



Agenda Item 3c

METROPOLITAN
TRANSPORTATION
COMMISSION

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Memorandum

TO: Operations Committee

DATE: June 3, 2016

FR: Executive Director

W. I. 310-2700, 320-1221

RE: Contract Amendment - Clipper® Technical Advisor Contract: CH2M, Inc. (\$1,350,000)

This memorandum requests Committee approval of a one-year contract amendment with CH2M, Inc. (CH2M) in an amount not to exceed \$1,350,000 for continued technical oversight and advice services for the Clipper® program in FY 2016-17.

Background

In 2009, MTC entered into a competitively-procured, multi-year contract with Booz Allen Hamilton to provide technical support and oversight for the design and implementation of Clipper® on the Bay Area transit operators, as well as technical support for operations and maintenance through 2019. Booz Allen Hamilton assigned this contract to CH2M in 2011. Over the past 7 years, CH2M has supported many implementation and operations and maintenance tasks, including deployment of Clipper® at multiple transit agencies, integration of ticket vending machines and faregates, card inventory and retail network management, and design, testing, and deployment support for numerous system modifications. Attachment A provides additional detail on key activities under this contract.

Under the proposed amendment, CH2M will provide support for the following activities in FY 2016-17:

- Implementation of Clipper® at Union City Transit and Sonoma Marin Area Rail Transit;
- Installation of Clipper® equipment at new locations, such as San Francisco Municipal Transportation Agency's (SFMTA) Central Subway, as well as on new vehicles in growing fleets at SFMTA, Alameda-Contra Costa Transit District and others;
- Replacement of Clipper® equipment on Santa Clara Valley Transportation Authority's (VTA) bus fleet and other device end-of-life strategies to improve the reliability of the current Clipper® system;
- Delivery of various system enhancements and modifications;
- Management of card inventory and oversight of the Clipper® retail network;
- Support for managing Clipper® assets, including monitoring device performance and recommending replacement of devices as needed;
- Support for technical operations, including financial reconciliation and reporting, data analysis and reporting, and evaluation and support of system and device maintenance;
- Administration of the Clipper® Contract; and
- Evaluation and recommendations for improvements to the Clipper® communications network.

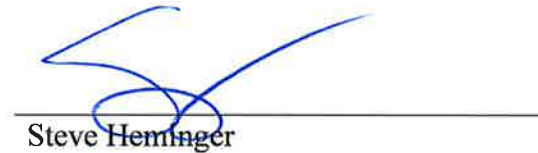
The contract amendment will provide resources equivalent to 4.3 full time staff to support the activities above. In procuring technical advisor services, staff weighs the value of directly hiring staff versus procuring specialized expertise. This CH2M item is limited to support of the currently operating Clipper® system.

The funds for this amendment are included in and subject to adoption of the FY 2016-17 agency budget. Attachment B includes a summary of CH2M and its project team's small business and disadvantaged business enterprise status.

This item was approved by the Clipper® Executive Board on May 23, 2016.

Recommendation

Staff recommends that this Committee authorize the Executive Director or his designee to negotiate and enter into a contract amendment with CH2M in an amount not to exceed \$1,350,000 for continuing technical oversight and support of the Clipper® program, subject to Commission approval of the FY 2016-17 agency budget.



Steve Heminger

SH: lv

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Attachment A
Key Activities Performed under Clipper® Technical Advisor Contract

Under the Technical Advisor Contract, CH2M has supported the following activities:

- Strategy development and project management for integration of SFMTA ticket vending machines and faregates, Golden Gate Ferry ticket vending machines, and VTA ticket vending machines;
- Strategy development for procurement and integration of next-generation devices to enable expansion of Clipper® to the small operators;
- Implementation of 11 small operators in Napa, Solano, Sonoma and Contra Costa counties, including development of business rules, reports and reconciliation procedures, equipment installation, and testing;
- Implementation support for Water Emergency Transportation Authority and implementation change order negotiation for Union City Transit;
- Full time on-site support at MTC for card inventory management, custom card development, retail network oversight, as well as regular weekly/monthly/ad hoc reporting and system performance analysis;
- On-site support for SFMTA with multiple full time staff during implementation, training, launch, media transition, and early operations of the Clipper® system;
- System enhancements and fare policy strategies to support transit agencies' fare media transitions;
- Design review, testing and acceptance support for all technical enhancements, integrations, and expansions; and
- Business rule development, enhancement, and quality review for all transit agency implementations since assignment.

Attachment B
Small Business 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	CH2M, Inc.	Technical oversight and design			X			X
Subcontractor	Auriga Corporation	Implementation and operations support	X	31943				X
Subcontractor	Transsight	System enhancement and technical operations support	X	42484				X
Subcontractor	Shiralian Management Group	Program schedule management			X	X	1746705	

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

**Denotes certification by the State of California.

REQUEST FOR COMMITTEE APPROVAL
Summary of Consultant Contract Amendment

Work Item No.:	310-2700, 320-1221
Consultant:	CH2M, Inc. San Francisco, CA
Work Project Title:	Clipper [®] Technical Advisor
Purpose of Project:	Provide technical oversight and advice services for the Clipper [®] program.
Brief Scope of Work:	Provide support of Clipper [®] Contract administration, project oversight, project coordination, operations support and deployment oversight during FY 2016-17.
Project Cost Not to Exceed:	\$1,350,000 (this amendment) Total Contract value including amendments before this amendment: \$12,809,285 Total Contract amount with this amendment: \$14,159,285
Funding Source:	STP, CMAQ, STA, STP Exchange, Regional Measure 2 Capital and Regional Measure 2 Operating
Fiscal Impact:	Funds dependent on the approval of the FY 2016-17 agency budget.
Motion by Committee:	That the Executive Director or his designee is authorized to negotiate and enter into a contract amendment with CH2M, Inc. to provide the consulting services described above and in the Executive Director's memorandum dated June 3, 2016, and the Chief Financial Officer is authorized to set aside \$1,350,000 for such amendment, subject to adoption of the FY 2016-17 agency budget.
Operations Committee:	<hr/> Scott Haggerty, Chair
Approved:	Date: June 10, 2016