

PROCUREMENT SUMMARY

FREIGHT ADVANCED TRAVELER INFORMATION
SYSTEM (FRATIS) MODERNIZATION/PS48950000

1.	Contract Number: PS48950000	
2.	Recommended Vendor: Cambridge Systematics, Inc.	
3.	Type of Procurement (check one): <input type="checkbox"/> IFB <input checked="" type="checkbox"/> RFP <input type="checkbox"/> RFP-A&E <input type="checkbox"/> Non-Competitive <input type="checkbox"/> Modification <input type="checkbox"/> Task Order	
4.	Procurement Dates:	
	A. Issued: 12/27/17	
	B. Advertised/Publicized: 12/27/17	
	C. Pre-Proposal Conference: 01/08/18	
	D. Proposals Due: 02/14/18	
	E. Pre-Qualification Completed: 02/21/18	
	F. Conflict of Interest Form Submitted to Ethics: 02/21/18	
	G. Protest Period End Date: 06/22/18	
5.	Solicitations Picked up/Downloaded: 76	Proposals Received: 2
6.	Contract Administrator: Andrew Conriquez	Telephone Number: (213) 922-3528
7.	Project Manager: Edward Alegre	Telephone Number: (213) 418-3287

A. Procurement Background

This Board Action is to approve Contract No. PS48950000 issued in support of the Freight Advanced Traveler Information System (FRATIS) Modernization Project. Board approval of contract awards are subject to resolution of any properly submitted protest.

The Request for Proposal (RFP) was issued in accordance with Metro's Acquisition Policy and the contract type is a firm fixed unit price.

Two amendments were issued during the solicitation phase of this RFP:

- Amendment No. 1, issued on January 25, 2018, updated the Letter of Invitation, Section LOI-01: Notice of Invitation updated the requested number of proposal hard copies and electronic copies at time of submission;
- Amendment No. 2, issued on January 30, 2018, extended the proposal due date to February 14, 2018.

A pre-proposal conference was held on January 8, 2018 and was attended by 24 people representing 16 companies. There were 13 questions submitted and responses were released prior to the proposal due date.

A total of 76 firms downloaded the RFP and were included in the planholders list. On February 14, 2018, two proposals were received in response to the RFP.

B. Evaluation of Proposals

A Proposal Evaluation Team (PET) consisting of staff from Metro Highway Programs was convened and conducted a comprehensive technical evaluation of the proposals received.

The proposals were evaluated based on the following evaluation criteria and weights:

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| • Experience and Qualifications of Firm | 20 percent |
| • Project Manager, Key Staff, Team Experience and Availability | 30 percent |
| • Understanding of the Work and Approach | 40 percent |
| • Cost | 10 percent |

Several factors were considered when developing these weights, giving the greatest importance to Understanding of the Work and Approach.

Both proposals were determined to be within the competitive range and the firms are listed below in alphabetical order:

1. Cambridge Systematics, Inc.
2. ITS Roads

During the week of March 5, 2018, the PET met and interviewed the firms. The firm's project managers and key team members had an opportunity to present each team's qualifications and respond to the evaluation committee's questions. In general, each team's presentation addressed the requirements of the RFP, experience with all aspects of the required tasks, and stressed each firm's commitment to the success of the project. Also, each team highlighted its staffing plans, work plans, and perceived project issues. Each team was asked questions relative to each firm's proposed alternatives and previous experience.

At the conclusion of the evaluation process including oral presentations, Cambridge Systematics Inc. was determined to be the highest qualified firm in support of this project.

Qualifications Summary of Firms within the Competitive Range:

Cambridge Systematics, Inc.

Cambridge Systematics, Inc. is internationally recognized for state-of-the-industry data, models and forecasts for some of the world's most challenging and visible transportation projects.

The Cambridge Systematics, Inc. team has experience in Intelligent Transportation Systems (ITS), connected/automated vehicles (C/AV), freight operations and logistics, and system performance measurement. Also, Cambridge Systematics and its sub-consultants displayed extensive local knowledge and experience of the Los Angeles region.

Cambridge Systematics, Inc. led the Los Angeles Gateway Cities Technology Plan for Goods Movement, a study that explored how emerging technologies could improve the efficiency of goods movement with the areas of the ports. In 2013, Cambridge Systematics led the first FRATIS prototype in the nation for the United States Department of Transportation (USDOT) for the Los Angeles area.

In addition, Cambridge Systematics, Inc. deployed a FRATIS system in South Florida that consisted of an emergency response tool that provided notifications based upon road closures, port conditions, and status of supplies at emergency depots after natural disasters.

ITS Roads

ITS Roads is a privately-held company founded in 2015 that provides engineering, design, consulting, and oversight services for various groups to create innovative solutions, overhaul legacy systems, and extend product lifecycles.

The ITS Roads team has more than two decades of experience innovating and building large-scale freight, tolling, and enforcement systems and has unique expertise from nearly a decade of work with USDOT crafting federal Connected and Automated Vehicle (C/AV) policies and technical guidance.

The ITS Roads team demonstrated experience in areas of ITS, connected/automated vehicles, freight operations and logistics, and systems engineering. The ITS Roads team has some local experience in the Los Angeles region through its sub-consultants. ITS Roads has not managed a contract of a similar size to the FRATIS Modernization Project.

Table below provides the scores in order of rank.

	Firm	Average Score	Factor Weight	Weighted Average Score	Rank
1	Cambridge Systematics Inc.				
2	Experience and Qualifications of Firm	90.83	20.00%	18.17	
3	Project Manager, Key Staff, Team Experience and Availability	86.44	30.00%	25.93	
4	Understanding of Work and Approach	88.83	40.00%	35.53	

5	Cost	100.00	10.00%	10.00	
6	Total		100.00%	89.63	1
7	ITS Roads				
8	Experience and Qualifications of Firm	75.50	20.00%	15.10	
9	Project Manager, Key Staff, Team Experience and Availability	81.44	30.00%	24.43	
10	Understanding of Work and Approach	81.17	40.00%	32.47	
11	Cost	97.00	10.00%	9.70	
12	Total		100.00%	81.70	2

C. Price Analysis

The recommended price has been determined to be fair and reasonable based upon price analysis, technical analysis, fact finding and negotiations.

	Proposer Name	Proposal Amount	Metro ICE	Award Amount
1.	Cambridge Systematics Inc.	\$5,489,479.96	\$5,526,990	\$5,489,479.96
2.	ITS Roads	\$5,712,951.87	\$5,526,990	N/A

D. Background on Recommended Contractor

The recommended firm, Cambridge Systematics, Inc., located in Medford, MA, has been in business since 1972 and has an office in the Los Angeles area. Cambridge Systematics, Inc. specializes in transportation, development, implementation, planning, analysis and technology applications. Cambridge Systematics' personnel have over 20 years of transportation experience and the firm is recognized nationally and locally for intermodal freight transportation planning, systems engineering, implementation, modeling and analysis expertise. In addition, the project manager has 29 years of experience in transportation projects and led the national development of the system requirements for USDOT FRATIS. The Cambridge Systematics team has extensive experience working with the local stakeholders, and knowledge of the goods movement issues at the ports and freeways/arterials.