

LASAFE

Los Angeles County Service Authority for Freeway Emerg
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**SAFE BOARD
OCTOBER 24, 2013**

SUBJECT: MOTORIST AID TRAVELER INFORMATION SYSTEM (MATIS)

ACTION: APPROVE CONTRACT MODIFICATION AUTHORITY

RECOMMENDATIONS

- A. Authorize the Chief Executive Officer to execute Modification No. 22 to Contract No. 06SAFE035, MATIS with the IBI Group in the amount not to exceed \$163,924, for the integration of Access Services into MATIS; thereby increasing the total Contract Modification Authority (CMA) by \$163,924 from \$3,024,925 to \$3,188,849 and;
- B. Approve increase to the CMA for Contract No. 06SAFE035, MATIS with the IBI Group to fund pending and unforeseen operational and maintenance requirements, continued development, and system improvements; thereby increasing the total CMA by \$1,700,000 from \$3,188,849 to \$4,888,849.

ISSUE

Southern California 511, a component of the MATIS Program, is an operational system that provides real-time traveler information and motorist aid services to approximately 400,000 users per month. The system was initially designed in 2008 and deployed in 2010. Due to unforeseen issues regarding the quality of source data, technological advances, and partner agency awareness, there have been a number of system improvements implemented that has required the use of the original Board approved and delegated CMA. Additional CMA authority is now needed to enable the implementation of additional system improvements and the efficient handling of future unforeseen operational or system improvement opportunities.

DISCUSSION

Background/History

On February 28, 2008, the LA SAFE Board awarded a 6-year, Fixed-Price with two, two-year options, Contract No. 06SAFE035 to IBI Group, Inc. for the development, deployment, operation, and maintenance of MATIS in an amount not-to exceed \$34,000,000, inclusive of the two, two-year options, and a 10% contingency (CMA). The project is currently on schedule and consistent with funding projections.

Southern California 511 was designed and developed in partnership with LA SAFE, Los Angeles County Metropolitan Transportation Authority, Orange County Transportation Authority, Ventura County Transportation Commission, California Highway Patrol and the California Department of Transportation.

The original design and development of Southern California 511 has undergone a number of improvements above and beyond the original scope of work as a result of user feedback, requests from existing partner agencies, and technological changes affecting the reliance and quality of data. The majority of the improvements have been implemented using either the Board authorized CMA or a reallocation of existing contract value, with the sole exception of the March 2010 Board action authorizing the incorporation of Orange County into Southern California 511's automated transit trip planner services.

Access Service Integration

LA SAFE is partnering with Access Services at their request to integrate Access Services into the Southern California 511 system. This will allow Access Services' customers to obtain the following information within Los Angeles County through 511:

- Plan a trip using free-fare transit partners;
- Determine if an address is within Access Services' area of operation; and
- Identify local Dial-A-Ride options within a city.

As part of this partnership, Access Services agreed to provide up to \$163,954 in reimbursable funds to support the development and operation of this enhancement.

Southern California 511 Expansion/Improvements

Since the 2010 deployment of Southern California 511, the regional demand for additional improved services and functionality has increased. Modifications and improvements that have been implemented since the 2010 deployment include:

- Integration of Real-time traffic data from Caltrans District 8 (Inland Empire);
- Expansion and Integration of Orange County Trip Planner;
- Development and Deployment of Traveler Information Center (TIC);
- Integration of Metro's Nextrip - Bus Arrival Information System (BAIS);
- Development of Application Programming Interface (API) in support of a 511 mobile application;
- Integration California Highway Patrol (CHP);
- Integration of Access Services information regarding available accessible and paratransit services in Los Angeles County;
- Integration of Metro Express Lanes;
- Integration of Los Angeles Department of Transportation Express Park;
- Integration of #399 mobile call box/motorist aid services into 511;

As an on-going operation and technology based service, it was anticipated that there would be a continuing need to improve existing services and provide additional features. The improvements to date have resulted in providing better and more reliable information to the public and enabling Southern California 511 to support major events such as:

- Amber Alerts
- Carmageddon I & II
- 405 Bridge Bash
- 60 Summer Slam
- 405 Construction closure updates
- Caltrans reoccurring maintenance closures
- Unanticipated major incidents

To date, these improvements have been primarily supported through the use of the Board approved CMA.

Currently, there are a number of additional improvements pending or under review that will further improve the information and quality of service provided by Southern California 511. However, with the implementation of the aforementioned system expansion, the Board authorized CMA has been exhausted and there is a need to obtain new authority to move forward with additional opportunities that may be presented to improve Southern California 511. Following are improvements either pending or under consideration:

- Expansion of Toll Road and Metro Express Lanes Information;
- Integration of Real-time transit information for Pasadena ARTS, Glendale Bee Line, Torrance Transit, Montebello Bus Lines, Metro Rail, and Long Beach Transit;
- Development and Integration of Freight 511 service;
- Development of automated social media services;
- Integration of Veterans' transportation information;
- Improvements to Data systems;
- Improvements to TIC operations;
- Improvements to Phone system and web-site;

In order to continue to provide services and sustain the system improvements, LA SAFE is seeking approval of the recommendations.

