



# Metropolitan Transportation Commission

Bay Area Metro Center  
375 Beale Street  
San Francisco, CA 94105

## Meeting Agenda

### Operations Committee

#### *Committee Members:*

*Dave Cortese, Chair    Julie Pierce, Vice Chair*

*Alicia Aguirre, Damon Connolly, Anne Halsted,  
Sam Liccardo, Jim Sperling*

*Non-Voting Members: Tom Azumbrado, Dorene M. Giacomini*

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Friday, July 14, 2017

9:35 AM

Board Room - 1st Floor

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This meeting is scheduled to be webcast live on the Metropolitan Transportation Commission's Website: <http://mtc.ca.gov/whats-happening/meetings> and will take place at 9:35 a.m. or immediately following the 9:30 a.m. Joint MTC Planning Committee with the ABAG Administrative Committee Meeting.

#### 1. Roll Call / Confirm Quorum

*Quorum: A quorum of this committee shall be a majority of its regular non-ex-officio voting members (4).*

#### 2. Consent Calendar

- 2a. [17-2674](#) Minutes of June 9, 2017 Meeting

**Action:** Committee Approval

**Attachments:** [2a Minutes June 2017.pdf](#)

- 2b. [17-2675](#) Arterial Operations Program:
- i. Program for Arterial System Synchronization (PASS) FY 2017-18 Cycle of Projects
  - ii. Contracts - PASS Technical Consultant Services: DKS Associates (\$280,700); Iteris, Inc. (\$280,800); Kimley-Horn and Associates, Inc. (\$237,400); and TJKM Transportation Consultants (\$309,100)

**Action:** Committee Approval

**Presenter:** Robert Rich

**Attachments:** [2b PASS 2017-18 Projects & Consultant Contracts.pdf](#)

- 2c. [17-2476](#) Contract Amendment- Regional Carpool Program: WSP USA, Inc. (\$570,000)

Action: Committee Approval

Presenter: Emily Van Wagner

Attachments: [2c\\_Carpool Program Amendment\\_WSP USA Inc.pdf](#)

### 3. Approval

- 3a. [17-2683](#) Consultant Panel: Vehicle Occupancy Detection Services: Conduent Inc., Indra Sistemas and TransCore

Consultant bench to provide automated vehicle occupancy detection services.

Action: Committee Approval

Presenter: Robert Rich

Attachments: [3a\\_Vehicle Occupancy Detection Services Consultant Panel.pdf](#)

### 4. Public Comment / Other Business

### 5. Adjournment / Next Meeting

The next meeting of the Operations Committee will be September 8, 2017, 9:35 a.m. at the Bay Area Metro Center, 375 Beale Street, San Francisco, CA.

**Public Comment:** The public is encouraged to comment on agenda items at Committee meetings by completing a request-to-speak card (available from staff) and passing it to the Committee secretary. Public comment may be limited by any of the procedures set forth in Section 3.09 of MTC's Procedures Manual (Resolution No. 1058, Revised) if, in the chair's judgment, it is necessary to maintain the orderly flow of business.

**Meeting Conduct:** If this meeting is willfully interrupted or disrupted by one or more persons rendering orderly conduct of the meeting unfeasible, the Chair may order the removal of individuals who are willfully disrupting the meeting. Such individuals may be arrested. If order cannot be restored by such removal, the members of the Committee may direct that the meeting room be cleared (except for representatives of the press or other news media not participating in the disturbance), and the session may continue.

**Record of Meeting:** Committee meetings are recorded. Copies of recordings are available at a nominal charge, or recordings may be listened to at MTC offices by appointment. Audiocasts are maintained on MTC's Web site ([mtc.ca.gov](http://mtc.ca.gov)) for public review for at least one year.

**Accessibility and Title VI:** MTC provides services/accommodations upon request to persons with disabilities and individuals who are limited-English proficient who wish to address Commission matters. For accommodations or translations assistance, please call 415.778.6757 or 415.778.6769 for TDD/TTY. We require three working days' notice to accommodate your request.

**可及性和法令第六章:** MTC 根據要求向希望來委員會討論有關事宜的殘疾人士及英語有限者提供服務/方便。需要便利設施或翻譯協助者，請致電 415.778.6757 或 415.778.6769 TDD / TTY。我們要求您在三個工作日前告知，以滿足您的要求。

**Acceso y el Titulo VI:** La MTC puede proveer asistencia/facilitar la comunicación a las personas discapacitadas y los individuos con conocimiento limitado del inglés quienes quieran dirigirse a la Comisión. Para solicitar asistencia, por favor llame al número 415.778.6757 o al 415.778.6769 para TDD/TTY. Requerimos que solicite asistencia con tres días hábiles de anticipación para poderle proveer asistencia.

