

Metropolitan Transportation Commission Operations Committee

June 11, 2021

Agenda Item 4g

Project Awards and Contracts– Program for Arterial System Synchronization (PASS)

Fiscal Year 2021-22: Contracts:

- i. Kimley-Horn and Associates, Inc. (\$298,500); and
- ii. DKS Associates (\$183,000)

Subject:	Project Awards and New Contracts for Program for Arterial System Synchronization (PASS) Fiscal Year 2021-22 Cycle of Projects.
Background:	<p>The region’s arterials carry heavy traffic and experience significant congestion during peak and non-peak periods. For 28 years, MTC has been administering the PASS or similar service to provide technical assistance to Bay Area agencies, cities and counties to re-time traffic signals to improve traffic operations.</p> <p>i. PASS FY 2021-22 Cycle of Projects</p> <p>On March 3, 2021, MTC issued a PASS Call for Projects and subsequently received six (6) 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 Marin 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.</p> <p>Based on the evaluation, staff recommends approval of six (6) applications covering eleven (11) qualifying arterial corridors for the FY 2021-22 cycle, as identified in Attachment A.</p> <p>ii. Contracts – PASS Technical Consultant Services:</p> <p>In March 2021, staff reviewed Statements of Qualifications (SOQs) submitted for the 2016 On-Call Transportation Planning and Engineering Services bench, Service Category E: Arterial Operations. Of the 10 pre-qualified firms, four (4) have consistently been selected on the basis of superior qualifications and experience with signal timing projects. These firms are: DKS Associates, Iteris, Inc., Kimley-Horn and Associates, Inc., and TJKM Transportation Consultants. However, due to the low number of PASS projects for this FY2021-22 cycle, staff recommends assigning the six projects to Kimley-Horn and Associates, Inc. and DKS Associates through a direct selection process. These two firms were selected based on prior experience working with the recommended grantee agencies and other factors, including project size.</p> <p>Attachment B includes a summary of the consultants and their project teams’ small business and disadvantaged business enterprise status.</p>
Issues:	None identified.

Recommendation: Staff recommends that this Committee approve the PASS FY 2021-22 Cycle of Projects listed in Attachment A. Staff also recommends that this Committee authorize the Executive Director or designee to negotiate and enter into contracts with the following consultants to provide technical assistance for the PASS projects through June 30, 2022: Kimley-Horn and Associates, Inc. (\$298,500); and DKS Associates (\$183,000).

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 2021-22 Cycle of Projects										
#	County	Project Sponsor	Project Corridor(s) (# of signals)	# of Signals	Program Dollars by Project					Consultant
					Source		Expenditure			
					MTC PASS Grant	Local Match	Consultant Services	Hardware	Total Budget	Consultant
1	Alameda	Alameda County	East 14 th St/Mission	11	\$28,050	\$4,950	\$33,000	\$0	\$33,000	DKS
2	Contra Costa	City of Clayton	Clayton Rd	9	\$23,648	\$7,852	\$24,300	\$7,200	\$31,500	Kimley-Horn
3	Alameda	City of Fremont	Thornton Ave (6) Mowry Ave (5) Blacow Rd. (5) Central Ave (4) Osgood Rd/Warm Springs Blvd. (16)	36	\$235,870	\$43,930	\$274,200	\$5,600	\$279,800	Kimley-Horn
4	Marin	Marin County	Sir Francis Drake Boulevard	11	\$54,450	\$11,550	\$66,000	\$0	\$66,000	DKS
5	San Mateo	City of Millbrae	El Camino Real (12) Millbrae Ave (6)	18	\$48,000	\$8,400	\$54,000	\$2,400	\$56,400	DKS
6	San Mateo	City of San Mateo	19 th Avenue-Fashion Island Blvd./ Concar Drive / Delaware Street	10	\$30,250	\$7,750	\$30,000	\$8,000	\$38,000	DKS
Total				95	\$420,268	\$84,432	\$481,500	\$23,200	\$504,700	
<i>Contingency (~10%)</i>					<i>\$42,000</i>	<i>n/a</i>	<i>n/a</i>	<i>n/a</i>	<i>\$42,000</i>	
Total FY2021-22 PASS Program					\$462,268	\$84,432	\$481,500	\$23,200	\$546,700	

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	Kimley-Horn and Associates, Inc. (Prime Contractor)	Analyze and execute signal retiming			X			X
	Wiltec (Subcontractor)	Traffic Counts	X	8440				X
	Traffic Research & Analysis, Inc. (Subcontractor)	Traffic Counts	X	8197				X
2	DKS Associates (Prime Contractor)	Analyze and execute signal retiming			X			X
	W&S Solutions (Subcontractor)	Traffic Counts	X	38506				X
	IDAX Data Solutions (Subcontractor)	Traffic Counts			X			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 2021-22 Cycle of Projects
Cycle of Projects:	See Attachment A to the Operations Committee Summary Sheet dated June 11, 2021
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 2021-22 = \$546,700 (Attachment A)
Funding Source:	STP = \$462,268 Local Match = \$84,432
Fiscal Impact:	Funding is included in the FY 2021-22 MTC Budget.
Motion by Committee:	That the projects listed in Attachment A in the Operations Committee Summary Sheet dated June 11, 2021 for the FY 2021-22 PASS Cycle of Projects are approved.
Operations Committee:	
	<hr/> Carol Dutra-Vernaci, Chair
Approved:	Date: June 11, 2021

REQUEST FOR COMMITTEE APPROVAL

Summary of Proposed Contracts

Work Item No.:	1234
Consultant:	1) Kimley-Horn and Associates, Inc., Pleasanton, CA 2) DKS Associates, Oakland, CA
Work Project Title:	Program for Arterial System Synchronization (PASS) FY 2021-22 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:	Kimley-Horn and Associates, Inc: (\$298,500) DKS Associates: (\$183,000)
Funding Source:	STP: \$408,668 Local agency matching funds: \$72,832
Fiscal Impact:	Funding is included in the FY 2021-22 MTC Budget
Motion by Committee:	That the Executive Director or designee is authorized to negotiate and enter into contracts with the listed firms for a one-year period ending June 30, 2022 for the purposes described above and in the Operations Committee Summary Sheet dated June 11, 2021 and that the Chief Financial Officer is authorized to set aside funds for such contracts in the amounts set forth above.
Operations Committee:	<hr/> Carol Dutra-Vernaci, Chair
Approved:	June 11, 2021