with modeling issues related to the EJ and Title VI compliance. The tasks include but are not limited to: creating script files, trouble shooting modeling problems, review of modeling assumptions, model refinements, and providing training on significant aspects of the model.

#### **Task 1 – Identify EJ related area of interest**

- Assist COG staff identify EJ related area of interest as defined by the EJ Task Force and extract data from the model for EJ areas

#### **Task 2 – Create script files:**

- Assist COG staff develop and revise scripts for EJ and Title VI analysis

#### **Task 3 – Trouble shooting modeling problems:**

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

#### **Task 4 – Model Refinements:**

- Identify calibration and validation issues of MIP2 model, and recommend solutions to improve the validation results

#### **Tasks 5 – Provide training for COG staff:**

- Provide training for COG staff as needed.

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

Name	Classification	Hourly Rate
Lawrence Liao	Director	\$71.82
Jing Li	Transportation Planner	\$44.47

Overhead 86.16%  
Fringe 34.99%  
Total Overhead & Fringe: 121.15%

Fee 10.00%