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Attachments are sent to Committee members, key staff and others as appropriate. Copies will be available at the meeting.

All items on the agenda are subject to action and/or change by the Committee. Actions recommended by staff are subject to change by the Committee.

MTC's Chair and Vice-Chair are ex-officio voting members of all standing Committees.



# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

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**File #:** 17-2674      **Version:** 1      **Name:**  
**Type:** Minutes      **Status:** Consent  
**File created:** 6/6/2017      **In control:** Operations Committee  
**On agenda:** 7/14/2017      **Final action:**  
**Title:** Minutes of June 9, 2017 Meeting  
**Sponsors:**  
**Indexes:**  
**Code sections:**  
**Attachments:** [2a Minutes June 2017.pdf](#)

Date	Ver.	Action By	Action	Result
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**Subject:**  
Minutes of June 9, 2017 Meeting

**Recommended Action:**  
Committee Approval

### Attachments



# Metropolitan Transportation Commission

## Meeting Minutes - Draft

### Operations Committee

#### Agenda Item 2a

Bay Area Metro Center  
375 Beale Street  
San Francisco, CA 94105

#### *Committee Members:*

*Dave Cortese, Chair Julie Pierce, Vice Chair*

*Alicia Aguirre, Damon Connolly, Anne Halsted,  
Sam Liccardo, Jim Spering*

*Non-Voting Members: Tom Azumbrado, Dorene M. Giacomini*

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Friday, June 9, 2017

9:35 AM

Board Room - 1st Floor

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#### 1. Roll Call / Confirm Quorum

**Present:** 7 - Vice Chair Pierce, Commissioner Aguirre, Commissioner Connolly, Commissioner Halsted, Commissioner Liccardo, Commissioner Spering and Chair Cortese

Non-Voting Members Present: Commissioner Azumbrado and Commissioner Giacomini

Ex Officio Voting Member Present: Commission Vice Chair Haggerty

Ad Hoc Non-Voting Members Present: Commissioner Josefowitz and Commissioner Worth

#### 2. Consent Calendar

Approval of the Consent Calendar

**Upon the motion by Commissioner Spering and second by Commissioner Halsted, the Consent Calendar was unanimously approved by the following vote:**

**Aye:** 7 - Vice Chair Pierce, Commissioner Aguirre, Commissioner Connolly, Commissioner Halsted, Commissioner Liccardo, Commissioner Spering and Chair Cortese

##### 2a. [17-2574](#) Minutes of May 12, 2017 Meeting

**Action:** Committee Approval

##### 2b. [17-2575](#) Clipper® Program Contract Actions

i. Contract Amendment - Electronic Payments Consultant Assistance Services: Resource Development Associates, Inc. (\$200,000)

ii. Contract Amendment - Clipper® Technical Advisor Contract: CH2M Hill, Inc. (\$800,000)

iii. Contract Change Order - Replacement of Clipper® Handheld Card Readers: Cubic Transportation Systems, Inc. (Correction of Funding Source \$0)

**Action:** Committee Approval

**Presenter:** Lynn Valdivia

### 3. Approval

- 3a. [17-2581](#) Bay Bridge Forward - Flexible On-Demand Transit Pilot:
- i. Cooperative Agreement - Pilot Flexible On-Demand Transit Service: Regents of the University of California (\$750,000)
  - ii. Cooperative Agreement - Commute Management Technology Platform: Kaiser Foundation Hospital (\$250,000)

Cooperative Agreements with Regents of the University of California and Kaiser Foundation Hospitals to Pilot Flexible On-Demand Transit and Commute Management Technology Platform.

**Action:** Committee Approval

**Presenter:** Toshi Shepard-Ohta

Ken Bukowski was called to speak.

**Upon the motion by Commissioner Pierce and second by Commissioner Halsted, Bay Bridge Forward - Flexible On-Demand Transit Pilot: i. Cooperative Agreement - Pilot Flexible On-Demand Transit Service: Regents of the University of California (\$750,000); and ii. Cooperative Agreement - Commute Management Technology Platform: Kaiser Foundation Hospital (\$250,000) were unanimously approved. The motion carried by the following vote:**

**Aye:** 5 - Vice Chair Pierce, Commissioner Connolly, Commissioner Halsted, Commissioner Sperring and Chair Cortese

**Absent:** 2 - Commissioner Aguirre and Commissioner Liccardo

Meeting went into recess during the Bay Bridge Forward - Flexible On-Demand Transit Pilot presentation.

