

Metropolitan Transportation Commission Operations Committee

January 10, 2020

Agenda Item 4c

Project Awards and Contract Amendments – Program for Arterial System Synchronization (PASS) Fiscal Year 2019-20: Contract Amendments: i. Iteris Inc. (\$292,900); ii. Kimley-Horn and Associates, Inc. (\$304,300); and iii. TJKM Transportation Consultants (\$234,600)

Subject: Project Awards – Program for Arterial System Synchronization (PASS) Fiscal Year 2019-20 Cycle of Projects; and Contract Amendments.

Background: The region's arterials carry heavy traffic and experience significant congestion during peak and non-peak periods. For approximately 25 years, MTC has been administering the PASS or similar service to provide technical assistance to Bay Area agencies to re-time traffic signals in order to improve traffic operations.

PASS FY 2019-20 Cycle of Projects

On September 10, 2019, MTC issued PASS guidelines and subsequently received nine applications from local agencies that nominated one or more arterial corridors for signal timing technical assistance. Applications were received from jurisdictions in Alameda, Contra Costa, San Mateo and Santa Clara Counties. Staff evaluated each application against the following project evaluation criteria: 1) ability to meet PASS goals – improve travel time and travel time reliability, improve air quality, and improve safety for motorists, transit riders, pedestrians, and bicyclists; 2) project readiness; and 3) project management capacity.

Based on the evaluation, staff recommends approval of nine (9) applications covering 24 qualifying arterial corridors for the FY 2019-20 cycle, as identified in Attachment A.

Contract Amendments - PASS Technical Consultant Services:

On August 23, 2019, MTC released a mini-Request for Qualifications (RFQ) to select consultants to provide technical assistance for the PASS FY 2019-20 Cycle. The mini-RFQ invited firms that were pre-qualified on the On-Call Transportation Planning and Engineering Services Bench under Service Category E: Arterial Operations, which was approved on June 10, 2016. Statements of Qualifications (SOQs) in response to the mini-RFQ were received from the following six consulting firms:

- DKS Associates
- HDR, Inc.
- Iteris, Inc.
- Kimley-Horn and Associates, Inc.
- Stantec Consult Ltd.
- TJKM Transportation Consultants

A review panel consisting of MTC staff evaluated the SOQs based on the qualifications of the firm's project manager and key staff, depth of resources and qualified staff, experience with Bay Area agencies, and specialized expertise in relevant topics. The panel recommended the following three firms: 1) Iteris, Inc., 2) Kimley-Horn and Associates, Inc., and 3) TJKM Transportation Consultants. Among the six firms that submitted SOQs, these three firms scored the highest in terms of qualifications among key staff, a depth of available resources within their project teams in relation to the services required, and amount of local experience.

Attachment B includes a summary of the contractors and their project teams' small business and disadvantaged business enterprise status.

Issues: None identified.

Recommendation: Staff recommends that this Committee approve the PASS FY 2019-20 Cycle of Projects listed in Attachment A. Staff also recommends that this Committee authorize the Executive Director or designee to negotiate and enter into contract amendments with the following consultants to provide technical assistance for the PASS projects through January 31, 2021: Iteris, Inc. (\$292,900); Kimley-Horn and Associates, Inc. (\$304,300); and TJKM Transportation Consultants (\$234,600).

Attachments: Attachment A: PASS Project Awards
Attachment B: Selected Firms and their project teams' DBE and SBE status


Therese W. McMillan

Project and Consultant Recommendations for Program for Arterial System Synchronization (PASS): FY 2019/20 Cycle of Projects

#	County	Project Sponsor	Project Corridor(s) (# of signals)	# of Signals	Program Dollars by Project					Consultant
					Source		Expenditure		Total Budget	
					MTC PASS Grant	Local Match	Consultant Services	Hardware		
1	Contra Costa	City of Antioch	Lone Tree Way (30)	30	\$63,760	\$11,540	\$74,600	\$700	\$75,300	TJKM
2	Contra Costa	City of Concord	Ygnacio Valley Rd. (7), Port Chicago Highway (16), East St. (10)	33	\$74,513	\$16,687	\$89,100	\$2,100	\$91,200	TJKM
3	San Mateo	City of Daly City	John Daly Blvd. (8), Junipero Serra Blvd. 3), Serramonte Blvd. (5), Gellert Blvd. (1), Hickey Blvd. (4)	21	\$84,728	\$17,972	\$102,700	\$0	\$102,700	Kimley-Horn
4	Alameda	City of Fremont	Fremont Blvd. (8), Mowry Ave. (7), Stevenson Blvd. (7)	22	\$129,940	\$30,660	\$160,600	\$0	\$160,600	Iteris
5	Alameda	City of Livermore	Vasco Rd. (11), Railroad Ave. - Stanley Blvd. (12), First St. (9), Portola Ave. (3), Livermore Ave. (7)	42	\$95,350	\$18,250	\$113,600	\$0	\$113,600	Kimley-Horn
6	Santa Clara	City of Mountain View	Grand Rd. (8), Middlefield Rd. (14)	22	\$49,905	\$16,095	\$50,600	\$15,400	\$66,000	TJKM
7	Contra Costa	City of Pittsburg	East Leland Rd. (7)	7	\$16,748	\$3,552	\$20,300	\$0	\$20,300	TJKM
8	Santa Clara	City of Santa Clara	El Camino Real (18), Stevens Creek Blvd. (7)	25	\$112,455	\$19,845	\$132,300	\$0	\$132,300	Iteris
9	Contra Costa	City of Walnut Creek	Treat Blvd/Geary Blvd. (10), Oak Rd/N Civic Dr. (6), Oak Grove Rd. (4)	20	\$73,855	\$14,145	\$88,000	\$0	\$88,000	Kimley-Horn
Total				222	\$701,254	\$148,746	\$831,800	\$18,200	\$850,000	
Contingency (~10%)					\$71,000	n/a	n/a	n/a	\$71,000	
Total CY2020 PASS Program					\$772,254	\$148,746	\$831,800	\$18,200	\$921,000	

