



METROPOLITAN
TRANSPORTATION
COMMISSION

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Memorandum

TO: Operations Committee

DATE: June 3, 2016

FR: Executive Director

W.I. 1234, 1237, 6840

RE: Consultant Panel: On-Call Transportation Engineering and Planning Services (Andrew Desautels, Atkins North America, Inc., BayPac Consult Inc., Cambridge Systematics, Inc., CH2M Hill, Inc., Circlepoint, DKS Associates, Dyett Bhatia, Fehr and Peers, Hatch Mott MacDonald, LLC, HDR Engineering, Inc., HNTB Corporation, IBI Group, Iteris, Inc., Jacobs, Kimley-Horn and Associates, Inc., Kittelson & Associates, Inc., Nelson\Nygaard Consulting Associates, Inc., Parsons Transportation Group, Placeworks, RS&H California, Inc., Silicon Transportation Consultants, Stantec Consulting Services Inc., Steer Davies Gleave, TJKM Transportation Consultants, Transportation Mobility Solutions LLC)

This memorandum requests approval of a pre-qualified panel of consultants to provide On-Call Transportation Engineering and Planning Services to support operational initiatives focused on freeway performance, arterial/transit operations, demand management, On-Call Transportation Engineering and Planning Services (Intelligent Transportation Systems), connected vehicles/autonomous vehicle deployment, and other related services for a three-year period ending June 30, 2019, with an option to extend for an additional two-year period. The recommended firms and proposed service categories are listed as Attachment 1.

Procurement Process

On February 24, 2016, MTC issued a Request for Qualifications (RFQ) for On-Call Transportation Engineering and Planning Services. Invitations to submit Statements of Qualifications (SOQ) were sent to 419 firms. Firms submitting SOQs were given the option to submit qualifications for one or more of the Service Categories, depending on their expertise.

1. Freeway Active Traffic Management;
2. Travel Demand Management;
3. Connected Vehicles/Autonomous Vehicles and Advanced Technology;
4. Data Analytics and Performance Assessment;
5. Arterial Operations; and
6. General Planning.

By April 6, 2016, 29 SOQs were received. Each SOQ was reviewed against the Minimum Qualifications (MQs). On April 14, 2016, one of the 29 firms notified MTC's Project Manager of their decision to withdraw their SOQ. The remaining 28 SOQs were determined to meet the MQs and were then evaluated by a panel comprised of MTC staff (the "Panel").

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 of Firms and Proposed Staff | (40%) |
| 2. Written and Oral Communication | (35%) |
| 3. Depth of Staff Resources | (25%) |
| | (100%) |

Each criterion was scored with a total possible score of 100.

Based on the results of the evaluation, the Panel recommended that 26 of the 28 firms be on the bench for their respective Service Categories, as summarized in Attachment 1 to this memorandum. All selected firms demonstrated strong project management skills, identified qualified key staff with relevant project experience, and demonstrated an expertise in one or more of the transportation-related consulting services described in the Service Categories for which they were selected. In addition, the recommended consultant panel provides a great mix of local and national experiences that will be valuable in helping MTC plan and implement the next generation of operational initiatives in the Bay Area.

Two firms are not being recommended for the consultant panel, as their overall experience, as well as their proposed staff's experience, were not sufficient for the services being sought under this procurement. These two firms are:

- C&M Associates, Inc.
- Milligan Partners LLC

Award of a contract with one of the pre-qualified consultants may take place by direct selection or via a mini-procurement, pursuant to MTC's procurement procedures. Attachment 2 includes a summary of the recommended firms and their small business and disadvantaged business enterprise status.

Recommendation

Staff recommends that this Committee approve the pre-qualified panel of consultants identified in Attachment 1 to provide on-call consultant assistance for transportation engineering and planning services to MTC on an as-needed basis, for a period extending through June 30, 2019, with an option on the part of MTC to extend through June 30, 2021. 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.



Steve Heminger

Attachment:

- Attachment 1: On-Call Consultant Assistance for Transportation Engineering and Planning Services - List of Recommended Firms and Service Categories
- Attachment 2: Disadvantaged Business Enterprise and Small Business Enterprise Status

SH: KC

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Attachment 1
On-Call Consultant Assistance for Transportation Engineering and Planning Services