Commissioner Aguirre and Commissioner Liccardo departed before the meeting was reconvened.

Meeting reconvened.

- 3b. [17-2594](#) MTC SAFE Resolution No. 63: FY 2017-18 Operating and Capital Budget

Refer FY 2017-18 SAFE Budget to the SAFE Authority for approval.

**Action:** Refer to SAFE Authority for Approval

**Presenter:** Steve Heminger

**Upon the motion by Vice Chair Pierce and second by Commissioner Halsted, MTC SAFE Resolution No. 63: FY 2017-18 Operating and Capital Budget was adopted to the SAFE Authority for approval. The motion carried by the following vote:**

**Aye:** 5 - Vice Chair Pierce, Commissioner Connolly, Commissioner Halsted, Commissioner Sperring and Chair Cortese

**Absent:** 2 - Commissioner Aguirre and Commissioner Liccardo

#### 4. Information

4a. [17-2569](#) Ford GoBike Launch

Update on the bike share contract with Bay Area Motivate.

Action: Information

Presenter: Committee Chair Dave Cortese

#### 5. Public Comment / Other Business

#### 6. Adjournment / Next Meeting

The next meeting of the Operations Committee will be July 14, 2017, 9:35 a.m. at the Bay Area Metro Center, 375 Beale Street, San Francisco, CA.



# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

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**File #:** 17-2675      **Version:** 1      **Name:**

**Type:** Contract      **Status:** Consent

**File created:** 6/6/2017      **In control:** Operations Committee

**On agenda:** 7/14/2017      **Final action:**

**Title:** Arterial Operations Program:  
i. Program for Arterial System Synchronization (PASS) FY 2017-18 Cycle of Projects  
ii. Contracts - PASS Technical Consultant Services: DKS Associates (\$280,700); Iteris, Inc. (\$280,800); Kimley-Horn and Associates, Inc. (\$237,400); and TJKM Transportation Consultants (\$309,100)

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [2b PASS 2017-18 Projects & Consultant Contracts.pdf](#)

Date	Ver.	Action By	Action	Result
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### Subject:

Arterial Operations Program:

- i. Program for Arterial System Synchronization (PASS) FY 2017-18 Cycle of Projects
- ii. Contracts - PASS Technical Consultant Services: DKS Associates (\$280,700); Iteris, Inc. (\$280,800); Kimley-Horn and Associates, Inc. (\$237,400); and TJKM Transportation Consultants (\$309,100)

### Presenter:

Robert Rich

### Recommended Action:

Committee Approval

### Attachments





METROPOLITAN  
TRANSPORTATION  
COMMISSION

**Agenda Item 2b**  
Bay Area Metro Center  
375 Beale Street  
San Francisco, CA 94105  
TEL 415.778.6700  
WEB [www.mtc.ca.gov](http://www.mtc.ca.gov)

## *Memorandum*

TO: Operations Committee

DATE: July 7, 2017

FR: Executive Director

W.I. 1234

RE: Arterial Operations Program:

- i. Program for Arterial System Synchronization (PASS) FY 2017-18 Cycle of Projects
- ii. Contracts - PASS Technical Consultant Services: DKS Associates (\$280,700); Iteris, Inc. (\$280,800); Kimley-Horn and Associates, Inc. (\$237,400); and TJKM Transportation Consultants (\$309,100)

This memorandum requests Committee approval of the PASS FY 2017-18 Cycle of Projects and contracts with the following firms in the specified amounts: DKS Associates (\$280,700); Iteris, Inc. (\$280,800); Kimley-Horn and Associates, Inc. (\$237,400); and TJKM Transportation Consultants (\$309,100).

### **Background**

The region's arterials carry heavy traffic and experience significant congestion during peak and non-peak periods. For nearly 20 years, MTC has been administering the PASS, which provides technical assistance to Bay Area agencies to re-time traffic signals to improve signal coordination across jurisdictions and provide signal timing priority for transit vehicles. Over the past five years, over 1,600 signals have been successfully re-timed.