Future Development & Option Funding

As development of the Southern California 511 system grows, LA SAFE has gained a great deal of experience and knowledge. The continuous expansion of the system will, at some point, reach its capacity and limitations. Lessons learned will be incorporated into the next technology system. LA SAFE intends to competitively solicit a Request for Proposals (RFP) on an updated/modified and more sustainable operations and maintenance system. An updated system will utilize current and expandable technologies and will be scalable to accommodate the anticipated rapid growth in partners.

DETERMINATION OF SAFETY IMPACT

A critical role of effectively managing freeway incidents is the prompt and accurate dissemination of information to the public. This action will enable MATIS to improve its operations to provide enhanced and more actionable information to the public thereby reducing congestion and possible safety impacts.

FINANCIAL IMPACT

LA SAFE budgeted \$2,100,000 in the FY 14 budget in cost center 3351, LA SAFE, 300209, Traveler Information Services – Contract Services. The funding request of \$163,924 for the Access Services integration will be reimbursed by our Access Services Partners. This will result in a zero impact to the budget.

Since this is a multi-year contract/project, the cost center manager and Executive Director of Highway Program will be accountable for budgeting the cost in future years, including any options exercised.

Impact to Budget

- A. Source of funds: Access Services improvements are reimbursable capital improvements and operational improvements for Access Services.
- B. Source of funds: The source of funds for this action is dedicated LA SAFE local funds. There is no impact to the bus/rail operating or capital budgets, Proposition A, C or TDA administration budgets or the Measure R administration Budget. These funds are not eligible for use on bus/rail operations or capital expenses.

ALTERNATIVES CONSIDERED

The SAFE Board may elect not to approve the recommendations. This option is not recommended because it will negatively impact expanding efforts with additional partners, new developments, integration efforts, and expandability to current operations and maintenance features, including the ceasing of major event announcements to the public.

Alternatively, The SAFE Board of Directors can choose to only approve Recommendation A for the integration of Access Services into the contract, increasing the CMA by \$163,924.

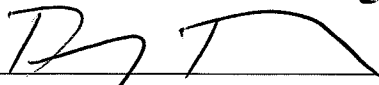
NEXT STEPS

Execute contract modifications.

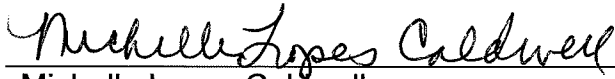
ATTACHMENTS

- A. Procurement Summary
- B. Contract Modification/Change Order Log

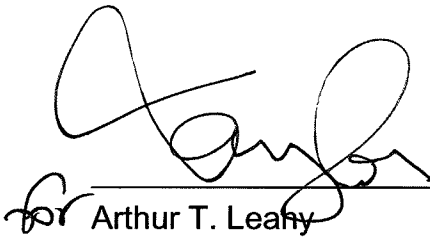
Prepared by: Reinland Jones, Acting Project Manager, (213) 922-2231



Douglas R. Failing, P.E.
Executive Director, Highway Program



Michelle Lopes Caldwell
Chief Administrative Services Officer



for Arthur T. Leahy
Chief Executive Officer

**PROCUREMENT SUMMARY
MOTORIST AID AND TRAVELER INFORMATION SYSTEM**

1.	Contract No.: 06SAFE035		
2.	Contractor: IBI Group, Inc.		
3.	Mod. Work Description: Upgrades to Motorist Aid Traveler and Information System (MATIS)		
4.	Work Description: Development, deployment, operation and maintenance of MATIS		
5.	The following data is current as of :	8/12/13	
6.	Contract Completion Status:		
	Bids Opened	N/A	
	Contract Awarded	3/1/08	
	NTP	3/1/08	
	Orig. Complete Date	2/28/14	
	Current Est. Comp Date	5/15/15	
7.	Financial Status:		
	Contract Award Amount	\$23,912,226	
	Total of Mods/Changes Approved to Date	21	
	Total of Mods/Changes Pending to Date (including this action)	\$2,981,374	
	Current Contract Value (with this action)	\$26,893,600	
	Total Contract Modification Authority (CMA) including this action	\$4,888,849	
8.	Contract Administrator: Victor Zepeda	Telephone Number: (213) 922-1458	
9.	Acting Project Manager: Reinland Jones	Telephone Number: (213) 922-2231	

A. Procurement Background

This Board action is to approve a contract modification in the amount of \$163,824 for the integration of Access Services into MATIS and to increase the Contract Modification Authority for future changes for an amount NTE \$1,700,000. The total CMA increase requested is for \$1,863,924.

This contract action was handled in accordance with the LA SAFE approved acquisition procedures for contract modifications.

On February 28, 2008, the LA SAFE Board awarded a six-year base Contract No. 06SAFE035 to IBI Group, Inc. for the development deployment, operation and maintenance of MATIS for \$23,208,112, with two, two-year options in the amount of \$7,672,584, and a 10% contingency (CMA) for a total contract value not-to exceed \$34,000,000.