List of Recommended Firms and Service Categories

Firm/Service Category	A - Freeway Active Traffic Management	B - Travel Demand Management	C - Connected/Autonomous Vehicles	D - Data Analytics and Performance Assessment	E - Arterial Operations	F - General Planning
Andrew Desautels		X		X		
Atkins North America, Inc.	X		X			X
BayPac Consult Inc.			X			X
Cambridge Systematics, Inc.	X		X	X		
CH2M Hill, Inc.	X	X	X		X	
Circlepoint						X
DKS Associates	X	X	X	X	X	
Dyett & Bhatia						X
Fehr and Peers	X				X	
Hatch Mott MacDonald, LLC	X	X		X		
HDR Engineering, Inc.		X	X	X	X	X
HNTB Corporation			X			
IBI Group	X	X	X	X		
Iteris, Inc.			X	X	X	
Jacobs			X		X	X
Kimley-Horn and Associates, Inc.	X	X	X		X	X
Kittelsohn & Associates, Inc.	X		X	X		
Nelson\Nygaard Consulting Associates, Inc.		X				X
Parsons Transportation Group	X		X		X	X
Placeworks						X
RS&H California, Inc.	X					
Silicon Transportation Consultants				X		X
Stantec Consulting Services Inc.	X		X		X	
Steer Davies Gleave	X	X		X		
TJKM Transportation Consultants	X	X		X	X	
Transportation Mobility Solutions LLC		X				
Number of Firms Proposed	21	18	19	15	14	13
Number of Firms Selected	14	11	14	11	10	11

Attachment 2
Disadvantaged Business Enterprise and Small Business Enterprise Status

				DBE*			SBE**	
	Firm Name	Role on Project	No	Yes	If Yes, List #	No	Yes	If Yes, List #
Prime Consultant	Andrew Desautels	TBD	x			x		
Prime Consultant	Atkins North America, Inc.	TBD	x			x		
Prime Consultant	BayPac Consult Inc.	TBD		x	42358	x		
Prime Consultant	Cambridge Systematics, Inc.	TBD	x			x		
Prime Consultant	CH2M Hill, Inc.	TBD	x			x		
Prime Consultant	Circlepoint	TBD	x				x	40528
Prime Consultant	DKS Associates	TBD	x			x		
Prime Consultant	Dyett & Bhatia	TBD	x				x	14630
Prime Consultant	Fehr and Peers	TBD	x			x		
Prime Consultant	Hatch Mott MacDonald, LLC	TBD	x			x		
Prime Consultant	HDR Engineering, Inc.	TBD	x			x		
Prime Consultant	HNTB Corporation	TBD	x			x		
Prime Consultant	IBI Group	TBD	x			x		
Prime Consultant	Iteris, Inc.	TBD	x			x		
Prime Consultant	Jacobs	TBD	x			x		
Prime Consultant	Kimley-Horn and Associates, Inc.	TBD	x			x		
Prime Consultant	Kittelson & Associates, Inc.	TBD	x			x		
Prime Consultant	Nelson\Nygaard Consulting Associates, Inc.	TBD	x			x		
Prime Consultant	Parsons Transportation Group	TBD	x			x		
Prime Consultant	Placeworks	TBD	x			x		
Prime Consultant	RS&H California, Inc.	TBD	x			x		
Prime Consultant	Silicon Transportation Consultants	TBD		x	43097		x	1802481
Prime Consultant	Stantec Consulting Services Inc.	TBD	x			x		
Prime Consultant	Steer Davies Gleave	TBD	x			x		
Prime Consultant	TJKM Transportation Consultants	TBD		x	40772		x	38780
Prime Consultant	Transportation Mobility Solutions LLC	TBD		x	42896	x		

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

**Denotes certification by the State of California.

REQUEST FOR COMMITTEE APPROVAL
Summary of Proposed Consultant Panel

Work Item No.:	1234, 1237, 6840
Contractors:	See Attachment 1 to Executive Director's Memorandum, dated June 3, 2016
Work Project Title:	On-Call Transportation Engineering and Planning Services
Purpose of Project:	Provide On-Call Transportation Engineering and Planning Services to support operational initiatives focused on freeway performance, arterial/transit operations, demand management, Intelligent Transportation Systems, connected vehicles/autonomous vehicle deployment, etc.
Brief Scope of Work:	Provide transportation engineering and planning services for freeway active traffic management, travel demand management, connected vehicles/autonomous vehicles and advanced technology, data analytics and performance assessment, arterial operations, and general planning.
Project Cost Not to Exceed:	Individual contracts TBD.
Funding Source:	Varies
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 transportation engineering and planning services on an as-needed basis through June 30, 2019, as described above and in the Executive Director's memorandum dated June 3, 2016, with an option to extend contracts for an additional two years, subject to applicable contract approval procedures and necessary budget approvals.
Operations Committee:	<hr/> Scott Haggerty, Chair
Approved:	Date: June 10, 2016