### **i) PASS FY 2017-18 Cycle of Projects**

For the FY 2017-18 cycle, MTC continued to set the PASS Call For Projects (CFP) corridor eligibility requirements to focus on arterials that: 1) function as reliever routes to nearby freeways; 2) serve transit lines with high transit ridership; or 3) carry higher levels of average daily traffic (ADT) or peak hour volumes. Due to limited funds available for PASS, the program continued to require local funding match as an eligibility requirement in order to leverage regional discretionary funds with local dollars. The local match constitutes the local agencies' contribution towards the PASS technical consultant services. MTC updated the matching requirements to require some additional cost-sharing from local jurisdictions.

On March 23, 2017, MTC issued PASS guidelines and subsequently received fifteen (15) applications that nominated one or more arterial corridors for signal timing technical assistance. Applications were received from jurisdictions in all counties except Napa, San Francisco, and Solano 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 with 26 qualifying arterial corridors, as identified in Attachment A, for the FY 2017-18 cycle. The total estimated cost to deliver the recommended projects is \$1,093,700, including

\$167,580 covered by local matching funds, which covers consultant and hardware costs, plus a contingency of \$48,180.

**ii) Contracts - PASS Technical Consultant Services:** DKS Associates (\$280,700); Iteris, Inc. (\$280,800); Kimley-Horn and Associates, Inc. (\$237,400); and TJKM Transportation Consultants (\$309,100)

On May 4, 2017, MTC released a mini-Request for Qualifications (RFQ) to select consultants to provide technical assistance for the PASS FY 2017-18 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 five consulting firms:

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

All SOQs met the minimum qualifications and DBE requirements set forth in the mini-RFQ. A review panel consisting of MTC staff evaluated the SOQs based on the firm's expertise and experience, qualifications of the project manager and key staff, and familiarity working with Bay Area agencies. The panel recommended the following four firms: 1) DKS Associates, 2) Iteris, Inc., 3) Kimley-Horn and Associates, Inc., and 4) TJKM Transportation Consultants. These firms demonstrated strong project management skills, considerable experience and expertise in traffic engineering and services, effective written and presentation skills, and a depth of available resources within their project team in relation to the services required for PASS projects. Attachment B includes a summary of the selected firms and their project teams' small business and disadvantaged business enterprise status.

Stantec Consulting Ltd. was not recommended as it was deemed by the review panel to be not as competitive based on the overall firm experience with respect to the services being sought under this procurement, the strength of the project team, and the written or presentation skills.

### **Recommendation**

Staff recommends that this Committee approve the PASS FY 2017-18 Cycle of Projects listed in Attachment A. Staff also recommends that this Committee authorize the Executive Director or his designee to negotiate and enter into contracts with the following consultants in the specified amounts (comprised of the PASS grant and local match) to provide technical assistance for the PASS projects through June 30, 2018, with the option to extend for one additional year: DKS Associates (\$280,700); Iteris, Inc. (\$280,800); Kimley-Horn and Associates, Inc. (\$237,400); and TJKM Transportation Consultants (\$309,100).

  
\_\_\_\_\_  
Steve Heminger

### **Attachments:**

- Attachment A: Program for Arterial System Synchronization (PASS): FY 2017-18 Cycle of Projects
- Attachment B: Selected Firms and Project Teams' Small Business and Disadvantaged Business Enterprise Status

SH: rr

**Program for Arterial System Synchronization (PASS): FY 2017-18 Cycle of Projects**

#	County	Project Sponsor/ Application	Project Corridor (# of signals)	# of Signals	Estimated Program Cost <sup>1</sup>		
					MTC PASS Grant	Local Match <sup>2</sup>	Total
1	San Mateo	Belmont	Ralston Ave. (14)	14	\$57,960	\$6,440	\$64,400
2	Contra Costa	Concord	Concord Ave./Galindo St. (16), Clayton Rd. (21), Monument Blvd. (11), Treat Blvd. (9), Willow Pass Rd. (8)	65	\$152,640	\$16,960	\$169,600
3	Santa Clara	Cupertino	Stevens Creek Blvd. (14)	14	\$72,540	\$8,060	\$80,600
4	Contra Costa	Danville	Sycamore Valley Rd. (8), El Cerro Blvd. (4), San Ramon Valley Rd. (5)	17	\$61,155	\$13,945	\$75,100
5	Alameda	Emeryville	Shellmound Loop/Christie Ave./Powell St. (12), Hollis St. (8), 40 <sup>th</sup> St. (4), San Pablo Ave. (8)	32	\$135,790	\$22,210	\$158,000
6	Sonoma	Rohnert Park	Rohnert Park Expressway (8), Golf Course Dr. (8)	16	\$72,880	\$19,120	\$92,000
7	Santa Clara	San Jose	Brokaw Rd. (14), Meridian Ave. (18), Winchester Rd. (12)	44	\$170,170	\$30,030	\$200,200
8	Marin	San Rafael	2 <sup>nd</sup> /3 <sup>rd</sup> St. (13), 4 <sup>th</sup> St. (13), 5 <sup>th</sup> St. (9), Mission Ave. (4)	39	\$160,565	\$39,535	\$200,100
9	Contra Costa	Walnut Creek	Ygnacio Valley Rd./N Main St./Geary Rd. (20), Treat Blvd. (8), Mt. Diablo Blvd. (9)	37	\$68,120	\$11,280	\$79,400
<b>Total</b>				<b>278</b>	<b>\$951,820</b>	<b>\$167,580</b>	<b>\$1,194,000</b>
				Contingency	\$48,180	\$0	\$48,180
<b>Total FY2017-18 PASS Program</b>					<b>\$1,000,000</b>	<b>\$167,580</b>	<b>\$1,167,580</b>

