

# Metropolitan Transportation Commission Administration Committee

January 13, 2021

Agenda Item 2b - 21-0027

## Contract Amendment – Travel Model Development: Resource Systems, Group, Inc. (\$200,000)

**Subject:** A request for committee approval of a contract amendment with Resource Systems Group, Inc. (RSG) in an amount not to exceed \$200,000, to continue to develop and improve MTC's Travel Model Two (TM2) travel forecasting system. Funding for the proposed amendment would be provided by a cost reimbursement agreement with BART.

**Background:** The TM2 forecasting system is used for a wide variety of requirements ranging from preparation of the Regional Transportation Plan and Sustainable Communities Strategy to detailed corridor studies. The travel models are an integral part of an integrated economic, land use and transport model system, including the use of REMI and Bay Area UrbanSim.

In 2016, following a competitive procurement process, MTC retained RSG to develop and improve MTC's travel demand modeling tools, for a period of performance through June 30, 2018, with the option to extend the contract for up to three additional years. This contract has been amended several times, most recently to extend the term of the contract through June 30, 2021.


In proposed contract amendment, TM2 will be enhanced to explicitly consider transit capacity, crowding, and reliability. It will also be expanded to consider station choice and station capacity restraint. These two capabilities are important extensions to TM2, and are critically important to BART's use of TM2 for the New Transbay Rail Crossing Study (now known as Link21). Given the importance of these two new model features to BART and the Link21 study, the BART board approved (at its November 19, 2020 meeting), a cost reimbursement agreement with MTC in the amount of \$200,000.

The completion of TM2 is anticipated in September of 2021. Neither RSG, nor its subcontractors, are small businesses or disadvantaged business enterprises.

**Issues:** None

**Recommendation:** Staff recommends that the Committee authorize the Executive Director or designee to enter into a contract amendment with Resource Systems Group, Inc. in the amount of \$200,000.

**Attachments:** Request for Committee Approval – Summary of Proposed Contract Amendment

  
Therese W. McMillan

## REQUEST FOR COMMITTEE APPROVAL

### Summary of Proposed Contract

Work Item No.: 1122

Consultant: Resource Systems Group, Inc.  
San Diego, CA

Work Project Title: Travel Demand Model Development (TM2)

Purpose of Project: Expand and enhance the transit modeling capabilities in TM2.

Brief Scope of Work: Individual tasks include the design and implementation of transit capacity, crowding, and reliability as well as station choice and station capacity restraint.

Project Cost Not to Exceed: \$200,000 (this amendment)  
Total authorized contract before this amendment \$905,000.  
Total authorized contract after this amendment: \$1,105,000

Funding Source: BART cost reimbursement agreement (\$200,000)

Fiscal Impact: None.

Motion by Committee: That the Executive Director or designee is authorized to negotiate and enter into a contract amendment with RSG, Inc. for the Travel Model Development Project as described above and in the Administration Committee Summary Sheet dated January 13, 2021.

Administration Committee:

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Federal D. Glover, Chair

Approved: January 13, 2021