Subsequently, on March 25, 2010, the Board approved modification no. 6 which increased the Contract value by \$704,114 and increased the contingency amount by \$704,114 for a cumulative contract value of \$34,704,114

Attachment B shows that 21 modifications have been processed to date. Furthermore, Attachment B includes a list of future potential modifications.

B. Cost/Price Analysis

The recommended price for the Access Services modification was determined to be fair and reasonable based on a price comparison with the independent cost estimate and technical evaluation by the Project Manager.

Future modifications will contain a specific Statement of Work which the contractor will submit a proposal according to the requirements. For each proposal received, a Cost/Price analysis will be performed prior to the modification being executed.

C. Small Business Participation (requested)

IBI Group Inc. made a Small Business Enterprise (SBE) goal commitment of 5.10%. Current SBE participation is 2.91%.

SBE GOAL ESTABLISHED	5.00% SBE	SBE GOAL COMMITMENT	5.10% SBE
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	SBE Subcontractor	% Commitment	Current Participation
1.	InterBase Corporation	5.10%	2.91%
	Total Commitment	5.10%	2.91%

ATTACHMENT B

Contract Modification/Change Order Log

Original Cumulative Base Contract Limit	\$23,912,226
Subtotal –Modifications (Mods 1-21)	\$2,817,450
Subtotal – Pending Changes / Modifications	\$163,924
Total Mods and Pending Changes (including this change)	\$2,981,374
Total Obligation (including this change)	\$26,893,600
Prior CMA Authorized by the Board (including base award and other modifications)	\$3,024,925
Increased CMA for this recommended action	\$1,863,924
Total CMA including this action	\$4,888,849
Unused CMA	\$207,475
Remaining CMA for Future Changes	\$1,907,475

Contract Modifications

Modification	Original Base Contract	2-28-08	\$23,208,112
1.	Revised Contractor Key Personnel	3-1-08	\$0
2.	<ul style="list-style-type: none"> • Revised Pricing Schedule • Extended Phase I - Baseline Start-up Schedule 	3-13-08	\$0
3.	<ul style="list-style-type: none"> • Extended Period of Performance - Base Contract • Extended Period of Performance – Phase I MATIS Development and Deployment • Reallocated level of efforts: Re-scoped Phase I Design and Development and De-scoped Phase II Call Center O&M 	3-6-09	\$0
4.	<ul style="list-style-type: none"> • Revised Statement of Work to add a Point-to-Point Data Link between Caltrans District 8 TMC and the MATIS Hosting Facility • Increased Contract Pricing Schedule 	7-22-09	\$16,159
5.	<ul style="list-style-type: none"> • Extended Period of Performance - Base Contract • Extended Period of Performance – Phase I Project Management • Reallocated level of efforts: Re-scoped Phase I Design and Development and De- 	6-1-09	\$0

	scoped Phase II Call Center O&M		
6.	Expanded the Southern California 511 Interactive Voice Response (IVR) Automated Trip Transit Planner service to include Orange County per March 25, 2010 Board Approval	6-26-09	\$704,114
7.	Revised Contractor Key Personnel	9-8-09	\$0
8.	Revised Statement of Work to include transfer of toll free numbers to LA SAFE at Contract completion	9-14-09	\$0
9.	Revised Statement of Work for added IVR Report Requirements	10-22-09	\$20,000
10.	<ul style="list-style-type: none"> • Revised Statement of Work to include the Traveler Information Center (TIC) development and O&M. • Reallocated funds from Phase II for TIC development; and from Year 10 for TIC O&M 	1-15-10	\$927,603
11.	Extended TIC O&M Performance period	10-21-10	\$210,383
12.	Expanded IVR and Web to include Bus Arrival Information System (BAIS) Design and Development	3-23-11	\$107,321
13.	Extended TIC O&M Performance period	6-21-11	\$414,845
14.	Extended TIC O&M Performance period	12-27-11	\$276,563
15.	Incorporated Design, Development, and Deployment of Application Programming Interface (API) in support of a 511 mobile application	4-17-12	\$125,000
16.	Incorporated Design, Development, and Deployment of CHP CAD Interface	4-5-12	\$34,731
17.	Extended TIC O&M Performance period	6-20-12	\$276,563
18.	Extended TIC O&M Performance period	8-1-12	\$0
19.	Revised Contractor Key Personnel	8-5-12	\$0
20.	Extended TIC O&M Performance period	12-20-12	\$138,282
21.	Extended TIC O&M Performance period	4-29-13	\$270,000
22.	Incorporate the Design, Development, and Deployment of Access Services	Pending	\$163,924
XX	Incorporate the development of: <ul style="list-style-type: none"> • Metro Express Lanes; Phases 1, 2 and 3 • Los Angeles Department of Transportation • Express Park • #399 mobile call box/motorist aid services • Call Center Agent Training 	Pending	TBD