<sup>1</sup> Includes estimated program costs for signal coordination, additional services, communications equipment, local agency agreements, etc.

<sup>2</sup> A local match requirement is specified in the PASS program guidelines. The level of matching funds is based on whether the project meets some or all of the following factors: arterial 1) functions as a reliever route to nearby freeway(s); 2) serves transit lines with high transit ridership; or 3) carries higher levels of average daily traffic (ADT) or peak hour volumes. The local match constitutes the local agencies' contribution towards the PASS technical consultant services.

**Selected Firms and Project Teams' Small Business and Disadvantaged Business Enterprise Status**

#	Firm	DBE* Firm			SBE** Firm		
		Yes	If Yes, List #	No	Yes	If Yes, List #	No
1	DKS Associates (Prime Contractor)			X			X
	<i>W&amp;S Solutions (Subcontractor)</i>	X	38506				X
	<i>IDAX Data Solutions (Subcontractor)</i>			X			X
2	Iteris, Inc. (Prime Contractor)			X			X
	<i>Traffic Research &amp; Analysis, Inc. (Subcontractor)</i>	X	8197				X
	<i>National Data &amp; Surveying Services (Subcontractor)</i>			X			X
	<i>IDAX Data Solutions (Subcontractor)</i>			X			X
3	Kimley-Horn and Associates, Inc. (Prime Contractor)			X			X
	<i>Wiltec (Subcontractor)</i>	X	8440				X
	<i>Traffic Data Services (Subcontractor)</i>	X	43024				X
	<i>All Traffic Data/NDS (Subcontractor)</i>	X	43024				X
	<i>Quality Counts (Subcontractor)</i>			X			X
	<i>Traffic Research &amp; Analysis, Inc. (Subcontractor)</i>	X	8197				X
4	TJKM Transportation Consultants (Prime Contractor)	X	40772				X
	<i>Baymetrics (Subcontractor)</i>	X	28904				X
	<i>National Data &amp; Surveying Services (Subcontractor)</i>			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 2017-18 Cycle of Projects
Cycle of Projects:	(See Attachment A to the Executive Director's July 7, 2017 Memorandum)
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 2017-18 = \$1,167,580 (Attachment A)
Funding Source:	CMAQ/STP = \$1,000,000 Local Match = 167,580
Fiscal Impact:	Funding is included in the FY 2017-18 MTC Budget.
Motion by Committee:	That the projects listed in Attachment A to the Executive Director's July 7, 2016 Memorandum for the FY 2017-18 PASS Cycle of Projects are approved.
Operations Committee:	
	<hr/> Dave Cortese, Chair
Approved:	Date: July 14, 2017