Small Business and Disadvantaged Business Enterprise Status

#	Firm	Role on Project	DBE* Firm			SBE** Firm		
			Yes	If Yes, List #	No	Yes	If Yes, List #	No
1	<i>Iteris, Inc. (Prime Contractor)</i>	<i>Analyze and execute signal retiming</i>			X			X
	<i>Traffic Research & Analysis, Inc. (Subcontractor)</i>	<i>Traffic counts, "before" and "after" travel time studies</i>	X	8197				X
	<i>Wiltec (Subcontractor)</i>	<i>Traffic counts, "before" and "after" travel time studies</i>	X	8440				X
2	<i>Kimley-Horn and Associates, Inc. (Prime Contractor)</i>	<i>Analyze and execute signal retiming</i>			X			X
	<i>Wiltec (Subcontractor)</i>	<i>Traffic Counts</i>	X	8440				X
	<i>Traffic Research & Analysis, Inc. (Subcontractor)</i>	<i>Traffic Counts</i>	X	8197				X
3	<i>TJKM Transportation Consultants (Prime Contractor)</i>	<i>Analyze and execute signal retiming</i>	X	40772				X

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

**Denotes certification by the State of California.

REQUEST FOR COMMITTEE APPROVAL

Summary of Program of Projects

Work Item No.:	1234
Project Title:	Program for Arterial System Synchronization (PASS) FY 2019-20 Cycle of Projects
Cycle of Projects:	See Attachment A to the Operations Committee Summary Sheet dated January 10, 2020
Program Description:	A program that improves arterial operations by providing technical assistance to Bay Area agencies to re-time traffic signals to improve signal coordination.
Funds for Projects:	PASS FY 2019-20 = \$921,000 (Attachment A)
Funding Source:	STP = \$772,254 Local Match = \$148,746
Fiscal Impact:	Funding is included in the FY 2019-20 MTC Budget.
Motion by Committee:	That the projects listed in Attachment A in the Operations Committee Summary Sheet dated January 10, 2020 for the FY 2019-20 PASS Cycle of Projects are approved.
Operations Committee:	
	<hr/> Dave Cortese, Chair
Approved:	Date: January 10, 2020

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contract Amendments

Work Item No.:	1234
Consultant:	1) Iteris, Inc., Oakland, CA 2) Kimley-Horn and Associates, Inc., Pleasanton, CA 3) TJKM Transportation Consultants, Pleasanton, CA
Work Project Title:	Program for Arterial System Synchronization (PASS) FY 2019-20 Technical Consultant Services
Purpose of Project:	To provide traffic engineering assistance to Bay Area jurisdictions for re-timing and synchronizing their traffic signals.
Brief Scope of Work:	Analyze existing conditions, including data collection and development of computer models; develop new signal timing plans; implement and fine-tune timing plans; and conduct performance evaluations.
Project Cost Not to Exceed:	<u>Iteris, Inc.:</u> (\$292,900) (this amendment); \$1,691,571 (total authorized contract after this amendment). <u>Kimley-Horn and Associates, Inc.:</u> (\$304,300) (this amendment); \$3,968,500 (total authorized contract after this amendment). <u>TJKM Transportation Consultants:</u> (\$234,600) (this amendment); \$1,043,110 (total authorized contract after this amendment).
Funding Source:	STP: \$692,154 Local agency matching funds: \$139,646
Fiscal Impact:	Funding is included in the FY 2019-20 MTC Budget
Motion by Committee:	That the Executive Director designee is authorized to negotiate and enter into contract amendments with the listed firms for a one-year period ending January 31, 2021 for the purposes described above and in the Operations Committee Summary Sheet dated January 10, 2020 and that the Chief Financial Officer is authorized to set aside funds for such contract amendments in the amounts set forth above.
Operations Committee:	<hr/> Dave Cortese, Chair
Approved:	January 10, 2020