

EXHIBIT A

SCOPE OF WORK

Fresno ABM On-call Modeling Support

May 2024

SCOPE OF WORK

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

Task 1 – 2026 RTP/SCS modeling assistance

- Provide support for any modeling issues related to the development of the 2026 RTP/SCS, including but not limited to developing future year external trip tables, addressing COVID effects between 2020-24 in the model, EJ modeling support, performance indicator calculation, etc.

Task 2 - Model refinements/improvements

- Continue to refine the newly added enhancements like managed lanes, truck restrictions, telecommuting, TNC, along with improving the regional as well as the individual transit lines boarding issues.

Task 3 – Sensitivity tests

- Provide assistance to Fresno COG in continuing new sensitivity tests and resolve any technical issues within the model.

Task 4 - Trouble shooting modeling problems

- Trouble shoot major and minor problems related to the model or model related data during the development of 2026 SCS technical methodology and scenarios modeling.

Task 5 – Estimation of long-term induced travel impacts

- Explore methods that can analyze the long-term induced travel of road expansion thoroughly in the SCSs, using integrated land use and travel demand models.

Task 6 – Assist the SB 743 Implementation Guidelines Update

- RSG will work with COG and LSA on as needed basis, to help update the SB 743 resources, involving the ABM.
- RSG will assist in developing the scripts related to the calculation of the internal and external trips and VMT.

Billing Rates

Name	Classification	Hourly rate
Joel Freedman	Senior Advisor	\$392.88
Nagendra Dhakar	Advisor	\$219.72
Hannah Carson	Project Manager	\$198.51
Rohan Sirupa	Analyst	\$147.05