## REQUEST FOR COMMITTEE APPROVAL

### Summary of Proposed Contracts

Work Item No.:	1234
Contractors:	1) DKS Associates, Oakland, CA 2) Iteris, Inc., Berkeley, CA 3) Kimley-Horn and Associates, Inc., Pleasanton, CA 4) TJKM Transportation Consultants, Pleasanton, CA
Project Title:	Program for Arterial System Synchronization (PASS) FY 2017-18 Technical Consultant Support
Purpose of Project:	To provide traffic engineering assistance to Bay Area jurisdictions for re-timing and synchronizing their traffic signals for the PASS projects in Attachment A to the Executive Director's July 7, 2017 Memorandum.
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:	DKS Associates (\$280,700) Iteris, Inc. (\$280,800) Kimley-Horn and Associates, Inc. (\$237,400) TJKM Transportation Consultants (\$309,100)
Funding Source:	CMAQ/STP = \$946,120 Local Match = \$161,880
Fiscal Impact:	Funding is included in the FY 2017-18 MTC budget.
Motion by Committee:	That the Executive Director or his designee is authorized to negotiate and enter into contracts with the listed firms for a one-year period ending June 30, 2018, with the option to extend for one additional year for the purposes described above and in the Executive Director's July 7, 2017 Memorandum, and that the Chief Financial Officer is directed to set aside funds for such contracts in the amounts set forth above.
Operations Committee:	<hr/> Dave Cortese, Chair
Approved:	Date: July 14, 2017



# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

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**File #:** 17-2476      **Version:** 1      **Name:**

**Type:** Contract      **Status:** Consent

**File created:** 4/3/2017      **In control:** Operations Committee

**On agenda:** 7/14/2017      **Final action:**

**Title:** Contract Amendment- Regional Carpool Program: WSP USA, Inc. (\$570,000)

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [2c\\_Carpool Program Amendment\\_WSP USA Inc.pdf](#)

Date	Ver.	Action By	Action	Result
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**Subject:**  
Contract Amendment- Regional Carpool Program: WSP USA, Inc. (\$570,000)

**Presenter:**  
Emily Van Wagner

**Recommended Action:**  
Committee Approval

### Attachments



METROPOLITAN  
TRANSPORTATION  
COMMISSION

**Agenda Item 2c**

Bay Area Metro Center  
375 Beale Street  
San Francisco, CA 94105  
TEL 415.778.6700  
WEB [www.mtc.ca.gov](http://www.mtc.ca.gov)

## *Memorandum*

TO: Operations Committee

DATE: July 7, 2017

FR: Executive Director

W.I. 1222

RE: Contract Amendment – Regional Carpool Program: WSP USA Inc. (\$570,000)

### **Summary**

This memorandum requests Committee approval for a contract amendment with WSP USA Inc. (WSP) to add funds to support the Bay Area Commuter Benefits Program through FY 2019-20 in an amount not to exceed \$570,000, subject to MTC budgets for future fiscal years.

### **Background**

In September 2016, following a competitive procurement process, this Committee approved a contract with WSP | Parsons Brinckerhoff (which has now re-branded itself as WSP, effective May 1, 2017), to operate the regional carpool program. At that time, staff indicated that the Request for Proposals had included an optional task to support the Commuter Benefits Program if extended by the state legislature, and that staff would return to seek Committee approval to provide such services. In late September, 2016, Governor Brown signed into law SB 1128 (Glazer), which, starting January 1, 2017, established permanency for the Bay Area Commuter Benefits Program, which has operated on a pilot basis since March 2014. The program requires employers with 50 or more full-time employees in the Bay Area to offer commuter benefits to their employees.

In its role as the regional carpool program contractor, WSP supports carpoolers during the launch of Bay Area Express Lanes, promotes carpooling and vanpooling along high-priority congested travel corridors, and encourages first/last mile carpool solutions to transit, consistent with the program's annual work plan. Under the proposed amendment, WSP will provide employer outreach and registration process support for the Bay Area Commuter Benefits Program, including: communicating with and supporting employers requiring registration assistance; maintaining and updating the employer registration database (including providing partner agencies with administrative access); working with MTC and the Bay Area Air Quality Management District to update program resource materials; and preparing program statistics and reports.



Attachment A includes a summary of WSP and its subcontractors' small business and disadvantaged business enterprise status.

**Recommendation**

Staff recommends that the Committee authorize the Executive Director or his designated representative to negotiate and enter into a contract amendment with WSP to support the Bay Area Commuter Benefits Program through FY 2019-20 in an amount not to exceed \$570,000, subject to MTC budgets for future fiscal years.



