

**Metropolitan Transportation Commission
Operations Committee**

July 12, 2019

Agenda Item 4c

**Contract Amendment – Regional Bus-on-Shoulder Assessment and Implementation Plan:
Kittelson & Associates, Inc. (\$330,000)**

Subject: Contract Amendment – Regional Bus-on-Shoulder Assessment and Implementation Plan: Kittelson & Associates, Inc. (\$330,000)

Background: In order to address growing congestion on the Bay Area’s regional highway network, MTC recognizes the need to implement near-term transportation solutions that focus on increasing person throughput via alternative modes of transportation, such as bus transit. One of the major challenges to encouraging mode shift, however, is the lack of travel time reliability for transit routes that operate on congested freeway corridors. Bus-on-Shoulder (BOS) operations offer a cost-effective strategy that can help improve transit travel times, on-time performance, and service reliability by reducing the impact of recurring and non-recurring congestion on transit operations.

Staff proposes to pursue the region’s first BOS assessment to determine which regional highways are most suited for BOS operations and to identify opportunities for near-term implementation. More specifically, the assessment will identify potential highways and/or major arterial corridors for BOS operations, develop high-level operating parameters, assess safety impacts, prioritize potential locations, conduct additional traffic and geometric analyses, and develop an implementation plan. Staff will also coordinate with our partner agencies as part of the assessment.

On April 29, 2019, MTC issued a Request for Proposal (RFP) to pre-qualified firms from the On-Call Transportation Engineering and Planning Services Bench under Service Category A: Freeway Active Traffic Management and Service Category B: Travel Demand Management. MTC received proposals from two firms: Kimley-Horn and Associates, Inc. and Kittelson & Associates, Inc. A panel of MTC staff reviewed the proposals and evaluated them based on each firm’s qualifications, understanding of the project, proposed work plan to complete the work, and written communication, in descending order of importance. Based upon this evaluation, staff recommends the selection of Kittelson & Associates, Inc. The Kittelson & Associates team demonstrated superior understanding of the project and provided a detailed work plan to complete the project. The team is also better qualified with both local and national experts in bus-on-shoulder planning and operations, and have completed similar and relevant studies recently.

The table below provides the final ranking based upon panel evaluations:

Consultant	Ranking
1) Kittelson & Associates, Inc.	1
2) Kimley-Horn and Associates, Inc.	2

Attachment A includes a summary of Kittelson & Associates, Inc. and its subcontractors' small business and disadvantaged business enterprise status.

Issues: None identified.

Recommendation: Staff recommends that the Operations Committee authorize the Executive Director or designee to negotiate and enter into a contract amendment with Kittelson & Associates, Inc. in an amount not to exceed \$330,000 for the above-described work.

Attachments: Attachment A: Kittelson & Associates, Inc. Team DBE and SBE Status



Andrew B. Fremier

Prime Contractor

Subcontractors

Firm Name	Role on Project	DBE* Firm			SBE** Firm		
		Yes	If Yes, List #	No	Yes	If Yes, List #	No
Kittelson & Associates, Inc.	Project management, traffic analysis, bus-on-shoulder operations and safety assessment			X			X
CDM Smith	Technical lead for bus-on-shoulder design, transit operations, stakeholder outreach			X			X
Diablo Engineering	Geometrics and cost estimates	X	42626				
CHS Consulting Group	Caltrans coordination and graphics	X	32117				
Wiltec	Traffic counts	X	8440				

*Denotes certification by the California Unified Certification Program (CUCP).

**Denotes certification by the State of California.

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contract Amendment

Work Item No.:	1237
Consultant:	Kittelson & Associates, Inc. Oakland, CA
Work Project Title:	Regional Bus-On-Shoulder Assessment and Implementation Plan
Purpose of Project:	Technical assistance for regional bus-on-shoulder assessment and implementation plan.
Brief Scope of Work:	Conduct a bus-on-shoulder assessment to identify potential highways and/or major arterial corridors for bus-on-shoulder operations, develop high-level operating parameters, assess operational safety impacts, prioritize potential locations, conduct additional traffic and geometric analyses, and develop a plan for near-term implementation.
Project Cost Not to Exceed:	\$330,000
Funding Source:	STP/CMAQ
Fiscal Impact:	Funding is included in the FY 2019-20 MTC Budget
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into a contract with Kittelson & Associates, Inc. to provide technical assistance for regional bus-on-shoulder assessment and implementation plan as described above and in the Operations Committee Summary Sheet dated July 12, 2019 and that the Chief Financial Officer is authorized to set aside funds in an amount not to exceed \$330,000 for such contract amendment.
Operations Committee:	<hr/> Dave Cortese, Chair
Approved:	Date: July 12, 2019