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Steve Heminger

**Attachment:**

- Attachment A: WSP USA Inc. Team Small Business Enterprise and Disadvantaged Business Enterprise Status

SH:evw

J:\COMMITTEE\Operations\2017 Operations Comm Packet\07\_OPS\_July\_2017\2c\_Carpool Program Amendment\_WSP USA Inc.docx

WSP Team  
Small Business Enterprise and  
Disadvantaged Business Enterprise Status

			DBE* Firm			SBE** Firm		
	Firm Name	Role on Project	Yes	If Yes, List #	No	Yes	If Yes, List #	No
Prime Contractor	WSP USA Inc.	Program oversight and delivery			X			X
Subcontractor	Switchpoint Planning	Private sector carpool app partnerships implementation lead	X	39464				X
	Transportation Analytics	Evaluation and reporting	X	36177		X	42967	
	Media Beef	Software operations and maintenance	X	42265				X
	Convey	Graphics and production	X	38411		X	1367600	
	Accel Employment	Commuter benefit program support	X	31992		X	1237760	

\*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.: 1222

Contractor: WSP USA Inc.  
San Francisco, CA

Work Project Title: Regional Carpool Program

Purpose of Project: Support the Bay Area Commuter Benefits Program

Brief Scope of Work: Provide Commuter Benefits Program employer registration assistance; maintain and update the employer database; work with MTC and the Bay Area Air Quality Management District to update program documentation; and develop reports.

Project Cost Not to Exceed: \$570,000 (this amendment)  
Total Contract before this amendment: \$6,224,629  
Total Contract after this amendment: \$6,794,629

Funding Source: CMAQ  
STP  
TFCA

Fiscal Impact: \$185,000 is included in the MTC FY 2017-18 Budget.  
\$190,000 is subject to inclusion in the MTC FY 2018-19 Budget.  
\$195,000 is subject to inclusion in the MTC FY 2019-20 Budget.

Motion by Committee: That the Executive Director or his designee is authorized to negotiate and enter into a contract amendment with WSP USA Inc. for the Regional Carpool Program as described above and in the Executive Director's July 7, 2017 memorandum and the Chief Financial Officer is directed to set aside funds in the amount of \$570,000 for such contract amendment in the yearly amounts provided above, with future fiscal years subject to the approval of such future MTC budgets.

Operations Committee:

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Dave Cortese, Chair

Approved: Date: July 14, 2017



# Metropolitan Transportation Commission

375 Beale Street, Suite 800  
San Francisco, CA 94105

## Legislation Details (With Text)

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**File #:** 17-2683      **Version:** 1      **Name:**  
**Type:** Contract      **Status:** Committee Approval  
**File created:** 6/6/2017      **In control:** Operations Committee  
**On agenda:** 7/14/2017      **Final action:**  
**Title:** Consultant Panel: Vehicle Occupancy Detection Services: Conduent Inc., Indra Sistemas and TransCore

Consultant bench to provide automated vehicle occupancy detection services.

**Sponsors:**

**Indexes:**

**Code sections:**

**Attachments:** [3a\\_Vehicle Occupancy Detection Services Consultant Panel.pdf](#)

Date	Ver.	Action By	Action	Result
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**Subject:**

Consultant Panel: Vehicle Occupancy Detection Services: Conduent Inc., Indra Sistemas and TransCore

Consultant bench to provide automated vehicle occupancy detection services.

**Presenter:**

Robert Rich

**Recommended Action:**

Committee Approval

**Attachments**



METROPOLITAN  
TRANSPORTATION  
COMMISSION

**Agenda Item 3a**  
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## *Memorandum*

TO: Operations Committee

DATE: July 7, 2016

FR: Executive Director

W.I. 6840

RE: Consultant Panel: Vehicle Occupancy Detection Services: Conduent Inc., Indra Sistemas and TransCore

### **Summary**

This memorandum requests approval of a pre-qualified panel of consultants to provide on-call planning, deployment, operations and analytical services related to automated vehicle occupancy detection (VOD) for a three-year period ending June 30, 2020, with an option to extend for an additional five years, in increments to be determined later. The recommended firms are Conduent Inc., Indra Sistemas and TransCore.

### **Background**

At the May 2016 Operations Committee meeting, staff presented study results from the Managed Lanes Implementation Plan suggesting that vehicle occupancy violations in Bay Area High Occupancy Vehicle (HOV) lanes did not, on average, meet the California Department of Transportation (Caltrans) goal of 10%. Of the sites surveyed, the average occupancy violation rate of the HOV lanes was 24%, with the highest violation rate being 39%. At that meeting, several Commissioners expressed interest in learning more about occupancy enforcement solutions for both HOV facilities and the Bay Area Express Lanes network.

At its December 21, 2016 meeting, the Commission approved \$550,000 to deploy vehicle occupancy enforcement pilots, with a portion of this funding to go towards a pilot of VOD technology on the HOV-only Sterling (Bryant) Street on-ramp to eastbound San Francisco-Oakland Bay Bridge. This effort stems from a larger initiative, referred to as Bay Bridge Forward, which would increase HOV enforcement on the bridge and convert the Sterling Street on-ramp to a tolled ramp.

The decision to pilot VOD technology was driven by the results of several pilots of VOD systems in the state. The pilots included a test deployment by Caltrans which suggested that VOD technology could more accurately detect violators than what human roadside observers could detect. Some assessments of VOD technology indicate that it could achieve an accuracy rate between 90% and 95%.

Since VOD technology is still developing and has not undergone rigorous third-party testing, staff opted to issue a Request for Qualifications (RFQ) to create a panel of pre-qualified firms that would allow MTC to potentially test the systems of multiple firms. The resulting selections from the RFQ will permit MTC to assess VOD systems using distinct technical methods, as long as each system uses detection hardware mounted on the roadside to generate images and automatically determine the number of passengers in a vehicle. Each pre-qualified firm on the bench must own or have

authorization to use a VOD system. The RFQ allows the firms to provide a range of different services, including system testing, application development and long-term deployments.

### **Procurement Process**

On March 29, 2017, MTC issued an RFQ for Vehicle Occupancy Detection Services. Invitations to submit Statements of Qualifications (SOQs) were sent to 550 contacts working in the relevant professional fields.

By May 17, 2017, three SOQs were received. Each SOQ was reviewed against the Minimum Qualifications (MQs). All were determined to meet the MQs and were then evaluated by a panel comprised of staff from MTC, the California Department of Transportation (Caltrans) and the San Francisco County Transportation Authority (SFCTA). The panel members had a variety of experiences and ongoing involvement with VOD, tolling and camera systems.

The panel reviewed each SOQ against the evaluation criteria specified in the RFQ, as listed below in descending order of importance.

- |  |        |
|--|--------|
| 1. Experience and Qualifications                 | (35%)  |
| 2. Hourly Rates                                  | (25%)  |
| 3. Quality and Thoroughness of Work Plan and SOQ | (25%)  |
| 4. Demonstrated Accuracy of VOD System           | (15%)  |
|  | (100%) |

The resulting average scores were: 84.9 for Indra Sistemas, 84.1 for Conduent Inc., and 82.5 for TransCore. All firms identified qualified key staff with relevant project experience; described acceptable work plans for generic VOD deployments; and submitted sufficient evidence about prior testing of their VOD systems' accuracy. Based on the evaluation, the panel recommends that all firms be qualified for the bench.

Award of a contract with one of the pre-qualified firms may take place by direct selection or via a mini-procurement, pursuant to MTC's procurement procedures.

### **Recommendation**

Staff recommends that this Committee approve the pre-qualified panel of consultants, comprised of Conduent, Inc., Indra Sistemas and TransCore, to provide on-call planning, deployment, operations and analytical services related to automated vehicle occupancy detection on an as-needed basis, for a period extending through June 30, 2020, with an option to extend, in varying increments, through June 30, 2025. Funding will become available in each fiscal year, subject to approval of MTC annual budgets. Staff will return to the Operations Committee for authorization of any contracts exceeding the Executive Director's signature authority.



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Steve Heminger

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REQUEST FOR COMMITTEE APPROVAL  
Summary of Proposed Consultant Panel

Work Item No.:	6840
Contractors:	Conduent Inc. Florham Park, NJ  Indra Sistemas Alcobendas, Spain  TransCore Nashville, TN
Work Project Title:	Vehicle Occupancy Detection Services
Purpose of Project:	To provide on-call planning, deployment, operations and analytical services related to automated vehicle occupancy detection
Brief Scope of Work:	To provide planning, operational and analytical services related to testing, development and deployment of automated vehicle occupancy detection systems and related systems
Project Cost Not to Exceed:	Individual contracts TBD.
Funding Source:	CMAQ RM2
Fiscal Impact:	No immediate fiscal impact until contracts are awarded. Funds for future fiscal years are subject to agency budgetary approval process.
Motion by Committee:	That the above-referenced consultants be pre-qualified to enter into contracts with MTC to provide on-call vehicle occupancy detection services on an as-needed basis through June 30, 2020, as described above and in the Executive Director's memorandum dated July 7, 2017, with an option to extend, in varying increments, through June 30, 2025, subject to applicable contract approval procedures and necessary budget approvals.
Operations Committee:	<hr/> Dave Cortese, Chair
Approved:	Date: July 14, 2017